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भारत सरकार
GOVERNMENT OF INDIA

COMPENDIUM

Student Project Program



48th SERIES

Supported by:

Department of Science and Technology, Government of India
Department of Science and Technology, Government of Karnataka
AI & Robotics Technology Park (ART-Park), Indian Institute of Science
Karnataka State BioEnergy Development Board, Government of Karnataka

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru

Compendium of the 48th Series
Student Project Program: 2024 - 2025

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September 2025

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A book on Compendium of the 48th series Student Project Program: 2024 - 2025 published by the Secretary, Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science Campus, Bengaluru - 560012.

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Book Size: A4

No. of Pages: iv + 298

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Published by:
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Catalysed and supported by:
Department of Science and Technology, Government of India
Department of Science and Technology, Government of Karnataka
Karnataka State Bioenergy Development Board, Government of Karnataka
AI and Robotics Technology Park (ART-Park), Indian Institute of Science

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Compendium of the 48th Series
Student Project Program: 2024 - 2025

Overview

The **Compendium of the 48th Series Student Project Program** outlines the framework, objectives, and key components of student projects for the academic year **2024 - 2025**. This program aims to foster creativity, critical thinking, and practical application of knowledge among students.

Key Components

1. Program Objectives

- **Enhance Learning**: Promote experiential learning through hands-on projects.
- **Skill Development**: Equip students with essential skills such as teamwork, research, and problem-solving.
- **Innovation**: Encourage innovative thinking and solutions to real-world problems.

2. Project Categories

- **Research Projects**: In-depth studies on relevant topics.
- **Community Service Projects**: Initiatives aimed at benefiting local communities.
- **Technology Projects**: Development of tech-based solutions or applications.

3. Guidelines for Participants

- **Eligibility**: Open to all Engineering, M.Tech, M.Sc., M.Tech / M.Sc (Agriculture), MCA and MBA students enrolled in the program in the state of Karnataka.
- **Team Formation**: Teams can consist of up to 4 members.
- **Project Submission**: Project proposals were submitted by December 2024.
- **Evaluation Criteria:**
    - Originality and Creativity
    - Objectives and Implementation
    - Research and Analysis
    - Presentation and Clarity
    - Applicability, Impact, and Feasibility
    - Implementation Plan and Project Outcomes
    - Literature Survey
    - Results and Discussion

4. Timeline

Milestone	Date / Month
Program Launch	**October 2024**
Proposal Submission Deadline	**31st December 2024**
Project Development Period	**January - June 2025**
Mid-term Evaluation of sanctioned projects	**April - May 2025**
Selection of projects for State-Level Poster Presentation & Exhibition	**June 2025**
Final Submission of Project Completion Reports Deadline	**July 2025**
Annual State-Level Poster Presentation and Exhibition	**1-2 August 2025**

5. Awards and Recognition

- **Best Project Award**: For outstanding projects in each category.
- **Certificates of Participation**: All participants received participation certificates.

Conclusion

The **48th Series Student Project Program for 2024 - 2025** aims to inspire and engage students through meaningful projects that contribute to their academic growth and community development. It is an excellent opportunity to apply knowledge and skills in practical settings while fostering collaboration and creativity.

* ~ * ~ *

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Secretary: Prof. Ashok M. Raichur
Professor, Department of Materials Engineering
Indian Institute of Science

Karnataka State Council for Science and Technology (KSCST) an autonomous S&T organization under Department of Science & Technology, Government of Karnataka.

Established in the year 1975 is one of the first State S&T Councils to be set up in the country. Education, Water, Energy, Housing, Geospatial Technologies, Natural Resource Management are some of the sectors identified by KSCST to pursue research, development and dissemination of ideas, products, services and technologies with the support of State and Central government. During the 50 years of its existence, KSCST has been pro-actively engaging itself to identify, propose and implement S&T based solutions to locale specific needs / problems. In association with the Indian Institute of Science and several other premier R&D institutions, KSCST has been executing many projects and programs aimed at improving socio-economic conditions of the people of the state.



Over the years, a number of technologies have been translated from research and demonstration phase to the implementation and operational phase. KSCST provides support to the State Government in formulation of S&T based policies. Also supports Central and State Governments in scientific surveys, project implementation, evaluation, co-ordination & monitoring, organization of scientific meets and awareness programs.

MAJOR PROGRAMMES

1. **Natural Resources Data Management System (NRDMS): Empowering Local Planning with Geospatial Technology**

   The Natural Resources Data Management System (NRDMS) serves as a comprehensive repository of natural resources and socio-economic geodatabases, providing critical support for local-level planning. Key achievements include:

- **Pioneering Village Cadaster:** Developed and implemented guidelines for generating high-resolution village cadastral maps using satellite imagery, representing a significant advancement in land management.
- **Geospatial Action Planning:** The first state to mandate the use of geospatial technologies in creating action plans for line departments, resulting in a Geospatial Action Plan that promotes informed decision-making.
- **Supporting Local Bodies:** Provides ongoing assistance to urban and rural local bodies in developmental planning, ensuring data-driven strategies for effective resource allocation.
- **District Administration Support:** Offers crucial geospatial support to district administrations for improved governance and efficient service delivery.
- **Custom Web Applications:** Developed a suite of web applications tailored to various GIS applications, enhancing accessibility and usability of geospatial data.

Village Information System (VIS)

The Village Information System (VIS) provides digital spatial data on various aspects of villages, including:

- Demography
- Natural resources
- Land use/land cover
- Socio-economic factors

This information supports decision-makers and planners in making informed decisions at the village and cadastral levels.

Key Accomplishments: Completed a Village Information System atlas for the Ragihalli Gram Panchayat of Anekal Taluk, Bengaluru Urban District.

NRDMS facilitates informed decision-making and promotes sustainable development by leveraging the power of geospatial technology at the local level.

2. Academic and Industry Interaction Cell (AIIC): Fostering Innovation

The Academic and Industry Interaction Cell (AIIC) is dedicated to fostering innovation and collaboration, with a strong focus on student projects and outreach initiatives. Key activities include:

- **Student Project Program (SPP):** Provides crucial support and mentorship to undergraduate and postgraduate engineering students for their innovative projects. To date, the KSCST has supported over 18,500 projects.
- **Commercialization Success:** Facilitated the commercialization of over 200 student projects, demonstrating a strong commitment to translating innovation into real-world impact.

- **Virtual Laboratories and E-Learning Centres:** Established e-learning centres in government high schools, providing access to advanced educational resources, digital content, and interactive lab experiments through 3D animations and the latest IT gadgets, supported by internet access.
- **Faculty Support:** Offers support for faculty projects, encouraging the development of innovative products and services.
- **Science Outreach:** Organizes science popularization and communication programs, Science for Rural Karnataka from Ph.D., Scholars of IISc., teacher enrichment initiatives, and special events such as a science radio serial, and celebrations of National Science Day, National Mathematics Day, and National Space Day.

KSCST through its Academic and Industry Interaction cell is committed to nurturing the next generation of innovators and promoting a culture of scientific inquiry and engagement.

3. Water Technology Initiatives by KSCST

KSCST is actively engaged in addressing water-related challenges, focusing on both water quality and quantity. Key initiatives include:

Water Quality Improvement:

- Demonstration of water defluoridation using technology developed by the Indian Institute of Science (IISc) in Kolar and Tumakuru districts.
- Demonstration of arsenic removal using nanotechnology developed by the Indian Institute of Technology Madras (IITM).
- Pharmaceutical industrial effluent treatment through Plasma process for improved recycling.

Water Conservation and Management:

- Promotion of awareness, training programs, and technical support for the implementation of Rainwater Harvesting (RWH) and groundwater recharge.
- Providing technical support to over **600** government and private organizations across the state for RWH and groundwater recharge projects.
- Conducting **96** RWH training programs for engineers, architects, and plumbing contractors.
- Establishing the Sir M. Visvesvaraya Rain Water Harvesting Theme Park in collaboration with the Bangalore Water Supply and Sewerage Board (BWSSB).
- Conducting over **200** awareness programs and approximately **300** demonstrations / exhibitions to promote RWH throughout the state.

4. **Preserving Karnataka's Legacy: Digital Heritage Initiatives: Karnataka Digital Heritage (KDH):**

   KSCST has successfully completed the Karnataka Digital Heritage (KDH) Programme, a pioneering initiative to digitally preserve the state's rich cultural legacy. The project employed cutting-edge 3D laser scanning and geospatial technologies to meticulously document approximately **530** state-protected heritage monuments. This comprehensive documentation process generated detailed 3D point cloud data, intricate 3D mesh models, and precise CAD engineering drawings. The resulting digital assets support:

   - **Virtual Tourism:** Offering immersive experiences for visitors worldwide.
   - **Restoration Efforts:** Providing invaluable data for the preservation and restoration of these historical treasures.
   - **Reconstruction Planning:** Aiding in the reconstruction of monuments, if needed.

   This project is conducted in collaboration with the Department of Archaeology, Museums and Heritage (DAMH), Government of Karnataka.

   Karnataka Digital Museum:

   Karnataka is home to over **50** museums, including **18** government museums managed by DAMH, housing a vast collection of approximately **18,000** invaluable antiquities. These artifacts represent the state's diverse history and include sculptures, inscriptions, manuscripts, weaponry, paintings, coins, and jewelry from prominent dynasties such as the Satavahana, Chalukya, Hoysala, and Vijayanagar empires.

   Recognizing the importance of digital preservation, a new project has been launched to digitally capture these artifacts using advanced 3D laser scanning and geospatial technologies. This initiative will generate:

   - **3D Point Cloud Data:** Providing highly detailed 3D representations.
   - **CAD Drawings:** Enabling precise measurements and analysis.
   - **Geo-tagged Databases:** Facilitating organization and accessibility.
   - **Immersive VR/AR Walkthroughs:** Creating engaging virtual experiences.

   This first-of-its-kind initiative in India was recently inaugurated by the Chief Minister of Karnataka, Shri Siddaramaiah. The 3D laser scanning of these precious antiquities is currently underway, promising to unlock new possibilities for their preservation and appreciation. **Karnataka's Treasures: Digitized for the Future!**

   - Geospatial mapping of **Traditional Surface Water Bodies** for restoration and rejuvenation. Mapped over 13,000 Traditional Surface Water Bodies across Karnataka, which includes Kalyani, Kunte, Gokatte and Katte**.** Based on the reports state government is taking up restoration works of surface water bodies under Jal Shakti Abhiyan and MGNREGA programs.

5. Energy Cell Initiatives

The Energy Cell focuses on promoting and disseminating renewable energy resources across Karnataka, including wind, solar, biomass, biogas, and mini/micro-hydel power sources. Key activities and achievements include:

Wind Energy:

- Established wind mapping and monitoring stations to identify potential sites for wind power generation.
- The data collected has facilitated the installation of over **5300 MW** of wind turbine capacity in the state.

Hydel and Solar Energy:

- Assessed potential sites for micro-hydel power generation.
- Provides end-to-end solutions for the installation of both on-grid and off-grid Solar PV power plants.

Bioenergy Initiatives:

- In partnership with the Karnataka State Biofuel Development Board (KSBDB), established **32** District Bio-Resource and Information Development Centers (BRIDCs) to provide technical support for bioenergy projects and programs.
- Provided Detailed Project Reports (DPRs) for solar rooftop lighting for the Institute for Social and Economic Change (ISEC) and Gulbarga University, Kalaburagi, during 2024-25.
- Organized a training program for project staff from BRIDC centres across the state in February 2025.
- Conducted brainstorming sessions for coordinators of BRIDC centres in March 2025, in association with the Gandhi Krishi Vigyan Kendra (GKVK), University of Agricultural Sciences (UAS), Bengaluru.
- Provided technical and financial support for **57** bioenergy project proposals.
- Facilitated internship projects for students under the Bioenergy Cell

Awareness and Advocacy:

- Organized World Environment Day.
- Organized a National Conference on Environmental Sustainability
- Conducts World Biofuel Day to promote biofuels
- Prepared amendments to the existing biofuel policy of Karnataka.

6. **Housing and Green Building Technologies**

   Energy-Efficient Building Technologies: The Council is actively involved in the research, development, and dissemination of cost-effective, energy-efficient building technologies. This work has resulted in the construction of over 100,000 houses across India and over 20,000 in Bengaluru alone. KSCST also conducts training programs for engineers and architects.

   Green Building Technologies: The construction industry faces challenges related to unsustainable extraction of raw materials and significant carbon emissions. Traditional building materials and construction methods often have high embodied energy and ongoing energy demands for maintenance. There's a growing need for low-carbon building materials and systems.

   Our initiatives in green building technologies include:

   - **Research and Development:** Exploring and developing innovative, sustainable building materials and construction techniques.
   - **Awareness and Promotion:** Educating stakeholders about the benefits of green building concepts and practices.
   - **Knowledge Dissemination:** Conducting workshops and training programs for building professionals to promote the adoption of energy-efficient green building technologies.

7. **KSCST's Patent Information Centre (PIC): Fostering Innovation in Karnataka**

   Since its establishment in 2005, KSCST's PIC has been instrumental in developing a strong Intellectual Property (IP) ecosystem in Karnataka. Key highlights include:

   - **Extensive Network:** PIC has established a network of 88 IP cells across universities and colleges, serving as hubs for IPR activities.
   - **Significant Impact:** These IP cells, with PIC's support, have filed over 2000 patent applications, resulting in 65 patents granted in the last 5 years.
   - **Widespread Outreach:** KSCST conducts 40-50 IPR programs annually, reaching over 10,000 participants.
   - **Capacity Building:** A "Training of the Trainer" program trained 80 IP coordinators from government colleges.
   - **Comprehensive Support:** PIC provides over 400 prior art search reports and supports Geographical Indication (GI) applications, registration, and commercialization efforts.

   PIC KSCST's multifaceted approach strengthens Karnataka's innovation landscape through education, support, and industry collaboration.

8. **Empowering Communities: KSCST's SC/ST Cell**

   KSCST has established a dedicated SC/ST Cell to promote the adoption of appropriate and relevant technologies, fostering socioeconomic development within Scheduled Caste/Scheduled Tribe (SC/ST) and marginalized communities. The Cell's key objectives include:

   - **Resource Assessment:** Evaluating natural and human resource endowments to identify opportunities for sustainable development.
   - **Skill Upgrading:** Providing training programs to enhance skills and employability.
   - **Micro-Enterprise Creation:** Supporting the establishment of micro-enterprises to create sustainable livelihoods.
   - **Farmers Training Program:** Conducted training programs for progressive farmers in the Kalyana Karnataka Region (**500** participants) focused on:
     - Doubling income
     - Integrated agriculture
     - Health and hygiene
     - Soil and water management

   To facilitate these goals, the KSCST has developed a specialized tool designed to identify locally-specific training and skill-building programs. This tool is instrumental in improving livelihoods and promoting the successful development of micro-enterprises within these communities.

9. **Addressing Malnutrition in Yadgir: Establishing a Fortified Food Processing Unit and Supporting SHGs / FPOs**

   To combat malnutrition, particularly among women and children, a fortified food production unit has been established in Yadgir. This initiative utilizes technologies developed by the Indian Institute of Science (IISc), the Indian Institute of Horticultural Research (IIHR), and the University of Agricultural Sciences (UAS).

   Trial production of four fortified food variants has been successfully completed through Self-Help Groups (SHGs):

   - Children's food
   - Adolescent food
   - Adult food
   - Family food

   Commercial production and marketing of these products are currently underway.

   The project has obtained FSSAI (Food Safety and Standards Authority of India) certificates for all four food variants produced in Yadgir. Furthermore, applications for product patents and trademarks have been submitted through the involved SHGs and AURO Centre for Public Nutrition (ACPN).

10. **Improving Tribal Livelihoods: Establishing Non-Timber Forest Product Collection Enterprises (NTFPCE) and Processing Units**

    To enhance the socio-economic well-being of tribal communities, KSCST initiated the "Non-Timber Forest Product Collection Enterprise" (NTFPCE) program. This program focuses on establishing non-timber product processing units in LAMP Society and LAMPS Federation in Karnataka.

    Under this initiative:

    - Honey, Amla and Sikakai processing units will be established in LAMPS Co-operative Federation, Mysuru.
    - A Sikakai processing and Honey bottling plant will be established in LAMP Society, Koppa, Chikkamagaluru.

    These units utilize technologies developed by the University of Agricultural Sciences (UAS), the Indian Institute of Horticultural Research (IIHR), and the Central Food Technological Research Institute (CFTRI).

    The program is supported by the Ministry of Tribal Affairs, Government of India (GOI), and the Department of Scheduled Tribe Welfare Development (STWD), Government of Karnataka (GoK).

    Key Objectives:

    - To provide a branded product and marketing platform for non-timber forest products, thereby increasing the income of tribal communities.
    - To provide training and capacity building to tribal communities in the collection, storage, and processing of NTFPs, promoting sustainable development.

11. **State Awards for Scientists and Engineers:**

    To encourage and recognize the contributions of scientists and engineers in the state, the Department of Science and Technology (DST), Government of Karnataka (GoK), instituted state awards in association with the KSCST. These awards, established in 1996, are named in honor of:

    - Bharath Ratna Sir M. Visvesvaraya
    - Dr. Raja Ramanna
    - Sir C. V. Raman
    - Prof. Sathish Dhawan
    - Dr. Kalpana Chawla

Since the inception of these awards, approximately **300** scientists and engineers have been recognized for their achievements. In the year 2023-24, a total of 28 scientists and engineers were selected to receive these prestigious awards.

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KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

REPORT ON
48th SERIES OF STUDENT PROJECT PROGRAMME (SPP)

STUDENT PROJECT PROGRAMME (SPP)

Background:

Recognizing the significant potential for research and development (R&D) among Karnataka's engineering and science college students, KSCST launched the Student Project Programme (SPP) in 1977-78. This initiative aimed to foster practical problem-solving skills and leverage existing infrastructure within educational institutions. The program provides financial and academic support for undergraduate and postgraduate projects across various disciplines, including engineering, science, technology, business administration, and agriculture.

The SPP is a unique national model, linking developmental needs with educational institutions. It facilitates the transfer of real-world problems to educational settings, encouraging the development of feasible technical solutions. Over 47 years, the program has funded more than 16,800 projects across the state, significantly impacting the quality of technical education in Karnataka.

Objectives:

Foster Student Creativity: Cultivate students' creative problem-solving skills using science and technology to address societal and state-level development challenges.

Enhance Curricula: Strengthen science and engineering college curricula to equip students with the skills needed to tackle real-world problems effectively.

Empower Regional Problem-Solving: Empower students to identify and creatively address specific regional issues through innovative projects.

Recognize and Encourage Innovation: Recognize and reward students' innovative research and problem-solving abilities.

Focus and Impact:

The SPP has a strong focus on addressing real-world issues, particularly in rural areas.

Project examples span a wide range of sectors, including:

- Cost-effective housing technologies
- Groundwater studies
- Agricultural implements

- Drinking water assessment
- Data Science and Computing
- AI, IoT, and Robotics
- Power Systems and Electric Vehicles
- Materials and Manufacturing
- Biomedical and Automation
- Rural and Smart City Development
- Various Sciences and Technologies and so on...

By focusing on these areas, the SPP enriches collegiate education by providing solutions to real-life problems and developing methodologies for tackling complex issues.

The SPP benefits from the expertise of various scientific and technical institutions, including the Indian Institute of Science, Central Manufacturing Technology Institute, National Aerospace Laboratories, Talent Development Centre, Challakere, NITK-Surathkal along with local organizations and industry experts.

Projects supported by KSCST have gained industry recognition, leading to employment opportunities and further studies for students. The SPP has successfully harnessed the talent of students and the experience of engineering faculty to address the challenges faced by the people of Karnataka.

Methodology:

KSCST's rigorous selection process ensures high-quality projects. Proposals undergo expert review, with approximately 25% receiving funding. Over 100 senior faculty from IISc, NAL, CMTI, and other institutions provide reviews and guidance, ensuring project innovation and relevance. KSCST provides modest financial support to selected student groups.

Mid-term evaluations, conducted either on-site or online, identify the best projects for the annual State-Level Poster Presentation and Exhibition. This process fosters interaction among faculty and students, leading to improved future projects.

The annual exhibition showcases approximately 350-400 projects, attracting principals, faculty, students, and experts from across the state and country. Awards, including "Best Project of the Year," are presented to outstanding students and their project guides.

48 Years of Progress

Since its inception in 1977 with 54 projects (funded at approximately Rs. 2,250 each), the SPP has grown significantly. The 48th series (2024-2025) supported 1,714 projects

across 198 colleges / institutions with a total funding of over Rs. 77.17 Lakhs. Over 18,500 projects have been funded since 1977-78, with nearly half (8,638) selected for annual exhibitions.

Initially focused on engineering colleges and polytechnics, the SPP has expanded to include MSc, M.Tech (Agriculture), MBA, MCA, and other relevant disciplines.

Annual State-Level Poster Presentation and Exhibition

The annual exhibition, now in its 48th year, features a selection of the best projects, with awards presented for the "Project of the Year" and the "Best Performing College". All participants receive certificates of participation. The 48th exhibition, held at Jawaharlal Nehru New College of Engineering (JNNCE), Navule, Shivamogga (August 1-2, 2025), and is expecting to award about 50 projects for the year 2024-25.

Many projects, sponsored under this program, deal with technology applications relevant to the State. This process has been ably supported by more than hundred faculty and scientists of Indian Institute of Science (IISc), National Aerospace Laboratories (NAL), Central Manufacturing Technology Institute (CMTI), Karnataka State Council for Science and Technology (KSCST) and experts from various other research institutions and government departments. The Student Project Program of KSCST has attracted the attention of various incubation centers of engineering colleges, start-ups and technologists in the country.

The work discipline acquired by students in evolving and executing their projects, improves their analytical method and technical capabilities enabling better performance as professionals. The sponsorship, by Karnataka State Council for Science & Technology, has become a benchmark of quality for engineering student projects and these projects have been recognized and valued by both academic and industrial communities.

In this program, several completed projects have also been identified as promising and having commercial potential. Concerned faculty/students of such projects are encouraged to go ahead for further modification wherever required and to take-up field trials or for scaling up. Projects have always been diverse, reflecting the varied interests of the students/guides and some of them are found to be very innovative.

48th Series of Student Project Programme (SPP)

The Karnataka State Council for Science and Technology (KSCST) invited project proposals from final-year science and engineering students across the state. Proposals were solicited in October 2024 from BE, B. Arch., M.Tech., M.Sc., (Agriculture), MBA, and MCA students for sponsorship under the 48th Student Project Programme (SPP).

The following are the broad themes/areas provided by the expert committee for submitting the project proposal:

List of Broad Themes / S&T technologies for submitting the project proposals

1. Technologies for Rural livelihood improvement (Focusing areas under energy, water, agriculture, environment, health, livelihood, green technology, assistive aid, handicraft, textile, animal health, post-harvest and education (project titles and areas for submitting the proposal is provided below:)

SL NO.	TECHNOLOGY/ PRODUCT DETAILS	FOCUS AREA
i.	▪ (EDU-BOX) Solar Projector and Offline Server. ▪ Solar Powered Sheep Shearing Machine ▪ Solar Water Filtration and Vending Machine	Energy, Water
ii.	Low-Cost Sensor and Deep Learning-Based Method to Spray the Farms with Controlled or Limited Pesticides with Equal Distribution	Agriculture, Environment
iii.	Green Polymer Nanocomposite (Bioplastic) from Agricultural Residue for Food Packing Application	
iv.	Improved Seeder Technology for Paddy Straw Management on Farmer's Field	
v.	Integrated Biotechnological approach for the treatment of Microplastics (MPS) and Plastic Derived Compounds (PDCS) along with refractory organics in the municipal landfill leachate	Environment
vi.	Energy Efficient Multifunctional Field Distillation Unit for Isolation of Essential Oils	Energy
vii.	▪ Mountain solar water and space heating systems ▪ Herbal Chirayita formulations for control of diabetes, anti-bacterial, antiviral, anti- fibroid and hepato-protective activities. ▪ Solar biogas hybrid systems for mountain needs.	Energy, Water, Health
viii.	Resilient Farming Tools & Technologies in Flood and Water-Logged Areas (Cycle Weeder and Hoeing, Soil Digger, Paddy Transplanting, Improvised Portable Low Tunnel Poly House) and Post-Harvest Tools (Turmeric Rammer Tool, Groundnut De-Husking Tool, Turmeric Steam Boiler, Root Crops Washing Tool, Zero Energy Cool Chamber, Maize De-Husking Machine, Briquette Making Tool) for Reducing Labourer Cost	Agriculture, Energy

ix.	▪ Cost-effective bridge (bamboo, wooden & steel) for rural connectivity ▪ Upgraded watermills with low head turbine design and standardization	Livelihood, Water
x.	▪ Improved Biomass Cookstoves ▪ PV Integrated Solar Tunnel Dryer ▪ Solid State Bio-Gas Plant ▪ Kitchen Waste-Based Bio-Gas Plant ▪ Walk in Type Solar Tunnel Dryer ▪ Dhaba Size Improved Biomass Cookstoves ▪ Fluidized Bed Gasifier ▪ MSW Organic Waste Bio-Methanation ▪ Solar-Biomass Based Hybrid Dryer	Green Technology, Energy
xi.	▪ Arid Specific Tree Based Farming System (WADI) ▪ Breed Improvement of Marwari Sheep and Goat ▪ Doorstep AI Services for Artificial Insemination and Preventative Health Care of Cattle. ▪ Establishment of Cactus as a Fodder (New Crop) ▪ Low-Cost Gravity-Based Drip Irrigation System and Efficient Water Use Technique ▪ Tanka With Agor and Rooftop Rainwater Harvesting for Tapping of Rainwater	Agriculture, Livelihood, Information Technology, Water
xii.	▪ Biomass Dryers, Pyro Lite Stove, Outdoor Animal Feed Stove ▪ Version 2 of Pyro Stove with New Insulating Materials and Manufacturing Improvements ▪ 2 Versions of Forced Draft Agni Sakhi & Agni Mithra Stove ▪ Fuel Efficient Bakery Oven ▪ Customized Sarala Stove Designs	Livelihood, Energy
xiii.	▪ Biometric Solar ATM named As ‘JANATA ATM’ ▪ Micro Solar Dome ▪ Micro Solar Pump Coupled With RO System & Integrated with pre filter and Intelligent Controller ▪ Mechanized Ferro Cement Based Products	Energy, Green Technology, Livelihood

	▪ Bamboo Based Shutters and Doors for Retrofitting of Houses	
xiv.	▪ Neck Rest Pillow with Memory Use ▪ Brick Making from Granite Waste ▪ Ergonomic Design of Mechanical Weeding unit for Reducing Physical Strain ▪ E-Waste Segregation and Preprocessing Model ▪ Customised Gift Making through 3D Chocolate Printing	Livelihood, Assistive Aid, Green Technology
xv.	▪ Green Building Technology: Stabilized Mud Block, Treated Bamboo, Terafil Water, Rainwater Harvesting & Low-Cost Toilet ▪ Agarbathi Bamboo Stick ▪ Products from Treated Bamboo Sticks ▪ Cost-Effective Hatchery-Solar Based	Green Technology, Water, Livelihood, Energy
xvi.	▪ Up-Gradation of Conventional River Rope Way Crossings Over Main Rivers Exists in Rural / Hilly Terrains	Livelihood
xvii.	▪ THIRUMATHIKART: E-Commerce Platform for SHGS for Enhancing their Livelihoods and Generating new Employment Opportunities.	
xviii.	▪ Eco-Friendly and Bio-Degradable Pot by Using Cow Dung and Agriculture Waste ▪ Value Addition of Charcoal-Briquette by Adding LAC ▪ GOAT Special - Concentrate Mixture Product	
xix.	▪ Herbal Mosquito Repellent incense Stick Making ▪ Hand Made Paper Production & Paper Bag Making ▪ Chalk Pencil and Liquid Deodorant Products	
xx.	▪ Customization in Biomass Palletisation Unit ▪ Technology Protocol for Production of Fuel Pellets From Biomass ▪ Optimization Process of Pellet Production using Lantana, Amla Processing Waste, Sugarcane Bagasse, Forest Leaves, Paddy Straw, etc.	Green Technology, Livelihood
xxi.	▪ Hand Operated Sewing Machine for Differently Abled ▪ Cost Effective and Eco-Friendly Paver Block Making	Handicraft, Textile

	▪ Improved Silver Anklet Plating Technology	
xxii.	▪ Flexible Cage for Cattle Transport Vehicle with Loading Adjustment ▪ Compact and Easily Manoeuvrable Tractor of Low HP Range to meet the requirement of the small farmers	Animal Health, Livelihood, Agriculture
xxiii.	▪ Potable Water using functionalised Cellulose as catalyst from locally available biomass	Water
xxiv.	▪ Water Filtration Solutions, Building Material Technology Solutions	
xxv.	▪ Cost-Effective Neem Fruit Harvester, and Process Standardization ▪ Neem Fruit Collection and Post-Harvest Processing to Produce Quality Pulp and Neem Seed for Product Development	Post Harvest
xxvi.	▪ Portable Laboratory Workbench for Learning and Prototyping	Education

2. Structural Engineering, Geotechnical Engineering, Geomatics, Construction Technology and Management
3. Water and Environment Engineering, Transportation Engineering, Industrial and System Engineering
4. Energy Engineering, Energy for Sustainable Development, Waste Management
5. Data Science, Cyber Security, Computing, Pattern Recognition and Image Processing, Signal Processing
6. Big Data, integrating Internet of Things, Artificial Intelligence, Data Engineering, Robotics (agriculture, health, education, digital literacy, assistive aid)
7. Networking and Communication Engineering, Embedded Systems, VLSI Design, Robotics
8. Power System Engineering, Electric Vehicles, Smart Grid Technologies and Micro-grids
9. Materials and Design Engineering, Thermal and Fluid Engineering, Manufacturing Processes and Analysis
10. Control and Automation, Biomedical Engineering, Sensors and Measurement Techniques
11. Rural Engineering and Technical support, Smart cities and infrastructure development

12. Biological / Medical Science, Physical Science, Chemical Science, Agriculture Science, Biotechnology

13. Healthcare management, Information Technology, Resources and Environmental Management.



Following a widespread call for proposals, KSCST received a total of **7,023** project proposals, addressing various themes advertised on the website and SPP posters. A total of **212** engineering colleges, universities, and institutions statewide participated. These proposals were evaluated by experts from institutions including the Indian Institute of Science (IISc), National Aerospace Laboratories (NAL), Central Manufacturing Technology Institute (CMTI), and KSCST.

Ultimately, **1,714** project proposals from **199** institutions were approved for financial support, totalling ₹**77,17,000** (Seventy-Seven Lakhs Seventeen Thousand Rupees).

Project Summary by Degree

Sl. No.	Course / Degree	Total No. of projects submitted	No. of Projects Approved by experts after evaluation	Total Amount Sanctioned (Rs.)	No. of Students Benefitted		No. of Faculty members involved
					Male	Female	
1	B.E.	6,211	1,452	6,49,3000	3,171	2,175	1,950
2	M.Tech	71	21	1,02,500	20	7	27
3	M.Sc	336	102	5,60,000	83	208	148
4	M.Sc (Agri)	14	4	24,000	0	4	5
5	M.B.A	198	73	2,87,500	117	147	116
6	M.C.A.	193	62	2,50,000	117	90	99
	Grand Total	**7023**	**1714**	**77,17,000**	**3,508**	**2,631**	**2,345**

A total of **1,714** projects were approved for funding under the 48th SPP, with a total allocation of ₹**77,17,000**.

Funding and Co-hosting Support

Artificial Intelligence and Robotics Technology Park (ART-park), IISc

- **Total Budget Sanctioned**: ₹**18.53 Lakhs** (Inclusive of GST)
- **Project Support**: ₹**12,20,500** for **274** projects related to AI, ML, and Robotics.
- **Co-hosting Support**: ₹**3,50,000**
- Sanctioned projects focused on Artificial Intelligence (AI), Machine Learning (ML), and Robotics related to health, development of healthcare aids, etc.

- The projects focus on diverse applications of robotics, automation information technologies and digital communication and networks

Approved ART-Park Supported Projects Details

Sl. No.	Course	No. of Projects	Sanctioned Amount in Rs.	No. of Students Benefitted		No. of Faculty members involved	Total No. of Colleges / Institutions	Number of Districts Covered
				M	F			
1.	B.E.	253	11,29,000	514	386	350	88	23
2.	M.Sc.	4	20,000	4	6	4		
3.	M.Tech	1	5,000	0	1	2		
4.	M.B.A.	03	14,000	2	5	4		
5.	M.C.A.	13	52,500	26	18	20		
Total		**274**	**12,20,500**	**546**	**416**	**380**		

Karnataka State Bioenergy Development Board (KSBDB)

A total of **53** projects were selected for KSBDB support, based on the subject area.

- **Project Details**:
  - The **53** projects have been identified for KSBDB support.
  - These projects cover various disciplines including B.E., M.B.A., M.C.A., M.Sc., and M.Tech.
  - The projects focus on diverse applications of Biodiesel production, Byproduct applications, Solar, biogas, fuel cell, and advanced bioenergy technologies.

Approved Bioenergy Projects Details

Sl. No.	Course	No. of Projects	Sanctioned Amount in Rs.	No. of Students Benefitted		No. of Faculty members involved	Total No. of Colleges / Institutions	Number of Districts Covered
				M	F			
1.	B.E.	44	2,32,000	107	49	59	43	13
2.	M.Sc.	04	22,500	2	9	7		
3.	M.B.A.	03	11,000	6	5	3		
4.	M.C.A.	02	9000	8	0	4		
Total		**53**	**2,74,500**	**123**	**63**	**73**		

KSCST (Karnataka State Council for Science and Technology)

- **Project Details**:
  - **1387** projects have been supported from funds of KSCST supported by DST, GoK.
  - These projects cover various disciplines including B.E., M.B.A., M.C.A., M.Sc., and M.Tech.
  - The projects focus on diverse applications of agriculture, energy, water, livelihood, environmental science, textile technologies, digital education, green technologies
- **Total funding**: ₹**62,22,000** for **1387** projects

Sl. No.	Course	No. of Projects	Sanctioned Amount in Rs.	No. of Students Benefitted		No. of Faculty members involved	Total No. of Colleges / Institutions participating	Number of Districts Covered
				M	F			
1.	B.E.	1,155	51,32,000	2,550	1,740	1,541	192	31
2.	M.Sc.	94	5,17,500	77	193	137		
3.	M.Tech	20	97,500	20	6	25		
4.	M.B.A.	67	2,62,500	109	137	109		
5.	M.Sc. (Agri)	4	24,000	0	4	5		
6.	M.C.A.	47	1,88,500	83	72	75		
Total		**1,387**	**62,22,000**	**2,839**	**2,152**	**1,892**		

Mid-term Evaluations

Mid-term evaluations of the supported projects were conducted between April and May 2025. A total of **78** online sessions were held, supported by **40** experts. Out of the **1,714** projects scheduled for evaluation, **217** were absent, while **1,497** projects were successfully evaluated.

A total of **440** projects were recommended by subject experts for the Annual State-level Poster Presentation and Exhibition. This selection includes **171** projects for Poster Presentation and **269** projects for Exhibition, involving **139** engineering institutions across the state.

- **ART-Park, IISc Supported Projects: 77** projects were selected for the State-level presentation and exhibition. Of these, **32** projects are for Poster Presentation, and **45** are for the Exhibit.

- **KSBDB, GoK Supported Projects: 16** projects were selected. **6** projects are allocated for Poster Presentation, and **10** are for the Exhibit.
- **KSCST supported Projects: 347** projects were selected. **133** projects are allocated for Poster Presentation, and **214** are for the Exhibit.

List of Approved Projects Selected for Poster Presentation and Exhibition

Under ART-Park, IISc Sponsorship

- Total Projects Sponsored: 274
- Number of Experts Participated: 23
- Total ART-PARK Sponsored Projects Selected for Annual State-Level Poster Presentation and Exhibition: 77
- ART-PARK Sponsored Projects Selected for Poster Presentation: 32
- ART-PARK Sponsored Projects Selected for Poster Exhibition: 45

Course	Sponsored Projects	Selected for Poster presentation	Selected for Exhibition
BE	253	30	42
M.Sc.	4	-	1
MBA	3	-	-
MCA	13	2	2
M.Tech	1		
Total	**274**	**32**	**45**

Under KSBDB - Bioenergy Projects

Course	Sponsored Projects	Selected for Poster presentation	Selected for Exhibition
BE	44	03	09
M.Sc.	04	01	01
MBA	03	01	-
MCA	02	01	-
Total	**53**	**06**	**10**

Under KSCST (DST-GoK)

Course	Sponsored Projects	Selected for Poster presentation	Selected for Exhibition
BE	1155	103	186
M.Tech.	20	1	3
M.Sc.	94	14	14
M.Sc. (Agri)	4	1	-
MBA	67	10	4
MCA	47	4	7
Total	**1387**	**133**	**214**

48th Student Project Programme (SPP): State-level Poster Presentation and Exhibition

The Annual State-Level Poster Presentation and Exhibition organized by KSCST at the Jawaharlal Nehru New College of Engineering (JNNCE), Navule, Shivamogga, on 1st and 2nd August, 2025.

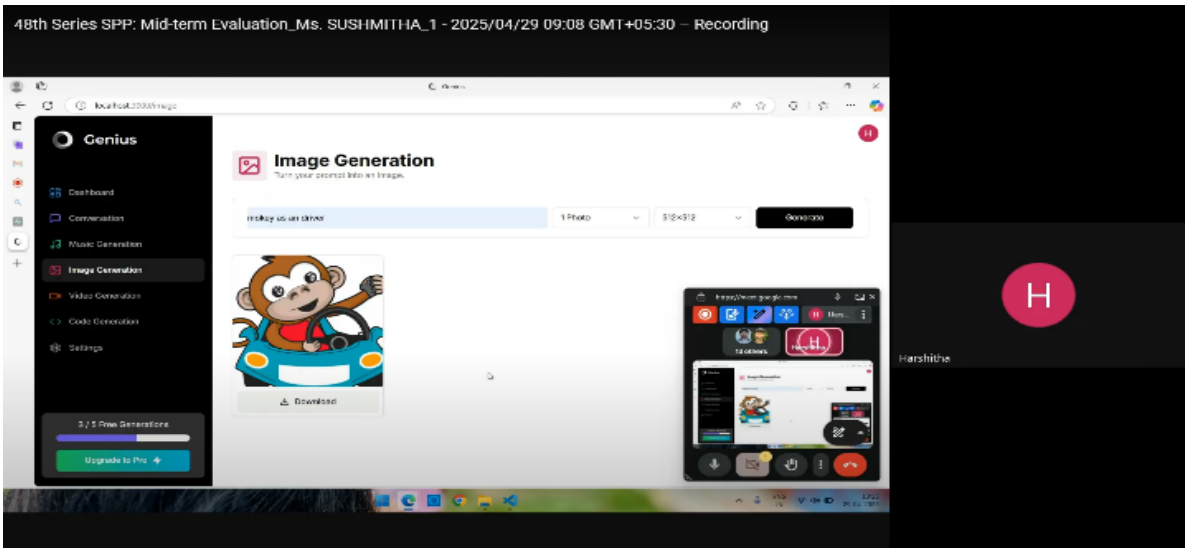
Final-year students from engineering, M.Tech., M.Sc., M.Sc. (Agri), MBA, and MCA programs present their research findings, exhibit hardware/software projects, and display posters to faculty, resource persons, and eminent scientists and technocrats. The event also feature a technical lecture on recent engineering developments. This program aims to promote practical, experimental work and encourage students to address local challenges.

A selection committee identify exceptional projects for the "Best Project of the Year" award, which includes cash prizes for students and certificates for students and their project guides.

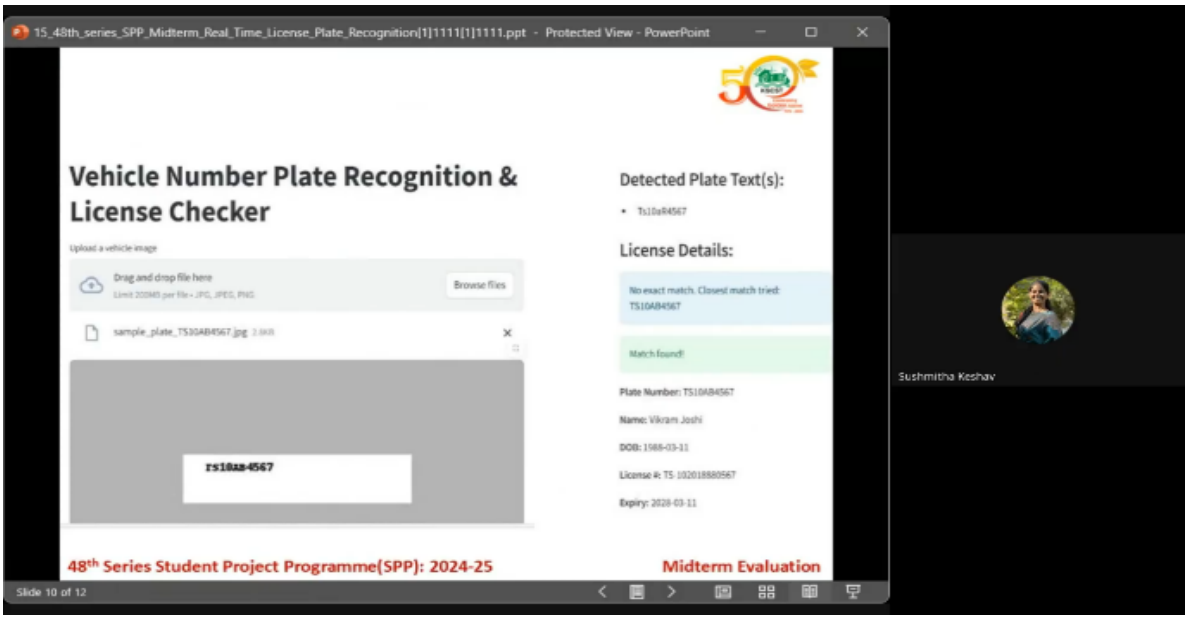
Publication of Proceedings: KSCST published a book and CD containing technical records and summaries of the selected projects. These are distributed to participating students, faculty, and experts, serving as a valuable reference for engineering colleges.

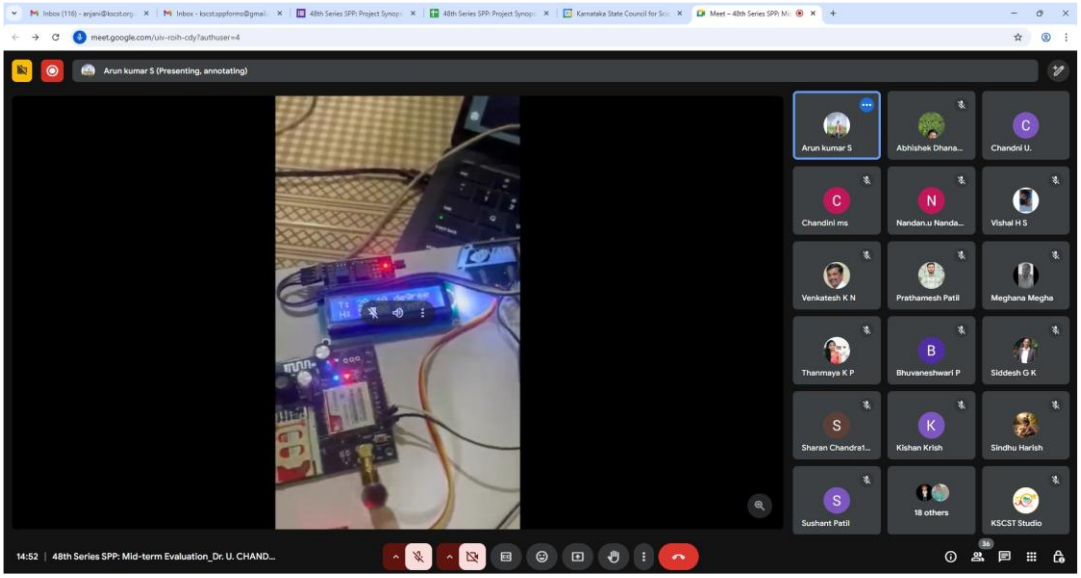
GLIMPSES OF MIDTERM EVALUATION CONDUCTED ONLINE

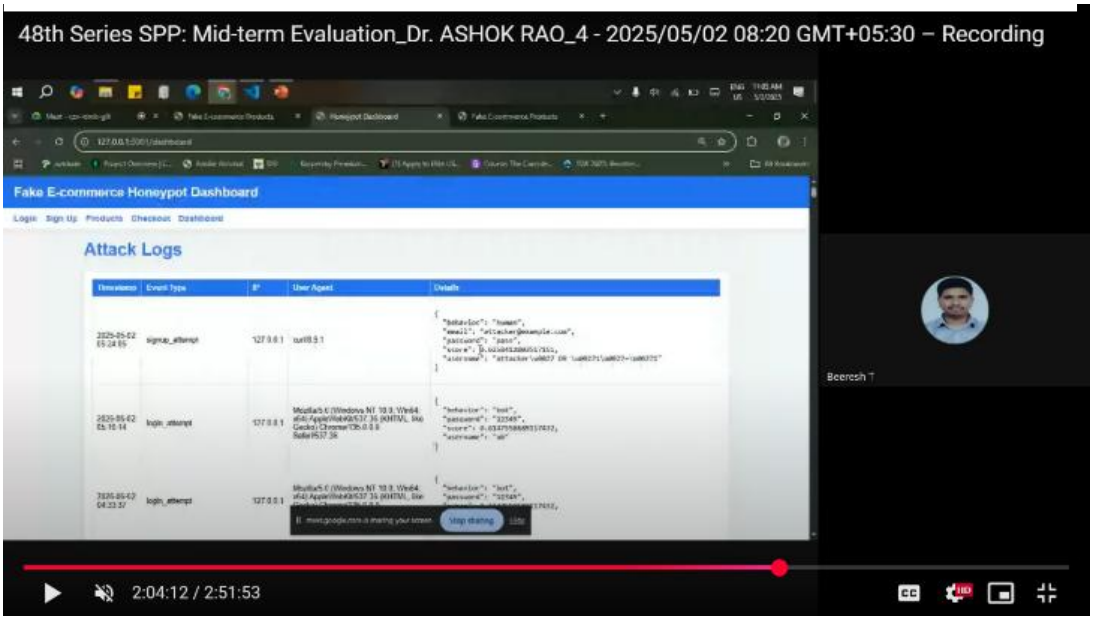
GLIMPSE OF 48TH SERIES STUDENT PROJECT PROGRAMME (SPP): MID-TERM EVALUATION OF ART-PARK SUPPORTED PROJECTS

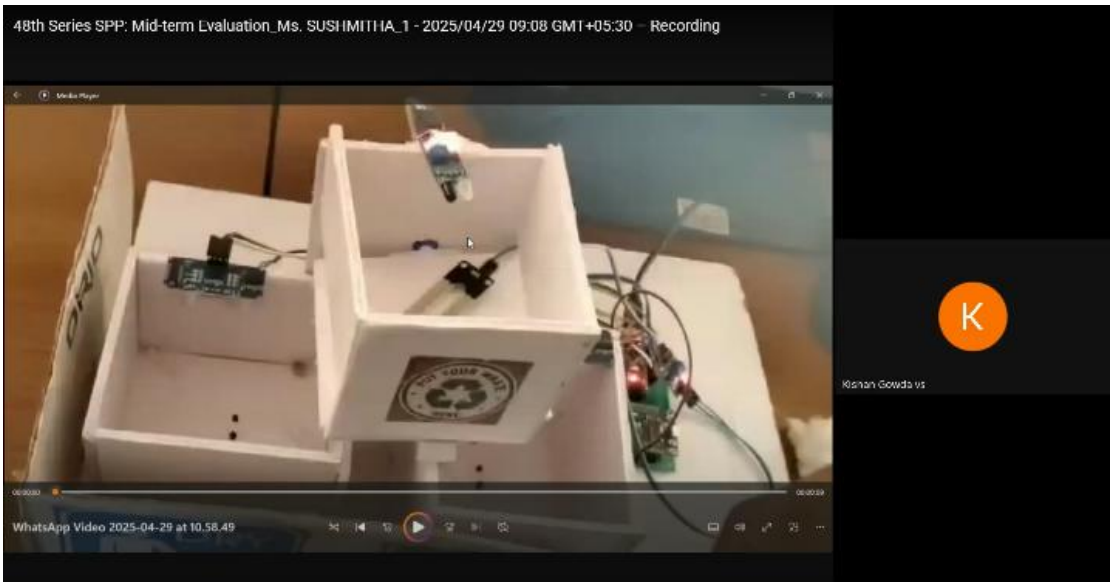


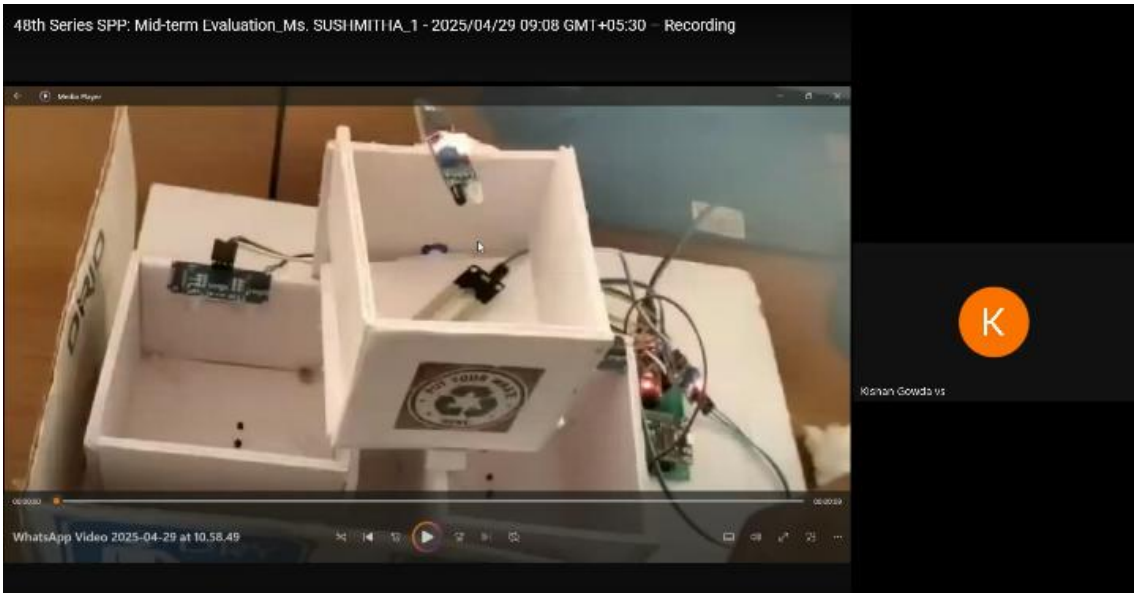


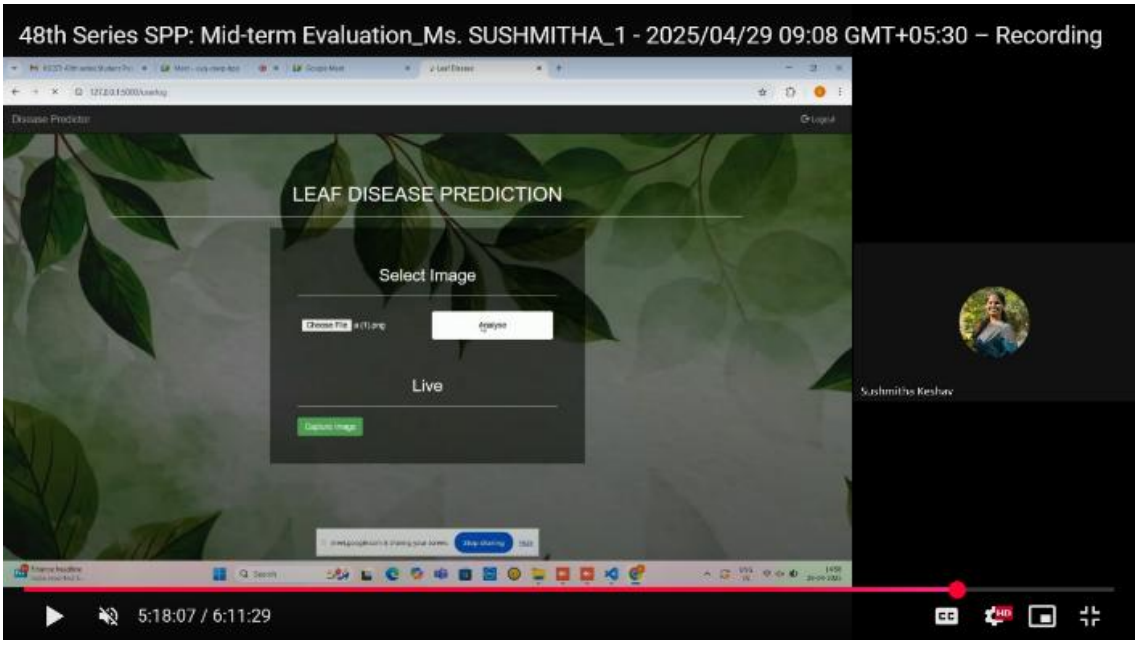


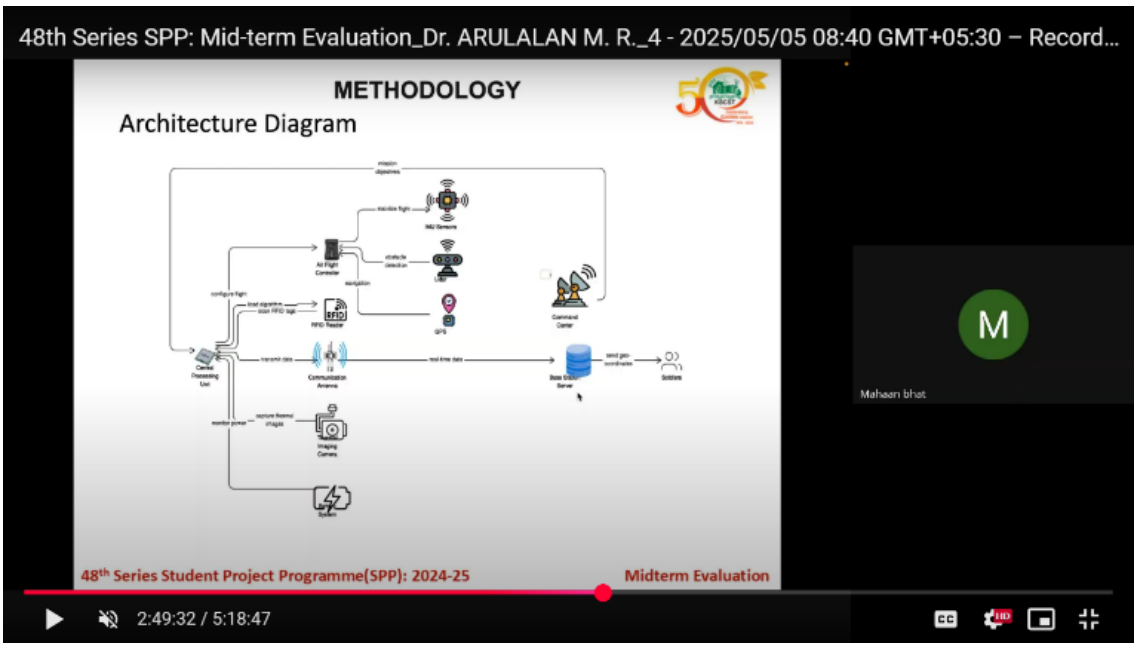

Arun kumar S (Presenting, annotating)
Arun kumar S
Abhishek Dhana...
Chandini U.
Chandini ms
Nandan.u Nanda...
Vishal H S
Venkatesh K N
Prathamesh Patil
Meghana Megha
Thanmaya K P
Bhuvaneshwari P
Siddesh G K
Sharan Chandrat...
Kishan Krish
Sindhu Harish
Sushant Patil
18 others
KSCST Studio
14:52 | 48th Series SPP: Mid-term Evaluation_Dr. U. CHAND...

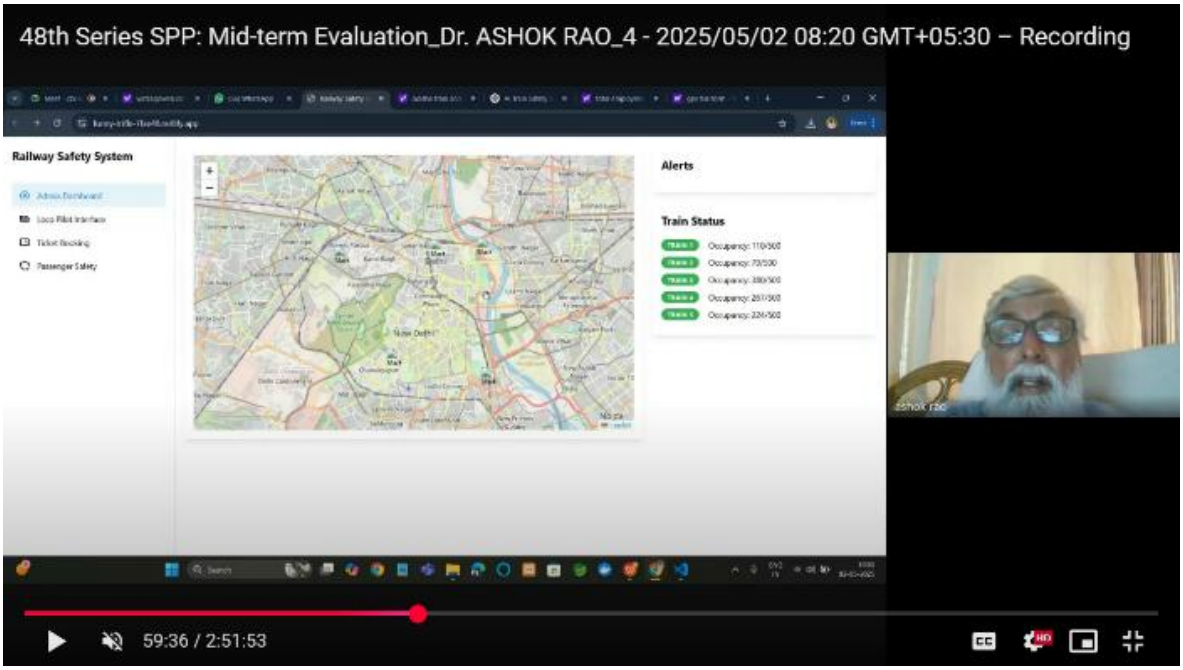

48th Series SPP: Mid-term Evaluation_Dr. ASHOK RAO_4 - 2025/05/02 08:20 GMT+05:30 – Recording
Fake E-commerce Honeypot Dashboard
Attack Logs
Beeresh T
2:04:12 / 2:51:53

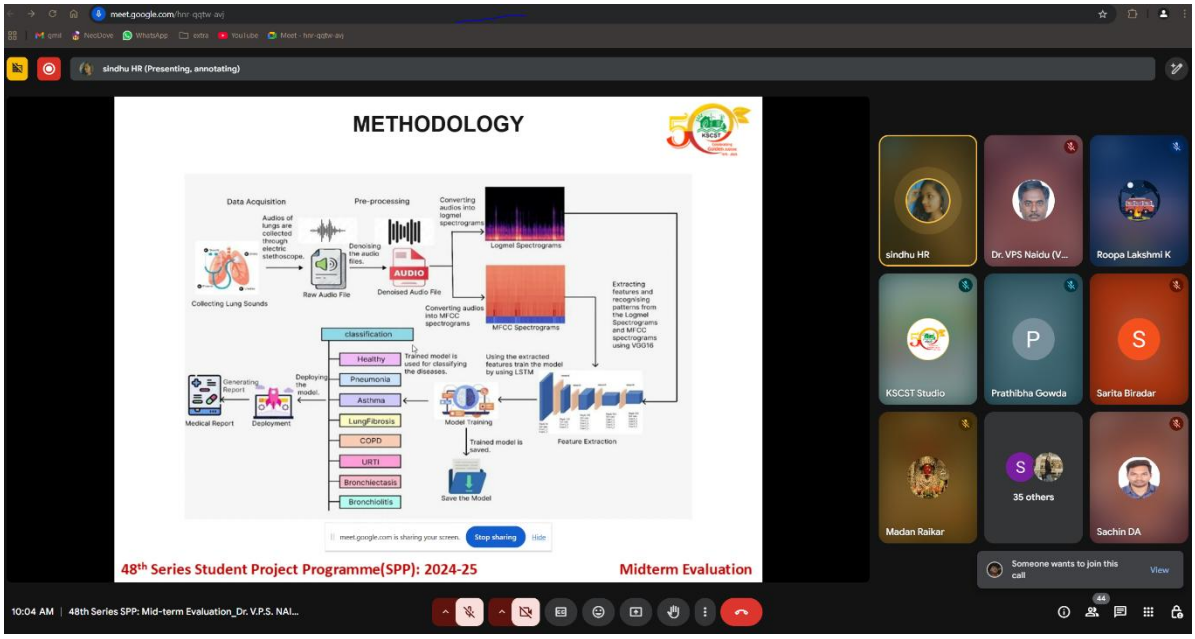

48th Series SPP: Mid-term Evaluation_Ms. SUSHMITHA_1 - 2025/04/29 09:08 GMT+05:30 – Recording
Kishan Gowda vs
WhatsApp Video 2025-04-29 at 10.58.49


48th Series SPP: Mid-term Evaluation_Ms. SUSHMITHA_1 - 2025/04/29 09:08 GMT+05:30 – Recording
WhatsApp Video 2025-04-29 at 10.58.49
K


48th Series SPP: Mid-term Evaluation_Ms. SUSHMITHA_1 - 2025/04/29 09:08 GMT+05:30 – Recording
LEAF DISEASE PREDICTION
Select Image
Live
5:18:07 / 6:11:29

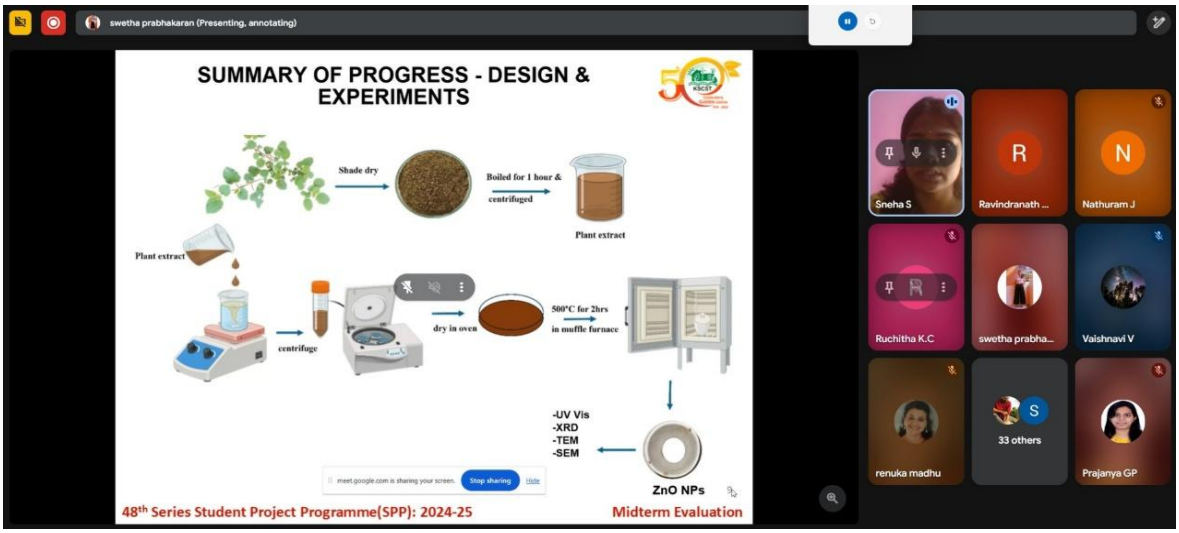

48th Series SPP: Mid-term Evaluation_Dr. ARULALAN M. R._4 - 2025/05/05 08:40 GMT+05:30 – Record...
METHODOLOGY
Architecture Diagram
48th Series Student Project Programme(SPP): 2024-25
Midterm Evaluation
2:49:32 / 5:18:47
M


48th Series SPP: Mid-term Evaluation_Dr. ASHOK RAO_4 - 2025/05/02 08:20 GMT+05:30 – Recording
Railway Safety System
Alerts
Train Status
59:36 / 2:51:53


sindhu HR (Presenting, annotating)
METHODOLOGY
Data Acquisition
Pre-processing
Collecting Lung Sounds
Raw Audio File
Denoised Audio File
Logmel Spectrograms
MFCC Spectrograms
classification
Healthy
Pneumonia
Asthma
LungFibrosis
COPD
URTI
Bronchiectasis
Bronchiolitis
Medical Report
Deployment
Model Training
Feature Extraction
Save the Model
48th Series Student Project Programme(SPP): 2024-25
Midterm Evaluation
sindhu HR
Dr. VPS Naidu (V...
Roopa Lakshmi K
KSCST Studio
Prathibha Gowda
Sarita Biradar
Madan Raikar
35 others
Sachin DA
Someone wants to join this call
View

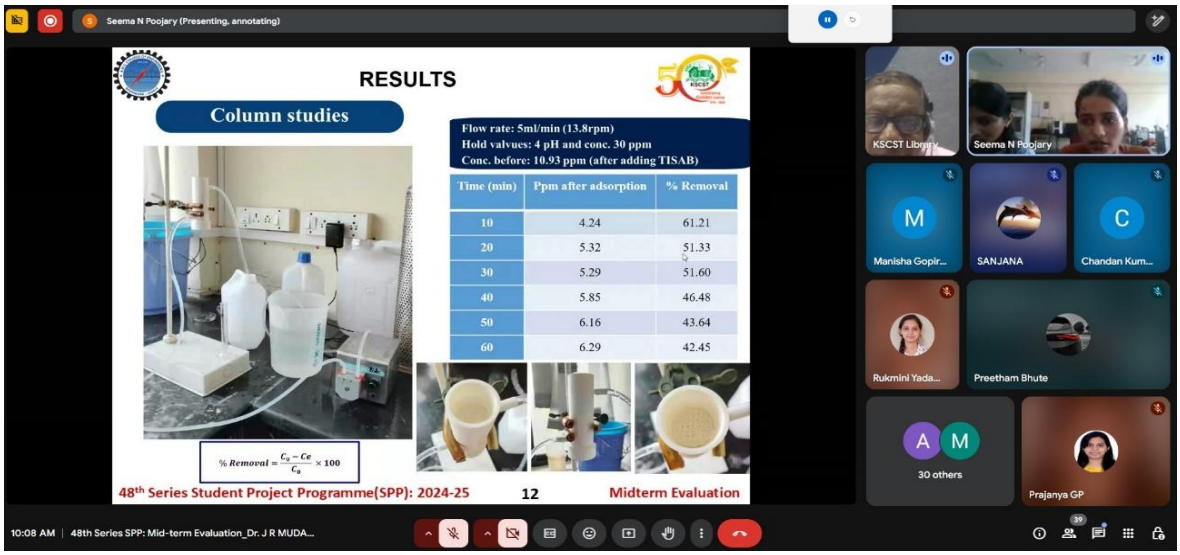

48th Series SPP: Mid-term Evaluation_Dr. ARULALAN M. R._4 - 2025/05/05 08:40 GMT+05:30 – Record...
YES
NO
FOOD
Arulalan M.R.
1:41:20 / 5:18:47

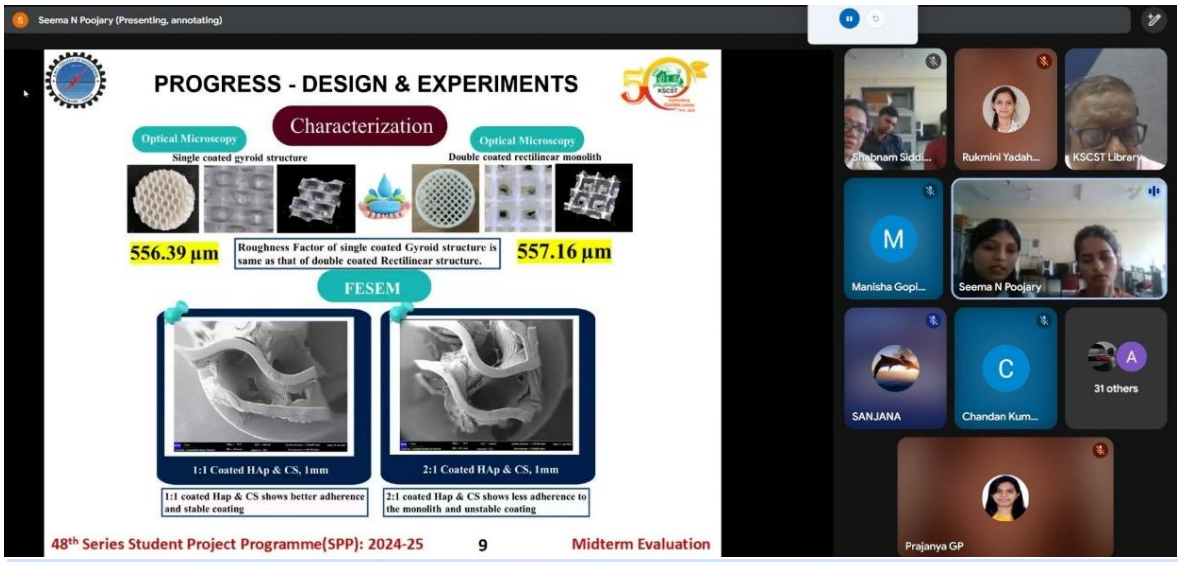
GLIMPSE OF 48TH SERIES STUDENT PROJECT PROGRAMME (SPP): MID-TERM EVALUATION OF BIOENERGY PROJECTS

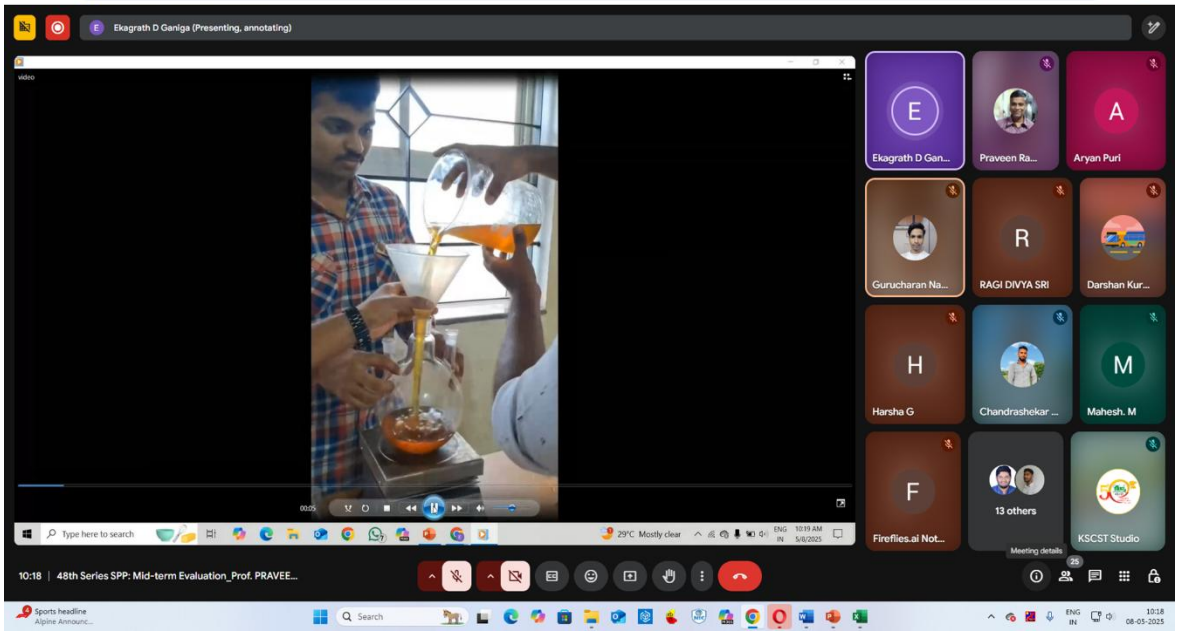




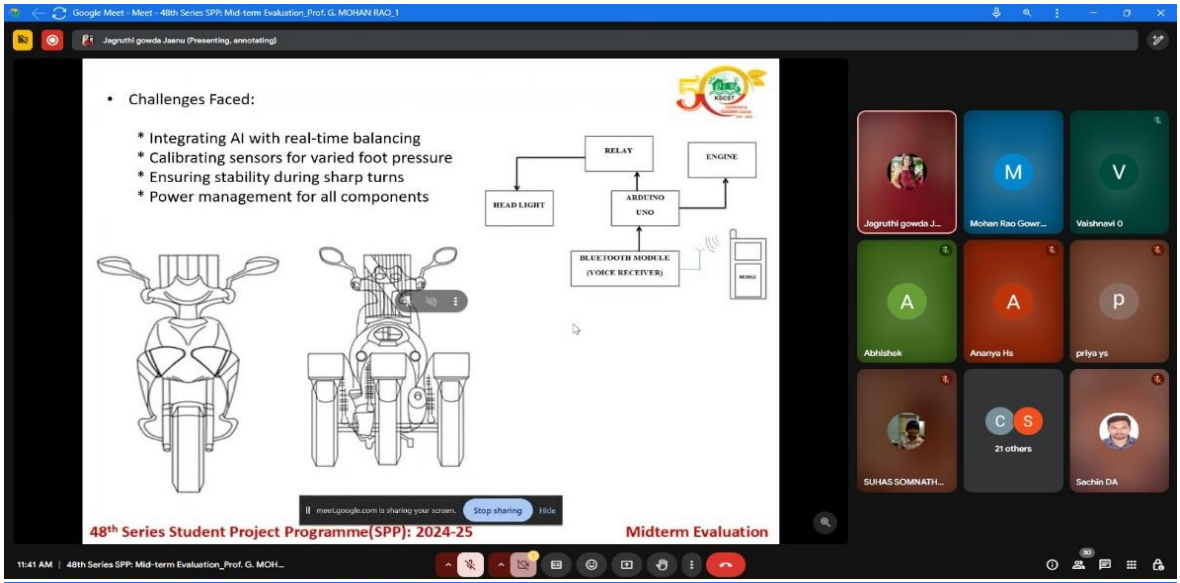


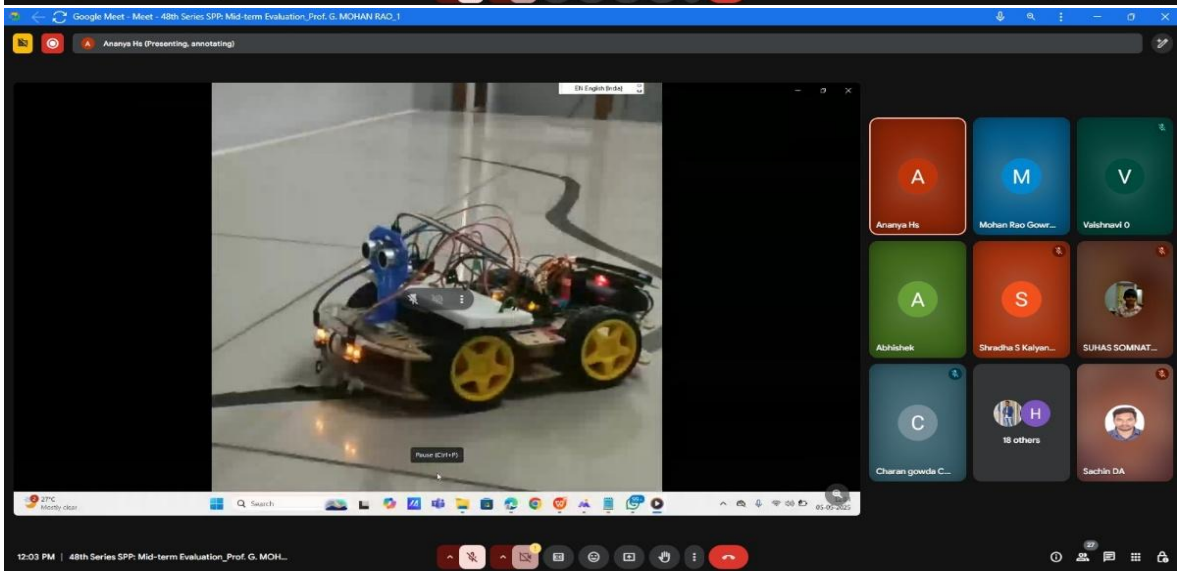

Seema N Poojary (Presenting, annotating)
RESULTS
Column studies
Flow rate: 5ml/min (13.8rpm)
Hold valvues: 4 pH and conc. 30 ppm
Conc. before: 10.93 ppm (after adding TISAB)
Time (min) | Ppm after adsorption | % Removal
10 | 4.24 | 61.21
20 | 5.32 | 51.33
30 | 5.29 | 51.60
40 | 5.85 | 46.48
50 | 6.16 | 43.64
60 | 6.29 | 42.45
% Removal = (Co − Ce / Co) × 100
48th Series Student Project Programme(SPP): 2024-25
12
Midterm Evaluation
KSCST Library
Seema N Poojary
Manisha Gopir...
SANJANA
Chandan Kum...
Rukmini Yada...
Preetham Bhute
30 others
Prajanya GP
10:08 AM | 48th Series SPP: Mid-term Evaluation_Dr. J R MUDA...


Seema N Poojary (Presenting, annotating)
PROGRESS - DESIGN & EXPERIMENTS
Characterization
Optical Microscopy
Single coated gyroid structure
Optical Microscopy
Double coated rectilinear monolith
556.39 µm
Roughness Factor of single coated Gyroid structure is same as that of double coated Rectilinear structure.
557.16 µm
FESEM
1:1 Coated HAp & CS, 1mm
2:1 Coated HAp & CS, 1mm
1:1 coated Hap & CS shows better adherence and stable coating
2:1 coated Hap & CS shows less adherence to the monolith and unstable coating
48th Series Student Project Programme(SPP): 2024-25
9
Midterm Evaluation
Shabnam Siddi...
Rukmini Yadah...
KSCST Library
Manisha Gopi...
Seema N Poojary
SANJANA
Chandan Kum...
31 others
Prajanya GP

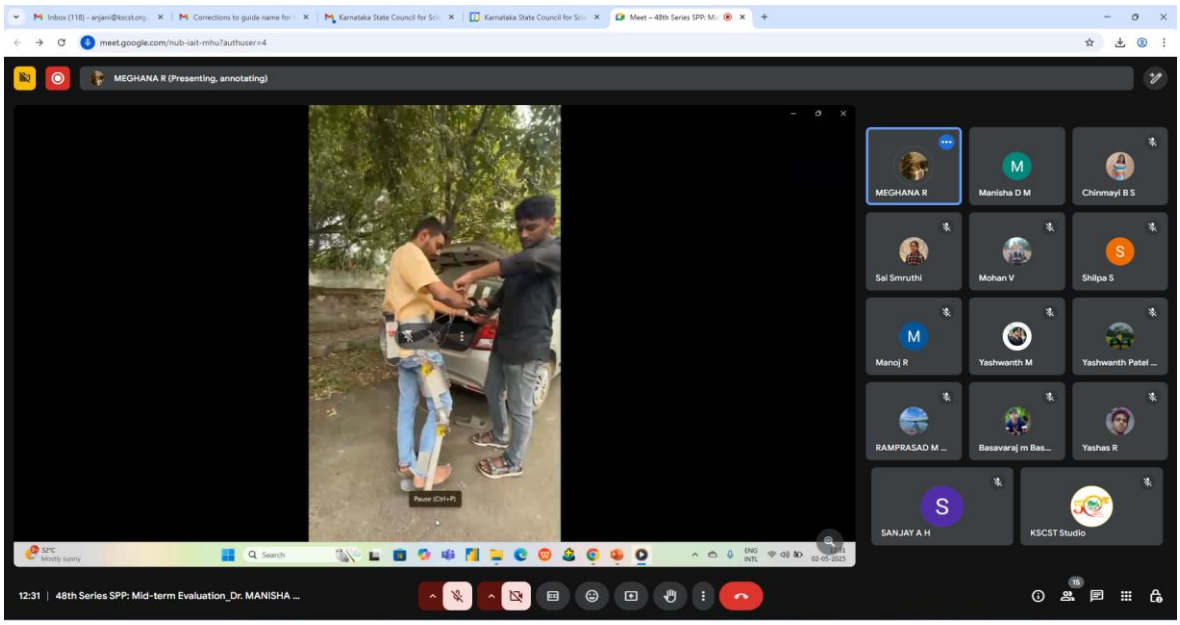

Ekagrath D Ganiga (Presenting, annotating)
Ekagrath D Gan...
Praveen Ra...
Aryan Puri
Gurucharan Na...
RAGI DIVYA SRI
Darshan Kur...
Harsha G
Chandrashekar ...
Mahesh. M
Fireflies.ai Not...
13 others
KSCST Studio
10:18 | 48th Series SPP: Mid-term Evaluation_Prof. PRAVEE...

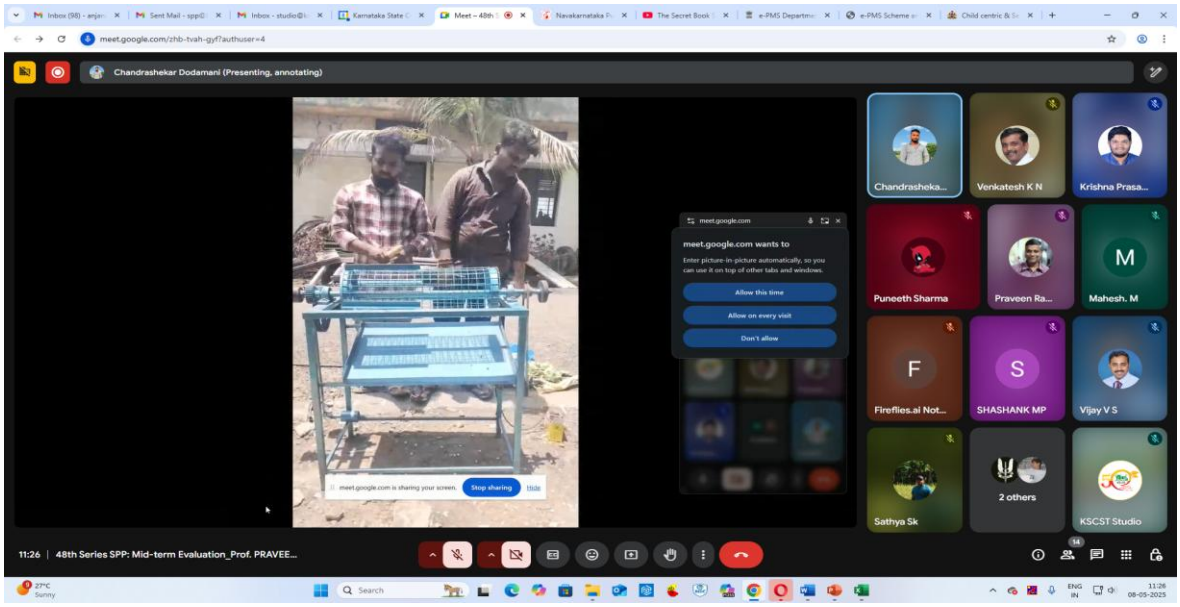
GLIMPSE OF 48TH SERIES STUDENT PROJECT PROGRAMME (SPP): MID-TERM EVALUATION OF KSCST SPONSORED PROJECTS

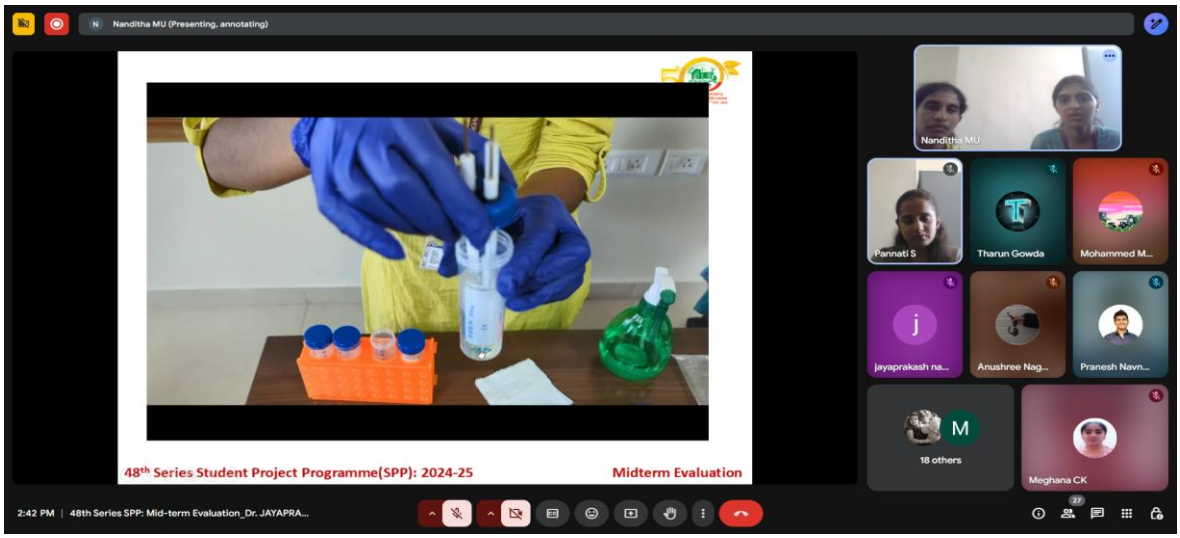






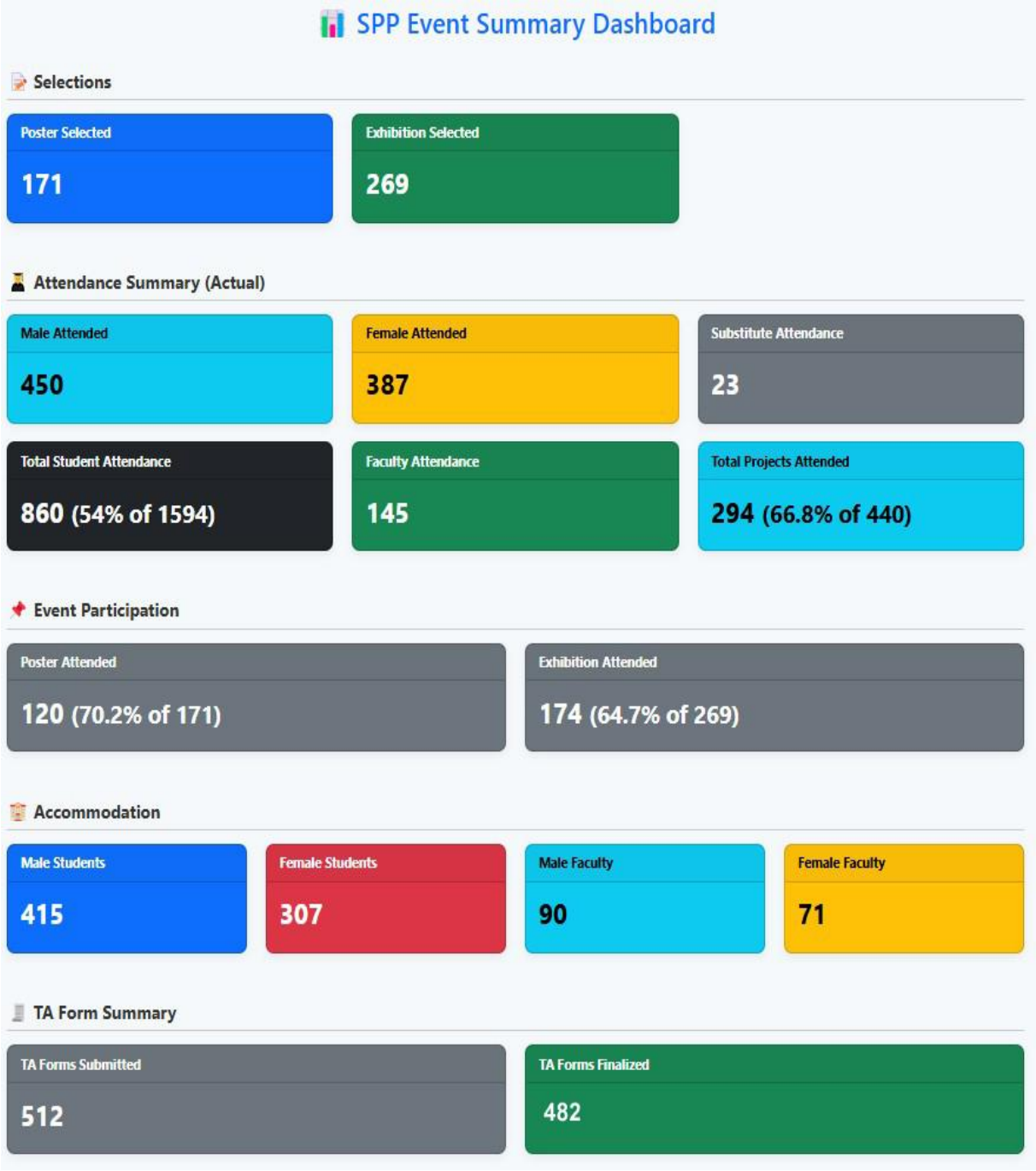

MEGHANA R (Presenting, annotating)
MEGHANA R
Manisha D M
Chinmayi B S
Sai Smruthi
Mohan V
Shilpa S
Manoj R
Yashwanth M
Yashwanth Patel ...
RAMPRASAD M ...
Basavaraj m Bas...
Yashas R
SANJAY A H
KSCST Studio
12:31 | 48th Series SPP: Mid-term Evaluation_Dr. MANISHA ...


Chandrashekar Dodamani (Presenting, annotating)
Chandrasheka...
Venkatesh K N
Krishna Prasa...
Puneeth Sharma
Praveen Ra...
Mahesh. M
Fireflies.ai Not...
SHASHANK MP
Vijay V S
Sathya Sk
2 others
KSCST Studio
meet.google.com wants to
Allow this time
Allow on every visit
Don't allow
11:26 | 48th Series SPP: Mid-term Evaluation_Prof. PRAVEE...


Nanditha MU (Presenting, annotating)
Nanditha MU
Pannati S
Tharun Gowda
Mohammed M...
jayaprakash na...
Anushree Nag...
Pranesh Navn...
18 others
Meghana CK
48th Series Student Project Programme(SPP): 2024-25
Midterm Evaluation
2:42 PM | 48th Series SPP: Mid-term Evaluation_Dr. JAYAPRA...

48th Student Project Programme: Annual State-Level Poster Presentation and Exhibition

The annual state-level poster presentation and exhibition of the Student Project Programme took place at Jawaharlal Nehru National College of Engineering (JNNCE), Shivamogga, on August 1-2, 2025. A total of 440 projects were chosen for the state-level poster presentation and exhibition and were invited to showcase the project findings. Out of 440 projects, 171 projects were invited for poster presentations and 269 projects for exhibit projects. These projects were from 120 engineering institutions and universities from the state and public to view the innovative work. The two days annual technical event witnessed participation of a total of 860 students and 145 faculty members.



The program commenced on August 1, 2025, at 10:30 AM in Ananya Mantapa, JNNCE, Bengaluru. The inauguration was led by Dr. Prashant Misra, Senior Scientist, Tata Consultancy Services -Research, Bengaluru. Distinguished guests included Prof. Ashok M. Raichur, Secretary, KSCST; Dr. P. Narayana, Joint Secretary, National Education Society; Sri. G. S. Narayana Rao, President, National Education Society; and Dr. Y. Vijaya Kumar, Principal, JNNCE, Shivamogga.

During the inaugural session, dignitaries encouraged students and faculty to embrace innovative thinking and address societal challenges through their projects. They emphasized the importance of fostering creative thinking and a research-oriented mindset. Prof. Ashok M. Raichur, Secretary, KSCST, highlighted the need for institutions to promote multidisciplinary projects, encouraging collaboration across various branches to create innovative and socially relevant solutions.

The event ultimately featured 298 projects (120 poster presentations projects out of 171 projects and 174 exhibition projects out of 269 projects), which were evaluated by a panel of 22 experts from institutions such as IISc, NAL, and CMTI. The expert jury recommended 50 projects from various streams for the "Best Project of the Year" award. Among these, two projects received sponsorship from the Karnataka State Bioenergy Development Board, Government of Karnataka, and seven projects were supported by the Artificial Intelligence and Robotics Technology Park (ARTPARK), IISc., and 41 projects were awarded which was funded with the support of Department of Science and Technology, Government of Karnataka. Further, REVA University, Bengaluru, was recognized as the "Best Performing College of the Year" by the expert jury committee.

The valedictory program was held in Ananya Mantapa on August 2, 2025, at 3:00 PM. Sri S. E. Sudheendra, Chairman (Cabinet Rank), Karnataka State Bioenergy Development Board, Government of Karnataka, graced the event as the chief guest. Other attendees included Prof. Ashok M. Raichur, Secretary, KSCST; Sri D. G. Ramnesh, Treasurer, National Education Society; Sri S. N. Nagaraj, Secretary, National Education Society; Dr. Y. Vijaya Kumar, Principal, JNNCE, Shivamogga; KSCST officials; faculty; and students. The "Best Project of the Year" and "Best College of the Year" awards were presented to the winners during the ceremony.

In addition, Prof. L. Umanand, Department of Electronic Systems Engineering, IISc, delivered a technical talk on “Challenges in E-Mobility Ecosystem” on August 2, 2025, at 12:00 PM. The talk was well-received by the faculty and student community, followed by an interactive Q&A session.

GLIMPSE OF 48TH SERIES STUDENT PROJECT PROGRAMME: ANNUAL STATE LEVEL POSTER PRESENTATION AND EXHIBITION



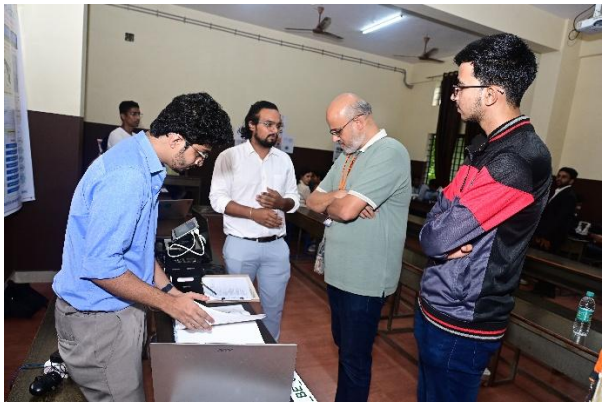



















CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY







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BENGALURU
and
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING (JNNCE),
SHIVAMOGGA


CONGRATULATIONS!


ARTPARK
KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST)
BENGALURU
Project
Poster

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST), BENGALURU

and

JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING (JNNCE), SHIVAMOGGA - 577 204

(Approved By AICTE, New Delhi, Affiliated to VTU, Belagavi)

48th Series STUDENT PROJECT PROGRAM
Annual State-Level Poster Presentation and Project Exhibition

1st and 2nd August 2025

Report



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST), BENGALURU

and

JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING (JNNCE), SHIVAMOGGA - 577 204

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48th Series
STUDENT PROJECT PROGRAM
Annual State-Level Poster Presentation and Project Exhibition

1st and 2nd August 2025



Venue : Jawaharlal Nehru New College of Engineering (JNNCE)
Navule, Shivamogga – 577 204, Karnataka

Inaugural Function

48th Series
STUDENT PROJECT PROGRAM
Annual State-Level Poster Presentation and Project Exhibition

Date : 01.08.2025, Friday | Time: 10.30 AM
Venue : Ananya Mantapa,
Jawaharlal Nehru New College of Engineering, Shivamogga

Inauguration by : **Dr. Prasant Misra**
Senior Scientist
Tata Consultancy Services - Research, Bengaluru

Guests of Honor : **Prof. Ashok M. Raichur** FNAE, FNASc, FRSC
Secretary, Karnataka State Council for Science and Technology
Professor, Department of Materials Engineering,
Indian Institute of Science, Bengaluru

Dr. P. Narayana
Joint Secretary, National Education Society, Shivamogga

Dr. Y.Vijaya Kumar
Principal, JNNCE, Shivamogga

Presided by : **Sri. G. S. Narayana Rao**
President, National Education Society, Shivamogga

Dr. Ravikumar B.N
SPP Co-ordinator
Asst., Professor,
Department of Mechanical Engineering
JNNCE, Shivamogga

Dr. Chethan S. G.
SPP Cordinator
Asst., Professor,
Department of Chemistry,
JNNCE, Shivamogga

Sri. K. N. Venkatesh
Senior Project Engineer and
Co-ordinator-SPP, KSCST,
Bengaluru

All are Cordially Invited

Valedictory and Best Project of the Year Awards Presentation Function

48th Series
STUDENT PROJECT PROGRAM
Annual State-Level Poster Presentation and Project Exhibition

Date : 02.08.2025, Saturday | Time: 3.00 PM
Venue : Ananya Mantapa,
Jawaharlal Nehru New College of Engineering, Shivamogga

Chief Guest : **Shri S. E. Sudheendra**
Chairman (Cabinet Rank)
Karnataka State Bio-Energy Development Board
Government of Karnataka

Guests of Honor : **Prof. Ashok M. Raichur** FNAE, FNASc, FRSC
Secretary, Karnataka State Council for Science and Technology
Professor, Department of Materials Engineering,
Indian Institute of Science, Bengaluru

Sri D.G. Ramesh
Treasurer, National Education Society, Shivamogga

Dr. Y.Vijaya Kumar
Principal, JNNCE, Shivamogga

Presided by : **Sri S. N. Nagaraja**
Secretary, National Education Society, Shivamogga

Dr. Y. Vijaya Kumar
Principal, JNNCE,
Shivamogga

Prof. Ashok M. Raichur
Secretary, KSCST
Bengaluru

All are Cordially Invited

Program Schedule

Date: 1st August 2025

Timings	Event	Venue
08.30 am to 10.00 am	Breakfast	Food Court, Ananya Mantapa
09.00 am to 10.30 am	Registration	Library Block
10.30 am 12.00 noon	Inauguration	Ananya Mantapa
12.00 noon to 01.00pm	Poster presentation and exhibition Inauguration & Visit	Silver Jubilee Building and STEP Block
01.00 pm to 01.45 pm	Lunch	Food Court, Ananya Mantapa
01.45 pm to 06.00 pm	Judging of Poster presentation and Projects Exhibition	Silver Jubilee Building and STEP Block
06.15 pm to 07.45 pm	Cultural Programme	Ananya Mantapa
07.45 pm to 08.45 pm	Dinner	Food Court, Ananya Mantapa

Date: 2nd August 2025

Timings	Event	Venue
08.30 am to 10.00 am	Breakfast	Food Court, Ananya Mantapa
09.30 am to 12.00 pm	Project Exhibition / Judging	Silver Jubilee Building and STEP Block
12.00 noon to 12.40 pm	**Technical Lecture by** Prof. L. Umanand Department of Electronic Systems Engineering, Indian Institute of Science, Bengaluru **Topic : Challenges in e-mobility ecosystem**	Ananya Mantapa
01.00 pm to 02.00 pm	Lunch	Food Court, Ananya Mantapa
03.00 pm to 05.00pm	Valedictory and Prize distribution Function	Ananya Mantapa
05.00 pm to 5.30 pm	High Tea	Food Court, Ananya Mantapa

National Education Society ®, Shivamogga
Jawaharlal Nehru New College of Engineering (JNNCE)
Navule, Shivamogga – 577 204, Karnataka
Website: www.jnnce.ac.in | Email: principal@jnnce.ac.in

This program is catalysed and supported by :
Department of Science and Technology, Government of India
Department of Science and Technology, Government of Karnataka
Artificial Intelligence and Robotics Technology Park (ART-Park), IISc.
Karnataka State Bioenergy Development Board, Government of Karnataka

PRESS MEET

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಹಾಗೂ ಜವಹರಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ ಇವರ ಸಹಯೋಗ ದೊಂದಿಗೆ 48 ನೇ ಸರಣಿಯ ರಾಜ್ಯ ಮಟ್ಟದ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಷ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ಪ್ರಾಜೆಕ್ಟ್ ಗಳ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ (ಏಖಅಖಖಿ) ಹಾಗೂ ಜವಹರಲಾಲ್ ನೆಹರೂ ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ ಸಹಯೋಗ ದೊಂದಿಗೆ ದಿನಾಂಕ 1 ಹಾಗೂ 2 ಆಗಸ್ಟ್ 2025 ರಂದು ಜೆ ಎನ್ ಎನ್ ಸಿ ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48 ನೇ ಸರಣಿಯ ರಾಜ್ಯ ಮಟ್ಟದ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಷ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ಪ್ರಾಜೆಕ್ಟ್ ಗಳ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ ಆಚೋಜಿಸಿದೆ.

ಈ ಕಾರ್ಯಕ್ರಮವನ್ನು ಟಾಟಾ ಕನ್ಸಲ್ಟನ್ಸಿ ಸರ್ವಿಸಸ್ ಮತ್ತು ಸಂಶೋಧನೆ, ಬೆಂಗಳೂರುನ ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ. ಪ್ರಶಾಂತ ಮಿಶ್ರ ರವರು ಉದ್ಘಾಟನೆಯನ್ನು ನೆರವೇರಿಸಲಿದ್ದಾರೆ, ಕಾರ್ಯಕ್ರಮದ ಮುಖ್ಯಅತಿಥಿಗಳಾಗಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿಯ ಕಾರ್ಯದರ್ಶಿ ಮತ್ತು ಭಾರತೀಯ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆಯ ಮೆಟೀರಿಯಲ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕರಾದ. ಅಶೋಕ್ ಎಂ ರಾಯಿಚೂರು ಭಾಗವಹಿಸಲಿದ್ದಾರೆ.ಕಾರ್ಯಕ್ರಮ ದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿಯ ಅಧ್ಯಕ್ಷರಾದ ಶ್ರೀ ಜಿ.ಎಸ್ ನಾರಾಯಣ ರಾವ್ ವಹಿಸಲಿದ್ದಾರೆ. ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿಯ ಸಹಕಾರ್ಯದರ್ಶಿಗಳಾದ ಡಾ. ಪಿ ನಾರಾಯಣ, ಮತ್ತು ಜವಹರಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾನಿಲಯದ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ವೈ ವಿಜಯ ಕುಮಾರ್ ರವರು ಉಪಸ್ಥಿತರಿರುವರು.

ದಿನಾಂಕ 2–8–2025 ರ ಮಧ್ಯಾಹ್ನ 3.00 ಘಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭ ಹಾಗೂ ವರ್ಷದ ಅತ್ಯುತ್ತಮ ಪ್ರಾಜೆಕ್ಟ್ ಪ್ರಶಸ್ತಿ ಪ್ರದಾನ ಕಾರ್ಯಕ್ರಮವನ್ನು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಕರ್ನಾಟಕ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿಯ ಅಧ್ಯಕ್ಷರು (ಕ್ಯಾಬಿನೆಟ್ ಶ್ರೇಣಿ) ಶ್ರೀ ಎಸ್ ಇ ಸುದೀಂದ್ರ ಅವರು ಮುಖ್ಯ ಅತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ರಾಷ್ಟ್ರೀಯಶಿಕ್ಷಣ ಸಮಿತಿಯ ಕಾರ್ಯದರ್ಶಿಗಳಾದ ಶ್ರೀ ಎಸ್ ಎನ್ ನಾಗರಾಜ್ ನಿರ್ವಹಿಸಲಿದ್ದಾರೆ. ಈ ಸಮಾರಂಭದಲ್ಲಿ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿಯ ಖಂಜಾಚಿಯವರಾದ ಶ್ರೀ ಡಿ.ಜಿ ರಮೇಶ ಹಾಗೂ ಜೆಎನ್ಎನ್ಸಿ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ವೈ ವಿಜಯಕುಮಾರ್ ಉಪಸ್ಥಿತಲಿರುವರು.

ಎರಡು ದಿನದ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಒಟ್ಟು 440 ಪ್ರಾಜೆಕ್ಟ್ ಗಳು ಪ್ರದರ್ಶನಗೊಳ್ಳಲಿವೆ. ಇದರಲ್ಲಿ 180 ಪೋಸ್ಟರ್ ಗಳು ಸೇರಿರುವುದು ವಿಶೇಷವಾಗಿದೆ. ಈ ಎಲ್ಲಾ ಪ್ರಾಜೆಕ್ಟ್ ಗಳನ್ನು 21 ಪರಿಣತ ವಿಜ್ಞಾನಿಗಳು ಮೌಲ್ಯ ಮಾಪನ ಮಾಡುವರು ಈ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ವಿಶೇಷ ತಾಂತ್ರಿಕ ಉಪನ್ಯಾಸಗಳನ್ನು ಆಯೋಜಿಸಲಾಗಿದ್ದು ಬೆಂಗಳೂರಿನ ಇಂಡಿಯನ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಪ್ ಸೈನ್ಸನ ಎಲೆಕ್ಟ್ರಾನಿಕ್ ಸಿಸ್ಟಮ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಪ್ರಾಧ್ಯಾಪಕ ರಾದ ಪ್ರೊ ಎಲ್ ಉಮಾನಂದ್ ಅವರು "ಇ ಮೊಬಿಲಿಟಿ ಪರಿಸರ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ" ನ ವಿಷಯ ದ ಕುರಿತಾಗಿ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ರಾಜ್ಯದ ವಿವಿಧ ಇಂಜನಿಯರಿಂಗ್ ಕಾಲೇಜ್ ಗಳಿಂದ 750 ಕ್ಕೂಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು ಹಾಗೂ 180 ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಧ್ಯಾಪಕರು ಪಾಲ್ಗೊಳ್ಳಲಿದ್ದಾರೆ ..

PRESS MEET

ರಾಜ್ಯೋತ್ಸವ ಪ್ರಶಸ್ತಿ ಪುರಸ್ಕೃತ ಹಿರಿಯ ಪತ್ರಕರ್ತ ಎಸ್. ಚಂದ್ರಕಾಂತ್ ಸಾರಥ್ಯದಲ್ಲಿ....

ಶಿವಮೊಗ್ಗ ಟೈಮ್ಸ್ ನಂ 1
Shimoga Times
Shimoga Date : Wednesday 30 JULY 2025
PRGI NO. 27240/74 Reg. No. KA/SK.SMG : 202 / 2021-2023 Phone : 08182 - 226699 Fax : 08182-226698
Kannada Evening Daily e-mail :spp.shimogatimes@gmail.com, e-paper : www.shimogatimes.blogspot.com
PRGI No.:27240 ಸಂಖ್ಯೆ:51 Vol: 51, ಸಂಚಿಕೆ: 298 Issue: 298,ಪುಟಗಳು:ನ.ಪ. 50, ದಿನಪತ್ರಿಕೆ Price: ರೂ. 2.00
1ನೇ ಜಾಗದಲ್ಲಿ ಸತತ ನಿಗದ ಅಸ್ತಿತ್ವದಲ್ಲಿ
ಕನ್ನಡ ಪತ್ರಿಕೆ
• ಜಿಲ್ಲಾ ಮಟ್ಟದ ಪತ್ರಿಕೆಗಳ ಪ್ರಸಾರ ಸಂಖ್ಯೆಯಲ್ಲಿ

ಆ.1 ಮತ್ತು 2ರಂದು ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ : ನಾಗರಾಜ್



ಶಿವಮೊಗ್ಗ : ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ವತಿಯಿಂದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ.1 ಮತ್ತು 2 ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವು ನಡೆಯಲಿದೆ ಎಂದು ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅವರು ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ತಿಳಿಸಿದರು.

ಆ.1ರ ಶುಕ್ರವಾರ ಬೆಳಿಗ್ಗೆ 10:30 ಕ್ಕೆ ಕಾರ್ಯಕ್ರಮವನ್ನು ಮಂಡಲದ ಅಧ್ಯಕ್ಷರಾದ ಜಿ.ಎಸ್. ಸುರೇಶ್ ಅವರು ಉದ್ಘಾಟಿಸಲಿದ್ದಾರೆ. ಆ.2ರ ಶನಿವಾರ ಮಧ್ಯಾಹ್ನ 3 ಗಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ. ಸುಧೀಂದ್ರ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದು, ಹಿರಿಯ ಸಾಧಕರಿಗೆ ಸನ್ಮಾನ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಲಿದೆ. ಮಂಡಳ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಸಿ. ಮಲ್ಲಿಕಾರ್ಜುನ ಅವರು ಸ್ವಾಗತಿಸಲಿದ್ದಾರೆ. ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಹಿರಿಯ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಡಾ.ಕೆ. ಎಸ್.ಸುರೇಂದ್ರ ಅವರು ಪೋಸ್ಟರ್‌ಗಳ ಪ್ರಸ್ತುತಿಗೊಳ್ಳಲಿದೆ.

ಈ ಎಲ್ಲಾ ನಾವೀನ್ಯ ಯೋಜನೆಗಳನ್ನು ಐ.ಐ.ಎಸ್.ಸಿ, ಎಸ್.ಎ.ಎಲ್, ಸಿ.ಎಸ್.ಟಿ.ಐ. ಸಂಸ್ಥೆಗಳ 21 ಪರಿಣಿತ ವಿಜ್ಞಾನಿಗಳು ಮೌಲ್ಯಮಾಪನ ನಡೆಸಲಿದ್ದು, ಸುಮಾರು 50 ಯೋಜನೆಗಳಿಗೆ 'ವರ್ಷದ ಆತ್ಮನಿರ್ಭರ ಯೋಜನೆ' ಬಹುಮಾನ ನೀಡಲಾಗುತ್ತಿದೆ. ವಿವಿಧ ಕಾಲೇಜುಗಳ 750ಕ್ಕೂ ಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು, 180 ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಅಧ್ಯಕ್ಷರಾದ ಜಿ.ಎಸ್. ಸುರೇಶ್ ಮಾತನಾಡಿ, ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ. 1 ಮತ್ತು 2ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವು ನಡೆಯಲಿದೆ ಎಂದು ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಹೇಳಿದರು.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಅಧ್ಯಕ್ಷ ಜಿ.ಎಸ್. ಸುರೇಶ್, ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ. ವಿಜಯಕುಮಾರ್, ಆಡಳಿತಾಧಿಕಾರಿ ಡಾ.ಸಿ. ಮಲ್ಲಿಕಾರ್ಜುನ, ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅವರು ಮಾಹಿತಿ ನೀಡಿದರು.

ಆ.1ರ ಶುಕ್ರವಾರ ಬೆಳಿಗ್ಗೆ 10:30 ಕ್ಕೆ ಕಾರ್ಯಕ್ರಮವನ್ನು ಮಂಡಲದ ಅಧ್ಯಕ್ಷರಾದ ಜಿ.ಎಸ್. ಸುರೇಶ್ ಅವರು ಉದ್ಘಾಟಿಸಲಿದ್ದಾರೆ. ಆ.2ರ ಶನಿವಾರ ಮಧ್ಯಾಹ್ನ 3 ಗಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ. ಸುಧೀಂದ್ರ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದು, ಹಿರಿಯ ಸಾಧಕರಿಗೆ ಸನ್ಮಾನ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಲಿದೆ. ಮಂಡಳ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಸಿ. ಮಲ್ಲಿಕಾರ್ಜುನ ಸ್ವಾಗತಿಸಲಿದ್ದಾರೆ. ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಹಿರಿಯ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಡಾ.ಕೆ. ಎಸ್.ಸುರೇಂದ್ರ ಅವರು ಪೋಸ್ಟರ್‌ಗಳ ಪ್ರಸ್ತುತಿಗೊಳ್ಳಲಿದೆ.

ಈ ಎಲ್ಲಾ ನಾವೀನ್ಯ ಯೋಜನೆಗಳನ್ನು ಐ.ಐ.ಎಸ್.ಸಿ, ಎಸ್.ಎ.ಎಲ್, ಸಿ.ಎಸ್.ಟಿ.ಐ. ಸಂಸ್ಥೆಗಳ 21 ಪರಿಣಿತ ವಿಜ್ಞಾನಿಗಳು ಮೌಲ್ಯಮಾಪನ ನಡೆಸಲಿದ್ದು, ಸುಮಾರು 50 ಯೋಜನೆಗಳಿಗೆ 'ವರ್ಷದ ಆತ್ಮನಿರ್ಭರ ಯೋಜನೆ' ಬಹುಮಾನ ನೀಡಲಾಗುತ್ತಿದೆ. ವಿವಿಧ ಕಾಲೇಜುಗಳ 750ಕ್ಕೂ ಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು, 180 ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಲಿದ್ದಾರೆ.

ಅಜೆಯ
॥ ಮುತ್ಸ್ಯ ಧೀತೀರ್ ವ್ಯಜೆನಾನಿ ಹಂತಿ ॥
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ಆ. 1–2ರಂದು ಜೆಎನ್‌ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ ಕಾರ್ಯಕ್ರಮ

ರಾಜ್ಯಮಟ್ಟದ 48ನೇ ಎಂಜಿನಿಯರಿಂಗ್ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ



ಶಿವಮೊಗ್ಗ: ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ವತಿಯಿಂದ ಜೆಎನ್‌ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ. 1 ಮತ್ತು 2ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವು ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವಾಗಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಹಿರಿಯ ಪ್ರಾಜೆಕ್ಟ್ ಮ್ಯಾನೇಜರ್ ಕೆ.ಎನ್.ವೆಂಕಟೇಶ್ ಮಾತನಾಡಿ, 1975ರಲ್ಲಿ ಸ್ಥಾಯಿತ್ವ ಸಂಸ್ಥೆಯಾಗಿ ಪ್ರಾರಂಭಗೊಂಡ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ನಗರದ ಪ್ರದೇಶದ ಸವಾಲುಗಳನ್ನು ಯುವ ಸಮೂಹದ ನಾವೀನ್ಯ ಚಿಂತನೆಗಳ ಮೂಲಕ ಬಗೆಹರಿಸುವ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಿದೆ. ಶಿಕ್ಷಣ, ಬಯೋ ಡೈವರ್ಸಿಟಿ, ಜಲಸಂಪನ್ಮೂಲ ಬಳಕೆ, ಗೃಹೋಪಯೋಗ ಸೇರಿದಂತೆ ವಿವಿಧ ಕ್ಷೇತ್ರಗಳ ಸವಾಲುಗಳನ್ನು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸಿದೆ.

ಪ್ರೌಢಶಾಲಾ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇ-ಲರ್ನಿಂಗ್ ಕೇಂದ್ರಗಳು, ತ್ರಿಡಿ ತಂತ್ರಜ್ಞಾನಗಳ ಬಳಕೆಯಂತಹ ಪ್ರೇರಣೀಯ ಕಾರ್ಯ ಮಾಡುತ್ತಿದೆ. ಜೊತೆಯಲ್ಲಿ ಸ್ಟಾರ್ಟ್ ಅಪ್‌ಗಳನ್ನು ಹೆಚ್ಚು ಸ್ಥಾಪಿಸಲು ಯುವ ಸಮೂಹಕ್ಕೆ ಉತ್ತೇಜನ ನೀಡಲಾಗುತ್ತಿದೆ. ಜಿಲ್ಲೆಯ ನೈಸರ್ಗಿಕ ಸಂಪನ್ಮೂಲಗಳು, ಜನಸಂಖ್ಯಾಶಾಸ್ತ್ರ, ಕೃಷಿ ಮತ್ತು ಸಾಮಾಜಿಕ ಆರ್ಥಿಕತೆ, ಮೂಲಸೌಕರ್ಯ ಸೌಲಭ್ಯಗಳ ಕುರಿತು ಡಿಜಿಟಲ್ ಡೇಟಾಬೇಸ್ ಅನ್ನು ರಚಿಸಿ ನಿರ್ವಹಿಸುವಂತಹ ಪ್ರಮುಖ ಉದ್ದೇಶ ಈ ಕೇಂದ್ರದ್ದಾಗಿದೆ ಎಂದು ವಿವರಿಸಿದರು.

440 ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ ಎರಡು ದಿನಗಳ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ರಾಜ್ಯದ ವಿವಿಧ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳ 440 ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನಗೊಳ್ಳಲಿದ್ದು, 180 ಪೋಸ್ಟರ್‌ಗಳು ಪ್ರಸ್ತುತಗೊಳ್ಳಲಿದೆ. ಈ ಎಲ್ಲಾ ನಾವೀನ್ಯ ಯೋಜನೆಗಳನ್ನು ಐಐಎಸ್‌ಸಿ, ಎನ್‌ಎಎಲ್, ಸಿಎಂಟಿ ಸಂಸ್ಥೆಗಳ 21 ಪರಿಣಿತ ವಿಜ್ಞಾನಿಗಳು ಮೌಲ್ಯಮಾಪನ ನಡೆಸಲಿದ್ದು, ಸುಮಾರು 50 ಯೋಜನೆಗಳಿಗೆ 'ವರ್ಷದ ಆತ್ಮನಿರ್ಭರ ಯೋಜನೆ' ಬಹುಮಾನ ನೀಡಲಾಗುತ್ತಿದೆ. ವಿವಿಧ ಕಾಲೇಜುಗಳ 750ಕ್ಕೂ ಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು, 180ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಲಿದ್ದಾರೆ.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಎಸ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಸಿ.ನಾರಾಯಣ, ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ. ವಿಜಯಕುಮಾರ್, ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್. ರವಿಕುಮಾರ್, ಡಾ. ಚೇತನ್ ಎಸ್.ಜೆ., ಎನ್‌ಇಎಸ್ ಪಿಆರ್‌ಒ ಸಿ.ಎಂ. ಸೃಪತುಂಗ ಉಪಸ್ಥಿತರಿದ್ದರು.

ನಂ 1
ತುಂಗಾ ತರಂಗೆ
Tu2nga Taranga Kannada Daily
48 ರ ಸಾರ್ಥಕ ಸೇವೆಯ ಸಂಭ್ರಮದಲ್ಲಿ...
ಕನ್ನಡ ದಿನಪತ್ರಿಕೆ

ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಮತ್ತು ಜೆ.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಿಂದ ಆಯೋಜನೆ । ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ನಾಗರಾಜ



ಶಿವಮೊಗ್ಗ, ಜು.30:

ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ವತಿಯಿಂದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ.1 ಮತ್ತು 2 ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48 ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವು ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವಾಗಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಹಿರಿಯ ಪ್ರಾಜೆಕ್ಟ್ ಮ್ಯಾನೇಜರ್ ಕೆ.ಎನ್.ವೆಂಕಟೇಶ್ ಮಾತನಾಡಿ, 1975ರಲ್ಲಿ ಸ್ಥಾಯಿತ್ವ ಸಂಸ್ಥೆಯಾಗಿ ಪ್ರಾರಂಭಗೊಂಡ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ನಗರದ ಪ್ರದೇಶದ ಸವಾಲುಗಳನ್ನು ಯುವ ಸಮೂಹದ ನಾವೀನ್ಯ ಚಿಂತನೆಗಳ ಮೂಲಕ ಬಗೆಹರಿಸುವ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಿದೆ. ಶಿಕ್ಷಣ, ಬಯೋಡೈವರ್ಸಿಟಿ, ಜಲಸಂಪನ್ಮೂಲ ಬಳಕೆ, ಗೃಹೋಪಯೋಗ ಸೇರಿದಂತೆ ವಿವಿಧ ಕ್ಷೇತ್ರಗಳ ಸವಾಲುಗಳನ್ನು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸಿದೆ. ಪ್ರೌಢಶಾಲಾ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಇ-ಲರ್ನಿಂಗ್ ಕೇಂದ್ರಗಳು, ತ್ರಿಡಿ ತಂತ್ರಜ್ಞಾನಗಳ ಬಳಕೆಯಂತಹ ಪ್ರೇರಣೀಯ ಕಾರ್ಯ ಮಾಡುತ್ತಿದೆ. ಜೊತೆಯಲ್ಲಿ ಸ್ಟಾರ್ಟ್ ಅಪ್‌ಗಳನ್ನು ಹೆಚ್ಚು ಸ್ಥಾಪಿಸಲು ಯುವ ಸಮೂಹಕ್ಕೆ ಉತ್ತೇಜನ ನೀಡಲಾಗುತ್ತಿದೆ. ಜಿಲ್ಲೆಯ ನೈಸರ್ಗಿಕ ಸಂಪನ್ಮೂಲಗಳು, ಜನಸಂಖ್ಯಾಶಾಸ್ತ್ರ, ಕೃಷಿ ಮತ್ತು ಸಾಮಾಜಿಕ ಆರ್ಥಿಕತೆ, ಮೂಲಸೌಕರ್ಯ ಸೌಲಭ್ಯಗಳ ಕುರಿತು ಡಿಜಿಟಲ್ ಡೇಟಾಬೇಸ್ ಅನ್ನು ರಚಿಸಿ ನಿರ್ವಹಿಸುವಂತಹ ಪ್ರಮುಖ ಉದ್ದೇಶ ಈ ಕೇಂದ್ರದ್ದಾಗಿದೆ ಎಂದು ವಿವರಿಸಿದರು.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಎಸ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಸಿ. ನಾರಾಯಣ, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ. ವಿಜಯ ಕುಮಾರ್, ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್. ರವಿಕುಮಾರ್, ಡಾ.ಚೇತನ್ ಎಸ್.ಜೆ., ಎನ್‌ಇಎಸ್ ಪಿ.ಆರ್.ಒ ಸಿ.ಎಂ. ಸೃಪತುಂಗ ಉಪಸ್ಥಿತರಿದ್ದರು.

■ ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಮತ್ತು ಜೆ.ಎನ್. ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು ಆಯೋಜನೆ

ಆ.1-2: ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ



ನಾವಿಕ,ಶಿವಮೊಗ್ಗ,ಜು. 30:-

ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳ ವತಿಯಿಂದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ.1 ಮತ್ತು 2 ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48 ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವು ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮವಾಗಿ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಆ.1ರ ಶುಕ್ರವಾರ ಆವರಣದ 3 ಗಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ.ಸುಧೀಂದ್ರ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ಜೆ.ಎನ್.ಎನ್ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದು, ಹಿರಿಯ ಸಾಧಕರಿಗೆ ಸನ್ಮಾನ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಲಿದೆ. ಮಂಡಳ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಸಿ. ಮಲ್ಲಿಕಾರ್ಜುನ ಸ್ವಾಗತಿಸಲಿದ್ದಾರೆ. ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಹಿರಿಯ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಡಾ.ಕೆ. ಎಸ್.ಸುರೇಂದ್ರ ಅವರು ಪೋಸ್ಟರ್‌ಗಳ ಪ್ರಸ್ತುತಿಗೊಳ್ಳಲಿದೆ.

440 ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಎರಡು ದಿನಗಳ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ರಾಜ್ಯದ ವಿವಿಧ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳ 440 ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನಗೊಳ್ಳಲಿದ್ದು, 180 ಪೋಸ್ಟರ್‌ಗಳು ಪ್ರಸ್ತುತಗೊಳ್ಳಲಿದೆ. ಈ ಎಲ್ಲಾ ನಾವೀನ್ಯ ಯೋಜನೆಗಳನ್ನು ಐ.ಐ.ಎಸ್.ಸಿ, ಎನ್.ಎ.ಎಲ್, ಸಿ.ಎಂ.ಟಿ.ಐ ಸಂಸ್ಥೆಗಳ 21 ಪರಿಣಿತ ವಿಜ್ಞಾನಿಗಳು ಮೌಲ್ಯಮಾಪನ ನಡೆಸಲಿದ್ದು, ಸುಮಾರು 50 ಯೋಜನೆಗಳಿಗೆ 'ವರ್ಷದ ಆತ್ಮನಿರ್ಭರ ಯೋಜನೆ' ಬಹುಮಾನ ನೀಡಲಾಗುತ್ತಿದೆ. ವಿವಿಧ ಕಾಲೇಜುಗಳ 750ಕ್ಕೂ ಅಧಿಕ ವಿದ್ಯಾರ್ಥಿಗಳು, 180 ಕ್ಕೂ ಹೆಚ್ಚು ಪ್ರಾಧ್ಯಾಪಕರು ಭಾಗವಹಿಸಲಿದ್ದಾರೆ.

ಡಿ.ಜಿ.ರಮೇಶ್, ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್ ಆತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ ಎಂದ ಅವರು, ಅಂದು ಬೆಳಿಗ್ಗೆ10ರಿಂದ ಐ.ಐ.ಎಸ್.ಸಿ ಪ್ರಾಧ್ಯಾಪಕ ಪ್ರೊ.ಎಸ್.ಉಮಾನಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಕೆ.ಎಸ್.ಸಿ.

PRESS MEET

ಕನ್ನಡಪ್ರಭ

ನಾಳೆಯಿಂದ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ರಾಜ್ಯಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ । ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ, ಜೆಎನ್‌ಎನ್ ಕಾಲೇಜಿನಿಂದ ಆಯೋಜನೆ: ನಾಗರಾಜ

• ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿಯಿಂದ ಜೆಎನ್‌ಎನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ.1 ಮತ್ತು 2 ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48ನೇ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ ಏರ್ಪಡಿಸಲಾಗಿದೆ ಎಂದು ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ ತಿಳಿಸಿದರು.

ಶಿವಮೊಗ್ಗದಲ್ಲಿ ಬುಧವಾರ ಪತ್ರಿಕಾಗೋಷ್ಠಿಯಲ್ಲಿ ಪ್ರಾಚಾರ್ಯ ಜೆ.ಎನ್.ಎನ್. ಮಾಹಿತಿ ನೀಡಿದರು.

ಬುಧವಾರ ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಮಾತನಾಡಿದ ಅವರು, ಆ.1 ರ ಶುಕ್ರವಾರ ಕಾಲೇಜಿನ ಅನನ್ಯ ಮಂಟಪದಲ್ಲಿ ಬೆಳಿಗ್ಗೆ 10:30 ಕ್ಕೆ ನಡೆಯುವ ಉದ್ಘಾಟನಾ ಸಮಾರಂಭವನ್ನು ಟಾಟಾ ಕನ್ಸಲ್ಟೆನ್ಸಿ ಸರ್ವಿಸ್ ಸಂಶೋಧನಾ ವಿಭಾಗದ ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ.ಪ್ರಶಾಂತ್ ಮಿಶ್ರ ಉದ್ಘಾಟಿಸಲಿದ್ದು, ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಅಧ್ಯಕ್ಷರಾದ ಜಿ.ಎಸ್.ನಾರಾಯಣ ರಾವ್ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದಾರೆ. ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ.ಎಂ.ರಾಯಚೂರು, ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಪಿ.ನಾರಾಯಣ, ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್ ಅತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ ಎಂದರು.

ಆ.2 ರ ಶನಿವಾರ ಅಪರಾಹ್ನ 3 ಗಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ.ಸುಧೀಂದ್ರ ಸಮಾರೋಪ ನುಡಿಗಳನ್ನಾಡಲಿದ್ದು, ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದಾರೆ. ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ.ಎಂ.ರಾಯಚೂರು, ಎನ್‌ಇಎಸ್ ವಿಜಾಂಚಿ ಡಿ.ಜಿ.ರಮೇಶ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್ ಅತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಅಂದು ಬೆಂಗಳೂರಿನ ಐ.ಐ.ಎಸ್.ಸಿ ಪ್ರಾಧ್ಯಾಪಕ ಪ್ರೊ.ಎಲ್.ಉಮಾನಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಪಿ.ನಾರಾಯಣ, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್, ಸಂಶೋಧನಾ ಡೀನ್ ಡಾ.ಎಸ್.ವಿ.ಸತ್ಯನಾರಾಯಣ, ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್.ರವಿಕುಮಾರ್, ಡಾ.ಚೇತನ್.ಎಸ್.ಜಿ, ಎನ್‌ಇಎಸ್ ಪಿ.ಆರ್.ಓ ಸಿ.ಎಂ.ನೃಪತುಂಗ ಉಪಸ್ಥಿತರಿದ್ದರು.

ಎಚ್ಚರಿಕೆ

ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಜೆಎನ್‌ಎನ್‌ಸಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಆ.1, 2ರಂದು ಆಯೋಜನೆ

ಸಂಯುಕ್ತ ಕರ್ನಾಟಕ

ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಶಿವಮೊಗ್ಗ: ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿಯಿಂದ ಜೆ.ಎನ್.ಎನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಸಹಯೋಗದಲ್ಲಿ ಆ.1, 2ರಂದು ಕಾಲೇಜಿನ ಆವರಣದಲ್ಲಿ 48ನೇ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ ಏರ್ಪಡಿಸಲಾಗಿದೆ ಎಂದು ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ ತಿಳಿಸಿದರು.

ಬುಧವಾರ ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಮಾತನಾಡಿದ ಅವರು, ಆ.1 ರ ಶುಕ್ರವಾರ ಕಾಲೇಜಿನ ಅನನ್ಯ ಮಂಟಪದಲ್ಲಿ ಬೆಳಿಗ್ಗೆ 10:30 ಕ್ಕೆ ನಡೆಯುವ ಉದ್ಘಾಟನಾ ಸಮಾರಂಭವನ್ನು ಟಾಟಾ ಕನ್ಸಲ್ಟೆನ್ಸಿ ಸರ್ವಿಸ್ ಸಂಶೋಧನಾ ವಿಭಾಗದ ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ.ಪ್ರಶಾಂತ್ ಮಿಶ್ರ ಉದ್ಘಾಟಿಸಲಿದ್ದು, ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಅಧ್ಯಕ್ಷರಾದ ಜಿ.ಎಸ್.ನಾರಾಯಣ ರಾವ್ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದಾರೆ. ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ.ಎಂ.ರಾಯಚೂರು, ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಪಿ.ನಾರಾಯಣ, ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್ ಅತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ ಎಂದರು.

ಆ.2 ರ ಶನಿವಾರ ಅಪರಾಹ್ನ 3 ಗಂಟೆಗೆ ನಡೆಯುವ ಸಮಾರೋಪ ಸಮಾರಂಭದಲ್ಲಿ ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ.ಸುಧೀಂದ್ರ ಸಮಾರೋಪ ನುಡಿಗಳನ್ನಾಡಲಿದ್ದು, ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದಾರೆ. ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ.ಎಂ.ರಾಯಚೂರು, ಎನ್‌ಇಎಸ್ ವಿಜಾಂಚಿ ಡಿ.ಜಿ.ರಮೇಶ್, ಪ್ರಾಂಶುಪಾಲ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್ ಅತಿಥಿಗಳಾಗಿ ಭಾಗವಹಿಸಲಿದ್ದಾರೆ. ಅಂದು ಬೆಂಗಳೂರಿನ ಐ.ಐ.ಎಸ್.ಸಿ ಪ್ರಾಧ್ಯಾಪಕ ಪ್ರೊ.ಎಲ್.ಉಮಾನಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ 'ಇ-ಮೊಬಿಲಿಟಿ ವ್ಯವಸ್ಥೆಯಲ್ಲಿನ ಸವಾಲುಗಳು' ಕುರಿತಾಗಿ ವಿಶೇಷ ಉಪನ್ಯಾಸ ನೀಡಲಿದ್ದಾರೆ ಎಂದರು.

ಸುದ್ದಿಗೋಷ್ಠಿಯಲ್ಲಿ ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಪಿ.ನಾರಾಯಣ, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್, ಸಂಶೋಧನಾ ಡೀನ್ ಡಾ.ಎಸ್.ವಿ.ಸತ್ಯನಾರಾಯಣ, ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್.ರವಿಕುಮಾರ್, ಡಾ.ಚೇತನ್.ಎಸ್.ಜಿ, ಎನ್‌ಇಎಸ್ ಪಿ.ಆರ್.ಓ ಸಿ.ಎಂ.ನೃಪತುಂಗ ಉಪಸ್ಥಿತರಿದ್ದರು.

ಫಲದಂಕ ಮಲ್ಲ

CHALADANKA MALLA KANNADA DAILY

ರಾಜ್ಯಮಟ್ಟದ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ–ಪ್ರಾಜೆಕ್ಟ್ ಪ್ರದರ್ಶನ

ಮಹಿಳೆಯರು ಮತ್ತು ಮಕ್ಕಳ ಕಳ್ಳಸ ಮಾಡುವುದು ನಾಗರಿಕ ಸಮ

ಉಚಿತ ದಂತ ತಪಾಸಣೆ ಹಾಗೂ ದಂತ ಆರೋಗ್ಯದ ಬಗ್ಗೆ ಮಾಹಿತಿ ಶಿಬಿರ

ಬಾಲ ಕಿರಣ

ಆ.1,2: ನಾವೀನ್ಯ ಇಂಜಿನಿಯರಿಂಗ್ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಆ.1–2ರಂದು ರಾಷ್ಟ್ರೀಯ ವಿಚಾರ ಸಂಕಿರಣ

ಒಳಮೀಸಲಾತಿ ಜಾರಿಗೆ ವಿಳಂಬ

Inauguration

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ, ಬೆಂಗಳೂರು

ಸುವರ್ಣ ಮಹೋತ್ಸವ ವರ್ಷಾಚರಣೆ (1975–2025)

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ (ರಿ.)

ಜವಾಹರಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ

48ನೇ ಸರಣಿ ವಿದ್ಯಾರ್ಥಿ ಯೋಜನಾ ಕಾರ್ಯಕ್ರಮ 2024–25

ವಿದ್ಯಾರ್ಥಿ ಯೋಜನೆಯ ವಾರ್ಷಿಕ ರಾಜ್ಯ ಮಟ್ಟದ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಹಾಗೂ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನ

ಉದ್ಘಾಟನಾ ಸಮಾರಂಭ - ಕಾರ್ಯಕ್ರಮ ವಿವರ

01-08-2025
10:30 AM

ಅತಿಥಿಗಳನ್ನು ವೇದಿಕೆಗೆ ಆಹ್ವಾನಿಸುವುದು

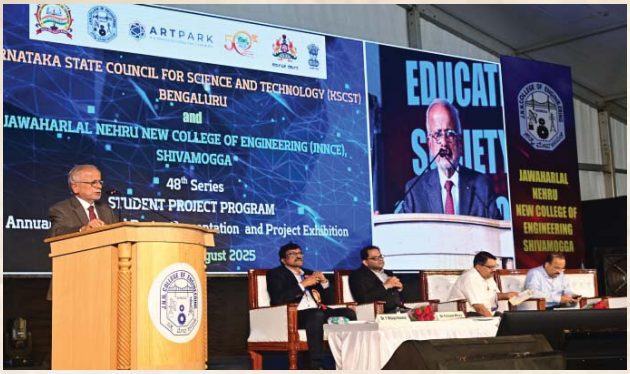
ಪ್ರಾರ್ಥನೆ	ಕು. ಅನುಶ್ರೀ - ಎಮ್. ಸಿ. ಎ. ವಿಭಾಗ	03
ನಾಡಗೀತೆ	ಕು. ಭಾರತೀ ಉಡುಪ ಹಾಗೂ ಸಂಗಡಿಗರಿಂದ	04
ಸ್ವಾಗತ	ಡಾ. ವೈ. ವಿಜಯ ಕುಮಾರ್, ಪ್ರಾಂಶುಪಾಲರು, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ.	10
ಉದ್ಘಾಟನೆ	ಮುಖ್ಯ ಅತಿಥಿಗಳಿಂದ ದೀಪ ಬೆಳಗಿಸುವುದು	06
ಸ್ಮರಣ ಸಂಚಿಕೆ ಹಾಗೂ ಅಡಕ ಮುದ್ರಿಕೆ (ಸಿ.ಡಿ) ಬಿಡುಗಡೆ - ಅತಿಥಿಗಳಿಂದ		04
ಉದ್ಘಾಟಕರ ಪರಿಚಯ ಮತ್ತು ನುಡಿ	ಡಾ. ಪ್ರಶಾಂತ್ ಮಿಶ್ರಾ, ಹಿರಿಯ ವಿಜ್ಞಾನಿ, ಟಿ.ಸಿ.ಎಸ್ - ಸಂಶೋಧನೆ, ಬೆಂಗಳೂರು.	15
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Inauguration













Media Report

THE NEW INDIAN EXPRESS

3/18

purposes.

'INNOVATION, NOT TEXTBOOKS, WILL SHAPE INDIA'S FUTURE'

EXPRESS NEWS SERVICE
@ Shivamogga

INNOVATION-driven ideas, not textbook-based learning, will define the future of India, said Dr Prashant Mishra, senior scientist at Tata Consultancy Services' research division.

He was speaking after inaugurating the 48th State-Level Engineering Students' Poster and Innovation Project Expo held at JNN College of Engineering here recently. The event was organised by the Karnataka State Council for Science and Technology (KSCST). "Take environmental challenges as opportunities, and infuse innovation into your projects," Dr Mishra told the students. "Only those who think differently can move ahead. Experiential learning brings new knowledge, which forms the base of scientific invention."

He urged students to pursue continuous learning and apply interdisciplinary approaches to science and engineering to foster innovation. "Work with passion, stay curious, and constantly hone your problem-solving skills," he added. Prof Ashok M Raichur, secretary of KSCST, said research and innovation are long-term processes that demand diverse thinking at every stage, from data collection to patent filing. "KSCST is playing a key supporting role in this ecosystem," he said. He said the council is encouraging the youth to address challenges in education, biodiversity, water management and household needs, particularly in rural and urban settings, through innovative thinking and startup creation. G S Narayana Rao, chairman of the National Education Society (NES), said the country's educational culture should emphasise meaningful learning. "The youth should prioritise gaining experience and building healthy relationships over making money," he said. NES joint secretary Dr P Narayan, college principal Dr Y Vijaykumar, coordinators Dr B N Ravikumar and Dr Chetan S G were present.



The 48th State-Level Engineering Students' Poster and Innovation Project Expo held at JNNCE in Shivamogga reventlly | EXPRESS

ಕನ್ನಡಪ್ರಭ

ದೇಶ ಮುನ್ನಡೆಸುವ ನಾವೀನ್ಯತೆ ಯೋಜನೆಗಳು

ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ.ಪ್ರಶಾಂತ್ ಮಿಶ್ರಾ ಅಭಿಮತ | ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಉದ್ಘಾಟನೆ

• ಕನ್ನಡಪ್ರಭ ವಾರ್ತೆ ಶಿವಮೊಗ್ಗ

ಪಠ್ಯಾಧಾರಿತ ಯೋಜನೆಗಿಂತ ನಾವೀನ್ಯತೆ ಆಧಾರಿತ ಯೋಜನೆಗಳು ದೇಶದ ಭವಿಷ್ಯವನ್ನು ಮುನ್ನಡೆಸಲಿವೆ ಎಂದು ಖಾಸಗಿ ಕಂಪನಿಯ ಸೀನಿಯರ್ ಸಂಶೋಧಕಾ ವಿಜ್ಞಾನಿ ಡಿಯೊ ವಿಜ್ಞಾನಿ ಡಾ.ಪ್ರಶಾಂತ್ ಮಿಶ್ರಾ ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

ನಗರದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಶುಕ್ರವಾರ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಮತ್ತು ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಫೋರ್ಸ್‌ರ್ಧಾತ್ಮಕ ಸ್ಪರ್ಧೆ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಾಗಾರ ಉದ್ಘಾಟನಾ ಅವರು ಮಾತನಾಡಿದರು.

ಮಾಹಾಮಾರಿಯಲ್ಲಿರುವ ಕೊಡಬಾಗಲು ಸಹಾಯಕಾಗಿ ಸೃಷ್ಟಿಸಿರಿ. ನಾವಿನ್ಯತೆಯ ಸರ್ಕಾರಿಯಾದ ಮೂಲಕ ಹೊಸ ಯೋಜನೆಗಳನ್ನು ಆರಂಭಿಸಬೇಕು. ಬದುಕಿನಲ್ಲಿ ಹೊಸತನದ ಆಲೋಚನೆಗಳಲ್ಲಿರುವ ಮತ್ತು ಮುನ್ನಡೆ ಸಾಧ್ಯ. ಆವಿಷ್ಕಾರ ಆಧಾರಿತ ಕಡೆಗೆ ಹೊಸ ಜ್ಞಾನವನ್ನು ಸೃಷ್ಟಿಸಿರಿ. ಜ್ಞಾನದ ಶಾಶ್ವತ ಅವಿಷ್ಕಾರಿ ವಿಜ್ಞಾನಿಗಳಾಗಿ ರೂಪುಗೊಳ್ಳುವಂತೆ ಎಂದರು.



ವಿದ್ಯಾರ್ಥಿಗಳ ಫೋರ್ಸ್‌ರ್ಧಾತ್ಮಕ ಸ್ಪರ್ಧೆ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಾಗಾರವನ್ನು ಬಾಹುಬಲಿ ಸರ್ಕಾರ್ ಸಂಶೋಧಾನಾ ವಿಭಾಗದ ವಿಜ್ಞಾನಿ ಡಾ.ಪ್ರಶಾಂತ್ ವಿಜ್ಞಾನ ಉದ್ಘಾಟಿಸಿದರು.

ನಿರಂತರ ಅಧ್ಯಯನದಲ್ಲಿ ತೊಡಗಿಕೊಳ್ಳಿ. ಮೂಲ ವಿಜ್ಞಾನ ಮತ್ತು ಎಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದ ಶಾಖಾಕ್ಷ ವಿಜ್ಞಾನಗಳನ್ನು ಅಂತರ ಶಿಸ್ತೀಯರಿಸಿ. ಅವಿಂದ ಹೊಸ ಅವಿಷ್ಕಾರ ಯೋಜನೆಗಳು ಹೊರಗೆಳೆಯಲು ಸಾಧ್ಯ. ಯಾವಾಗಲೂ ಪ್ರಶ್ನಿಸುತ್ತಾ ಕಲಿಕೆ ಮಾಡಿ, ಕುತೂಹಲವಿರಿಸಿ, ಸಮಸ್ಯೆ ಪರಿಹರಿಸುವಿಕೆಗಳನ್ನು ಸಮಾಜಮುಖಿಯಾಗಿಸಿಕೊಳ್ಳಿ ಎಂದು ಆಶಿಸಿದರು.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ.ಅಶೋಕ್.ಎಂ. ರಾಯಚೂರು ಮಾತನಾಡಿ, ಸಂಶೋಧನೆ ಮತ್ತು ನಾವೀನ್ಯತೆ ಎಂಬುದು ರಾಷ್ಟ್ರೀಯ ಒಮ್ಮತಾಭಿಪ್ರಾಯ ಸಿದ್ಧಾಂತವು, ಸಮೀಕ್ಷೆಯಿಂದ ಮೊದಲುಗೊಂಡು ಪೇಟೆಂಟ್ ವರೆಗೆ ಪ್ರತಿ ಹಂತದಲ್ಲಿ ವಿಭಿನ್ನತೆಯ ಆಲೋಚನೆಗಳು ಬೇಕಿವೆ. ಈ ಒಕ್ಕೂಟದಲ್ಲಿ ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಪ್ರಮುಖ ವೇದಿಕೆಯಾಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿದೆ ಎಂದರು.

ಸ್ಯಾಮಾಜಾಧ್ಯಕ್ಷ ಮತ್ತು ನಗರ ಪ್ರದೇಶದ ಸಮಾಲೋಚಗಳನ್ನು ಯುವ ಸಮುದಾಯ ನಾವೀನ್ಯ ಚಿಂತನೆಗಳ ಮೂಲಕ ಬಗೆಹರಿಸುವ ಪ್ರಯತ್ನ ಮಾಡುವಂತೆ. ತಿಳಿಸಿ, ಬದುಕನ್ನಷ್ಟೇ ಜಿಲ್ಲಾ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳಾದ ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಯತ್ನ ಮಾಡುವಂತೆ. ತಿಳಿಸಿ, ಗ್ರಹಮೋಗಾಗಿ ಸೇವೆಯಂತೆ ವಿವಿಧ ಕ್ಷೇತ್ರಗಳ ಸಮಾಲೋಚನೆಗಳು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ಮಹಿಳೆ. ಸ್ಪಾರ್ಧ ಅಭಿಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳಿ ಎಂದು ನಿರ್ದೇಶನ ನೀಡಿದರು.

ಯುವಜನತೆ ಸಮಾಜದ ಸಮಸ್ಯೆಗಳನ್ನು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಯತ್ನ ಮಾಡಿ ಸಮಾಜಕ್ಕೆ ಉತ್ತಮ ಕೊಡುಗೆ ನೀಡಬೇಕು ಎಂದು ಸಲಹೆ ನೀಡಿದರು.

ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಪ್ರಾಚಾರ್ಯ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್, ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್.ರವಿಕುಮಾರ್, ಸಂಯೋಜಕರಾದ ಡಾ.ಎಸ್.ಜಿ.ಚೇತನ್ ಮತ್ತು ಇತರರು ಹಾಜರಿದ್ದರು.

ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕಿ ಡಾ.ಎಸ್.ಸುಧಾ ಪ್ರಾರ್ಥಿಸಿದರು. ನಿವೃತ್ತಿಯಾದ ಅಧ್ಯಾಪಕರು ಗುಚ್ಛ ನೀಡಿ ಸನ್ಮಾನಿಸಿದರು. ಹೊಸ ಸಮಾಜದಲ್ಲಿ ಮುಂದಡಿಯಿಟ್ಟಿದೆ. ಹೊಸ ಸಮಾಜದಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಮತ್ತು ಉತ್ತಮ ಸಂಬಂಧಗಳನ್ನು ಸಮಾಜಸಿಬಹುದ ಯುವ ಸಮೂಹ ಹೆಮ್ಮೆ ಅಧ್ಯಕ್ಷತೆ ನೀಡಿದರು ಎಂದರು.

ಅಧ್ಯಕ್ಷತೆ ಆವಿಷ್ಕಾರಕ್ಕೆ ದಾರಿ ಮಾಡಿಕೊಡುತ್ತದೆ. ಸಮಾಜದ ಅಧ್ಯಕ್ಷತೆಗಳನ್ನು ನಾವೀನ್ಯತೆಯ ಮೂಲಕ ಬಗೆಹರಿಸಿ. ಶಾಲೆಯಲ್ಲಿ ಅಗ್ಯಾನ ಚಿಂತನೆಯಿಂದ ಬೆಳವಣಿಗೆ ಅಗ್ಯಾನ ಪಡೆದ ಯಶಸ್ಸು ವೈಜ್ಞಾನಿಕತೆಗೆ. ನಿಮ್ಮನ್ನು ಅಯಸಿಸುವವರಿಗೆ ಗೌರವ ತೋರಬಾರದೆಂಬ. ಬೆಳೆದ ತೋರಿಸಿ ಎಂದು ಕಿವಿಮಾತು ಹೇಳಿದರು.

ವೇದಿಕೆಯಲ್ಲಿ ಎನ್‌ಇಎನ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ಪಿ.ನಾರಾಯಣ್, ಕಾಲೇಜಿನ ಪ್ರಾಚಾರ್ಯ ಡಾ.ವೈ.ವಿಜಯಕುಮಾರ್, ಸಂಯೋಜಕರಾದ ಡಾ.ಬಿ.ಎನ್.ರವಿಕುಮಾರ್, ಡಾ.ಚೇತನ್ ಎಸ್.ಜಿ ಸೇರಿದಂತೆ ಮತ್ತಿತರರು ಉಪಸ್ಥಿತರಿದ್ದರು. ಎಲೆಕ್ಟ್ರಿಕಲ್ ಅಂಡ್ ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥೆ ಡಾ.ಎಚ್.ಎಸ್.ಸುಧೀಶ್ ನಿರೂಪಿಸಿದರು.

SHIVAMOGGA Edition
Aug 02, 2025 Page No. 02
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DH
DECCAN HERALD

'Country's future lies in innovation-based projects'

SHIVAMOGGA, DHNS

Tata Consultancy Services Research Department senior scientist Prashant Mishra opined that innovation-based projects will lead the future of the country rather than text-based ideas.

He was speaking while inaugurating the 48th State-level Engineering Students' Poster Presentation and Demonstration of Innovative Projects organised by Karnataka State Council for Science and Technology on JNNCE campus, here on Friday.

He asked students to accept the difficulties in the environment as a challenge. "Implement new projects by giving a touch of innovation. Progress is possible only if there are innovative ideas in life," he added.

National Education Society president G S Narayana Rao said that specific studies need to be conducted on the basis of our culture. He said that the youth should give more priority to gaining experience than prioritising earning wealth.

National Education Society Joint Secretary P Narayana, JNNCE Principal Y Vijayakumar, Co-ordinators B N Ravikumar, S G Chethan and Prof H B Suresh were present.



Tata Consultancy Services Research Department senior scientist Prashant Mishra inaugurates 48th State-level Engineering Students' Poster Presentation and Demonstration of Innovative Projects in Shivamogga on Friday. DH PHOTO

VK ವಿಜಯ ಕರ್ನಾಟಕ
e-paper

Namma Bengalu ∨ Namma Shivamc ∨ Page 2 ∨

ವಿಜಯ ಕರ್ನಾಟಕ

ಜೆಎನ್‌ಎನ್‌ಸಿಇನಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನಕ್ಕೆ ಚಾಲನೆ

ಪರಿಹಾರ ಹುಡುಕಾಟಕ್ಕೆ ಶಿಕ್ಷಣ ಇಂಬಾಗಲಿ





ನವ ಶಿಲಾಯುಗ ಕಾಲದ ಡೋಲೆರೈಟ್ ಉಂಗುರ ಕಲ್ಲು ಪತ್ತೆ



Project Exhibition





ವಿಜಯ ಕರ್ನಾಟಕ
VIJAY KARNATAKA
Shivamogga Edition : 02-08-2025

ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಂಡರ್ ಕಾರ್ಟ್ ಆವಿಷ್ಕಾರಕ್ಕೆ ರತನ್ ಟಾಟಾ ಪ್ರೇರಣೆ

ಮಾರುಕಟ್ಟೆಗೆ ಸೌರಚಾಲಿತ ಗಾಡಿ!



ಎಲೆಕ್ಟ್ರಿಕ್ ವೆಂಡರ್ ಕಾರ್ಟ್ ಸಿದ್ಧಪಡಿಸಿದ ವಿದ್ಯಾರ್ಥಿಗಳು.



ಕನ್ನಡಪ್ರಭ

ಪೆಟ್ರೋಲ್‌ನ ಬದಲು ನೀರಿನಲ್ಲಿ ಓಡಲಿದೆ ದ್ವಿಚಕ್ರ ವಾಹನದ ಎಂಜಿನ್

ಬೆಂಗಳೂರಿನ ಆರ್.ವಿ. ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಆನ್ವೇಷಣೆ



ಶಿವಮೊಗ್ಗ ನಗರದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಎರಡು ದಿನಗಳ ಕಾಲ ಏರ್ಪಡಿಸಿದ್ದ 48 ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್‌ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ನಡೆಯಿತು.

• **ಕನ್ನಡಪ್ರಭ ವಾರ್ತೆ** ಶಿವಮೊಗ್ಗ

ಪೆಟ್ರೋಲ್ ಬೆಲೆ ಏರಿಕೆಯಲ್ಲಿ ತತ್ತರಿಸಿದ್ದ ಬೈಕ್ ಸವಾರರಿಗೆ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ನಲ್ಲಿನೀರಿನಿಂದಲೆ ಓಡುವಂತಹ ದ್ವಿಚಕ್ರ ವಾಹನದ ಇಂಜಿನ್ ಒಂದನ್ನು ರೂಪಿಸಿದ್ದಾರೆ.

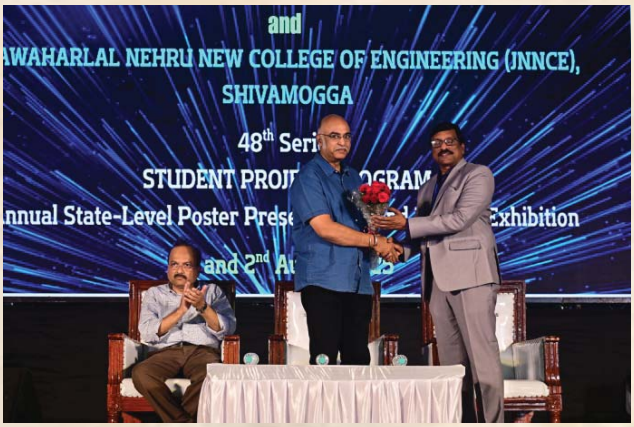
ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ವತಿಯಿಂದ ನಗರದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿ ನಲ್ಲಿ ಎರಡು ದಿನಗಳ ಕಾಲ ಏರ್ಪಡಿಸಿದ್ದ 48 ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ ದಲ್ಲಿನೀರಿನ ಮೂಲಕ ಓಡುವ ದ್ವಿಚಕ್ರ ವಾಹನ ನೋಡುಗರ ಗಮನ ಸೆಳೆಯಿತು.

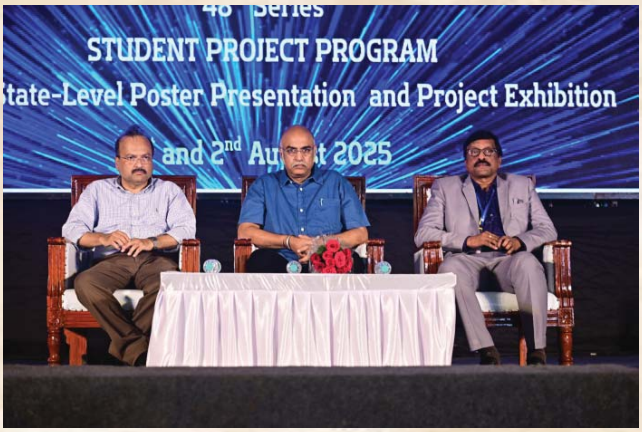
ಬೆಂಗಳೂರಿನ ಆರ್.ವಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಹಮೀದ್, ಆಕಾ ಶ್, ಕಿರಣ್, ಓಂಪ್ರಕಾಶ್ ತಂಡ ನಿರ್ಮಿಸಿರುವ ಹೈಡ್ರೋಜನ್ ಕಂಬ ಷನ್ ಎಂಜಿನ್ ನಲ್ಲಿನೀರನ್ನು ಎಸ್.ಎಸ್ 304 ಪ್ಲೇಟ್ಸ್ ಮತ್ತು ಕೆಓ ಎಚ್ ಸೊಲ್ಯುಷನ್ ಬಳಸಿ ಹೈಡ್ರೋಜನ್ ಅಂಶವಾಗಿ ಶೇಖರಿಸಲಾಗುತ್ತದೆ. ನಂತರ ಪಲ್ಸ್ ವಿಡ್ತ್ ಮಾಡ್ಯುಲೇಷನ್ ವಿದ್ಯುತ್ ಸರಾಸರಿ ಪ್ರವಾಹವನ್ನು ನಿಯಂತ್ರಿಸಿ ದ್ವಿಚಕ್ರ ವಾಹನ ಮುಂದುವರಿಯುವಂತೆ ಮಾಡುತ್ತದೆ. 3 ರಿಂದ 4 ಲೀಟರ್‌ನೀರಿಗೆ 60 ಕಿಮಿ ದೂರ ಚಲಿಸಲಿದೆ ಎಂದು ವಿದ್ಯಾರ್ಥಿಗಳು ತಿಳಿಸಿದರು.

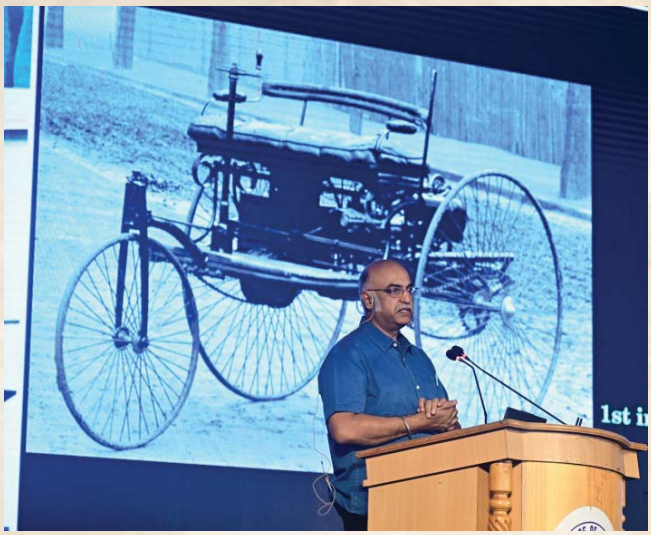
ಹೀಗೆ ರಾಜ್ಯದ ವಿವಿಧ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಿಂದ ಆಗಮಿಸಿದ್ದ ನೂರಾರು ವಿದ್ಯಾರ್ಥಿಗಳು, ತಮ್ಮ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಜೊತೆಗೆ ಉತ್ಸುಕತೆಯಿಂದ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದರು. ಬೆಂಗಳೂರಿನ ಗೀತಂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳು ಅಭಿವೃದ್ಧಿ ಪಡಿಸಿದ್ದ ಎಲೆಕ್ಟ್ರಿಕ್ ಆಧಾರಿತ ತಳ್ಳು ಗಾಡಿ, ಜೈನ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ್ದ ವಿದ್ಯುತ್ ಉತ್ಪಾದನೆಗಾಗಿ ಹೆಲಿಕಲ್ ಆರ್ಕಿಮಿಡೀಸ್ ವಿಂಡ್ ಟರ್ಬೈನ್ ಜನರೇಟನ್, ಇಂಡಿಯನ್ ಆಕಾಡೆಮಿ ಪದವಿ ಕಾಲೇಜು ರೂಪಿಸಿದ್ದ ಗಿಡಮೂಲಿಕೆ ಮೂಲಕ ಸೊಳ್ಳೆಗಳನ್ನು ಓಡಿಸುವ ಧೂಪದ್ರವ್ಯ, ರೇವಾ ವಿವಿಯ ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ್ದ ಅಗ್ನಿ ಪತ್ತೆ ಮತ್ತು ನಿಗ್ರಹಕ್ಕಾಗಿ ಅನುಕೂಲವಾಗುವ ಸ್ವಾಯತ್ತ ಡ್ರೋನ್, ನಿಟ್ಟೆ ಮಿನಾಕ್ಷಿ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳ ಸ್ಥಿರವಾದ ರೆಕ್ಕೆಗಳನ್ನು ಹೊಂದಿದ ಡ್ರೋನ್ ವೈಮಾನಿಕ ವಾಹನ, ಆಳ್ವಾಸ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ನಿರ್ಮಿಸಿದ್ದ ಜೋಳದ ಹೊಟ್ಟಿನಲ್ಲಿ ಕಪ್ ತಯಾರಿಸಬಲ್ಲ ಯಂತ್ರ ಸೇರಿದಂತೆ 400 ಕ್ಕೂ ಯೋಜನೆಗಳು ನೋಡುಗರ ಮೆಚ್ಚುಗೆ ಪಡೆಯುವಲ್ಲಿ ಯಶಸ್ವಿಯಾಗಿತ್ತು.

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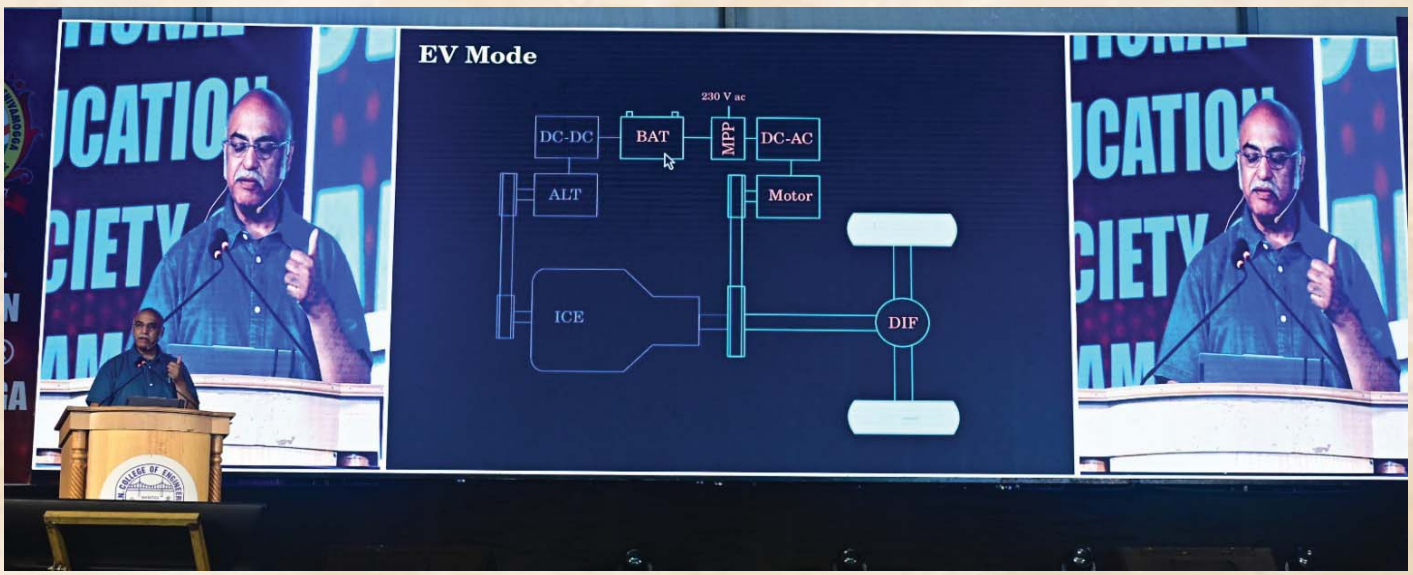
Technical Talk











Valedictory Function

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ, ಬೆಂಗಳೂರು
ಸುವರ್ಣ ಮಹೋತ್ಸವ ವರ್ಷಾಚರಣೆ (1975–2025)

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ (ರಿ.)
ಜವಾಹರಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ

48ನೇ ಸರಣಿ ವಿದ್ಯಾರ್ಥಿ ಯೋಜನಾ ಕಾರ್ಯಕ್ರಮ 2024–25

ವಿದ್ಯಾರ್ಥಿ ಯೋಜನೆಯ ವಾರ್ಷಿಕ ರಾಜ್ಯ ಮಟ್ಟದ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಹಾಗೂ ಯೋಜನೆಗಳ ಪ್ರದರ್ಶನದ ಮುಕ್ತಾಯ ಸಮಾರಂಭ

ವರ್ಷದ ಅತ್ಯುತ್ತಮ ಯೋಜನೆಯ ಪ್ರಶಸ್ತಿ ಪ್ರಧಾನ ಸಮಾರಂಭ 02-08-2025 03:00 PM

ಅತಿಥಿಗಳನ್ನು ವೇದಿಕೆಗೆ ಆಹ್ವಾನಿಸುವುದು

ಪ್ರಾರ್ಥನೆ	ಕು. ಚಂದನ - ಸಿ. ಎಸ್. ವಿಭಾಗ	03
ಸ್ವಾಗತ	**ಡಾ. ಎಸ್. ವಿ. ಸತ್ಯನಾರಾಯಣ**, ಮುಖ್ಯಸ್ಥರು, ಸಂಶೋಧನಾ ಅಭಿವೃದ್ಧಿ ಹಾಗೂ ಇ & ಸಿ ವಿಭಾಗ, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ.	04
ನುಡಿ	**ಡಾ. ವೈ. ವಿಜಯ ಕುಮಾರ್**, ಪ್ರಾಂಶುಪಾಲರು, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ.	10
ವಿದ್ಯಾರ್ಥಿ ಯೋಜನೆ - ವರದಿ	**ಪ್ರೊ. ಅಶೋಕ್ ಎಮ್. ರಾಯಚೂರು,** ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ. ರಾ. ವಿ. ತ. ಮಂ. , ಹಾಗೂ ಪ್ರಾಧ್ಯಾಪಕರು, ಭಾರತೀಯ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ, ಬೆಂಗಳೂರು.	15
ಮುಖ್ಯ ಅತಿಥಿಗಳ ಪರಿಚಯ ಮತ್ತು ನುಡಿ	**ಶ್ರೀ ಎಸ್. ಈ. ಸುಧೀಂದ್ರ,** ಅಧ್ಯಕ್ಷರು, (ಸಂಪುಟ ದರ್ಜೆ), ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ, ಬೆಂಗಳೂರು.	15
ಅನಿಸಿಕೆಗಳು	**ಭಾಗವಹಿಸಿರುವವರಿಂದ**	06
ಅಧ್ಯಕ್ಷರ ನುಡಿ	**ಶ್ರೀ ಎಸ್. ಎನ್. ನಾಗರಾಜ,** ಕಾರ್ಯದರ್ಶಿಗಳು, ರಾ. ಶಿ. ಸ.	15
ಬಹುಮಾನ ವಿತರಣೆ	**ಅತಿಥಿಗಳಿಂದ** (**ಶ್ರೀ ಕೆ. ಎನ್. ವೆಂಕಟೇಶ್**, ಹಿರಿಯ ಯೋಜನಾ ಅಭಿಯಂತರರು, ಹಾಗೂ ಮುಖ್ಯ ಸಂಚಾಲಕರು, ವಿದ್ಯಾರ್ಥಿ ಯೋಜನೆ ಕಾರ್ಯಕ್ರಮ, ಕ. ರಾ. ವಿ. ತ. ಮಂ.)	50
ವಂದನಾರ್ಪಣೆ	**ಡಾ. ಬಿ. ಎನ್. ರವಿಕುಮಾರ್** ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು , ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ.	05
	ರಾಷ್ಟ್ರಗೀತೆ	03

ನಿರೂಪಣೆ : ಡಾ. ಹೆಚ್. ಬಿ. ಸುರೇಶ್, ಜೆ.ಎನ್.ಎನ್.ಸಿ.ಇ.

Valedictory Function













Media Coverage

48ನೇ ಸ್ಟೂಡೆಂಟ್ ಪ್ರಾಜೆಕ್ಟ್ ಪ್ರೋಗ್ರಾಮ್ ಸಮಾರೋಪ

ಜೈವಿಕ ಇಂಧನ ಕ್ಷೇತ್ರದಲ್ಲಿ ರಾಜ್ಯ ಮಾದರಿ ನಿರೀಕ್ಷೆ

ವಿಕ ಸುದ್ದಿಲೋಕ ಶಿವಮೊಗ್ಗ

ಜೈವಿಕ ಇಂಧನ ಕ್ಷೇತ್ರದ ಉನ್ನತೀಕರಣ ಹಾಗೂ ವಾಣಿಜ್ಯೀಕರಣಕ್ಕಾಗಿ ರೂಪಿಸಿರುವ ಹಲವು ಕಾರ್ಯಕ್ರಮಗಳು ಮುಂದಿನ ವರ್ಷದೊಳಗೆ ಅನುಷ್ಠಾನಗೊಂಡು ರಾಜ್ಯ ರಾಷ್ಟ್ರ ಹಾಗೂ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದಲ್ಲಿ ಜೈವಿಕ ಇಂಧನ ಕ್ಷೇತ್ರಕ್ಕೆ ಮಾದರಿಯಾಗುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕ್ರಮ ಕೈಗೊಳ್ಳಲಾಗುತ್ತಿದೆ ಎಂದು ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ. ಸುಧೀಂದ್ರ ತಿಳಿಸಿದರು.

ನಗರದ ಜೆಎನ್‌ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಆಯೋಜಿಸಿದ್ದ 48ನೇ ಸ್ಟೂಡೆಂಟ್ ಪ್ರಾಜೆಕ್ಟ್ ಪ್ರೋಗ್ರಾಮ್ ಸಮಾರೋಪದಲ್ಲಿ ಶನಿವಾರ ಮಾತನಾಡಿದ ಅವರು, ಈ ಕಾರ್ಯಕ್ಕೆ ಕೃಷಿ ವಿಶ್ವವಿದ್ಯಾಲಯಗಳು, ಶಾಂತಿಕ ಸಂಸ್ಥೆಗಳು, ಸಂಶೋಧನೆ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರಗಳು, ವಿಷ್ಣಾನ ಕೇಂದ್ರಗಳು ಕೈ ಜೋಡಿಸಬೇಕು ಎಂದರು.

ಪ್ರಸ್ತುತ ಕೇಂದ್ರ ಸರಕಾರದ ಎಸ್.ಎಟಿಐ, ಗೋಬರ್‌ಧನ್ ಯೋಜನೆಗಳಲ್ಲಿ ಉತ್ಪಾದನೆಯಾಗುವ ಜೈವಿಕ ಇಂಧನ ಉತ್ಪನ್ನಗಳನ್ನು ಕೊಳ್ಳುವ ಒಡಂಬಡಿಕೆಗೆ ಸರಕಾರ ಬದ್ಧವಾಗಿದೆ. ಉದ್ದೇಶಿತ ನೂತನ ಜೈವಿಕ ಇಂಧನ ನೀತಿಯಂತೆ ರಾಜ್ಯದಲ್ಲಿ ಮುಂದಿನ 5 ವರ್ಷಗಳಲ್ಲಿ 1 ಲಕ್ಷ ಕೋಟಿಗೂ ಹೆಚ್ಚಿನ ಬಂಡವಾಳ ಹೂಡಿಕೆ ನಿರೀಕ್ಷಿಸಿದೆ. 3 ಲಕ್ಷಕ್ಕೂ ಹೆಚ್ಚಿನ ಪ್ರತ್ಯಕ್ಷ ಹಾಗೂ ಪರೋಕ್ಷ ಉದ್ಯೋಗ ಸೃಷ್ಟಿ, ರೈತ ಕುಟುಂಬಗಳ ಆದಾಯ ಹೆಚ್ಚಳ, ಯುವ ಉದ್ದಿಮದಾರರಿಗೆ ಪ್ಲೇಟ್ಫಾರ್ಮ ದೊರೆಯಲಿದೆ ಎಂದರು.



ಶಿವಮೊಗ್ಗದ ಜೆಎನ್‌ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ. ಸುಧೀಂದ್ರ ಅವರನ್ನು ಸನ್ಮಾನಿಸಲಾಯಿತು.

ಎಸ್‌ಇಎಸ್ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ, ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಆರೋಣ್ ಎ. ರಾಯಚೂರ್, ಜೆಎನ್‌ಎನ್‌ಇ ಪ್ರಾಂಶುಪಾಲ ಡಾ. ವೈ.ವಿಜಯಕುಮಾರ್, ಪ್ರಮುಖರಾದ ಡಾ.ದಯಾನಂದ, ಡಾ. ಕೆ ಎನ್. ವೆಂಕಟೇಶ್, ಜೈರಾಮ್, ಡಾ. ಎಸ್.ಜಿ. ಚೇತನ್, ಡಾ. ರವಿಕುಮಾರ್, ವಿವಿಧ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜುಗಳ ಪ್ರಾಂಶುಪಾಲರು, ವಿದ್ಯಾರ್ಥಿಗಳು, ಪ್ರಾಜೆಕ್ಟ್‌ಮೌಲ್ಯಮಾಪಕರು ಇದ್ದರು.

ಪ್ರಜಾವಾಣಿ

'ರೇವಾ ವಿವಿ'ಗೆ ಅತ್ಯುತ್ತಮ ಪ್ರದರ್ಶನ ಪ್ರಶಸ್ತಿ

ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ಮುಖ್ಯಾಂಶಗಳು

- 50 ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳಿಗೆ ವರ್ಷದ 'ಅತ್ಯುತ್ತಮ ಯೋಜನೆ' ಬಹುಮಾನ
- ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾರತದ ಮುಂದಿನ ಭವಿಷ್ಯ
- ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳು ಮತ್ತಷ್ಟು ಆವಿಷ್ಕಾರಿ ಸ್ವರೂಪ ಪಡೆಯಲಿ



ಶಿವಮೊಗ್ಗದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಶನಿವಾರ ಮುಕ್ತಾಯಗೊಂಡ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನದಲ್ಲಿ ಪ್ರಥಮ ಸ್ಥಾನ ಪಡೆದ ಬೆಂಗಳೂರಿನ ರೇವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ತಂಡ

ಶಿವಮೊಗ್ಗ: ನಗರದ ಜೆ.ಎನ್.ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ವತಿಯಿಂದ ಏರ್ಪಡಿಸಿದ್ದ 48ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಸಂಪನ್ನಗೊಂಡಿದ್ದು ಬೆಂಗಳೂರಿನ ರೇವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅತ್ಯುತ್ತಮ ಪ್ರದರ್ಶನ ಪ್ರಶಸ್ತಿಗೆ ಪಾತ್ರವಾಯಿತು.

ರಾಜ್ಯದ ವಿವಿಧ ಭಾಗಗಳಿಂದ ಬಂದಿದ್ದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡ ತಮಿಯ ನೀಡಿದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನವನ್ನು ಪರಾಮರ್ಶಿಸಿದ ವಿಜ್ಞಾನಿಗಳ ತಂಡ ಎಐಸಿ, ಎಂಸಿಎ, ಎಪಿ, ಐರೋನಾಟಿಕಲ್, ಸಾಮಾನ್ಯ ವಿಜ್ಞಾನಕ್ಕೆ ಸೇರಿದ ಸುಮಾರು 50 ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳಿಗೆ ವರ್ಷದ 'ಅತ್ಯುತ್ತಮ ಯೋಜನೆ' ಬಹುಮಾನ ನೀಡಿ ಗೌರವಿಸಲಾಯಿತು.

'ಬಯೊ ಡೀಸೆಲ್ ಕುರಿತಾಗಿ ಅನೇಕ ಸಂಶೋಧನೆಗಳ ಅವಶ್ಯಕತೆ ಇದೆ. ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ ಪ್ರಯೋಗ ವೇದಿಕೆಗಳನ್ನು ಕಲ್ಪಿಸುತ್ತಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾರತದ ಮುಂದಿನ ಭವಿಷ್ಯ. ಅಂತಹ ಭವಿಷ್ಯಕ್ಕೆ ನಾವೀನ್ಯತೆಯ ಮೂಲಕ ಶಕ್ತಿ ತುಂಬಲು ಕ್ರಮವಹಿಸಿ' ಎಂದು ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಈ.ಸುಧೀಂದ್ರ ಸಲಹೆ ನೀಡಿದರು.

'ವಿದ್ಯಾರ್ಥಿಗಳು ಮತ್ತು ಪ್ರಾಧ್ಯಾಪಕರಲ್ಲಿ ನಾವೀನ್ಯತೆ ಎಂಬುದು ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸುತ್ತದೆ. ಉದ್ಯೋಗ ನೀಡುವ ವಿದ್ಯಾಸಂಸ್ಥೆಗಳು ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ ಆವಿಷ್ಕಾರಿ ಯೋಜನೆಗಳನ್ನು ಸ್ವಾಗತಿಸುತ್ತಿರುವೇ ವಿನಾ ರೇಡ್ಡಿಮ್ ಗಳನ್ನಲ್ಲ ಎಂಬ ವಾಸ್ತವತೆಯನ್ನು ಅರಿಯಿರಿ' ಎಂದು ಜೆ.ಎನ್.ಎನ್.ಸಿ ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ವೈ.ವಿಜಯಕುಮಾರ್ ಹೇಳಿದರು.

'ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳು ಮತ್ತಷ್ಟು ಆವಿಷ್ಕಾರಿ ಸ್ವರೂಪ ಗಳನ್ನು ಪಡೆಯಲಿ. ಅಂತರರಾಷ್ಟ್ರೀಯ ಕಾಂಕ್ರಿಕ ವಿಜಾರಗಳನ್ನು ಹೊಂದಿದ ಉತ್ಪನ್ನಗಳಿಗೆ ಹೆಚ್ಚು ಬೇಡಿಕೆಯಿದೆ' ಎಂದು ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ.ಆರೋಣ್. ಎ.ರಾಯಚೂರು ತಿಳಿಸಿದರು.

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ.ನಿ.ನಾರಾಯಣ ಉಪಸ್ಥಿತರಿದ್ದರು.



ಕೆ.ಎಸ್.ಸಿ.ಎಸ್.ಟಿ : ಅನಾವರಣಗೊಂಡ ನಾವೀನ್ಯ ಯೋಚನೆಗಳು

ಪೆಟ್ರೋಲ್ ಬದಲು ನೀರಿನಲ್ಲಿ ಓಡಲಿದೆ ಎಂಜಿನ್...!?



ನಾವಿಕ,ಶಿವಮೊಗ್ಗ ಅ. 02:-

ಪೆಟ್ರೋಲ್ ಬೆಲೆ ಏರಿಕೆಯಲ್ಲಿ ತತ್ತರಿಸಿದ ದ್ವಿಚಕ್ರ ಸವಾರರಿಗೆ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿದ್ಯಾರ್ಥಿಗಳು ಸದ್ಯ ನೀರಿನಿಂದಲೆ ಓಡುವಂತಹ ದ್ವಿಚಕ್ರ ವಾಹನದ ಇಂಜಿನ್ ಒಂದನ್ನು ರೂಪಿಸಿದ್ದಾರೆ.

ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ ವತಿಯಿಂದ ನಗರದ ಜೆ.ಎನ್.ಎನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಏರ್ಪಡಿಸಿದ್ದ 48 ನೇ ರಾಜ್ಯ ಮಟ್ಟದ ಎಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ನೀರಿನ ಮೂಲಕ ಓಡುವ ದ್ವಿಚಕ್ರ ವಾಹನ ನೋಡುಗರ ಗಮನ ಸೆಳೆಯಿತು.

ಬೆಂಗಳೂರಿನ ಆರ್.ವಿ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಹಮೀದ್, ಆಕಾಶ್, ತೇಜಕ್, ಓಂಪ್ರಕಾಶ್ ತಂಡ ನಿರ್ಮಿಸಿರುವ ಹೈಡ್ರೋಜನ್ ಕೊಬಸ್ಟನ್ ಎಂಜಿನ್‌ನಲ್ಲಿ ನೀರನ್ನು ಎಸ್.ಎನ್ 304 ಪ್ಲೇಟ್ಸ್ ಮತ್ತು ಕೆ-ಹೆಚ್ ಸೊಲ್ಯುಷನ್ ಬಳಸಿ ಹೈಡ್ರೋಜನ್ ಆಂಶವಾಗಿ ಶೇಖರಿಸಲಾಗುತ್ತದೆ. ನಂತರ ಪಲ್ಸ್ ವಿದ್ಯುತ್ ಮಾಡ್ಯುಲೇಷನ್ (ಪಿಡಬ್ಲ್ಯೂಎಂ) ವಿದ್ಯುತ್ ಸರಬರಾಜು ಪ್ರಮಾಣವನ್ನು ನಿಯಂತ್ರಿಸಿ ದ್ವಿಚಕ್ರ ವಾಹನ ಮುಂದುವರಿಯುವಂತೆ ಮಾಡುತ್ತದೆ.3 ರಿಂದ 4 ಲೀಟರ್ ನೀರಿಗೆ 60 ಕಿಮಿ ದೂರ ಚಲಿಸಲಿದೆ ಎಂದು ವಿದ್ಯಾರ್ಥಿಗಳು ತಿಳಿಸಿದರು.

ರಾಜ್ಯದ ವಿವಿಧ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಿಂದ ಆಗಮಿಸಿದ್ದ ಸೂದಾರು ವಿದ್ಯಾರ್ಥಿಗಳು, ತಮ್ಮ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಜೊತೆಗೆ ಉತ್ಸುಕತೆಯಿಂದ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಭಾಗವಹಿಸಿದ್ದರು.

ಬೆಂಗಳೂರಿನ ಗಿಳತಂ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದ್ದ ವಿದ್ಯುತ್ ಆಧಾರಿತ ತಳ್ಳುಗಾಡಿ, ಜೈನ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ್ದ ವಿದ್ಯುತ್ ಉತ್ಪಾದನೆಗಾಗಿ ಹೆಲಿಕಲ್ ಆಕ್ಸಿಮಿಡಿಸ್ ಎಂಡ್ ಬ್ಯಡ್ರೆನ್ ಜನರೇಟರ್, ಇಂಡಿಯನ್ ಆಕಾಡೆಮಿ ಪದವಿ ಕಾಲೇಜು ರೂಪಿಸಿದ್ದ ಗಿತಮೂಲಿಕೆ ಮೂಲಕ ಸೊಳ್ಳೆಗಳನ್ನು ಓಡಿಸುವ ಧೂಪದ್ರವ್ಯ, ರೇವಾ ವಿವಿಯ ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ್ದ ಅಗ್ನಿ ಪತ್ತೆ ಮತ್ತು ನಿಗ್ರಹಕ್ಕಾಗಿ ಆಟೊಕೂಲಾಗುವ ಸ್ಯಾಂಡ್ ಡ್ರೋನ್, ನಿಟ್ಟೆ ವಿಜ್ಞಾನ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳ ಸಿದ್ಧವಾದ ರೆಕ್ಕೆಗಳನ್ನು ಜೋಡಿದ ಡ್ರೋನ್ ವೈಮಾನಿಕ ವಾಹನ, ಆಳ್ವಾಸ್ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ನಿರ್ಮಿಸಿದ್ದ ಜೋಳದ ಹೊಟ್ಟಿನಲ್ಲಿ ಔಷಧ ತಯಾರಿಸಬಲ್ಲ ಯಂತ್ರ, ಸೇರಿದಂತೆ 400 ಕ್ಕೂ ಹೆಚ್ಚು ಯೋಜನೆಗಳು ನೋಡುಗರ ಮೆಚ್ಚುಗೆ ಪಡೆಯುವಲ್ಲಿ ಯಶಸ್ವಿಯಾಗಿತ್ತು.

ಟಿಸಿಎಸ್‌ನ ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ. ಪ್ರಶಾಂತ್ ಅಭಿಮತ | ಜೆಎನ್‌ಎನ್‌ಸಿಇನಲ್ಲಿ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ

ಹೊಸ ಆಲೋಚನೆಗಳಿಂದ ಭವಿಷ್ಯ ನಿರ್ಧಾರ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಜಾಲ ಶಿವಮೊಗ್ಗ

ಅನುಭವವಿಲ್ಲದೆ ಜ್ಞಾನವಿಲ್ಲ. ಜ್ಞಾನವಿಲ್ಲದೆ ವಿಜ್ಞಾನವಿಲ್ಲ. ಜ್ಞಾನವು ಅನ್ವೇಷಣೆಗೆ ಪೂರಕವಾದುದು. ಪಠ್ಯಾಧಾರಿತ ಯೋಜನೆಗಳಿಗಿಂತ ನಾವೀನ್ಯತೆ ಆಧಾರಿತ ಯೋಜನೆಗಳು ದೇಶದ ಭವಿಷ್ಯವನ್ನು ನಿರ್ಧರಿಸಲಿವೆ ಎಂದು ಬೆಂಗಳೂರಿನ ಟಾಟಾ ಕನ್ಸಲ್ಟೆನ್ಸಿ ಸರ್ವಿಸ್ ಸಂಶೋಧನಾ ವಿಭಾಗದ ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ. ಪ್ರಶಾಂತ್ ಮಿಶ್ರಾ ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

■ ಯಾವುದೇ ಕೆಲಸಗಳನ್ನು ಮಾಡುವಾಗ ಕುತೂಹಲ ಬೆಳೆಸಿಕೊಳ್ಳಿ

ನಗರದ ಜವಾಹರಲಾಲ್ ನೆಹರು ನ್ಯೂ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ಶುಕ್ರವಾರ ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ(ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ)ಯಿಂದ 48ನೇ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನ ಕಾರ್ಯಕ್ರಮ ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದರು.

ಭವಿಷ್ಯದ ದೃಷ್ಟಿಯನ್ನಿಟ್ಟುಕೊಂಡು ಅಧ್ಯಯನ ಮಾಡಬೇಕು. ತೊಡಕುಗಳನ್ನು ಸವಾಲಾಗಿ ಸ್ವೀಕರಿಸಬೇಕು. ನಾವೀನ್ಯತೆ ಸ್ವಕ್ಷ ನೀತಿಯ ಮೂಲಕ ಹೊಸ ಯೋಜನೆಗಳನ್ನು ಆನುಷ್ಠಾನಗೊಳಿಸಬೇಕು. ಬದುಕಿನಲ್ಲಿ ಹೊಸತನದ ಆಲೋಚನೆಗಳಿದ್ದರೆ ಮಾತ್ರ ಮುನ್ನಡೆ ಸಾಧ್ಯವಿದ್ದು, ಅನುಭವ ಆಧಾರಿತ ಕಲಿಕೆ ಹೊಸ ಜ್ಞಾನ ನೀಡಿದರೆ, ಜ್ಞಾನದ ತಳಹದಿ ಅವಿಷ್ಕಾರ ವಿಜ್ಞಾನವಾಗಿ ರೂಪುಗೊಳ್ಳುತ್ತದೆ ಎಂದರು.

ವಿದ್ಯಾರ್ಥಿ ದಿಸೆಯಲ್ಲಿ ನಿರಂತರ ಅಧ್ಯಯನ ಮುಖ್ಯ. ಆ ಮೂಲಕ ಮೂಲ ವಿಜ್ಞಾನ ಮತ್ತು ಇಂಜಿನಿಯರಿಂಗ್ ಕ್ಷೇತ್ರದ ತಾಂತ್ರಿಕ ವಿಚಾರಗಳನ್ನು ಅಂತರಶಿಸ್ತೀಯಗೊಳಿಸಬೇಕು. ಇದರಿಂದ ಹೆಚ್ಚು ಅವಿಷ್ಕಾರ ಯೋಜನೆಗಳು ರೂಪುಗೊಳ್ಳಲಿವೆ. ಯಾವುದೇ ಕೆಲಸಗಳನ್ನು ಕೈಗೆತ್ತಿಕೊಂಡರೂ ಇಷ್ಟಪಟ್ಟು ಮಾಡಬೇಕು. ಮಾಡುವ ಕಾರ್ಯದಲ್ಲಿ ಕುತೂಹಲ ಇರಬೇಕು ಎಂದು ಹೇಳಿದರು.

ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ ಎಂ. ರಾಯಚೂರು ಮಾತನಾಡಿ, ಇಂದಿನ ವಿಜ್ಞಾನ, ನಾಳೆಯ ತಂತ್ರಜ್ಞಾನ ಆಗಲಿದೆ. ಸಂಶೋಧನೆ ಮತ್ತು ನಾವೀನ್ಯತೆ ಎಂಬುದು ರಾತ್ರೋರಾತ್ರಿ ಒಡಮೂಡುವ ಸಂಗತಿಗಳಲ್ಲ. ಸಮಿಕ್ಷೆಯಿಂದ ಹಿಡಿದು ಪೇಟೆಂಟ್ ಪಡೆಯುವವರೆಗೂ ವಿಜ್ಞಾನ್ಮತೆಯ ಅಲೋಚನೆಗಳಿರಬೇಕು ಎಂದರು. ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ನಗರ ಪ್ರದೇಶದ ಸವಾಲುಗಳನ್ನು ಯುವ ಸಮೂಹದ ನಾವೀನ್ಯ ಚಿಂತನೆಗಳ ಮೂಲಕ ಬಗೆಹರಿಸುವ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಿದೆ. ಶಿಕ್ಷಣ, ಬಯೋಡೈವರ್ಸಿಟಿ, ಜಲಸಂಪನ್ಮೂಲ ಬಳಕೆ, ಗೃಹಪಯೋಗ ನೇರ ವಿವಿಧ ಕ್ಷೇತ್ರಗಳ ಸವಾಲುಗಳನ್ನು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸಿದೆ ಎಂದು ವಿವರಿಸಿದರು. ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ. ಪಿ.ನಾರಾಯಣ್ ಮಾತನಾಡಿ, ಇಂದು ವಿದ್ಯಾಭ್ಯಾಸಕ್ಕೂ ಕೈಗಾರಿಕೆಗಳು ಅಥವಾ ಕಂಪನಿಗಳ ನಡುವೆ ದೊಡ್ಡ ಕಂದಕವೇ ಸೃಷ್ಟಿಯಾಗಿದೆ. ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆಯು ಕಂದಕಗಳ ನಿವಾರಣೆಗೆ ದೊಡ್ಡ ಹೆಜ್ಜೆಯಾಗಿದೆ. ಭವಿಷ್ಯದಲ್ಲಿ ಏನು ಮಾಡಬೇಕು ಎಂಬುದು ನಿಮ್ಮ ಸಾಮರ್ಥ್ಯವನ್ನು ಸಾಬೀತುಪಡಿಸುತ್ತದೆ. ಪ್ರೇರಣೆಗೆ ಸ್ಫೂರ್ತಿ ನೀಡುತ್ತವೆ ಎಂದರು. ಕಾಲೇಜಿನ ಪ್ರಾಚಾರ್ಯ ಡಾ. ವೈ.ವಿಜಯಕುಮಾರ್, ಸಂಯೋಜಕರಾದ ಡಾ. ಬಿ.ಎಸ್.ರವಿಕುಮಾರ್, ಡಾ. ಎಸ್.ಜಿ.ಚೇತನ್, ಇಲೆಕ್ಟ್ರಿಕಲ್ ಆ್ಯಂಡ್ ಇಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ. ಎಬಿ.ಬಿ.ಸುರೇಶ್ ಉಪಸ್ಥಿತರಿದ್ದರು.



ನಗರದ ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ನ್ಯೂ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನವನ್ನು ಹಿರಿಯ ವಿಜ್ಞಾನಿ ಡಾ. ಪ್ರಶಾಂತ್ ಮಿಶ್ರಾ ಉದ್ಘಾಟಿಸಿದರು. ಪ್ರೊ. ಅಶೋಕ ಎಂ. ರಾಯಚೂರು, ಜಿ.ಎಸ್.ನಾರಾಯಣ ರಾವ್, ಡಾ. ಪಿ.ನಾರಾಯಣ್, ಡಾ. ವೈ.ವಿಜಯಕುಮಾರ್ ಇದ್ದರು.

ಆವಿಷ್ಕಾರಕ್ಕೆ ದಾರಿ ಮಾಡಿಕೊಡಲಿದೆ ಅವಶ್ಯಕತೆ

ಅವಶ್ಯಕತೆ ಆವಿಷ್ಕಾರಕ್ಕೆ ದಾರಿ ಮಾಡಿಕೊಡುತ್ತದೆ. ಅರ್ಹತೆ ಇದ್ದರೆ ಅವಕಾಶ, ಯೋಗ್ಯತೆ ಇದ್ದರೆ ಮರ್ಯಾದೆ ಸಿಗಲಿದೆ. ಅಂತಹ ಜೀವನವನ್ನು ರೂಪಿಸಿಕೊಳ್ಳಬೇಕಿದೆ ಎಂದು ಎನ್‌ಇಎಸ್ ಅಧ್ಯಕ್ಷ ಜಿ.ಎಸ್.ನಾರಾಯಣ ರಾವ್ ಯುವ ವಿಜ್ಞಾನಿಗಳಿಗೆ ಕಿವಿಮಾತು ಹೇಳಿದರು. ಸಂಸ್ಕಾರದ ತಳಹದಿಯಲ್ಲಿ ನಿರ್ದಿಷ್ಟವಾದ ಅಧ್ಯಯನ ನಡೆಸಬೇಕು. ಹಣದ ಸಂಪಾದನೆಗೆ ಆದ್ಯತೆ ಸಹಜ. ಆದರೆ ಅನುಭವ, ಪ್ರೀತಿ ಮತ್ತು ಉತ್ತಮ ಸಂಬಂಧಗಳನ್ನು ಸಂಪಾದಿಸುವತ್ತ ಯುವ ಸಮೂಹ ಹೆಚ್ಚು ಆದ್ಯತೆ ನೀಡಬೇಕು. ಶಾಲೆಯಲ್ಲಿ ಅಗ್ರಸ್ಥಾನ ಪಡೆದವರಿಗಿಂತ ಜೀವನದಲ್ಲಿ ಅಗ್ರಸ್ಥಾನ ಪಡೆದವ ಯಶಸ್ವಿ ವ್ಯಕ್ತಿಯಾಗುತ್ತಾನೆ. ಅಸಮಾನಿಸಿದವರಿಗೆ ಬೆರಳು ತೋರಿಸುವುದಕ್ಕಿಂತ ಬೆಳೆದು ತೋರಿಸಬೇಕು ಎಂದು ಸಲಹೆ ನೀಡಿದರು.

ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ನಗರ ಪ್ರದೇಶದ ಸವಾಲುಗಳನ್ನು ಯುವ ಸಮೂಹದ ನಾವೀನ್ಯ ಚಿಂತನೆಗಳ ಮೂಲಕ ಬಗೆಹರಿಸುವ ಪ್ರಯತ್ನ ಮಾಡುತ್ತಿದೆ. ಶಿಕ್ಷಣ, ಬಯೋಡೈವರ್ಸಿಟಿ, ಜಲಸಂಪನ್ಮೂಲ ಬಳಕೆ, ಗೃಹಪಯೋಗ ನೇರ ವಿವಿಧ ಕ್ಷೇತ್ರಗಳ ಸವಾಲುಗಳನ್ನು ಬಗೆಹರಿಸುವಲ್ಲಿ ಪ್ರಮುಖ ಪಾತ್ರ ವಹಿಸಿದೆ. ಸ್ವಾರ್ಟಪ್‌ಗಳನ್ನು ಹೆಚ್ಚು ಸ್ಥಾಪಿಸಲು ಯುವ ಸಮೂಹಕ್ಕೆ ಉತ್ತೇಜನೆ ನೀಡಲಾಗುತ್ತಿದೆ.

| ಪ್ರೊ. ಅಶೋಕ ಎಂ. ರಾಯಚೂರು ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಕಾರ್ಯದರ್ಶಿ

ನೀರಿನಿಂದ ವಾಹನ ಚಾಲನೆ, ಮೆಕ್ಕೆಜೋಳ ಸಿಪ್ಪೆಯಿಂದ ಕಪ್

ಶಿವಮೊಗ್ಗ: ನೀರಿನಿಂದ ವಾಹನ ಚಾಲನೆ, ಮೆಕ್ಕೆಜೋಳದ ಒಣಗಿದ ಸಿಪ್ಪೆಯಿಂದ ಕಪ್(ಬೌಲ್) ತಯಾರಿಕೆ, ಈರುಳ್ಳಿ-ಬೆಳ್ಳುಳ್ಳಿ ಸಿಪ್ಪೆಯಿಂದ ನೊಳ್ಳೆ ನಿವಾರಕ ಸ್ಪೇ, ಬೀದಿ ಬದಿ ವ್ಯಾಪಾರಿಗಳಿಗೆ ಮೋಟಾರ್ ಕಮ್ ಸೋಲಾರ್ ಚಾಲಿತ ಗಾಡಿ... ಹೀಗೆ ಹಲವು ಯೋಜನೆಗಳಿಗೆ ಶುಕ್ರವಾರ ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ಅವರಣ ಸಾಕ್ಷಿಯಾಯಿತು.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ(ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ)ಯಿಂದ ಆಯೋಜಿಸಿರುವ 48ನೇ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ 180 ಪೋಸ್ಟರ್‌ಗಳು ಮತ್ತು 400 ಕ್ಕೂ ಅಧಿಕ ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಅನ್ವೇಷಣಾ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಕಂಡು ಬಂದ ಅಕರ್ಷಣೆಗಳಿವು. ಬೀದಿ ಬದಿ ಅಥವಾ ತಳ್ಳುವ ಗಾಡಿಯಲ್ಲಿ ತರಕಾರಿ, ಹಣ್ಣು, ಆಹಾರ, ಹೂವು, ಐಸ್‌ಕ್ರೀಂ, ಮೊಬೈಲ್ ರಿಪೈರ್ ಮಾರಾಟ ಮಾಡುವವರಿಗೆ ಗೀತಂ(ಗಾಂಧಿ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಆ್ಯಂಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್) ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೆಕಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ಬ್ಯಾಟರಿ ಕಮ್ ಸೋಲಾರ್ ಚಾಲಿತ ವಾಹನ ಅವಿಷ್ಕರಿಸಿದ್ದಾರೆ. 1ಗಂಟೆ 10 ನಿಮಿಷ ಚಾರ್ಜ್ ಮಾಡಿದರೆ ಕನಿಷ್ಠ 30ಂದ 4 ಗಂಟೆ, 10ರಂದ 20 ಕಿ.ಮೀ. ಓಡಿಸುವ ನಾಲ್ಕು ಚಕ್ರದ ವಾಹನ ಇದಾಗಿದೆ. 150ರಂದ 200 ಕೆಜಿ ಭಾರ ಹೊರುವ ಸಾಮರ್ಥ್ಯ ಹೊಂದಿದೆ. ಪೋಸ್ ಚಾರ್ಜ್ ಕೂಡ ಇದೆ ಎನ್ನುತ್ತಾರೆ ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಎಸ್.ಆರುಣ್ ಸಾಗರ್ ಮತ್ತು ಎ.ಹೇಮಕುಮಾರ್.



ಬ್ಯಾಟರಿ ಕಮ್ ಸೋಲಾರ್ ಚಾಲಿತ ವಾಹನ.



ಬ್ಯಾಟರಿರಿ ಪ್ಯಾಂಟ್, ತುಳಸಿ, ಟೀವು, ಕಿತ್ತಲೆ ಸಿಪ್ಪೆಯಿಂದ ನೊಳ್ಳೆ ಬತ್ತಿ ಆವಿಷ್ಕಾರ.

ಸೊಳ್ಳೆ ಓಡಿಸಲು ನಾನಾ ಐಡಿಯಾ

ಮನೆಗಳಲ್ಲಿ ನೊಳ್ಳೆ ಕಾಟಕ್ಕೆ ಜನರು ಹೈರಾಣಾಗುವುದು ಸಹಜ. ಹಾಗಾಗಿ ಇಂಡಿಯನ್ ಆಕಾಡೆಮಿ ಪದವಿ(ಐಎಜಿಐ) ಕಾಲೇಜು ಹಾಗೂ ಚಿಕ್ಕಬಳ್ಳಾಪುರದ ನಾಗಾರ್ಜುನ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ನೊಳ್ಳೆ ಓಡಿಸಲು ಹೊಸ ಐಡಿಯಾ ಆವಿಷ್ಕರಿಸಿದ್ದಾರೆ. ಬ್ಯಾಟರಿರಿ ಪ್ಯಾಂಟ್, ತುಳಸಿ, ಟೀವು, ಕಿತ್ತಲೆ ಹಣ್ಣಿನ ಸಿಪ್ಪೆಯಿಂದ ಐಜಿಐಎ ಕಾಲೇಜಿನ ಪ್ರೊ. ರಾಮಮೂರ್ತಿ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ವಿನಿತಾ ಮತ್ತು ರಮ್ಯಾ ನೊಳ್ಳೆ ಬತ್ತಿ ಆವಿಷ್ಕರಿಸಿದ್ದಾರೆ. ನಾಗಾರ್ಜುನ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು ಈರುಳ್ಳಿ, ಬೆಳ್ಳುಳ್ಳಿ ಮತ್ತು ನಿಂಬೆ ರಸ, ಸೀಲಗಿರಿ ಎಲೆಯಿಂದ ನೊಳ್ಳೆ ಸ್ಪೇಯರ್ ಮತ್ತು ಊದುಬತ್ತಿ ಸಿದ್ಧಪಡಿಸಿದ್ದು ಗಮನ ಸೆಳೆಯಿತು.



ಮೆಕ್ಕೆಜೋಳದ ಒಣಗಿದ ಸಿಪ್ಪೆಯಲ್ಲಿ ಬೌಲ್‌ಗಳ ಉತ್ಪಾದನೆ ಮಾಡುವ ಯಂತ್ರ ಆವಿಷ್ಕಾರ.

ಅಡಕೆ ಹಾಳೆಗೆ ಮೆಕ್ಕೆಜೋಳ ಸಿಪ್ಪೆ ಸೆಡ್ಡು

ಅಡಕೆ ಹಾಳೆ ವಸ್ತುಗಳಿಗೆ ಮೆಕ್ಕೆಜೋಳದ ಒಣಗಿದ ಸಿಪ್ಪೆಯೂ ಸೆಡ್ಡು ಹೊಡೆಯಲು ಸಜ್ಜಾಗಿದೆ. ಮೂಡುಬಿದಿರೆ ಆಳ್ವಾಸ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್ ಆ್ಯಂಡ್ ಟೆಕ್ನಾಲಜಿಯ ಡಾ. ಕೆ.ಪಿ.ಸುರೇಶ್ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಬಿ.ಎಂ.ಚಂದನ್, ಎಂ.ಕೆ.ಉಣ್ಮಾ ಮತ್ತಿತರರು ರೈತರಿಗೂ ಅನುಕೂಲವಾದ ಯಂತ್ರವನ್ನು ಅವಿಷ್ಕರಿಸಿದ್ದಾರೆ. ಮೆಕ್ಕೆಜೋಳದ ಸಿಪ್ಪೆಯನ್ನು ರೈತರು ಜಾನುವಾರುಗಳಿಗೆ ಹಾಕುತ್ತಾರೆ ಅಥವಾ ಬೆಂಕಿ ಹಚ್ಚುತ್ತಾರೆ. ಮರುಬಳಕೆ ಮಾಡಿಕೊಳ್ಳುವ ಉದ್ದೇಶದಿಂದ ಮೆಕ್ಕೆಜೋಳದ ಒಣಗಿದ ಸಿಪ್ಪೆಯಿಂದ ಪಾನಿಪುರಿ, ಚಾಮೂನು ಮತ್ತಿತರ ತಿನಿಸುಗಳಿಗೆ ಬೌಲ್(ಕಪ್) ಸಿದ್ಧಪಡಿಸಲಾಗುತ್ತಿದೆ. 10ರಂದ 12 ಡಿಗ್ರಿ ಬಿಸಿ ನೀರನ್ನು 4 ಗಂಟೆ, ತಣ್ಣೀರನ್ನು 5ರಂದ 6 ಗಂಟೆ ಶೇಖರಿಸಬಹುದು. ಒಂದು ಕಪ್‌ಗೆ 59 ಪೈಸೆ ಖರ್ಚಾಗಲಿದೆ. ಒಂದು ರೂ.ಗೆ ಮಾರಾಟ ಮಾಡಿದರೂ 41 ಪೈಸೆ ಉಳಿಯಲಿದೆ. ಒಂದು ಗಂಟೆಗೆ 114 ಬೌಲ್ ಉತ್ಪಾದನೆ ಮಾಡಬಹುದು ಎನ್ನುತ್ತಾರೆ ವಿದ್ಯಾರ್ಥಿ ಚಂದನ್.



ಹೈಡ್ರೋಜೀನ್‌ನಿಂದ ಓಡುವ ವಾಹನ ಸಿದ್ಧಪಡಿಸಿದ್ದ ಬೆಂಗಳೂರಿನ ಆರ್‌ವಿಐಟಿಎಂ ಕಾಲೇಜಿನ ವಿದ್ಯಾರ್ಥಿಗಳು.

ನೀರಿನಿಂದಲೂ ಚಲಿಸುತ್ತೆ ವಾಹನ !

ಪೆಟ್ರೋಲ್, ಡೀಸೆಲ್, ಇಲೆಕ್ಟ್ರಿಕ್, ಎಥೆನಾಲ್ ವಾಹನಗಳ ನಡುವೆ ಇದೀಗ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳು ನೀರಿನಲ್ಲೂ ಚಲಿಸುವ ವಾಹನ ಅವಿಷ್ಕರಿಸಿದ್ದಾರೆ. ಬೆಂಗಳೂರಿನ ಆರ್‌ವಿಐಟಿಎಂ ಕಾಲೇಜಿನ ಮೆಕಾನಿಕಲ್ ವಿದ್ಯಾರ್ಥಿಗಳಾದ ಎ.ಹಮೀದ್, ಎನ್.ಆಕಾಶ್, ಜಿ.ಕಿರಣ್, ಜಿ.ಡಿ.ಓಂಪ್ರಕಾಶ್, ಹೈಡ್ರೋಜೀನ್‌ನಿಂದ ಓಡುವ ವಾಹನ ಸಿದ್ಧಪಡಿಸಿದ್ದು ಗಮನ ಸೆಳೆಯಿತು. 1 ಲೀ. ನೀರಿಗೆ 2 ಸ್ಕೂಂಕ್ ದ್ವಿಚಕ್ರ ವಾಹನ ಕನಿಷ್ಠ 175ಂದ 18 ಕಿ.ಮೀ. ಚಲಿಸುತ್ತದೆ. ಸಿಎನ್‌ಜಿ, ಎಲ್‌ಪಿಜಿಗಿಗೆ ಹೋಲಿಸಿದರೆ ಇದು ಅಗ್ಗವಾಗಲಿದೆ. 4 ಸ್ಕೂಂಕ್ ವಾಹನಗಳಿಗೂ ಅಳವಡಿಸಬಹುದು. ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಆ ಬಗ್ಗೆ ಆವಿಷ್ಕಾರ ನಡೆಸುತ್ತೇವೆ ಎನ್ನುತ್ತಾರೆ ಹಮೀದ್.

50 ಮಾದರಿಗಳಿಗೆ ಬಹುಮಾನ ವಿತರಣೆ | ಜೆಎನ್‌ಎನ್‌ಸಿಇನಲ್ಲಿ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಸಮಾರೋಪ

ರೇವಾ ವಿವಿಗೆ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ಅತ್ಯುತ್ತಮ ಪ್ರದರ್ಶನ ಪ್ರಶಸ್ತಿ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಜಾಲ ಶಿವಮೊಗ್ಗ

ನಗರದ ಜೆಎನ್‌ಎನ್ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿಯಿಂದ ಆಯೋಜಿಸಿದ್ದ 48ನೇ ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನದಲ್ಲಿ ಬೆಂಗಳೂರಿನ ರೇವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ಅತ್ಯುತ್ತಮ ಪ್ರದರ್ಶನ ಪ್ರಶಸ್ತಿಗೆ ಭಾಜನವಾಯಿತು.

ರಾಜ್ಯದ ವಿವಿಧ ಭಾಗಗಳಿಂದ ಆಗಮಿಸಿದ್ದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡ ನೀಡಿದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನವನ್ನು ಪರಾಮರ್ಶಿಸಿದ ವಿಜ್ಞಾನಿಗಳ ತಂಡ ಎಂಬಿಎ, ಎಂಸಿಎ, ಎವಿ, ಏರೋನಾಟಿಕಲ್, ಸಾಮಾನ್ಯ ವಿಜ್ಞಾನಕ್ಕೆ ಸೇರಿದ ಸುಮಾರು 50 ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳಿಗೆ ವರ್ಷದ ಅತ್ಯುತ್ತಮ ಯೋಜನೆ ಬಹುಮಾನ ನೀಡಿ ಗೌರವಿಸಿತು.ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ (ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ) ಕಾರ್ಯದರ್ಶಿ ಪ್ರೊ. ಅಶೋಕ ಎಂ. ರಾಯಚೂರು ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳು ರೂಪಿಸಿದ ಪ್ರಾತ್ಯಕ್ಷಿಕೆಗಳು ಮತ್ತಷ್ಟು ಅವಿಷ್ಕಾರಿ ಸ್ವರೂಪಗಳನ್ನು ಪಡೆಯಲಿ. ಅಂತರಶಿಸ್ತೀಯ ತಾಂತ್ರಿಕ ವಿಚಾರಗಳನ್ನು ಹೊಂದಿದ ಉತ್ಪನ್ನಗಳಿಗೆ ಹೆಚ್ಚು ಬೇಡಿಕೆ ಇದೆ ಎಂದು ವಿವರಿಸಿದರು.

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಕಾರ್ಯದರ್ಶಿ ಎಸ್. ಎನ್.ನಾಗರಾಜ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಎನ್‌ಇಎಸ್ ಸಹ ಕಾರ್ಯದರ್ಶಿ ಡಾ. ಪಿ.ನಾರಾಯಣ್, ಕೆಎಸ್‌ಬಿಡಿಯ ಯೋಜನಾ ಸಲಹೆಗಾರ ಡಾ. ಜಿ.ಎನ್.ದಯಾನಂದ, ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಹಿರಿಯ ಯೋಜನಾ ಅಧಿಕಾರಿ ಡಾ. ಕೆ.ಎನ್.ವೆಂಕಟೇಶ್, ಜೈರಾಮ್, ಡಾ. ಎಸ್.ಜಿ.ಚೇತನ್, ಡಾ. ರವಿಕುಮಾರ್ ಉಪಸ್ಥಿತರಿದ್ದರು.



ರಾಜ್ಯಮಟ್ಟದ ಇಂಜಿನಿಯರಿಂಗ್ ವಿದ್ಯಾರ್ಥಿಗಳ ಪೋಸ್ಟರ್ ಪ್ರಸ್ತುತಿ ಮತ್ತು ನಾವೀನ್ಯ ಯೋಜನೆಗಳ ಪ್ರಾತ್ಯಕ್ಷಿಕೆ ಪ್ರದರ್ಶನದಲ್ಲಿ ಅತ್ಯುತ್ತಮ ಪ್ರಶಸ್ತಿಗೆ ಭಾಜನವಾದ ಬೆಂಗಳೂರಿನ ರೇವಾ ವಿಶ್ವವಿದ್ಯಾಲಯ ವಿದ್ಯಾರ್ಥಿಗಳ ತಂಡ. ಎಸ್.ಇ.ಸುಧೀಂದ್ರ, ಪ್ರೊ. ಅಶೋಕ ರಾಯಚೂರು, ಡಾ. ಪಿ.ನಾರಾಯಣ, ಜಿ.ಎನ್.ದಯಾನಂದ, ಡಾ. ಕೆ.ಎನ್.ವೆಂಕಟೇಶ್, ಜೈರಾಮ್, ಡಾ. ಎಸ್.ಜಿ.ಚೇತನ್, ಡಾ. ರವಿಕುಮಾರ್ ಇದ್ದರು.

ವಿಜ್ಞಾನ ಮತ್ತು ತಾಂತ್ರಿಕತೆ ಅಭಿವೃದ್ಧಿಯು ರಾಜ್ಯದ ಎಲ್ಲ ರಂಗಗಳಲ್ಲಿನ ಮುಂದುವರಿಕೆಗೆ ಮುಖ್ಯಮಂತ್ರಿ ಸಿದ್ದರಾಮಯ್ಯ ಅವರ ದೂರದೃಷ್ಟಿ ಕಾರಣ. ಪ್ರಾಥಮಿಕ ಶಿಕ್ಷಣದಿಂದಲೇ ಮಕ್ಕಳಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಾಂತ್ರಿಕತೆಯ ಕುರಿತು ಆಸಕ್ತಿ ಬೆಳೆಸುವುದು ಶಿಕ್ಷಣ ಸಚಿವ ಮಧು ಬಂಗಾರಪ್ಪ ಅವರ ಆಕಾಂಕ್ಷೆಯಾಗಿದೆ. ಅದಕ್ಕೆ ಪೂರಕವಾಗಿ ಮಂಡಳಿ ಕೆಲಸ ಮಾಡುತ್ತಿದೆ.

ಜೈವಿಕ ಇಂಧನ ಕುರಿತು ಸಂಶೋಧನೆ ಅವಶ್ಯ

ಜೈವಿಕ ಇಂಧನ ಕ್ಷೇತ್ರದಲ್ಲಿ ಸಮಗ್ರ ಮತ್ತು ಸುಸ್ಥಿರ ಬೆಳವಣಿಗೆಯನ್ನು ಸಾಧಿಸಲು ಸಂಶೋಧನೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಸಂಸ್ಥೆಗಳಿಂದ ಮಾತ್ರ ಸಾಧ್ಯವಿದೆ ಎಂದು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಜೈವಿಕ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ಮಂಡಳಿ ಅಧ್ಯಕ್ಷ ಎಸ್.ಇ.ಸುಧೀಂದ್ರ ಹೇಳಿದರು. ಸಮಾರೋಪ ಭಾಷಣ ಮಾಡಿದ ಅವರು, ಜೈವಿಕ ಇಂಧನ ಕುರಿತಾಗಿ ಅನೇಕ ಸಂಶೋಧನೆಗಳ ಅವಶ್ಯಕತೆಯಿದೆ. ಇದಕ್ಕಾಗಿ ಕೆಎಸ್‌ಸಿಎಸ್‌ಟಿ ಪೂರಕ ವೇದಿಕೆಗಳನ್ನು ಕಲ್ಪಿಸುತ್ತಿದೆ. ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾರತದ ಮು

48th series of Student Project Programme (SPP): 2024-25

Annual State-Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

College Wise List of projects selected for Poster presentation and Exhibition projects

Name of the Institution	Total Projects Sanctioned	Projects Selected for Poster Presentation (A)	Projects Selected for Exhibit project (B)	Total No. of projects Selected for Poster and Exhibition (A+B)
1. A. J. INSTITUTE OF MANAGEMENT, MANGALURU	2		1	1
2. A.C.S. COLLEGE OF ENGINEERING, BENGALURU	4	1		1
3. A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	12	2+1	1	4
4. A.M.C. ENGINEERING COLLEGE, BENGALURU	23		4+1	5
5. A.P.S. COLLEGE OF ENGINEERING, BENGALURU	1	1		1
6. A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	7		1	1
7. ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	8	1		1
8. ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	1	1		1
9. AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU	6	1		1
10. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	25	3	7+2+1	13
11. AMRITA VISHWA VIDYAPEETHAM, MYSURU	1		1	1
12. AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	6	1	1	2
13. ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	16	1+1	2+2	6
14. ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	23	1+1	3	5
15. B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	28	2+3	4+1	10
16. B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	21	2+1	1	4
17. B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	21	3	2+1	6
18. B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	16		1	1
19. B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU	10		1+2	3
20. B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	11		1	1
21. BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	46	2+1	9	12
22. BILURU GURUBASAVA MAHASWAMIJI INISTITURE OF TECHNOLOGY, MUDHOL, BAGALKOT	6	2	1	3
23. C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	4	1	1+1	3
24. C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	9	1	1+1	3
25. CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	11	1	1	2
26. CANARA ENGINEERING COLLEGE, MANGALURU	7		1	1
27. CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	6	2	1+1	4
28. CHRIST (DEEMED TO BE UNIVERSITY), KENGERI CAMPUS, BENGALURU	6		2+2	4
29. COLLEGE OF HORTICULTURE, BAGALKOT	4	1		1

Name of the Institution		Total Projects Sanctioned	Projects Selected for Poster Presentation (A)	Projects Selected for Exhibit project (B)	Total No. of projects Selected for Poster and Exhibition (A+B)
30.	COORG INSTITUTE OF TECHNOLOGY, KODAGU	5	1	1	2
31.	DAVANGERE UNIVERSITY, DAVANGERE	4	1	1	2
32.	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	15	2	1+1	4
33.	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	50	3	5	8
34.	DAYANANDA SAGAR UNIVERSITY, RAMANAGARA	19	2+2	2+1	7
35.	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	11		3+1	4
36.	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	5	1	1	2
37.	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	6	1	1	2
38.	EAST WEST COLLEGE OF ENGINEERING, YELAHANKA, BENGALURU	1		1	1
39.	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	23		7	7
40.	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	15	1	4+1	6
41.	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	14	2	1	3
42.	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	8	1	1	2
43.	GARDEN CITY UNIVERSITY, BENGALURU	20	1	4	5
44.	GITAM SCHOOL OF TECHNOLOGY, BENGALURU	2		1+1	2
45.	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	22	2	3+1	6
46.	GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU	3		1	1
47.	GOVERNMENT ENGINEERING COLLEGE, DODDAMANNUGUDDE, RAMANAGARA	1		1	1
48.	GOVERNMENT ENGINEERING COLLEGE, KARWAR	3		1	1
49.	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	16		1+1	2
50.	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	10	1		1
51.	H.K.E'S S.L.N. COLLEGE OF ENGINEERING, RAICHUR	2		1	1
52.	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	13	1	1	2
53.	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	6		1	1
54.	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	9		1	1
55.	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	23	2+2	5	9
56.	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI	8		1	1
57.	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	16	2+1	2	5
58.	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	18		4	4
59.	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	13		2	2
60.	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	30	2+2	1	5
61.	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	10	3		3
62.	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	3		1	1
63.	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	12	2	2	4

Name of the Institution	Total Projects Sanctioned	Projects Selected for Poster Presentation (A)	Projects Selected for Exhibit project (B)	Total No. of projects Selected for Poster and Exhibition (A+B)
64. K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	14	2		2
65. K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	16	3	3	6
66. K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	7	1	1+1	3
67. K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	13	1		1
68. K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	7		1	1
69. KAHERS JAWAHARLAL NEHRU MEDICAL COLLEGE, BELAGAVI	1	1		1
70. KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR	2		2	2
71. KRISTU JAYANTI COLLEGE AUTONOMOUS, BENGALURU	4	1		1
72. M.S. ENGINEERING COLLEGE, BENGALURU	8		2	2
73. M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	7	1		1
74. M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	17	3		3
75. MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA, MYSURU	4	1		1
76. MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN, AUTONOMOUS, BENGALURU	2	1	1	2
77. MALNAD COLLEGE OF ENGINEERING, HASSAN	10	2+1	1	4
78. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	28		6+1	7
79. MANGALORE UNIVERSITY, MANGALURU	1		1	1
80. N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	14		3+2	5
81. NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	25	1	3	4
82. NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPURA	5	1+1	1	3
83. NAGARJUNA DEGREE COLLEGE, BENGALURU	2	1		1
84. NAVKIS COLLEGE OF ENGINEERING, HASSAN	7	1+1		2
85. NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	64	2	7	9
86. NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	38	3+1	5+1+1	11
87. P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	21		2+2	4
88. P.E.S. COLLEGE OF ENGINEERING, MANDYA	10	1+1		2
89. P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	12	2	1	3
90. P.E.S. UNIVERSITY, BENGALURU	3	1	1	2
91. PRESIDENCY UNIVERSITY, BENGALURU	5		1+1	2
92. PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE, BALLARI	1		1	1
93. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	8		2+2	4
94. R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	10	2	3	5
95. R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	2		1	1
96. R.V. COLLEGE OF ENGINEERING, BENGALURU	6	1	2	3

Name of the Institution	Total Projects Sanctioned	Projects Selected for Poster Presentation (A)	Projects Selected for Exhibit project (B)	Total No. of projects Selected for Poster and Exhibition (A+B)
97. R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU	5	1	1	2
98. RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	10	1		1
99. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	9	3+2		5
100. REVA UNIVERSITY, BENGALURU	46	6	6+1	13
101. S.D.M. COLLEGE (AUTONOMOUS), UJIRE	1		1	1
102. S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	8	3	4	7
103. S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	7		2+1	3
104. S.E.A. COLLEGE OF SCIENCE, COMMERCE AND ARTS, BENGALURU	4	1		1
105. S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	11		3	3
106. S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	7		1	1
107. S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	24		2	2
108. SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	32	1	5+6	12
109. SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	18	1	1	2
110. SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	8	1		1
111. SCHOOL OF SCIENCES, JAIN (DEEMED TO BE UNIVERSITY), BENGALURU	4		1	1
112. SDM COLLEGE OF BUSINESS MANAGEMENT POST GRADUATE CENTRE FOR MANAGEMENT STUDIES AND RESEARCH, MANGALORE	3	1		1
113. SHARNBASVA UNIVERSITY, KALABURAGI	17		1	1
114. SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	6	1		1
115. SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	10	2+3	1	6
116. SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU	4	1		1
117. Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	3	1	1	2
118. SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	10	1	3	4
119. SRI KRISHNA INSTITUTE OF TECHNOLOGY, BENGALURU	1	1		1
120. SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	6	1	1	2
121. SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	28	3	6	9
122. SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	14	2	2+1	5
123. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	17	1+1	1+2	5
124. St. ALOYSIUS COLLEGE (AUTONOMOUS), MANGALURU	3	1	1	2
125. St. JOSEPH ENGINEERING COLLEGE, MANGALURU	12	1		1
126. St. JOSEPH'S UNIVERSITY, BENGALURU	1	1		1
127. T. JOHN INSTITUTE OF TECHNOLOGY, BENGALURU	2		1	1
128. TERESIAN COLLEGE, MYSURU	2	1		1
129. THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	7	1	1	2

Name of the Institution	Total Projects Sanctioned	Projects Selected for Poster Presentation (A)	Projects Selected for Exhibit project (B)	Total No. of projects Selected for Poster and Exhibition (A+B)
130. THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	7		2	2
131. V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI	8		3	3
132. VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	1	1		1
133. VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	23	1	3	4
134. VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	19	5+1	3+1	10
135. VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY PG CENTER NANDIHALLI, SANDUR, BALLARI	2	1		1
136. VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAAVI	1	1		1
137. VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA	11	1+1	2+1	5
138. VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU	3	1		1
139. YENEPOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU	10		2	2
Grand Total	**1556**	**171**	**269**	**440**

Note:

1. The projects highlighted in grey indicate the selected projects for Poster / Exhibition projects supported by ART-Park, IISc.
2. The projects highlighted in orange indicate the selected projects for Poster / Exhibition projects supported by KSBDB.
3. The projects highlighted in green indicate the selected projects for Poster / Exhibition projects supported by both KSBDB and ART-Park, IISc.
4. The projects highlighted in red colour text indicate the selected projects for Poster / Exhibition projects supported by ART-Park, IISc.
5. The projects highlighted in blue colour text indicate the selected projects for Poster / Exhibition projects supported by KSBDB.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

48th series of Student Project Programme (SPP): 2024-25

Annual State-Level Poster Presentation and Exhibition to be held at
Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

Branch-Wise List of projects selected for Poster presentation and Exhibition projects

Branch of Engineering / Science	Total Approved Proposals	Projects Selected for Poster Presentation	Projects Selected for Exhibit project	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project
1. AERONAUTICAL ENGINEERING	20	2	4		
2. AEROSPACE ENGINEERING	6		1		
3. AGRICULTURE ENGINEERING	2		2		
4. ALLIED HEALTH SCIENCE	1	1			
5. ALLIED HEALTHCARE AND SCIENCES	1				
6. ANALYTICAL CHEMISTRY	1				
7. APPLIED GEOLOGY	1	1			
8. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	23	8	4	8	4
9. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	79	9	13	9	13
10. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	1		1		1
11. AUTOMOBILE ENGINEERING	2		1		
12. BIOCHEMISTRY	6		2		
13. BIOELECTRONICS	1	1			
14. BIOINFORMATICS	2	1	1		
15. BIOLOGICAL SCIENCES	2	1			
16. BIOMEDICAL ENGINEERING	3				
17. BIOTECHNOLOGY	43	7	7		
18. BIOTECHNOLOGY AND MICROBIOLOGY	1	1			
19. BOTANY	3	1	1		
20. BUSINESS ANALYTICS	1				
21. BUSINESS ANLYTICS AND H R	1	1			
22. CANCER BIOLOGY	1				
23. CHEMICAL ENGINEERING	7	2	1		
24. CHEMISTRY	23	2	3		
25. CIVIL ENGINEERING	134	22	10		
26. COMMUNICATION ENGINEERING AND NETWORKS	1				

Branch of Engineering / Science	Total Approved Proposals	Projects Selected for Poster Presentation	Projects Selected for Exhibit project	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project
27. COMPUTER AIDED DESIGN OF STRUCTURES	2				
28. COMPUTER APPLICATIONS	63	7	10	2	2
29. COMPUTER ENGINEERING	7	1			
30. COMPUTER SCIENCE	11	1	4		2
31. COMPUTER SCIENCE AND BUSSINESS SYSTEM	3	2		1	
32. COMPUTER SCIENCE AND DESIGN	6	1	1		
33. COMPUTER SCIENCE AND ENGENEERING	1				
34. COMPUTER SCIENCE AND ENGINEERING	371	37	49	7	9
35. CONSTRUCTION TECHNOLOGY AND MANAGEMENT	1				
36. DATA SCIENCE	23	1	1	1	1
37. DIGITAL COMMUNICATION AND NETWORKING	1				
38. ELECTRICAL AND ELECTRONICS ENGINEERING	112	1	23		
39. ELECTRONICS AND COMMUNICATION ENGINEERING	290	17	60		3
40. ELECTRONICS AND INSTRUMENTATION ENGINEERING	8	1	1		
41. ELECTRONICS AND TELECOMMUNICATION ENGINEERING	17	2	2		
42. ENERGY SYSTEMS AND MANAGEMENT	1				
43. ENVIRONMENTAL ENGINEERING	2				
44. FASHION DESIGNING	1				
45. FINANCE	5	1			
46. FLORICULTURE AND LANDSCAPING	2	1			
47. FOOD SCIENCE AND NUTRITION	1				
48. FOOD SCIENCE AND TECHNOLOGY	1	1			
49. FOOD TECHNOLOGY	1				
50. FOOD TECHNOLOGY AND QUALITY MANAGEMENT	1				
51. HR AND MARKETING	1		1		
52. HUMAN RESOURCE & ANALYTICS	1				
53. INDUSTRIAL AND PRODUCTION ENGINEERING	2				
54. INDUSTRIAL AUTOMATION AND ROBOTICS	1				

Branch of Engineering / Science	Total Approved Proposals	Projects Selected for Poster Presentation	Projects Selected for Exhibit project	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project
55. INFORMATION SCIENCE AND ENGINEERING	165	17	18	3	1
56. INFORMATION TECHNOLOGY	1		1		
57. INTERDISCIPLINARY	4		1		1
58. LIFE SCIENCE	3				
59. M.B.A	61	8	3		
60. MANAGEMENT AND COMMERCE	1				
61. MARINE ENGINEERING	1				
62. MARKETING	1				
63. MATHEMATICS	1				
64. MECHANICAL ENGINEERING	117	6	25		
65. MECHATRONICS ENGINEERING	5		4		
66. MEDICAL ELECTRONICS	4	1	1		
67. MICROBIAL TECHNOLOGY	2		1		
68. MICROBIOLOGY	7				
69. MINERAL PROCESSING	1				
70. MOLECULAR BIOLOGY AND BIOTECHNOLOGY	1				
71. ORGANIC CHEMISTRY	7	2			
72. POLYMER SCIENCE AND TECHNOLOGY	1				
73. POSTHARVEST MANAGEMENT	1				
74. ROBOTICS AND AI	1		1		1
75. ROBOTICS AND AUTOMATION	14	1	5	1	5
76. ROBOTICS AND MECHATRONICS	4		3		2
77. SOFTWARE ENGINEERING	2		1		
78. STRUCTURAL ENGINEERING	3	1			
79. SUPPLY CHAIN MANAGEMENT, FINANCE, MARKETING	1	1			
80. TELECOMMUNICATION ENGINEERING	1		1		
81. ZOOLOGY	1		1		
Grand Total	**1713**	**171**	**269**	**32**	**45**

48th series of Student Project Programme (SPP): 2024-25

Annual State-Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

Name of the Institution	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project	Total No. of Projects Selected for Poster / Exhibit
1. A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	1		1
2. A.M.C. ENGINEERING COLLEGE, BENGALURU		1	1
3. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI		2	2
4. ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	1	2	3
5. ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	1		1
6. B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	3	1	4
7. B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	1		1
8. B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU		1	1
9. B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU		2	2
10. C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR		1	1
11. C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
12. CHRIST (DEEMED TO BE UNIVERSITY), KENGERI CAMPUS, BENGALURU		2	2
13. DAVANGERE UNIVERSITY, DAVANGERE		1	1
14. DAYANANDA SAGAR UNIVERSITY, RAMANAGARA	2	1	3
15. DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
16. Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
17. G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR		1	1
18. G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	1		1
19. GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU		1	1
20. GOVERNMENT ENGINEERING COLLEGE, KARWAR		1	1
21. GURU NANAK DEV ENGINEERING COLLEGE, BIDAR		1	1
22. J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU		1	1
23. J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	2		2
24. JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	2		2
25. MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA, MYSURU	1		1
26. MALNAD COLLEGE OF ENGINEERING, HASSAN	1		1
27. N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE		2	2
28. NAVKIS COLLEGE OF ENGINEERING, HASSAN	1		1

Name of the Institution	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project	Total No. of Projects Selected for Poster / Exhibit
29. NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	1	1	2
30. P.D.A. COLLEGE OF ENGINEERING, KALABURAGI		2	2
31. PRESIDENCY UNIVERSITY, BENGALURU		1	1
32. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU		2	2
33. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	2		2
34. REVA UNIVERSITY, BENGALURU		1	1
35. S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE		2	2
36. SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	1	6	7
37. SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
38. SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	1		1
39. SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	3		3
40. SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	1		1
41. SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	1		1
42. SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU		1	1
43. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	1	2	3
44. VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	1		1
45. VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	1	1	2
46. VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAAVI	1		1
47. VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA	1	1	2
Grand Total	**32**	**45**	**77**

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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48th series of Student Project Programme (SPP): 2024-25

Annual State-Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

Branch-Wise List of ART-Park, IISc supported projects selected for Poster presentation and Exhibition projects

BRANCH OF ENGINEERING / SCIENCE	PROJECTS SPONSORED BY ART PARK, IISc	ART-PARK Sponsored Project selected for Poster Presentation	ART-PARK Sponsored Project selected for Exhibit project
1. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	23	8	4
2. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	79	9	13
3. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	1		1
4. CIVIL ENGINEERING	1		
5. COMPUTER APPLICATIONS	13	2	2
6. COMPUTER ENGINEERING	4		
7. COMPUTER SCIENCE	3		2
8. COMPUTER SCIENCE AND BUSSINESS SYSTEM	1	1	
9. COMPUTER SCIENCE AND ENGENEERING	1		
10. COMPUTER SCIENCE AND ENGINEERING	46	7	9
11. DATA SCIENCE	23	1	1
12. DIGITAL COMMUNICATION AND NETWORKING	1		
13. ELECTRICAL AND ELECTRONICS ENGINEERING	4		
14. ELECTRONICS AND COMMUNICATION ENGINEERING	23		3
15. INDUSTRIAL AUTOMATION AND ROBOTICS	1		
16. INFORMATION SCIENCE AND ENGINEERING	24	3	1
17. INTERDISCIPLINARY	1		1
18. M.B.A	3		
19. MECHANICAL ENGINEERING	4		
20. ROBOTICS AND AI	1		1
21. ROBOTICS AND AUTOMATION	14	1	5
22. ROBOTICS AND MECHATRONICS	3		2
Grand Total	**274**	**32**	**45**

48th series of Student Project Programme (SPP): 2024-25

Annual State-Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

Karnataka State Bioenergy Development Board (KSBDB) Supported projects - College Wise List of projects selected for Poster presentation and Exhibition projects

Name of the Institution	KSBDB Sponsored Project selected for Poster Presentation	KSBDB Sponsored Project selected for Exhibit project	Total No. of Projects Selected for Poster / Exhibit
1. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI		1	1
2. BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	1		1
3. CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU		1	1
4. DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU		1	1
5. GITAM SCHOOL OF TECHNOLOGY, BENGALURU		1	1
6. JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	1		1
7. K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA		1	1
8. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI		1	1
9. NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPURA	1		1
10. NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
11. P.E.S. COLLEGE OF ENGINEERING, MANDYA	1		1
12. R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG		1	1
13. S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
14. Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU		1	1
15. TERESIAN COLLEGE, MYSURU	1		1
16. VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	1		1
Grand Total	**6**	**10**	**16**

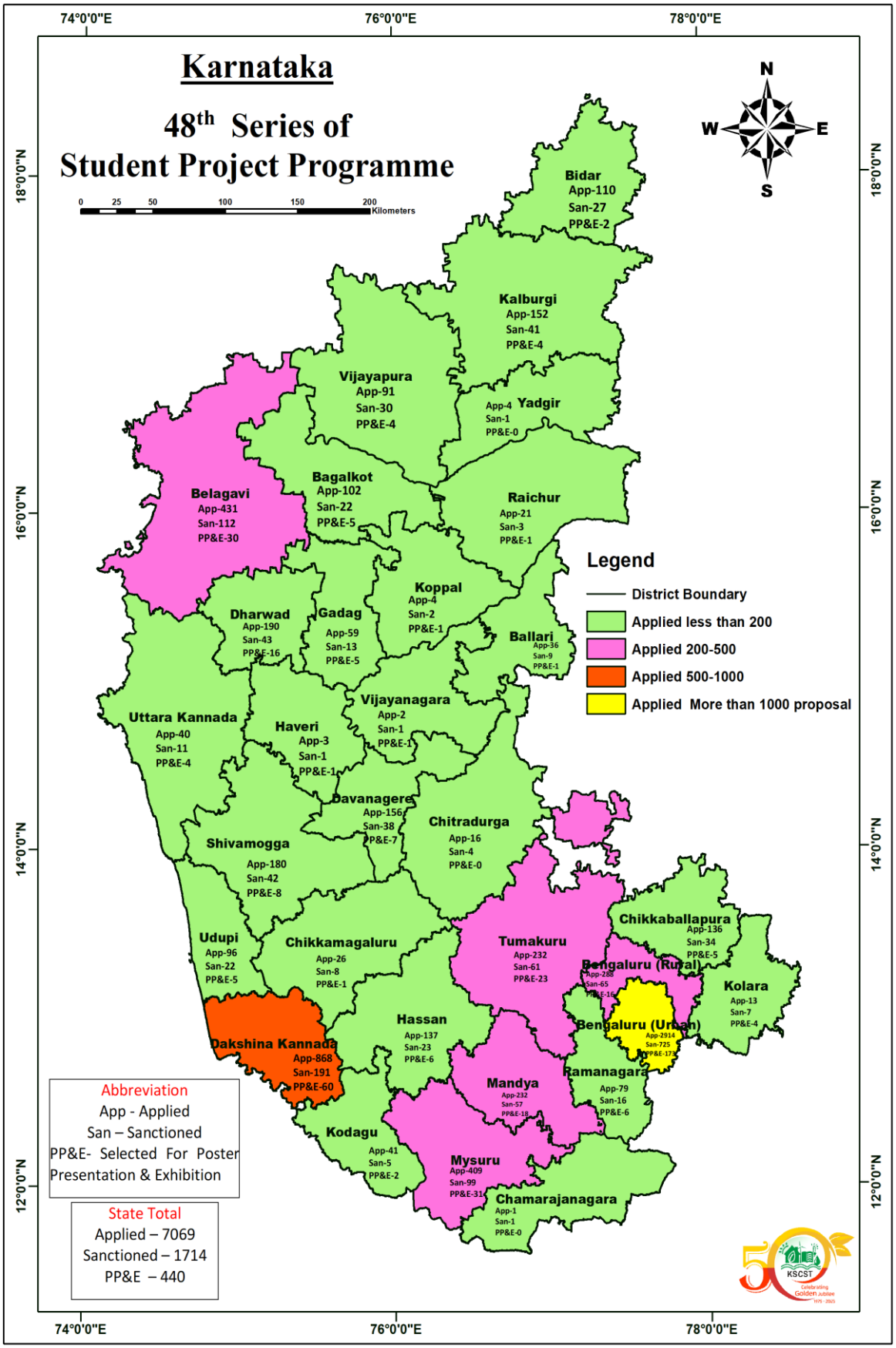
48th series of Student Project Programme (SPP): 2024-25

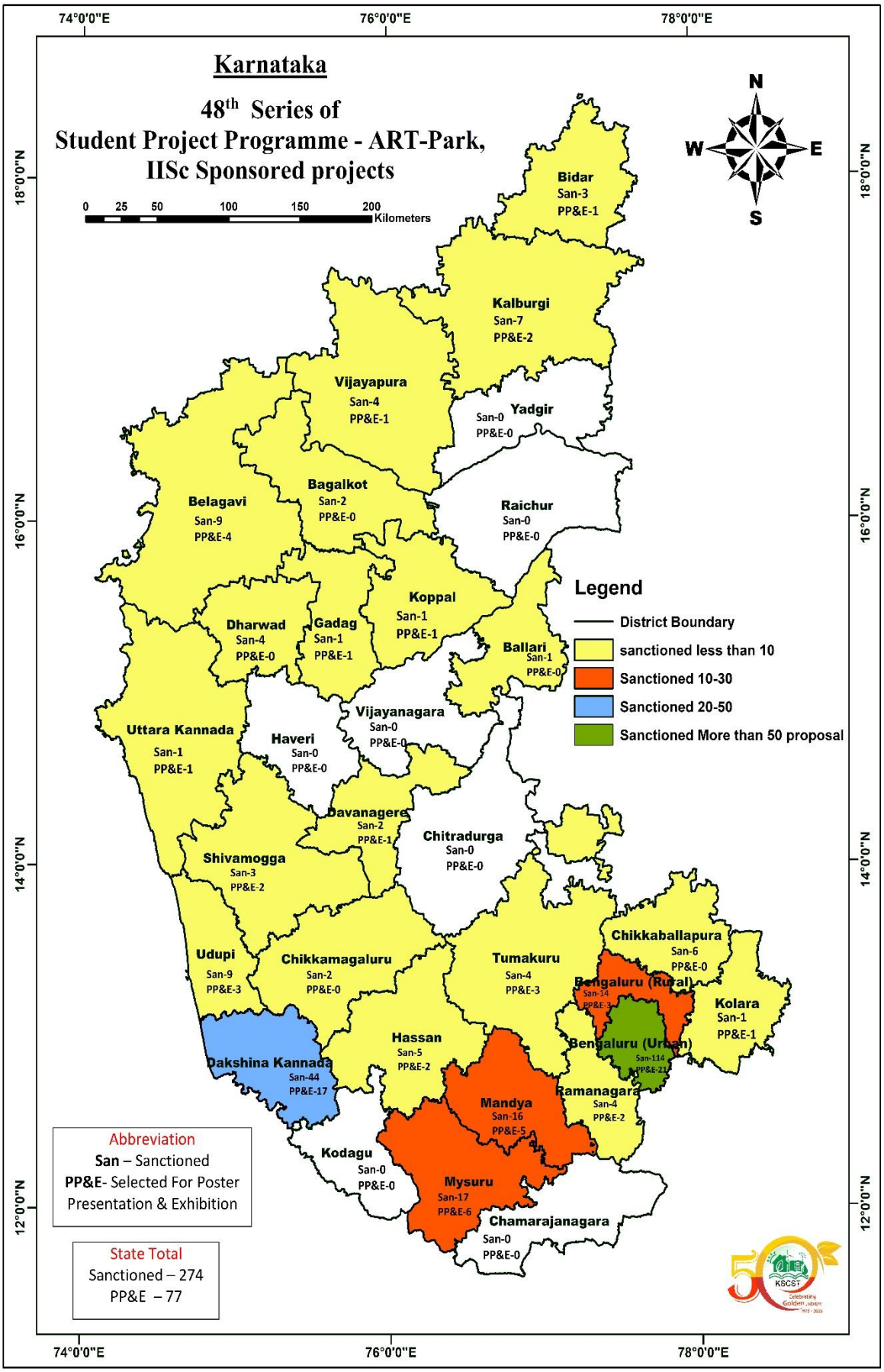
Annual State-Level Poster Presentation and Exhibition to be held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1 and 2 August 2025

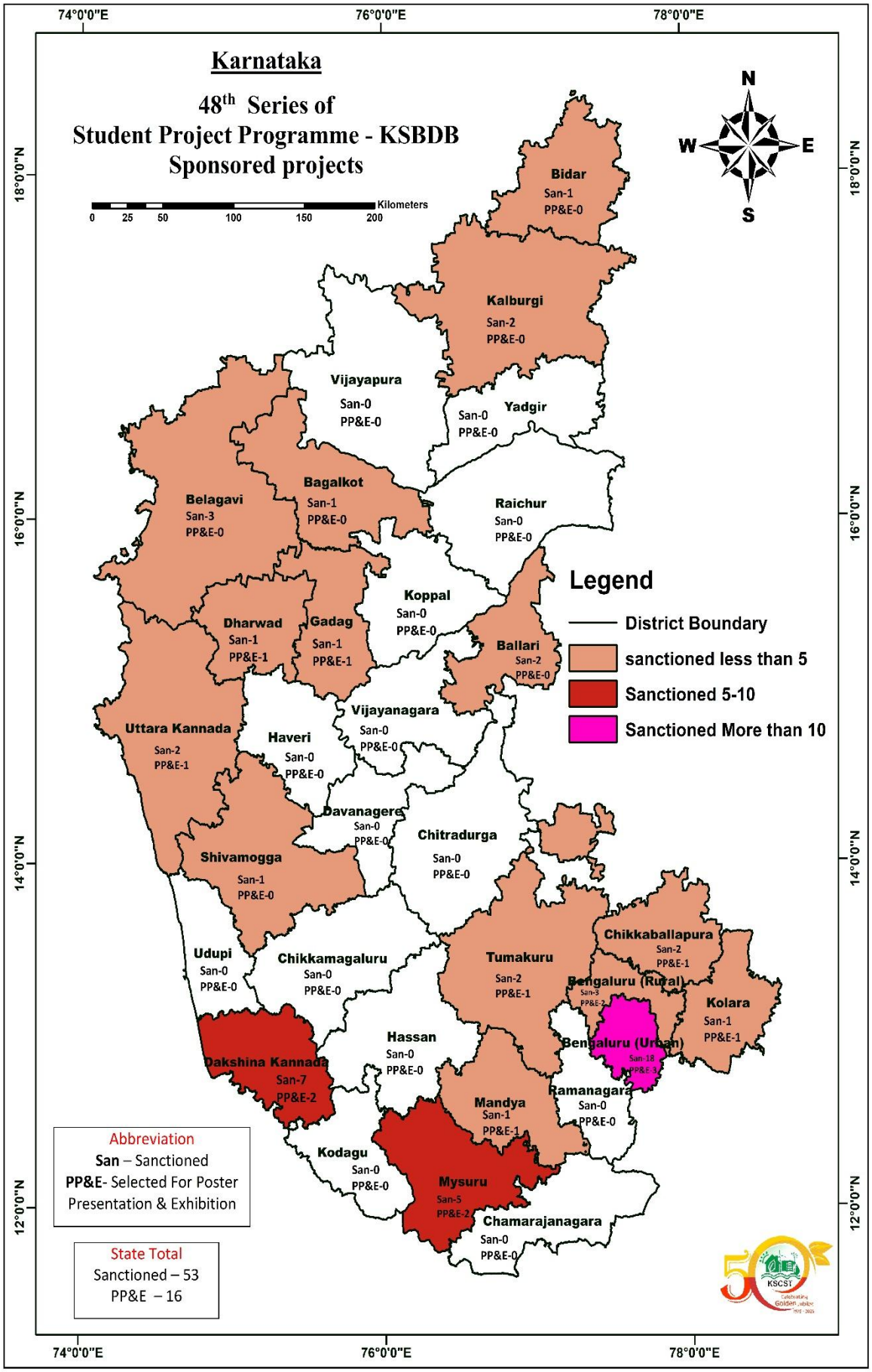
Branch-Wise List of Karnataka State Bioenergy Development Board (KSBDB) supported projects selected for Poster presentation and Exhibition projects

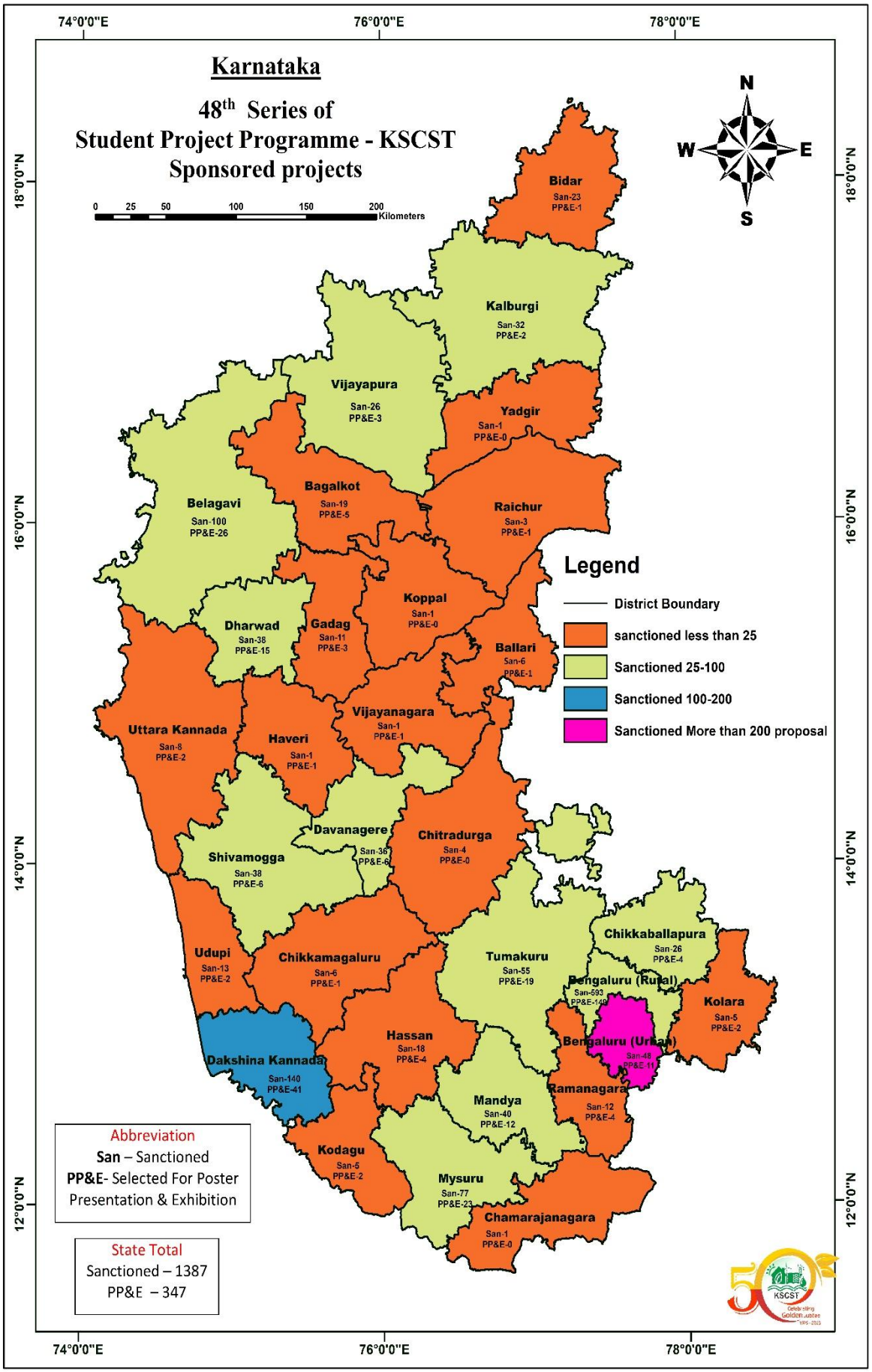
BRANCH OF ENGINEERING / SCIENCE	PROJECTS SPONSORED BY KSBDB, GoK	KSBDB, GoK Sponsored Project selected for Poster Presentation	KSBDB, GoK Sponsored Project selected for Exhibit project
1. AERONAUTICAL ENGINEERING	1		
2. AGRICULTURE ENGINEERING	1		1
3. BIOCHEMISTRY	1		
4. BIOTECHNOLOGY	4		
5. BOTANY	1	1	
6. CIVIL ENGINEERING	4	2	1
7. COMPUTER APPLICATIONS	2	1	1
8. ELECTRICAL AND ELECTRONICS ENGINEERING	14		3
9. ELECTRONICS AND COMMUNICATION ENGINEERING	6		1
10. ELECTRONICS AND INSTRUMENTATION ENGINEERING	1		
11. FINANCE	1		
12. M.B.A	2	1	
13. MECHANICAL ENGINEERING	13	1	3
14. MECHATRONICS ENGINEERING	1		
15. MICROBIOLOGY	1		
Grand Total	**53**	**6**	**10**

Representation of statistics of 48th series Student Project Programme




Karnataka
48th Series of
Student Project Programme - ART-Park,
IISc Sponsored projects
0 25 50 100 150 200 Kilometers
N
W
E
S
74°0'0"E
76°0'0"E
78°0'0"E
18°0'0"N
16°0'0"N
14°0'0"N
12°0'0"N
Bidar
San-3
PP&E-1
Kalburgi
San-7
PP&E-2
Vijayapura
San-4
PP&E-1
Yadgir
San-0
PP&E-0
Bagalkot
San-2
PP&E-0
Belagavi
San-9
PP&E-4
Raichur
San-0
PP&E-0
Koppal
San-1
PP&E-1
Dharwad
San-4
PP&E-0
Gadag
San-1
PP&E-1
Ballari
San-1
PP&E-0
Vijayanagara
San-0
PP&E-0
Uttara Kannada
San-1
PP&E-1
Haveri
San-0
PP&E-0
Davanagere
San-2
PP&E-1
Chitradurga
San-0
PP&E-0
Shivamogga
San-3
PP&E-2
Udupi
San-9
PP&E-3
Chikkamagaluru
San-2
PP&E-0
Tumakuru
San-4
PP&E-3
Chikkaballapura
San-6
PP&E-0
Bengaluru (Rural)
San-14
PP&E-3
Kolara
San-1
PP&E-1
Bengaluru (Urban)
San-114
PP&E-21
Hassan
San-5
PP&E-2
Dakshina Kannada
San-44
PP&E-17
Ramanagara
San-4
PP&E-2
Mandya
San-16
PP&E-5
Kodagu
San-0
PP&E-0
Mysuru
San-17
PP&E-6
Chamarajanagara
San-0
PP&E-0
Legend
District Boundary
sanctioned less than 10
Sanctioned 10-30
Sanctioned 20-50
Sanctioned More than 50 proposal
Abbreviation
San – Sanctioned
PP&E- Selected For Poster Presentation & Exhibition
State Total
Sanctioned – 274
PP&E – 77


Karnataka
48th Series of
Student Project Programme - KSBDB
Sponsored projects
Kilometers
0 25 50 100 150 200
N
W
E
S
74°0'0"E
76°0'0"E
78°0'0"E
18°0'0"N
16°0'0"N
14°0'0"N
12°0'0"N
Bidar
San-1
PP&E-0
Kalburgi
San-2
PP&E-0
Vijayapura
San-0
PP&E-0
Yadgir
San-0
PP&E-0
Bagalkot
San-1
PP&E-0
Belagavi
San-3
PP&E-0
Raichur
San-0
PP&E-0
Koppal
San-0
PP&E-0
Dharwad
San-1
PP&E-1
Gadag
San-1
PP&E-1
Ballari
San-2
PP&E-0
Vijayanagara
San-0
PP&E-0
Uttara Kannada
San-2
PP&E-1
Haveri
San-0
PP&E-0
Davanagere
San-0
PP&E-0
Chitradurga
San-0
PP&E-0
Shivamogga
San-1
PP&E-0
Udupi
San-0
PP&E-0
Chikkamagaluru
San-0
PP&E-0
Tumakuru
San-2
PP&E-1
Chikkaballapura
San-2
PP&E-1
Bengaluru (Rural)
San-3
PP&E-2
Kolara
San-1
PP&E-1
Bengaluru (Urban)
San-18
PP&E-3
Hassan
San-0
PP&E-0
Dakshina Kannada
San-7
PP&E-2
Ramanagara
San-0
PP&E-0
Mandya
San-1
PP&E-1
Kodagu
San-0
PP&E-0
Mysuru
San-5
PP&E-2
Chamarajanagara
San-0
PP&E-0
Legend
District Boundary
sanctioned less than 5
Sanctioned 5-10
Sanctioned More than 10
Abbreviation
San – Sanctioned
PP&E- Selected For Poster Presentation & Exhibition
State Total
Sanctioned – 53
PP&E – 16


Karnataka
48th Series of
Student Project Programme - KSCST
Sponsored projects
0 25 50 100 150 200 Kilometers
N
W
E
S
74°0'0"E
76°0'0"E
78°0'0"E
18°0'0"N
16°0'0"N
14°0'0"N
12°0'0"N
Bidar
San-23
PP&E-1
Kalburgi
San-32
PP&E-2
Vijayapura
San-26
PP&E-3
Yadgir
San-1
PP&E-0
Bagalkot
San-19
PP&E-5
Belagavi
San-100
PP&E-26
Raichur
San-3
PP&E-1
Koppal
San-1
PP&E-0
Dharwad
San-38
PP&E-15
Gadag
San-11
PP&E-3
Ballari
San-6
PP&E-1
Vijayanagara
San-1
PP&E-1
Uttara Kannada
San-8
PP&E-2
Haveri
San-1
PP&E-1
Davanagere
San-36
PP&E-6
Chitradurga
San-4
PP&E-0
Shivamogga
San-38
PP&E-6
Udupi
San-13
PP&E-2
Chikkamagaluru
San-6
PP&E-1
Tumakuru
San-55
PP&E-19
Chikkaballapura
San-26
PP&E-4
Bengaluru (Rural)
San-593
PP&E-149
Kolara
San-5
PP&E-2
Bengaluru (Urban)
San-48
PP&E-11
Hassan
San-18
PP&E-4
Dakshina Kannada
San-140
PP&E-41
Ramanagara
San-12
PP&E-4
Mandya
San-40
PP&E-12
Kodagu
San-5
PP&E-2
Mysuru
San-77
PP&E-23
Chamarajanagara
San-1
PP&E-0
Legend
District Boundary
sanctioned less than 25
Sanctioned 25-100
Sanctioned 100-200
Sanctioned More than 200 proposal
Abbreviation
San – Sanctioned
PP&E- Selected For Poster Presentation & Exhibition
State Total
Sanctioned – 1387
PP&E – 347

Karnataka State Council for Science and Technology

Indian Institute of Science campus, Bengaluru

Experts List for 48th series Student Project Programme (SPP)

Indian Institute of Science, Bengaluru

Sl. No.	Name	Designation & Department
1.	Prof. Mohan Rao G	Professor, Department of Instrumentation and Applied Physics
2.	Prof. Venkatarama Reddy B V	Former Professor & Chairman, Civil Engineering
3.	Prof. Praveen C. Ramamurthy	Professor, Department of Materials Engineering
4.	Prof. T. Srinivas	Associate Professor, Department of Electrical Communication Engineering
5.	Prof. Pramod Kumar	Associate Professor, Department of Mechanical Engineering
6.	Prof. Varsha Singh	Associate Professor, Department of Developmental Biology & Genetics (formerly MRDG)
7.	Prof. Lakshminarayana Rao	Associate Professor, Centre for Sustainable Technologies
8.	Dr. Srimonta Gayen	Assistant Professor, Developmental Biology and Genetics
9.	Dr. Susmita Dash	Assistant Professor, Mechanical Engineering
10.	Dr. U. Chandini	Assistant Professor, Instrumentation and Applied Physics
11.	Dr. Shantanu P. Shukla	Assistant Professor, Developmental Biology and Genetics
12.	Dr. Ankur Chauhan	Assistant Professor, Department of Materials Engineering
13.	Dr. Manish Arora	Assistant Professor, Centre for Product Design and Manufacturing (CPDM)
14.	Dr. Jayaprakash	Assistant Professor, Instrumentation and Applied Physics
15.	Dr. Manukumara Manjappa	Assistant Professor, Instrumentation and Applied Physics
16.	Dr. Ravi Raju	Chief Research Scientist, Department of Materials Engineering
17.	Dr. B Subba Reddy	Chief Research Scientist, High Voltage Laboratory, Department of Electrical Engineering
18.	Dr. Raghuveer Rao P	Principal Research Scientist, Department of Civil Engineering
19.	Dr. Ravindranath H. Aladakatti	Principal Research Scientist, Central Animal Facility

20.	Dr. Chalapathi Rao N V	Former Principal Research Scientist, Department of Electronic Systems Engineering
21.	Dr. Krishna Kumar M	Former Principal Research Scientist, Department of Electronic Systems Engineering
22.	Dr. Mudakavi J R	Former Chief Research Scientist, Department of Chemical Engineering
23.	Dr. Shenoy U J	Former Chief Research Scientist, Department of Electrical Engineering

Talent Development Centre, Indian Institute of Science, Challakere campus

Sl. No.	Name	Designation & Department
1.	Dr. S. Aravinda	Coordinator in Biology Indian Institute of Science, Challakere, Chitradurga
2.	Dr. Mohammad Mushaf	Institute of Eminence Teaching Fellow Indian Institute of Science, Challakere, Chitradurga

CSIR - National Aerospace Laboratories (NAL), Bengaluru

Sl. No.	Name	Designation
1.	Dr. Venkateshwarlu Karodi	Chief Scientist, Materials Science Division, CSIR - NAL
2.	Dr. Kota Solomon Raju	Chief Scientist & Head, Information and Communications Technology Division (ICTD), CSIR - NAL
3.	Dr. V. P.S. Naidu	Chief Scientist & Professor (AcSIR), Multi-Sensor Data Fusion Lab, CSIR - NAL
4.	Dr. Sivasubba Rao P	Senior Principal Scientist, Structural Technological Division, CSIR - NAL
5.	Dr. Chakradhar R P S	Principal Scientist, Surface Engineering Division, NAL
6.	Dr. Panbarasu K	Principal Technical Officer, Structural Integrity Division, CSIR - NAL
7.	Dr. Ranganathan V R	Former Chief Scientist, CSIR-NAL

Other R & D Institutions and Private establishments

Sl. No.	Name	Designation and Institute
1.	Mr. Arun Kumar J. G.	Joint Director & Group Head, Product Design and engineering (PDE), Central Manufacturing Technology Institute (CMTI), Bengaluru
2.	Dr. Venugopal B V	Former Technical Expert, Central Manufacturing Technology Institute (CMTI), Bengaluru

3.	Dr. Arulalan M R	Former Assistant Professor, Department of Electronics & Communication Engineering, NITK, Surathkal, Mangalore
4.	Dr. Manisha D. Mujumdar	Technical Engineer, Bengaluru
5.	Shri. Narasimhan S M	Technical Expert, Mysuru
6.	Dr. Ashok Rao	Technical Expert, Mysuru
7.	Mr. Dayananda G.N.	Manager, Karnataka State Bioenergy Development Board, Government of Karnataka

Karnataka State Council for Science and Technology (KSCST) – Key Personnel

Sl. No.	Name	Designation	
1.	Prof. Ashok M. Raichur	Secretary, KSCST and Professor, Department of Materials Engineering, IISc.	
2.	Dr. U T Vijay	Former Executive Secretary I/c., & Chief Scientific Officer	
3.	Mr. Venkatesh K N	Senior Project Engineer	Implementation and Co-ordination of SPP Activity
4.	Mrs. Anjani	Project Engineer	

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SYNOPSIS OF PROJECTS AWARDED UNDER THE 48TH SERIES OF SPP

1. EFFECT OF NATURAL FIBERS ON THE STRENGTH AND DAMAGE IN ADHESIVELY BONDED JOINTS.

Project Reference No.: 48S_BE_1243

College : KLS Gogte Institute of Technology
Branch : Department of Aeronautical Engineering
Guide(s) : Dr. Lokamanya Chikmath and Mr. Ramanath MN
Students : Mr. Mallikarjun Chinagundi, Ms. Aastha Patil, Ms. Aital Shaikh and Ms. Chinmayi Hosamani

Introduction:

Over the years, the applications of adhesively bonded joints in aerospace and marine engineering have increased due to their higher strength-to-weight ratio, joining of dissimilar materials and uniform stress distribution resulting in better load transfer. The adhesively bonded joints mostly fail due to adhesive failure because of their lower tensile strength compared to adherent plates. Hence, the current study focuses on adhesive failure. Hitherto, there have been failures of adhesively bonded joints due to micro-crack damages on the adherent plates that go unnoticed during the inspection and lead to catastrophe. These cracks arise due to poor surface finish or due to cut-out sections. Different failure modes of adhesively bonded joints are pictorially.

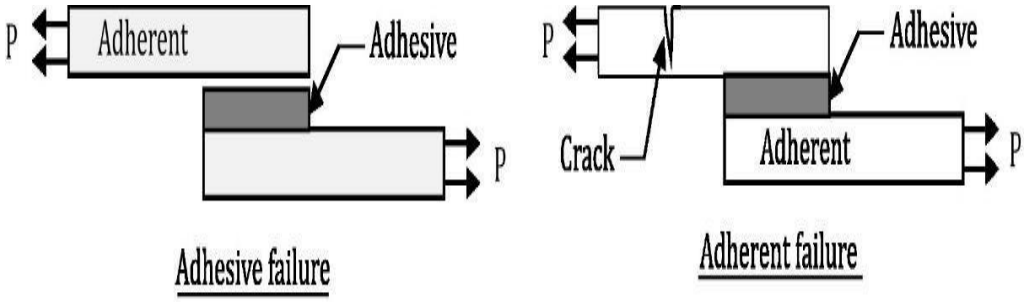


Figure: Bonded joint failure mode

Objective:

The key objectives include:

1. Analyzing the effect of natural fibers, Rachis and Petiole, on the static strength and failure load of adhesively bonded joints, emphasizing on how these fibers improve load distribution.
2. Determining the optimal number of fibers within the adhesive.
3. To study the impact of natural fibers on adherent failure due to crack like damages.
4. Evaluate the efficacy of fiber integration with various adhesives (UHU plus Endfest 300, FM 73, and Araldite 2015) and identify the combination that yields best results.

Methodology:

1. A single lap joint (Delzendehrooy et al. 2020) with UHU plus epoxy, FM 73, and Araldite 2015 adhesives, reinforced by natural date palm fibers, is analyzed considering geometric and material non-linearity.

2. A 3D finite element model is developed in ABAQUS using eight-node brick elements, assuming homogeneous, isotropic materials. One end is fixed, and the other is subjected to axial load ‘P’, ensuring displacement continuity.
3. Mesh refinement is applied at overlap corners with a maximum aspect ratio of 4. Cohesive Zone Modeling (CZM) with a bi-linear traction-separation law simulates adhesive behavior.
4. Failure load is identified by evaluating von Mises stress in the adhesive overlap; failure occurs when the average stress exceeds the adhesive yield strength over 2.7% of the overlap length.
5. Adherent plate failure is assessed using a fracture mechanics approach, introducing through-thickness cracks at various locations. Crack severity is evaluated via the Modified Virtual Crack Closure Integral (MVCCI) method.

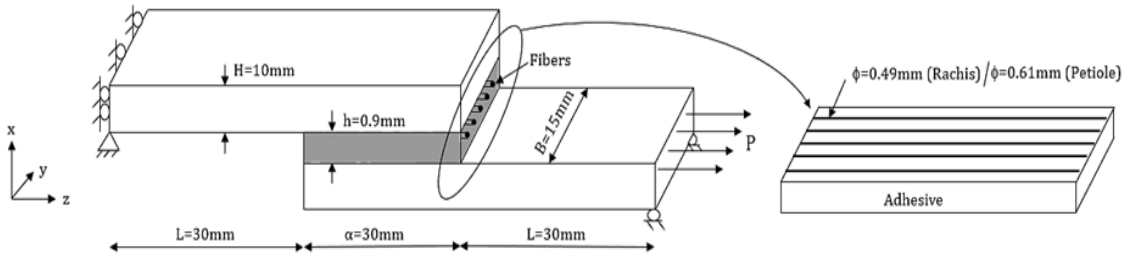


Figure: Lap Joint Configuration

Result and conclusion:

The study examined the effect of Rachis and Petiole fibers on adhesively bonded joints using FM 73, UHU Plus Endfest 300, and Araldite 2015 adhesives. The optimal setup used seven Rachis fibers, which significantly reduced shear stresses at overlap ends and enhanced joint strength. In FM 73, Rachis fibers reduced stress by 40% and Petiole by 32%; in Araldite 2015, both reduced stress by 33%. Due to higher stiffness and yield strength, fibers bore more stress than the adhesive. Failure loads increased significantly with fiber inclusion—Rachis fibers improved failure loads by 122% in UHU and 125% in FM 73, while Petiole fibers resulted in 12% and 28% increases, respectively.

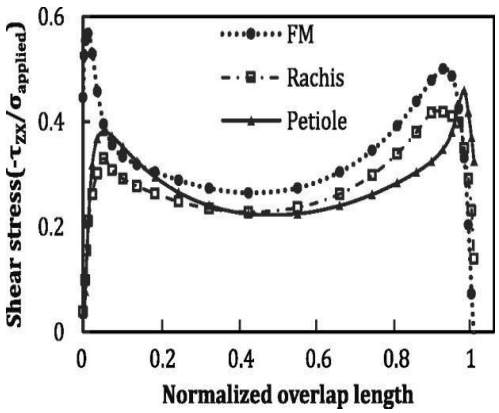


Figure: Variation of shear stress for FM73 model

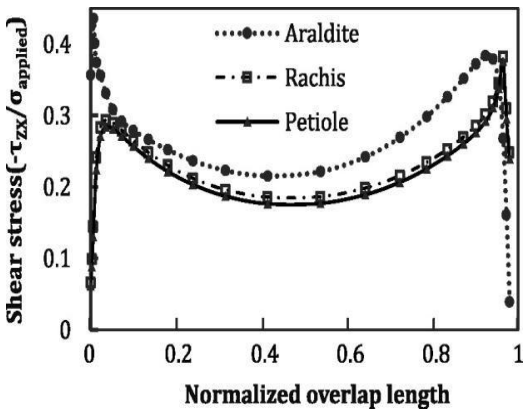


Figure: Variation of shear stress for Araldite model

Adherent failure analysis was conducted on joint with UHU adhesive and Rachis fiber by introducing a through-crack (α/β = 0.5) at various locations in the top adherent plates.

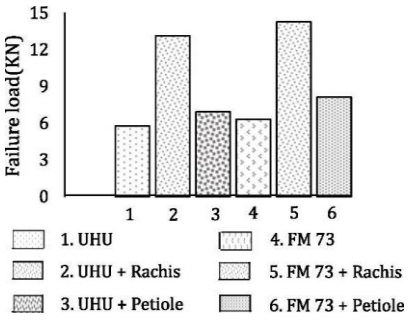


Figure: Comparison of failure load for UHU and FM73 with and without fibers

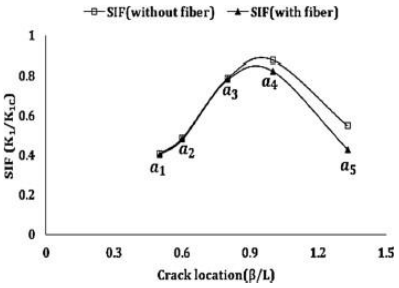


Figure: SIF variation at different crack locations

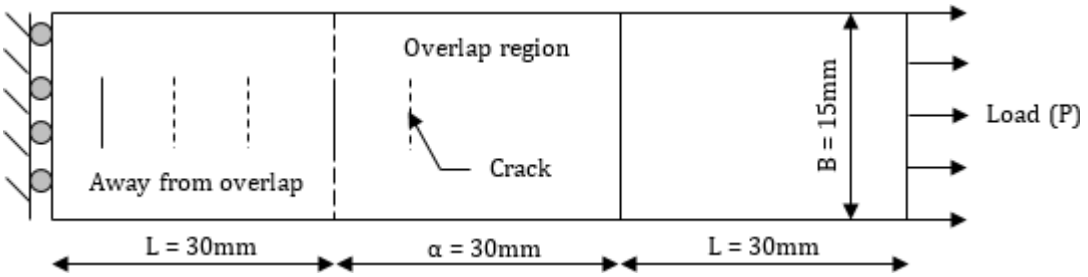


Figure: Location of crack evaluated for adherent failure mode

The crack locations included regions away from the overlap (a_1 = 0.5, a_2 = 0.6, a_3 = 0.8), at the overlap ends (a_4 = 1), and within the overlap region (a_5 = 1.33). Cracks away from the overlap (a_1, a_2) were less severe, while cracks near (a_3) and exactly at the overlap ends (a_4) were critical due to higher bending stresses at the crack tip. Cracks within the overlap region (a_5) showed a 37% reduction in severity due to the adhesive reducing plate bending. The presence of Rachis fibers further reduced crack intensity by 7% at the overlap ends (a_4) and 22% within the overlap region (a_5), as the fibers acted as stiffening elements, minimizing bending and crack severity. In conclusion, Rachis fibers significantly reduced overlap-end stresses and nearly doubled joint strength; Petiole fibers had minimal effect. Failure analysis aligned well with experimental results. Fibers also reduced crack severity, highlighting their potential for crack mitigation in thin-walled structure.

2. SAMARTHAN-AI – EARLY DETECTION OF DYSLEXIA IN CHILDREN USING AIML

Project Reference No.: 48S_BE_1118

College : Jawaharlal Nehru New College of Engineering, Shivamogga

Branch : Artificial Intelligence and Machine Learning

Guide(s) : Dr. Ashwini J P

Student(s) : Ms. Himani M R, Ms. Priyanka Ashwath, Ms. Anusha P Kanale and Ms. Kshama Jois U S

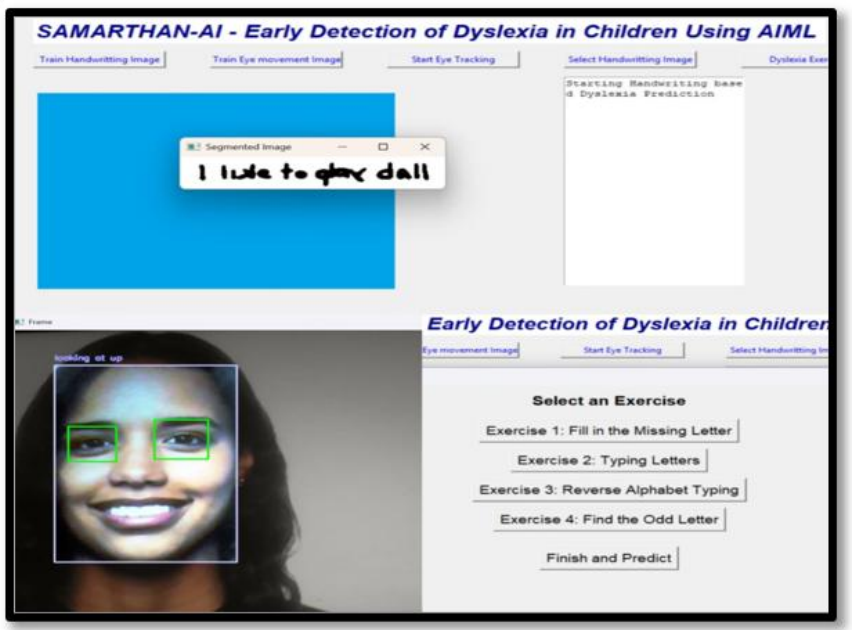
Introduction:

Dyslexia is a prevalent neurodevelopmental disorder that significantly affects an individual's ability to read, write, and process written or spoken language. This project focuses on the early prediction of dyslexia using a technological approach that integrates multiple data-driven techniques. The proposed system utilizes a combination of eye-tracking, handwriting analysis, and cognitive-behavioral exercises to detect early signs of dyslexia. It gathers input through interactive tasks that record user behavior such as click patterns, response accuracy, and average reaction time.

These behavioral indicators are supported by detailed eye movement data and handwriting characteristics to provide a comprehensive dataset. The collected information is then analyzed using machine learning algorithms to generate reliable predictions in a non-invasive and efficient manner. By leveraging artificial intelligence, the project addresses the limitations of traditional diagnosis methods, offering a modern, scalable, and user-friendly solution. The objective is to bridge the gap in early dyslexia screening by providing a tool that is accessible to educators, parents, and clinicians alike.

Objectives:

1. To design a system that integrates eye-tracking technology to identify potential dyslexia indicators through gaze patterns, fixation durations, and saccadic movements.
2. To analyze handwriting data to detect impairments by evaluating features such as stroke patterns, character alignment, and consistency.
3. To incorporate behavioral exercises, such as interactive games or tests, to measure response times, accuracy, and click patterns, assessing user cognitive and motor skills.
4. To implement advanced machine learning models for feature extraction and classification to ensure accurate and reliable dyslexia prediction.



Methodology:

- Data Collection: Eye-tracking data, handwriting samples, and exercise responses were collected through a custom user interface.
- Preprocessing: Collected data was cleaned, resized, and normalized for uniformity and accuracy.
- Feature Extraction: Key features such as gaze patterns, writing pressure, and click accuracy were extracted.
- Dataset Preparation: The features were organized, labeled, and split into training and testing datasets.
- Model Training: Machine learning models like CNN, MLP, and SVM were trained on respective feature sets.
- Prediction and Classification: Trained models classified users as dyslexic or non-dyslexic based on test scores.
- Result Display: The system displayed a detailed prediction report highlighting individual and combined results.

Result and Conclusion:

- **The eye-tracking module** accurately identified dyslexia indicators using gaze patterns and saccadic movement.
- **The handwriting analysis module** effectively classified dyslexic writing using MLP and SVM models.
- **The exercise module** predicted dyslexia based on click patterns, accuracy, and average response time.
- **Combined model outputs** showed high reliability and user-friendly interface for early dyslexia detection.
- The system is scalable, non-invasive, and suitable for educational and clinical implementation.

3. MACHINE LEARNING-INTEGRATED COMPUTATIONAL DRUG DISCOVERY FOR NOVEL MULTI-TARGET DRUGS AGAINST EMERGING VIRAL OUTBREAKS

Project Reference No.: 48S_BE_0464

College : Reva University, Bengaluru

Branch : Bioelectronics

Guide(s) : Dr. Raje Siddiraju Upendra and Dr. Karthik Rajendra

Student(s) : Mr. M S Upamanyu, Ms. Yashasvi V, Ms. Shalen Janet and Ms. Prerana M

Introduction:

The recent times have seen various viral outbreaks that have caused mass destruction and huge loss for humanity. Some of the most noticed outbreaks are the COVID-19 and mpox. The most recent development in these contagious viruses is the endemic

outbreak of mpox observed in certain regions of Central and West Africa. Hence, there is a need to design an effective pipeline for accurate disease diagnosis and further develop an effective drug against mpox disease.

Therefore, the present project delves into the prediction, detection and development of effective drug against the emerging mpox virus aided with AIML techniques. The present project intends to predict the mpox disease using computer vision integrated with algorithms like ResNet, EfficientNet, and Inception, etc. using image data as input for training and testing these algorithms. Further, develop a novel pipeline for the development of the drugs (copyright). Further the developed pipeline is implemented for finding an effective drug against mpox and further validated the lead drug candidate through in-vitro and in-vivo.

Objectives:

To create an intuitive GUI for the drug discovery pipeline, with target protein and ligand molecules as user inputs for streamlined analysis.

a. **Target Identification:** Utilize ML algorithms to analyse viral genome sequences and host-pathogen interactions to identify potential multi-target sites for drug intervention.
b. **Compound Screening:** Implement ML models for virtual screening of existing compound libraries to identify candidates that can bind to multiple targets associated with the viral lifecycle.
c. **Structure-Activity Relationship (SAR) Modeling:** Use ML to model the relationship between the chemical structure of compounds and their biological activity, helping to optimize lead compounds.

To understand the metabolic behaviours of the drug performing molecular dynamics studies

a. **Predictive Modelling:** Develop predictive models for the efficacy and toxicity of identified compounds using historical data and simulation techniques.
b. **Optimizing Drug Design:** Integrate ML-driven insights into drug design processes, facilitating the creation of novel compounds with enhanced pharmacological profiles.

Methodology

Early Prediction

- The study began by retrieving 770 skin lesion images from a publicly available Kaggle dataset, which were further classified into 04 groups i.e. Normal, monkeypox, measles, and chickenpox in order to ensure structured categorization for subsequent analysis.
- To overcome the limitation of a small dataset, the study later employed TensorFlow's Keras ImageDataGenerator (i.e. Data augmentation). By applying transformations such as rotations, shifts, zooms, flips, and shearing, the original dataset of 770 images was expanded to 5,000 images.

- Five distinct Computer Vision–Deep Learning (CV-DL) models along with three ensemble models (combinations of EfficientNet with ResNet, VGG-16, and Inception) was trained and tested using the training (80% data) and testing (20% data) datasets.
- The models were evaluated on different parameters like accuracy, precision, recall, and F1 score. Further, the best model was validated through the implementation of a 10-fold cross-validation [7].

Computational drug discovery

- Once the predictive model was completed, next step was to develop the drug through bioinformatics tools [8-9].
- ML techniques were used to filter out 114 molecules from a total database of 6000 ligands. Further these 114 molecules underwent molecular docking and 02 molecules among 114 molecules displayed better docking score than the standard drug molecule [10].
- The best molecule out of the 02 lead molecules was evaluated through molecular dynamics.
- The findings of the present study represented the potential of the EfficientNet model for real-world applications, including integration into the Internet of Medical Things (IoMT), and contribute significantly to public health surveillance and early mpox detection efforts.

Conclusion

The utilization of modern techniques like CV enabled with ML algorithms and ensembled models to predict mpox opens up new possibilities and avenues. The model trained on EfficientNet achieved the highest accuracy of 98.41% with a precision of 98.44%, a recall value of 98.41%, and an F1 score of 0.98. This promises for rapid and accurate mpox diagnosis, particularly in resource-limited settings. Furthermore, the novel GUI based drug discovery pipeline enables a faster and accurate drug discovery process. Using the process, the present study obtained 02 lead molecules of which the P22, PubChem ID 129016360 displayed the highest docking score of -10.652 kcal/mol.

4. BIOACTIVE PEPTIDES FROM SEAWEED: IDENTIFICATION, ISOLATION, AND THERAPEUTIC APPLICATION IN THE MANAGEMENT OF OBESITY AND DIABETES MELLITUS

Project Reference No.: 48S_MSC_0307

College : Dayananda Sagar University, Ramanagara

Branch : Biological Sciences

Guide(S) : Dr. Neha Deora and Dr. Blessy Baby Mathew

Student(S) : Mr. Bharath MB, Ms. Ashrita M, Ms. Vootukuri Shravani and Ms. Harshitha B P

Introduction:

Diabetes mellitus is a multifactorial disorder characterized by chronic hyperglycemia, caused by insufficient insulin production, insensitivity of target tissues to insulin, or both. It has become a global epidemic, with rising prevalence and increasing associated complications, posing an alarming public health concern worldwide(1). A major contributor to the growing prevalence of diabetes is the is the dramatic increase in obesity, which has been strongly linked to the onset and progression of Type 2 Diabetes Mellitus (T2DM). The initial approach to managing T2DM involves lifestyle modifications, dietary adjustments, and weight management. However, in patients who do not achieve sufficient glycaemic control through lifestyle changes alone, oral anti-diabetic agents are typically introduced to further control blood glucose levels and improve overall metabolic health. The major challenge with commercially available drugs is to maintain glucose homeostasis whilst preventing hypoglycaemia and associated complications (2).

Foods are considered valuable sources of bioactive compounds that can have potential impact on human health by reducing health risks, in addition to providing essential nutrients (3). Seaweed, is increasingly recognized as superfood due to its rich nutrition profile and wide range of health benefits. It is a rich source of protein and emerging as a promising natural source of bioactive compounds, particularly peptides, that exhibit various health benefits (4).

Undaria pinnatifida, also known as wakame, is a nutrient-rich brown seaweed widely used in traditional Japanese cuisine and increasingly appreciated globally for its versatility and nutritional benefits. It contains several beneficial components, such as minerals, vitamins, dietary fibre, polyphenols, and peptides. Its high content of fucoxanthin, a carotenoid, has been linked to fat-burning and anti-obesity effects (5). Further, wakame extract ameliorates high-fat diet induced glucose intolerance (6). However, studies on bioactive peptides derived from wakame and their potential effects on diabetes mellitus and obesity are limited. The aim of the present study is to isolate and identify bioactive peptides from commercially available wakame seaweed and evaluate their anti-diabetic and anti-obesity properties.

Objectives:

1. Extraction of crude proteins from Undaria pinnatifida
2. Enzymatic hydrolysis for identification and isolation of bioactive peptides from Undaria pinnatifida
3. In vitro evaluation of peptides against diabetes mellitus and obesity
4. Characterization of the bioactive peptides using RP-HPLC and Mass spectrometry

Project Outcomes:

The primary objective of this research work is identification of novel bioactive peptides from Undaria pinnatifida with potential anti-obesity and anti-diabetic properties. The

detailed structural and functional characterization of these peptides can help us to understand how these peptides exert their beneficial effects such as inhibiting enzymes like DPP-IV, α-amylase, and α-glucosidase. This work can lay the groundwork for developing new dietary supplements or drug candidates derived from seaweed peptides and help us promote the incorporation of seaweed-derived peptides into functional foods and encourage sustainable use of marine resources that could boost local economy through seaweed farming.

5. FORMULATION OF PROBIOTICS FROM RICE WASH FERMENTATION

Project Reference No.: 48S_MSC_0271

College : Maharani Lakshmi Ammanni College for Women, Autonomous, Bengaluru

Branch : Biotechnology

Guide(s) : Dr. Jolitha A B and Dr. Babitha B

Student(s) : Ms. S Afreen Banu, Ms. Rakshitha N and Ms. Sushma N

Introduction:

Probiotics are live microorganisms that, when administered in adequate amounts, confer health benefits to the host. Traditionally, probiotics have been derived from dairy products and fermented foods, but there is growing interest in alternative, non-dairy sources due to lactose intolerance and dietary preferences. Rice wash, a byproduct of rice rinsing, contains a diverse microbial population that could potentially serve as a novel source of probiotics. Rice fermentation is a traditional practice in many cultures, often resulting in the production of beneficial microorganisms such as lactic acid bacteria (LAB). These microorganisms are known for their gut health benefits, including enhancing digestion, modulating the immune system, and preventing pathogen colonization. However, the potential of rice wash fermentation as a probiotic source remains underexplored. This research aims to isolate, characterize, and evaluate probiotic microorganisms from fermented rice wash and develop a stable probiotic formulation. Additionally, the study will use Wistar rats as an animal model to investigate the efficacy and safety of the formulated probiotics, providing valuable insights into their potential applications in functional foods and therapeutics.

Objectives:

1. To isolate and identify potential probiotic microorganisms from fermented rice wash.
2. To formulate a probiotic preparation using the isolated microorganisms and evaluate its stability and viability under storage conditions.
3. To study the biochemical and microbiological properties of the probiotic formulation.
4. To assess the efficacy of the formulated probiotics in improving gut health and other physiological parameters using Wistar rats as an animal model.

5. To analyze the safety profile of the isolated probiotic strains by conducting toxicity and histopathological studies.

Methodology

Materials Required:

1. Rice (various varieties), sterile containers
2. Incubator (25–30°C), MRS agar and broth
3. Gram staining kit, catalase test reagents
4. 16S rRNA sequencing kit and PCR reagents
5. Centrifuge, freeze dryer, encapsulation materials
6. Acid and bile salt solutions
7. Pathogens: E. coli, Salmonella spp.
8. Intestinal epithelial cell lines, microplate reader
9. Wistar rats (6–8 weeks, 180–200 g), standard diet
10. Biochemical assay kits: SCFAs, LDH, ALP, lipid profile
11. Antioxidant enzyme assay kits (SOD, catalase)
12. Histopathology reagents, microscope

Experimental Steps:

1. **Isolation of Probiotics:**

   Collect rice wash and ferment at 25–30°C for 24–48 hours.
   Streak on MRS agar to isolate LAB.
   Perform Gram staining, catalase tests, and 16S rRNA sequencing.

2. **Formulation**:

   Grow isolates in optimized broth.
   Freeze-dry or encapsulate for stability testing under various storage conditions.

3. **In Vitro Characterization:**

   Test acid and bile tolerance.
   Assess antimicrobial activity against E. coli and Salmonella spp.
   Evaluate adhesion to intestinal cells.

4. **Animal Studies:**

Groups Rice type	Control group	Positive control group	Low dose group	High dose group
1. Raw rice	1R1	1R2	1R3	1R4
2. Ration rice	2R1	2R2	2R3	2R4
3. Boiled rice	3R1	3R2	3R3	3R4

5. **Biochemical Analysis:**

   Measure SCFAs using gas chromatography.
   Perform LDH and ALP assays in serum and tissues.
   Analyze lipid profile and antioxidant enzyme activity.

6. Safety Evaluation:

Conduct acute/sub-chronic toxicity studies.

Perform histopathological analysis of liver, kidney, and intestine.

Result and Conclusion:

The final result will be summarised after the completion of the study.

The current status includes

Preliminary studies conducted in our laboratory.

The study showed that all the three types of rice washes had lactobacillus sp.,

6. NOVEL APPROACHES TO ENHANCE THE EFFICIENCY OF WHITE LIGHT EMITTING DIODES (WLEDS)

Project Reference No.: 48S_MSC_0323

College : Davangere University, Davangere

Branch : Chemistry

Guide(s) : Prof. Nagaswarupa H.P.

Student(s) : Ms. Saniya Banu, Mr. Pavana H and Mr. Ramesha P B

Introduction:

White Light Emitting Diodes (WLEDs) have revolutionized the lighting industry with their high energy efficiency, long operational lifetime, compact size, and environmental benefits compared to traditional incandescent and fluorescent lighting technologies. As global demand for sustainable and energy-saving lighting solutions continues to grow, WLEDs are playing an increasingly vital role in residential, commercial, and industrial applications. Despite their widespread use, enhancing the efficiency of WLEDs remains a critical area of research. Challenges such as color rendering limitations, thermal management issues, and inefficiencies in light conversion processes still constrain their full potential. To address these limitations, researchers and engineers are actively exploring innovative strategies that can significantly improve the performance and overall efficiency of WLED systems.

Recent advances have focused on novel materials, such as perovskites, quantum dots, and organic phosphors, along with structural modifications like photonic crystals, nanostructured substrates, and advanced packaging techniques. Moreover, the integration of smart control systems and the optimization of driver circuits are also contributing to the development of next-generation high-efficiency WLEDs.

This project explores the latest developments and novel approaches aimed at enhancing the efficiency of WLEDs. It reviews emerging technologies, discusses their underlying principles, and evaluates their impact on performance metrics such as luminous efficacy, color quality, and thermal stability.

Objectives:

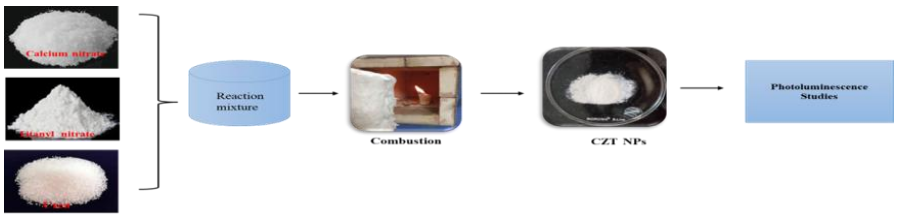
1. To design and develop of nano-hybrid titanate such as Calcium zinc titanate (CZT) doped with rare earth dysprosium aims to improve the efficiency of white

light-emitting diodes (WLEDs) and facilitate real-time data visualization via a novel platform.

2. This innovation combines Dy doped CZT with WLEDs, enhancing their efficiency and color quality in an unprecedented way. Unique features include improved photoluminescent properties, which offer higher brightness, better color accuracy, and dynamic responsiveness to environmental stimuli, making it ideal for smart lighting applications. This approach addresses both efficiency and security requirements, ensuring that WLEDs can meet modern demands across multiple applications.

Methodology:

The hybrid calcium zinc titanate doped with Dy was synthesized by solution combustion method using the calcium nitrate, titanyl nitrate, as an oxidizer and urea as a reducer, Further the developed nanoparticles were calcinated at the 9000 C we get CaZnTiO3 doped with Dy. further characterized by XRD, UV-DRS, SEM, EDAX and TEM for further studies. After the confirmation the developed hybrid titanates will be subjected for PL studies.



Result and Conclusion:

1. Novel Dy doped CZT will be synthesised by simple solution combustion method
2. The synthesised materials further confirmed by XRD, UV-DRS, SEM, EDAX and HR-TEM.
3. Further we have carried out for PL studies (WLEDs).
4. Based on the result obtained by various characterization technique patenting of novel material Dy doped CZT is in process (drafting filling of the synthesised material will be carried out)
5. It has been collaborated for the development of novel Dy doped CZT.

7. A SUSTAINABLE APPROACH TO REDUCE PLASTIC POLLUTION AND FLOATING DEBRIS IN RIVERS, CANALS AND OCEANS

Project Reference No.: 48S_BE_3079

College : P.E.S. College of Engineering, Mandya

Branch : Civil Engineering

Guide(S) : Prof. Madhusudhan M S

Student(S) : Ms. M Meghana, Ms. Nimisha M Gowda, Ms. Ramya H L and Mr. Suhas Nayak I S

Introduction:

Water is a very important resource, we use water for almost every activity like drinking, washing, cooking, cleaning, etc. This precious resource is largely getting wasted due to human carelessness and lack of planning and hence we are facing the scarcity of water. This project focuses on developing a sustainable system to reduce plastic pollution and floating debris in rivers and canals using eco-friendly materials like bamboo. The model integrates collection mechanisms to trap waste efficiently while allowing water to flow freely. By using renewable resources and low-cost technology, the project aims to provide an environmentally and economically viable solution for waterway cleanup. The system can be adapted for various water bodies, contributing to healthier aquatic ecosystems and reducing harm to marine life. This approach promotes long-term sustainability by encouraging community involvement and raising awareness about plastic waste management.

Objectives:

1. The project main objective is to remove the debris and to reduce the amount of pollution in the river and canals.
2. To conduct surveys to assess the type quantity and source of debris in the canal.
3. To develop smart floating barriers for the control of pollutants.
4. To prevent the downstream flow of debris into larger water bodies like rivers, oceans by intercepting within the flow reach.
5. To remove the collected debris in the waste collector and quantifying over a period of time.
6. To prepare a report on quantity of waste collected and report it to the concerned authorities.
7. To support the recycling initiatives and promote sustainability.

Methodology:

The river cleaning project employs a comprehensive methodology designed to tackle plastic pollution effectively. The first step is the identification of river sites, where specific locations along the river are selected based on pollution severity, environmental significance, and accessibility. This ensures that efforts are concentrated in areas where they can have the most impact. Once the site is identified, the next step is to understand the nature and distribution of these pollutants helps in designing targeted strategies for their removal. This step involves developing or selecting specialized tools. These could include floating barriers to trap surface plastics, to collect waste from the water, or even automated devices capable of operating continuously. Once the equipment is ready, it is implemented at the river site. Careful installation and strategic placement ensure that the equipment operates efficiently, capturing the maximum amount of plastic waste without harming aquatic life or disrupting the ecosystem. With the equipment in place, the process of collection of pollutants begins. Plastic waste and floating debris are gathered systematically, using automated systems, depending on the scale of pollution and the tools deployed. Regular monitoring and maintenance are conducted to ensure the equipment remains

functional and effective throughout the clean-up process. The final step involves the recycling of collected pollutants. All the gathered plastic waste is transported to recycling facilities, where it is processed and transformed into reusable materials. This step not only prevents the waste from returning to the environment but also promotes sustainability by contributing to a circular economy. Through this detailed and methodical approach, the project aims to restore the health of rivers and reduce the impact of plastic pollution on the environment.

Result and Conclusion:

In Conclusion, the bamboo-floating barrier offers a sustainable, cost-effective, and efficient solution for plastic waste removal in rivers. It operates without the need for electricity or fuel-powered mechanisms, which reduces operational costs and environmental impact. The use of bamboo, a renewable resource, ensures an environmentally friendly approach, minimizing reliance on synthetic materials and significantly reducing the carbon footprint. This innovation presents a promising method for tackling plastic pollution while promoting ecological sustainability.

8. DURABILITY AND PERFORMANCE OF LIME MORTAR USING KADUKKAI (Terminalia chebula)

Project Reference No.: 48S_BE_3055

College : Siddaganga Institute of Technology, Tumakuru

Branch : Civil Engineering

Guide : Dr. Nahushananda Chakravarthy H G

Student(s) : Ms. Manasa H G, Ms. Hema T H, Ms. Bhoomika Kiran and Mr. Sunil Singh

Introduction:

Lime, a traditional construction material, has been used for centuries due to its durability and versatility in various building applications. It is commonly produced by mixing lime with aggregates such as sand, gravel, or crushed stones, the incorporation of jaggery, a natural sweetener derived from sugarcane or palm sap, into lime cement offers a sustainable and eco-friendly alternative with enhanced properties.

1. Kadukkai also known as Haritaki, is sometimes used in traditional lime mortar due to its beneficial properties.
2. Kadukkai acts as a natural setting retarder, slowing down the setting time of lime mortar.
3. It helps prevent biological growth like algae fungi on walls, improving durability.
4. Lime mortar is one of the world's oldest construction materials. It has a long and rich history from all around the world and can be found in many of the world's most iconic buildings.

6500-4000 BCE The first mortars contained no lime and were found to mainly contain a mix of mud, clay or sand. These materials were used because of their low cost and general availability. The Ancient Egyptians used gypsum mortars as a lubricant so that the large stones used to build the pyramids could be dragged into place. 4000 BCE

The beginning of the use of the Egyptian mortar found that Limestone, when burnt and combined with water, produced a material that would harden with age. The first documented use of this was when the pyramids were plastered using a lime based plaster.150 BCE It is unclear when the Romans started to use lime mortar but by around 150BCE it was a common practice. The Romans developed a hydraulic setting lime mortar with the addition of volcanic ash which is a pozzolan.

150BCE Present Day Lime mortar continued to be used from the Roman Empire up until around the 19th century where it was surpassed in usage by portland cement mortars.

Objective:

To investigate the fresh and hardened properties of lime mortar using KADUKKAI (Teminalia chebula).

Conclusion:

1. **Visual Examination:** From this discussion we conclude that the lime is powdery form and soft. Hence, it belongs to class C and D so, it is used for white wash and repair works.
2. **Ball Test:** No signs of disintegration under water shows that lime is Class A.
3. **Hydrochloric Test**: In case of hydraulic lime, a good thick gel will be formed and below it some inert material will be deposited. If the gel is so thick, as not even to flow when the cylinder is turned upside down, the inference may be that the lime is of Class A.
4. **Workability Test:** The true slump is 7cm obtained. The slump reduced by 2cm.Hence, it is sufficient to use in construction field. This test results helps to adjust the mortar mix proportions to achieve the desired consistency for effective masonry work.
5. **Plasticity Test:** The lime is spreadable with ease without any gritty material and with soft strokes, then it has good plasticity.
6. **Carbonation Test:** Carbonation test result proves the adittion of fermented bio adittives has enhanced the carbonation process when compared with the conventional lime mortar. Hence, the carbonated lime mortar indicates that the material has properly set and gained the strength over time.
7. **Water Absorbtion Test:** The addition of additives to lime mortar significantly reduces its water absorption, enhancing its moisture resistance and durability over time. The values obtained satisfy the permissible limit that is 30-40 percentage.
8. **Compressive Test:** The addition of bio-additives significantly enhances the compressive strength of lime mortar at all curing durations. Mortar with additives showed consistent improvement compared to mortar without additives, demonstrating the effectiveness of additives in accelerating the carbonation process and improving the long-term.

9. TELEMETRY-DRIVEN HAZARDOUS GAS PREDICTION IN ATMOSPHERIC MONITORING

Project Reference No.: 48S_MCA_0058

College : R.V. College of Engineering, Bengaluru

Branch : Master of Computer Applications

Guide(s) : Dr. Divya T.L. and Dr. Andhe Dharani

Student(s) : Mr. Dheeraj S and Mr. Chandrashekar P G

Introduction:

This project is designed to contribute to global efforts in mitigating the adverse effects of air pollution by leveraging environmental sensor telemetry data for the real-time prediction of hazardous gas concentrations. In alignment with the United Nations Sustainable Development Goal (SDG) 3 on Good Health and Well-Being, and SDG 11 on Sustainable Cities and Communities, this initiative addresses the growing concerns of air quality degradation and its direct implications on public health and the environment.

The system integrates telemetry data capturing critical air pollutants, such as carbon monoxide (CO), sulfur dioxide (SO_2), nitrogen dioxide (NO_2), ozone (O_3), particulate matter $PM_{2.5}$, and PM_{10}. Using advanced machine learning models, including Random Forest, XGBoost, and an ensemble Voting Classifier, the project seeks to accurately classify and predict pollutant levels. These models, enhanced by ensemble learning techniques, are designed to improve prediction reliability, offering a robust tool for early warning and preventive action.

The project is in alignment with the World Health Organization (WHO) guidelines on air quality and aims to provide a data-driven framework for proactive environmental monitoring. This framework supports decision-makers and environmental agencies in managing air quality and mitigating risks associated with exposure to hazardous air pollutants.

Objectives:

1. To utilize advanced preprocessing techniques such as Box-Cox transformations, IQR-based outlier treatment, and Standard Scaler to normalize and prepare the dataset
2. To handle class imbalance using SMOTE and Cluster Centroids to improve model generalization, ensuring reliable predictions across both majority and minority classes
3. To build and evaluate Random Forest and XGBoost models, fine-tuned with GridSearchCV, and combined them in a soft-voting ensemble to enhance predictive performance
4. To optimize classification thresholds based on F1-score to balance precision and recall, thereby improving the model's ability to detect hazardous air quality levels

5. To deploy the trained ensemble model using Joblib, ensuring readiness for real-time prediction scenarios
6. To develop a mobile application for seamless and widespread user accessibility to the algorithm

Results & Conclusions:

- The machine learning pipeline successfully classified air quality into *Safe* or *Hazardous* based on real-world telemetry data from six pollutants (CO, SO_2, NO_2, O_3, $PM_{2.5}$, PM_{10}).



Figure: Successful Classification of Air Quality Level

- Data preprocessing significantly improved model performance by addressing skewness (via Box-Cox), handling missing values, and removing outliers using IQR.
- Feature engineering revealed that $PM_{2.5}$, PM_{10}, and NO_2 were the most influential pollutants in determining hazardous air quality conditions.
- Class imbalance was effectively addressed using SMOTE and Cluster Centroids, ensuring better representation of minority (hazardous) cases during training.
- Ensemble learning (Voting Classifier combining Random Forest and XGBoost) achieved 99.5% accuracy and a ROC-AUC score of 1.00.

10. PAWSCAN – AI-POWERED EARLY DETECTION OF SKIN DISEASES IN STRAY DOGS

Project Reference No.: 48S_BE_0626

College : Dayananda Sagar University, Ramanagara
Branch : Computer Science and Engineering
Guide : Prof. Sasikala N
Student(s) : Mr. Venkatesh P, Mr. Nandeesh P Math and Mr. Samarth S S and Ms. Sree Vibha G

Introduction:

India has a large population of stray dogs that often suffer from untreated skin diseases due to lack of early diagnosis and accessible care. Diseases like Mange, Hotspots, Mast Cell Tumors (MCT), and Ringworm are prevalent, causing severe discomfort and

health deterioration in animals. Many animal welfare Non-Government Organizations (NGOs) face challenges in identifying and managing such cases at scale. In this project, we address this issue using a deep learning-based system called PawScan. The solution aims to detect and classify four major types of skin conditions in stray dogs through image analysis. The system is designed to aid NGOs, veterinarians, and rescue volunteers in identifying infections at an early stage using a mobile or web-based interface. The project integrates image segmentation and classification with geolocation-based alert mechanisms, creating a comprehensive and scalable support tool for the stray dog ecosystem in urban India

Objectives:

1. To develop an AI-based system capable of detecting four common skin diseases in stray dogs: mange, MCT, hotspot, and ringworm.
2. To create a robust binary segmentation model that isolates infected skin regions.
3. To classify segmented regions accurately using lightweight CNNs suitable for mobile/web deployment.
4. To build a geolocation-enabled platform that alerts nearby NGOs/hospitals upon detection.
5. To provide a cost-effective and scalable tool for real-time animal health monitoring.

Methodology:

Images were collected from NGOs and rescue volunteers across South Bangalore, focusing on four specific skin diseases in stray dogs. During preprocessing, the images were resized to 256x256 pixels, normalized, and augmented using techniques such as flipping, zooming, rotation, and brightness adjustments. For segmentation, an EfficientNet-based model was implemented for binary segmentation of the affected skin areas, with EfficientNet as the encoder and transposed convolutional layers as the decoder. The segmented patches were then classified using a MobileNetV2-based model to identify the specific disease among the four targeted conditions. In the training setup, a combination of binary cross-entropy, focal loss, and dice loss (in respective ratios) was used for segmentation, while categorical cross-entropy was applied for classification. The models were trained using the Adam optimizer over multiple epochs. Evaluation of model performance was carried out using metrics such as accuracy, precision, recall, F1-score, dice coefficient, AUC, mean IoU, and confusion matrices. For deployment, a mobile application and server were developed using Flutter and Flask. The app enables users to upload images and receive disease predictions. Additionally, Flutter Maps integration with geolocation allows for locating nearby veterinary hospitals and clinics, while also sending geotagged alerts to nearby NGOs for immediate action.

Result and Conclusion:

In conclusion, the hybrid EfficientNetB0 model demonstrated strong performance, achieving a Dice coefficient of 0.66 and a mean IoU score of 0.42. The MobileNetV2

classifier attained a test accuracy of 60.61%, with a precision score of 0.59 and recall scores of 0.60 across all four disease classes. The system proved to be robust when tested on noisy, real-world images, reinforcing its practical applicability in field conditions. Visual validation further confirmed the reliability of both the segmented masks and classification outputs. Real-time predictions through the web and mobile interfaces were successfully tested using images from actual rescue scenarios. The integration of segmentation, classification, and geotagging within the system has shown significant utility in supporting and streamlining rescue workflows.

11. BLOOD GROUP DETECTION USING FINGERPRINT WITH IMAGE PROCESSING

Project Reference No.: 48S_BE_1973

College : Jain College Of Engineering and Technology, Hubli

Branch : Computer Science and Engineering

Guide(s) : Prof. Shilpa Hadimani

Student(s) : Mr. Sooraj Shivayogi Emmi, Mr. Abhinandan Shashikant Gaikwad, Ms. Anjum Dilawarsab Nadaf and Ms. Bhramarambika Joshi

Introduction

Blood group detection using fingerprint images is an innovative approach that leverages the unique patterns found in fingerprints to determine an individual's blood type. This method offers a non-invasive, rapid, and cost-effective alternative to traditional blood typing methods, which often require blood samples and laboratory testing.

The project explores the use of image processing techniques and machine learning algorithms to analyze fingerprint images and identify specific features that correlate with blood types. By extracting and analyzing these features, the system can accurately classify blood groups without the need for invasive procedures. This technology has significant potential for use in medical diagnostics, particularly in remote or resource limited areas where access to laboratory facilities may be limited. It can also be beneficial in emergency situations where quick blood group identification is crucial.

blood group identification is fundamental in healthcare, serving a vital role in transfusion medicine, organ transplantation, and trauma care. Conventional blood typing methods rely on laboratory-based testing, requiring blood samples and specific reagents, which may not be readily available in low-resource settings or emergency situations. Consequently, there is a growing interest in developing non-invasive, rapid blood group detection techniques that are accessible and do not rely on laboratory infrastructure.

Objectives

1. Develop a Non-Invasive Blood Group Detection System
2. Leverage Fingerprint Features

3. Implement Real-Time Detection
4. Use CNNs and Image Processing
5. Ensure Accessibility
6. Advance Medical Diagnostics

Methodology

1. Data Collection: Collect a diverse dataset of fingerprint images with corresponding blood group labels for supervised learning.
2. Data Preprocessing: Convert images to grayscale, resize to a standard size, and normalize pixel values for consistent input. Apply data augmentation (rotation, flipping, scaling) to enhance model robustness.
3. Model Design: Develop a CNN model with convolutional layers for feature extraction, maxpooling layers for dimensionality reduction, and fully connected layers for classification. Use ReLU activation for convolutional layers and softmax for output classification.
4. Real-Time Integration: Integrate the CNN model with a real-time fingerprint scanner to instantly capture and process fingerprint images for blood group prediction.
5. Model Evaluation: Evaluate model performance on a separate test set using accuracy, precision, recall, and F1-score. Perform k-fold cross-validation to ensure model generalizability.
6. Real-Time Performance Testing: Test the real-time performance of the system to ensure fast and accurate blood group results.
7. Final System Implementation: Integrate the trained CNN model and real-time fingerprint scanner into a portable, cost-effective device for use in resource-limited environments.

Project Outcome:

This project demonstrates the feasibility of non-invasive blood group detection using fingerprint analysis, offering a significant advancement in both biometrics and medical diagnostics. The practical implications are profound, providing a quick, portable, and cost-effective alternative to traditional blood typing methods, which are typically invasive and time-consuming. It has significant applications in emergency medical situations, allowing for immediate blood type identification during surgeries or accidents, where rapid action is crucial. Additionally, this system is highly beneficial for resource-limited settings, where access to traditional blood tests is limited, improving healthcare accessibility.

In real-world settings, it could be integrated into electronic health records (EHR), streamlining patient care and improving diagnostic efficiency. The technology also holds promise in personalized medicine, enabling tailored treatments based on rapid blood type identification. Furthermore, its use in forensics or disaster relief could accelerate victim identification and medical support in crisis situations. This project extends the use of biometrics beyond identification, offering a non-invasive diagnostic tool that can improve global healthcare delivery, especially in underserved areas.

12. SMART EDUCATION SYSTEM FOR UNDERPRIVILEGED CHILDREN

Project Reference No.: 48S_BE_1849

College : K.L.S. Gogte Institute of Technology, Udyambag, Belagaavi

Branch : Computer Science and Engineering

Guide(s) : Dr. Kuldeep Sambrekar

Student(s) : Mr. Kartik Jadhav, Mr. Atharva Parulkar, Mr. Kunal Dulbaji and Mr. Omkar Patil

Introduction:

The Smart Education System for Underprivileged Children is a socially-driven initiative designed to reduce the digital divide and provide equal learning opportunities for students from economically weaker backgrounds. Recognizing the gap in access to personalized education, this project introduces a web-based learning platform built using modern web and AI technologies. It personalizes learning paths using machine learning, making content adaptive to individual student performance. Engagement is boosted with gamified modules, while a chatbot supports instant resolution of queries. The system not only improves student interaction but also provides analytics for progress tracking and growth.

Objectives:

1. To design a smart education platform tailored for underprivileged children.
2. To ensure accessibility through online web learning platforms.
3. To implement adaptive learning methodologies using AI for personalized education.
4. To minimize the digital divide by leveraging cost-effective solutions.
5. To create a sustainable and scalable system that can be adopted in remote and low-income areas.

Methodology:

1. Web-Based Learning Platform: Develop a low-cost, mobile-friendly platform for education delivery.
2. AI-Powered Adaptive Learning: Integrate AI algorithms to personalize learning content based on student progress and abilities.
3. Gamified learning platform: Points-based system to make learning more fun and interactive.
4. Chatbot integration: A personalized chatbot for solving real time doubts.

   Tech Stack used:

   Frontend:

a. HTML5: For structuring templates.
b. CSS3: For styling.
c. Bootstrap: To make the UI responsive and visually appealing.

d. JavaScript: For interactive elements.
e. Django Templating Engine: To dynamically render HTML with backend data.

Backend:

a. Django Framework: For handling backend logic, routing, and template rendering.
b. Django REST Framework (DRF) (Optional): To build APIs for additional flexibility (e.g., if you plan to build a mobile app in the future).
c. Django Authentication: For user authentication and role-based access (e.g., students, admins, and teachers).

Machine Learning:

a. Scikit-learn: For building the recommendation system (K-Nearest Neighbours).
b. NumPy: For numerical computations in the recommendation model.
c. Pandas: For preprocessing student and course data.

Database:

a. PostgreSQL: For production. It's reliable and integrates well with Django ORM.
b. SQLite: For development.

General Workflow of the Platform:

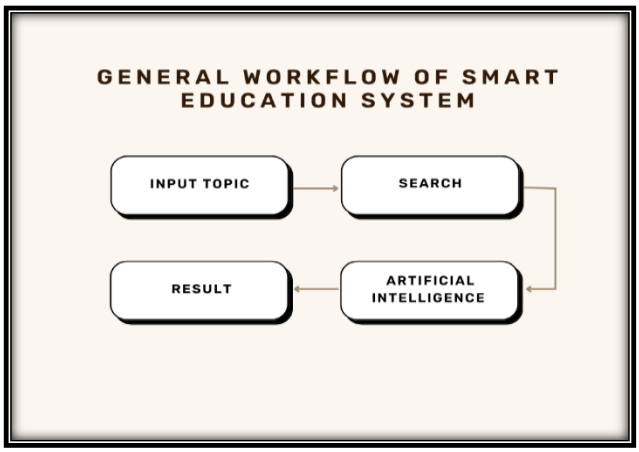


Figure: Workflow of the Platform

Result and Conclusion: The proposed model significantly enhances learning accessibility and student engagement for underprivileged children. It addresses their unique educational needs through a digital platform featuring interactive content, quizzes, and personalized learning tools. Key outcomes include improved comprehension via customized experiences, increased engagement with multimedia-rich resources, and better tracking of student progress through real-time feedback. The system's adaptability to different learning styles and its extensive knowledge base enables students to learn at their own pace. One of the major highlights is its cost-effectiveness, the platform offers competitive or superior features at a much lower cost than existing solutions, making it highly accessible for economically weaker sections. Overall, the project demonstrates strong potential in empowering underprivileged students with quality education and fostering academic growth.

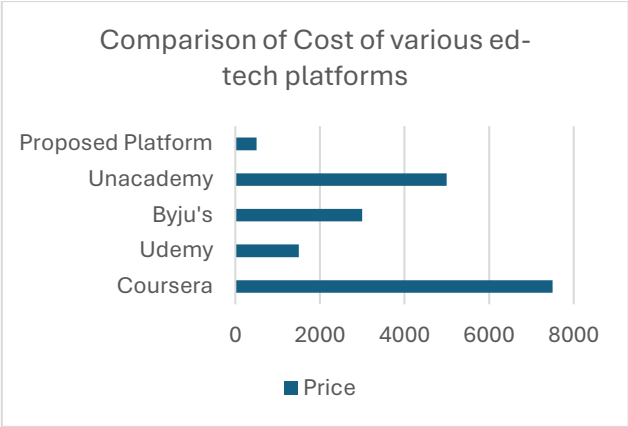


Figure: Cost Comparison

13. OPTIMISING AGRICULTURAL PRACTISES IN ARID AND SEMI-ARID REGIONS USING REMOTE SENSING AND MACHINE LEARNING

Project Reference No.: 48S_BE_0654

College : Reva University, Bengaluru

Branch : Computer Science and Engineering

Guide(s) : Dr. Laxmi B Rananavare

Student(s) : Mr. Saravana Kumar D C, Mr. Abhishek R Prasad, Mr. Ankush Hegde and Mr. Pavan B N

Introduction

Agriculture in arid and semi-arid regions presents unique challenges, such as limited water availability, degraded soil conditions, and unpredictable climatic patterns. Traditional farming techniques often fall short in addressing these issues effectively. To ensure sustainable productivity, it is essential to adopt data-driven, location-specific agricultural strategies. This project aims to leverage remote sensing and machine learning to optimize agricultural practices by analyzing satellite imagery, ground-truth data, and geospatial indicators. The system identifies aridity levels, estimates soil moisture, and suggests actionable recommendations for farmers. Through mobile and web-based tools, the project delivers real-time decision support, customized crop planning, and irrigation management. The integration of cutting-edge technologies into traditional farming practices aligns with sustainable development goals and addresses pressing issues in climate-resilient agriculture.

Objectives

1. To detect and classify aridity levels in agricultural regions using remote sensing data.
2. To estimate soil moisture content using satellite imagery and ground-truth validation.

3. To build machine learning models that generate data-driven agricultural recommendations.
4. To analyze land use and cropping patterns through geospatial classification techniques.
5. To develop a mobile and web application for providing real-time decision support to farmers.
6. To enhance sustainable agriculture through optimized crop planning and irrigation guidance.
7. To ensure system scalability and adaptability across varied agro-climatic zones.

Methodology

1. The project leverages multi-source satellite datasets—MODIS (LST, albedo), Landsat-8 (land cover), Sentinel-1 (SAR-based soil moisture), Sentinel-2 (NDVI, EVI), and WorldView-2 (high-resolution validation)—ingested through Google Earth Engine. Ground-truth data including gravimetric soil moisture and crop yield is collected from field sites, with meteorological data aiding temporal normalization.
2. All imagery undergoes preprocessing: atmospheric correction (Sen2Cor), geometric rectification, and cloud masking. Indices such as NDVI, SAVI, MSI, and NDSI are computed and harmonized over time for consistent spatiotemporal analysis.
3. Features including SAR backscatter, spectral vegetation indices, terrain metrics (slope, aspect), and DEM layers are extracted. These are input to automated ML pipelines comprising Random Forest, XGBoost, CNNs, and SVMs for supervised prediction, and K-Means and SOMs for unsupervised classification of aridity zones.
4. Processed outputs are stored in a PostgreSQL/PostGIS geodatabase. A Flutter-based mobile app, connected via RESTful APIs, provides real-time soil and crop insights. A temporal report generation server delivers periodic recommendations. The system is validated using RMSE, R^2, and cross-validation, ensuring reliability and scalability.

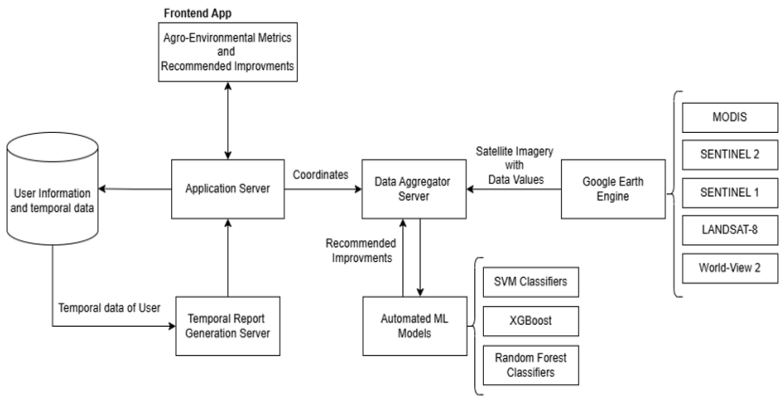


Figure: System architecture integrating satellite inputs, machine learning models, and user interface components.

Result and Conclusion

- The project demonstrates that remote sensing combined with machine learning can effectively analyze arid agricultural zones, estimate soil moisture, and support optimized farming decisions. Satellite datasets such as Sentinel-1 and Sentinel-2, when preprocessed and paired with ground-truth data, delivered high-accuracy predictions for soil moisture and vegetation health. Machine learning models like Random Forest and XGBoost achieved strong performance metrics, with low RMSE and high R^2 values.
- The developed mobile application successfully provides users with real-time insights on aridity levels, land use patterns, and irrigation needs. The system's decision-support capabilities were validated through pilot testing, proving its relevance in aiding farmers with critical information for planning and resource optimization.
- The classification of land use patterns through geospatial analysis was effective in identifying intercropping zones and fallow land, supporting better land management. These results reinforce the viability of AI-driven, satellite-based agriculture tools in resource-limited, climate-stressed environments.

14. EARLY PREDICTION OF TYPE 2 DIABETES MELLITUS IN YOUNG ADULTS USING LSTM

Project Reference No.: 48S_BE_5823

College : Reva University, Bengaluru

Branch : Electronics and Communication Engineering

Guide : Dr. Veena K N

Student(s) : Ms. Amrutha H M and Mr. Chandan M

Introduction:

Type 2 Diabetes Mellitus (T2DM) is becoming increasingly prevalent among young adults, often going undiagnosed until serious complications arise. The lack of early symptoms, combined with limited awareness and lifestyle-related factors, contributes to delayed detection and treatment. Traditional glucose monitoring methods—mainly blood-based tests—are invasive, uncomfortable, and discourage regular health tracking, especially among youth who may not recognize the risk.

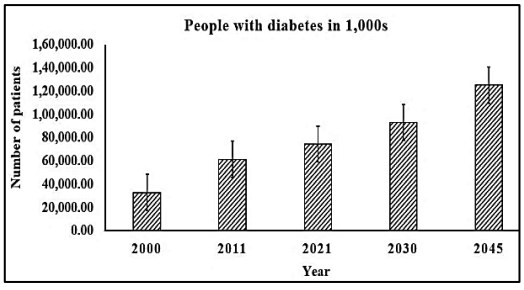


Figure: Diabetes statistics by IDF [3]

There is a growing demand for solutions that are non-invasive, easy to use, and capable of encouraging consistent health monitoring. With recent advancements in technology, the integration of Internet of Things (IoT) and Machine Learning (ML) has opened up new possibilities in the field of predictive and preventive healthcare. IoT-based sensors can collect real-time physiological and environmental data, while ML algorithms can process this data to identify hidden patterns, assess potential health risks, and deliver timely recommendations. Together, these technologies are enabling the development of smart, personalized, and accessible healthcare systems.

By integrating the insights from our LSTM prediction model and the IoT sensor system, this project aspires to offer a cost-effective and accessible solution for monitoring diabetes risk, laying the groundwork for the next phase of our research. The combination of breath analysis and machine learning will enable real-time, non-invasive prediction of diabetes, which can be used for proactive health management and early intervention.

Objectives

1. This project aims to address the rising incidence of Type 2 Diabetes Mellitus (T2DM) in young adults by developing a smart, non-invasive, and real-time monitoring system. The core problem identified is the limitation of conventional diagnostic tools, which often fail to detect early symptoms, leading to delayed diagnosis and increased risk of severe, long-term health complications.
2. The proposed solution involves a technology-based approach using a combination of IoT and machine learning. The system will use an IoT-based breath analysis prototype for painless glucose monitoring. This sensor data, along with other real-time environmental and physiological data, will be fed into a deep learning model, specifically an LSTM-based one, to accurately predict the risk of T2DM. This early prediction is intended to enable timely intervention and prevent serious health complications.

Conclusion

- The increasing prevalence of Type 2 Diabetes Mellitus (T2DM) among young adults necessitates innovative and accessible diagnostic solutions. Our study demonstrates the effectiveness of machine learning techniques, particularly deep learning models, in accurately predicting the early onset of T2DM. The integration of IoT sensors for non-invasive breath analysis provides a novel approach to health monitoring, with the potential to reduce dependence on traditional, invasive diagnostic methods.
- The proposed system has shown high accuracy in early prediction and consistent data collection through sensor-based monitoring. Though the initial prototype focuses on data acquisition without generating health recommendations, it lays the foundation for future development.

15. A PET-LIKE COMPANION FOR THE BLIND PEOPLE WITH INFORMATIVE CAPABILITIES

Project Reference No.: 48S_BE_3980

College : S.D.M. College of Engineering and Technology, Dharwad

Branch : Electronics and Communication Engineering

Guide : Mrs. Preeti S. Bellerimath

Student(s) : Mr. Satvik Ashok Hanchali, Mr. Prajwal Channappanavar, Mr. Karthik Narasinha Naik and Mr. Nilesh M Kadolkar

Introduction:

With advancements in robotics, assistive technologies are increasingly being developed to empower differently-abled individuals, especially those who are visually impaired. One of the critical challenges faced by blind individuals is navigating unfamiliar environments and accessing contextual information. To address this issue, our project proposes the development of “A Pet-like Companion for the Blind People with Informative Capabilities” — an intelligent, autonomous rover designed to serve as a companion, guide, and assistant for visually challenged users.

This robot is thoughtfully designed with a user-friendly and empathetic approach, closely mimicking the behaviour of a service pet while delivering the capabilities of a smart machine. It takes the form of a compact, six-wheeled rover built on a rocker-bogie suspension system, allowing it to smoothly glide over uneven surfaces and climb stairs without losing balance—ensuring the safety of its visually impaired user. The body is constructed from PVC pipes, to maintain stability.

At the front, there are two ultrasonic sensors that constantly scan the path ahead, intelligently detecting and avoiding obstacles like walls, furniture, or sudden drops. Mounted on the center-top is a camera module supported by two servo motors to rotate the camera, accompanied by a VC02 AI Thinker offline voice module equipped with a compact speaker and microphone enables the robot to process voice commands locally and respond with clear, audible feedback, enhancing its interactive and intelligent behaviour.

Throughout its movement, the robot maintains an awareness of its surroundings and communicates progress back to the user, saying phrases like, “Obstacle ahead, taking alternate route,” or “Approaching stairs, switching to climb mode.” Its friendly appearance, interactive nature, and precise movement allow users to feel a sense of trust and companionship, transforming it from a machine into a reliable, intelligent guide.

Objectives:

1. Obstacle Detection and Avoidance System
2. GSM controlled Rover Access
3. Voice Assistance User Interactive
4. Autonomous Navigation System
5. Renewable Energy-Powered Battery System

6. User controlled Imaging for Monitoring
7. Staircase Maneuverability
8. Autonomous Document Delivery System

Methodology

The development of the pet-like companion robot for visually impaired individuals involves a systematic approach integrating hardware design, sensor interfacing, to enable autonomous navigation. The methodology is divided into two main components: hardware implementation and software development.

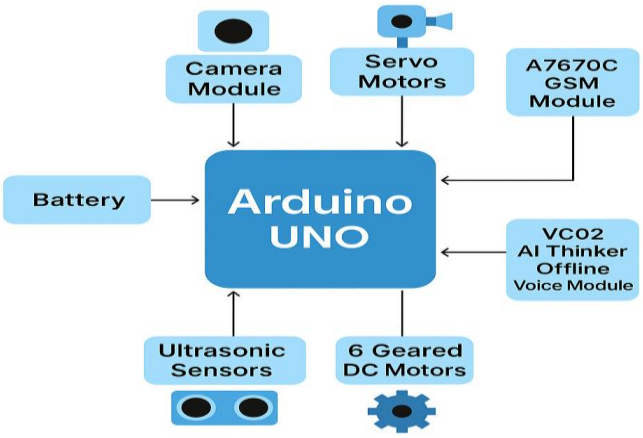


Figure: Block diagram of Rover

Result and Conclusion

1. The project successfully demonstrates the development of an autonomous, interactive rover designed to assist visually impaired individuals by combining intelligent navigation, communication, and sensory capabilities. Through systematic hardware and software integration, the rover was able to navigate indoor environment using direct path navigation algorithm, efficiently avoiding obstacles and climbing stairs using the rocker-bogie mechanism.
2. Key functionalities such as voice-command recognition, GSM-based access control, and object detection and avoidance were implemented and tested. The rover responded effectively to user instructions via Voice and SMS, confirming its interactive adaptability. The user-controlled imaging and monitoring system enabled to capture images by GSM message, which were successfully stored and shared with users or caretakers—providing valuable assistance in navigation and safety.
3. Testing through Arduino IDE simulation validated the logic of the algorithm, while hardware implementation confirmed mechanical stability and functional accuracy across various indoor scenarios.
4. In conclusion, the project illustrates the feasibility and relevance of building a pet-like robotic companion for blind users. It bridges the gap between human empathy and machine intelligence, offering an affordable, scalable, and efficient assistive technology.

16.SAFESTREETS: INTELLIGENT SYSTEM FOR TRAFFIC RULES AND PUBLIC SAFETY

Project Reference No.: 48S_BE_5461

College : Global Academy of Technology, Bengaluru

Branch : Information Science and Engineering

Guide(S) : Dr. Bhagyashri R Hanji and Dr. Nirmala H

Student(S) : Ms. Bhoomika K R, Mr. Chirag K, Mr. Deepak S Charantimath and Ms. Monisha M V

Introduction:

In today's rapidly urbanizing world, traffic congestion, rule violations, and increasing road accidents pose severe challenges to public safety and transportation management. Traditional traffic surveillance methods rely heavily on manual monitoring by law enforcement personnel, which often leads to delayed responses, limited coverage, and inconsistent enforcement of traffic rules. Additionally, growing urban populations have made it difficult for human-led systems to efficiently detect and manage suspicious activities or respond promptly to road accidents. These limitations emphasize the need for intelligent, automated solutions that can ensure both road safety and security in real time.

To address these issues, the integration of Artificial Intelligence (AI), Computer Vision, and Machine Learning offers transformative potential. AI-driven traffic systems can process large volumes of video data, recognize patterns, detect violations such as triple riding, riding without helmets, and no-parking offenses. Moreover, such systems can analyze behaviors to detect suspicious activities like tampering with vehicles or robbery, thus enhancing urban security.

This project proposes an AI-powered automated traffic violation, unusual activity recognition system and accident recognition system capable of real-time monitoring and response. It incorporates advanced algorithms like YOLO for object detection and OCR for license plate recognition. Upon detecting violations or incidents, the system can notify emergency services or law enforcement immediately, ensuring timely interventions. This solution not only reduces human dependency but also ensures consistent rule enforcement, faster accident responses, and increased public safety. It signifies a step forward in building smarter, safer cities aligned with the vision of intelligent transportation systems

Objectives:

1. Automate Detection of Traffic Violations: Use AI-driven image recognition to detect common traffic violations, such as signal jumping, illegal parking, triple riding, and riding without a helmet, with minimal human intervention.
2. Enhance Accuracy and Efficiency in Law Enforcement: Reduce the dependency on manual traffic monitoring, decreasing human error and enabling authorities to monitor larger areas more effectively.

3. Improve Emergency Response for Accidents: Automatically detect accidents and send immediate notifications to nearby hospitals and emergency responders to minimize response time and improve victim outcomes.
4. Enhance Public Safety through Suspicious Activity Detection: Identify suspicious behavior in sensitive areas, and notify law enforcement for timely intervention.
5. Promote Safer Road Behavior: By automating and increasing monitoring, encourage safer driving habits, ultimately reducing the rate of traffic violations and accidents.

Methodology:

1. Data Collection & Preprocessing: System utilizes camera feeds from urban areas to capture traffic data. Video data is preprocessed for accurate analysis, including frame extraction and cleaning.
2. Violation Detection: AI models (CNNs) are trained to identify violations like signal jumping, parking violations, and helmetless driving. Real-time frame processing enables immediate detection.
3. Accident Detection: Anomaly detection algorithms identify accidents based on sudden changes in vehicle behaviour. System triggers immediate alerts to emergency services.
4. Suspicious Activity Detection: Machine learning techniques analyze vehicle and pedestrian behaviour to detect suspicious activities like arrest, abuse, robbery, vandalism. Alerts are sent to law enforcement for investigation.
5. Testing & Deployment: Rigorous testing ensures system accuracy. The validated system is deployed in real-world scenarios to enhance traffic safety.

Result and Conclusion:

The implementation of the AI-based Traffic Violation and Suspicious Activity Recognition System successfully demonstrated the capability of integrating computer vision and deep learning for real-time traffic surveillance. Using the YOLO algorithm, the system accurately detected key traffic violations such as helmet-less riding, triple riding, and illegal parking in pre-recorded images and videos. In real-time applications, the system effectively identified suspicious activities such as robbery and arrest, issuing prompt alerts to designated law enforcement endpoints. It also showed promising results in detecting accidents based on abrupt vehicle movements and crash patterns, with immediate emergency notifications sent to responders. The alert system integrated with Telegram bots functioned seamlessly, ensuring instant message delivery for violations and emergencies. Photographic evidence of detections (see below) illustrate that the system performs well under controlled conditions. However, it also revealed areas for improvement, particularly in low-light environments and in crowded scenes where objects overlap.

17. FACE ANTI-SPOOFING USING BLOCK AVERAGE LOCAL BINARY PATTERN

Project Reference No.: 48S_BE_2749

College : Jawaharlal Nehru New College of Engineering, Shivamogga

Branch : Information Science and Engineering

Guide : Dr. Raghavendra R J

Student(s) : Ms. Akshatha J S, Ms. Ananya S, Ms. Nanditha A L and Ms. Nidhishritha B M

Introduction:

Face anti-spoofing is a critical technology in face recognition systems, designed to determine the authenticity of a detected face and prevent spoofing attacks.

Spoofing attacks involve an intruder attempting to gain unauthorized access by presenting a fake representation of a user's face, such as a photo or video. Early face recognition research focused on face matching, often overlooking the importance of verifying the liveness of the presented face. However, the vulnerability of face recognition systems to presentation attacks (PAs), including 2D printing and 3D masks, has become increasingly apparent. As human faces are widely used biometrics in AI systems, robust face anti-spoofing measures are essential.

Texture-based methods are a significant area of research in face anti-spoofing. These methods leverage the difference in texture between a real face and a spoofed image. Real faces possess more detailed appearance information, while spoofing attacks often suffer from information loss due to imperfect reproduction by spoofing media]. Researchers have explored various texture descriptors to capture these differences. For instance, Tan used the surface roughness of an attack image and a real face to detect attacks with printed photographs. Maatta explored micro-textures for spoofing detection using Local Binary Pattern (LBP). To address the limitations of LBP, such as its lack of global spatial information, researchers have proposed improved descriptors like LBP variance (LBPV) and Local Ternary Pattern (LTP)]. LTP, for example, is designed to be insensitive to illumination variations and preserves essential appearance details.

Objectives:

1. Collection of face anti-spoofing dataset.
2. To detect the face in given image using viola-jones face detector.
3. To develop a novel face anti-spoofing descriptor called Block Average Local Binary Pattern (BALBP).
4. To extract the features using BALBP descriptor.
5. To classify given test image as a real or spoof image.

Methodology:

The proposed system employs the following methodology to detect face spoofing, f depicts the architecture of proposed work:

- Image Acquisition and Pre-processing: Initially, an image or video is captured as input. Pre-processing techniques are then applied to enhance the quality of

this input. This involves normalizing lighting conditions, adjusting contrast, and correcting colours variations to ensure consistency across different inputs.

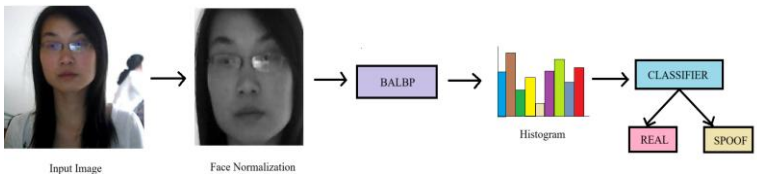


Figure: Architecture of proposed method

- Face Detection and Alignment: The Viola-Jones face detector is used to locate faces within the image. This robust and efficient algorithm identifies potential face regions. The detected faces are then aligned to a standard position and scale. This alignment is crucial for ensuring that subsequent feature extraction is consistent and accurate.
- Feature Extraction: This is a critical step where distinguishing characteristics between real and spoofed faces are identified and extracted. The system uses a novel descriptor called Block Average Local Binary Pattern (BALBP). The input image is divided into smaller, overlapping blocks. Within each block, Local Binary Pattern (LBP) codes are computed. These LBP codes capture the local texture patterns within each block. The LBP codes within each block are then averaged to produce a more robust representation. A histogram of these averaged LBP codes is then generated. This histogram represents the distribution of texture patterns across the face image. BALBP is designed to be robust to variations in lighting and noise, which are common in spoofing attempts.
- Classification: The extracted BALBP feature histogram is then fed into a classifier. Machine learning models, such as Support Vector Machines (SVM) or K-Nearest Neighbour (KNN), are trained on a dataset of real and spoofed faces. The classifier learns to recognize the subtle patterns in the BALBP histograms that differentiate between genuine and fake faces. The trained classifier then categorizes a given test image as either "Real" or "Spoof."

Result and Conclusion:

In conclusion, Evaluation of Block Average Local Binary Pattern (BALBP) method is done through a series of experiments. These experiments employ standard metrics, including precision, recall, F1-score, and Average Recognition Rate (ARR), to assess the system's ability to accurately classify real and spoofed faces. The evaluation is conducted on four publicly available and diverse face anti-spoofing datasets—NUAA, MSU-MFSD, Replay-Attack, and Replay-Mobile—ensuring a robust assessment across various conditions and spoofing attack types. The results demonstrate that BALBP achieves a higher recognition rate than both Local Binary Pattern (LBP) and Local Ternary Pattern (LTP) across these datasets, indicating its superior effectiveness in capturing the subtle texture differences between real and spoofed faces. In summary, the experimental results confirm that BALBP is a valuable advancement in face anti-spoofing, exhibiting improved performance compared to existing texture-based methods.

18. MITIGATING DATA CHALLENGES AND ANALYSIS OF NEURO IMAGES USING BRAIN TRACTOGRAPHY

Project Reference Number: 48S_BE_5299

College : Sri Siddhartha Institute of Technology, Tumakuru

Branch : Information Science and Engineering

Guide : Dr. H S Annapurna

Student(S) : Ms. Ayesha Siddiqa, Ms. Bhavani V, Ms. Chandana R and Ms. Charmie J Jain

Introduction:

The human brain, with its billions of neurons, relies on white matter pathways to facilitate communication between regions vital for cognition, motor control, sensory processing, and emotion. Traditional imaging like fMRI and MRI offers valuable insights but struggle to capture the complexity of these connections. Diffusion Tensor Imaging (DTI) overcomes this by tracking water molecule diffusion along axons, enabling 3D mapping of white matter through tractography. This technique reveals neural connectivity patterns and disruptions linked to disorders such as Alzheimer's, stroke, and brain injury. Tractography also supports studies on brain development, plasticity, and recovery. This project combines DTI with machine learning, visualization, and data tools to enhance tract mapping accuracy. It aims to overcome current tractography limitations and generate clinically relevant insights. By advancing understanding of brain connectivity, the project supports both neuroscience research and diagnostic innovation.

Objective:

1. Visualize and analyze white matter pathways using DTI data.
2. Map neural connections to understand brain connectivity.
3. Detect abnormalities in white matter to assess neural health.
4. Aid early diagnosis of diseases like Alzheimer's, Stroke, and TBI.
5. Support personalized treatment planning in neuroscience.
6. Advance research on brain structure, function, and connectivity.
7. Integrate neuroimaging, machine learning, and visualization tools.

Methodology:

- The methodology for brain tractography using the Stanford HARDI dataset involves several key steps. First, the dataset is fetched, and the diffusion-weighted imaging (DWI) data is loaded along with its corresponding affine transformation matrices, which are essential for aligning the data in a common spatial reference. The data is then organized and preprocessed for tensor modeling. A diffusion tensor model is fitted to estimate the directional diffusion of water molecules in each voxel, which helps reveal the structure of white matter. Fractional Anisotropy (FA) values are computed to quantify the degree of anisotropic diffusion, and FA maps are generated to visualize areas with highly organized fiber structures.

- Next, a threshold (e.g., FA > 0.2) is applied to the FA map to exclude regions with low anisotropy, which are less reliable for tracking. Seed points are generated within the high-FA regions to serve as starting locations for fiber tracking. Using these seeds, local tractography is performed by following the principal diffusion directions to reconstruct white matter streamlines. These streamlines represent fiber pathways in the brain. Finally, the streamlines are rendered in a 3D visualization tool, allowing researchers to explore and analyze the brain's structural connectivity and identify potential abnormalities.

Results and conclusion:

The brain tractography project marks a significant advancement in neuroscience by offering powerful tools to visualize and analyze white matter pathways using DTI and computational techniques. It bridges research and clinical practice, enabling accurate mapping of brain connectivity. Tractography revolutionizes neuroimaging by providing detailed insights into structural networks. It aids in early diagnosis and monitoring of neurological disorders like Alzheimer's, MS, and TBI. The system supports personalized medicine through patient-specific analysis and treatment planning. By integrating machine learning and advanced visualization, the project boosts innovation in neuroimaging research. It enhances the accuracy and efficiency of brain analysis workflows. The tool improves understanding of brain function and structural changes over time. Clinically, it empowers better decision-making for neurologists. Overall, it contributes to improved outcomes and quality of life for patients with brain disorders.

19. AN EMPIRICAL STUDY ON CONSTRAINTS AND SUGGESTIONS EXPRESSED BY THE BENEFICIARIES & NON-BENEFICIARIES OF KRISHI BHAGYA SCHEME IN KOLAR DISTRICT

Project Reference No.: 48S_MBA_0177

College : Sai Vidya Institute of Technology, Bengaluru

Branch : Department of Management Studies

Guide(S) : Dr. Naveen G and Prof. Udaya S

Student(S) : Mr. Pavan Kumar T, Ms. Aishwarya Kamath, Ms.Parinitha N and Ms. Bhavana H

Introduction:

Seventy percent of Karnataka's land area is used for rainfed agriculture. Rainfall is lacking in five out of ten agroclimatic zones by 450 to 850 mm. Lack of timely irrigation is another factor contributing to the daily decline in agricultural productivity. Karnataka's holdings of agricultural land have shrunk from 2.56 hectares to 1.55 hectares. Due to bore well failure, small and marginal farmers are becoming indebted. The Karnataka government has developed the Krishi Bhagya project to address the issue of irrigation water. The program encourages the use of micro irrigation techniques like drip and sprinkler irrigation, which not only conserves water but also guarantees that it is used efficiently in agriculture. It also focuses on building farm ponds as an efficient way to

use rainwater, increase irrigation water availability, and reduce reliance on erratic monsoons. Lastly, by providing a reliable supply of water and encouraging modern farming methods, the initiative seeks to raise crop output. The Krishi Bhagya initiative primarily assists farmers in obtaining financial aid and subsidies for bore well excavation, agricultural pond development, installing rainwater collection structures and drip and sprinkler irrigation systems. The program promotes community participation in irrigation and water conservation project planning and execution. It encourages farmers to work together, which helps everyone.

Objectives

1. To Analyse the Utilization of Farm Pond and its Impact on Productivity of beneficiaries & non beneficiaries under Krishi Bhagya Scheme in Kolar District.
2. To evaluate the implementation of the scheme primarily focuses on securing the farmer’s income by taking up on-farm rainwater conservation practice.
3. To study the constraints faced by the Krishi Bhagya Scheme beneficiaries and seek their suggestions to overcome them in Kolar District.
4. To adopt modern technologies at a subsidized price to farmers for efficient use of water.

Methodology

Kolar district was specifically selected for the study due to its diverse farming conditions and reputation as a forward-thinking district with a rapid adoption of cutting-edge technologies. Through pre-structured examinations and a carefully thought-out schedule, both primary and secondary data were gathered in order to assess the study's varied objectives. Each of Kolar district's five taluks were selected for the study. From each of the taluk, two villages were selected randomly. Thus, 10 villages from five taluks were considered for the study.

Results & Conclusions

According to the study's findings, the majority of recipients had issues with the lengthy processing times, intricacy, and delays in subsidy approval when receiving benefits under the Krishi Bhagya scheme. Therefore, in order to approve the beneficiaries and expedite the implementation process, the government must establish a district-level committee. Similarly, the Krishna Bhagya plan recipients in the research region recommended raising the subsidy percentage and releasing the subsidy amount on time to support small and medium-sized businesses. Increased visits from agricultural extension workers and investments in the dissemination of agricultural knowledge to farmers regarding issues in the production of horticultural and agricultural crops are crucial for improving the scheme's performance and raising overall agricultural production. Farmers can also build farm ponds and poly houses, which will increase the land's productive capacity and improve the farming community's standard of living.

20. MULTI-PURPOSE BIODEGRADABLE CONTAINERS: UTILIZING AGRICULTURAL BY-PRODUCTS FOR ECO-FRIENDLY FOOD PACKAGING AND NURSERY PLANTING SOLUTIONS

Project Reference No.: 48S_MBA_0074

College : Vidyavardhaka College of Engineering, Mysuru

Branch : Department of Management Studies

Guide (S) : Mr. Jai Ganesh M N and Dr. Aashish C I

Student (S) : Mr. Dhanush T R, Ms. Monika C, Mr. Nagadarshan G S and Ms. Pallavi A G

Introduction:

The global reliance on single-use plastic packaging has led to severe environmental consequences, including land and marine pollution, microplastic contamination, and resource depletion. Despite increasing awareness and regulatory measures, industries still struggle to find cost-effective, scalable, and sustainable alternatives. In this context, biodegradable containers made from agricultural by-products emerge as an innovative solution that not only addresses plastic pollution but also enhances the value of agricultural waste.

India generates millions of tons of agricultural waste annually, much of which remains underutilized or discarded. Materials like rice bran, sugarcane bagasse, and coconut shells, which are rich in fibre and natural binding properties, present a viable alternative for developing biodegradable, compostable containers. By leveraging these abundant resources, this project aims to create an eco-friendly, multipurpose container that can be used for both food packaging and nursery planting.

Previous research and industry efforts have explored biodegradable materials such as cornstarch-based plastics and moulded pulp products, but they often suffer from high production costs, limited moisture resistance, or mechanical weakness. This project seeks to overcome these limitations by formulating a novel composite material using locally available agricultural waste. The end product will be durable, compostable, and suitable for mass production, offering a scalable, cost-effective alternative to single-use plastics.

By integrating sustainability with functionality, this initiative aligns with global environmental goals while fostering rural livelihoods through waste-to-value solutions. The success of this project could pave the way for widespread adoption of biodegradable packaging, reduce plastic dependency, and support a circular economy.

Objectives:

1. To design and manufacture biodegradable containers using agricultural waste such as rice bran, bagasse, and coconut shells.
2. To create an environmentally friendly alternative to single-use plastic containers for food and nursery applications.

3. To develop a durable, moisture-resistant, and food-safe composition for practical use.
4. To reduce agricultural waste by transforming it into value-added products.
5. To evaluate the biodegradability, strength, and market feasibility of the developed containers.
6. To contribute to sustainability by supporting local economies and reducing plastic pollution.

Methodology:

The project follows a structured methodology involving material selection, processing, formulation, molding, testing, and evaluation.

1. Material Sourcing: Raw materials (rice bran, bagasse, coconut shells) are collected from local mills and processing units to minimize costs and promote local supply chains.
2. Drying & Grinding: Materials are dried at 40-50°C to remove moisture and then ground into fine powders for uniform consistency.
3. Binder Preparation: A starch-based binder (corn, cassava, or potato starch) is heated to 85-90°C to form a viscous gel, with optional additives (natural resins, calcium carbonate) incorporated for durability.
4. Mixing: The agricultural waste powders are mixed with the binder in a 70:30 ratio to form a slurry.
5. Molding & Pressing: The slurry is poured into molds and subjected to hydraulic pressing (120-140°C, 50-80 MPa, 3-5 minutes) to form the containers.
6. Curing & Coating: Containers are cured at 60°C for 24 hours. Edible wax coatings may be applied for food packaging containers.
7. Quality Testing:
    a. Mechanical Strength: Ensuring durability under real-world conditions.
    b. Water Resistance: Assessing moisture resistance, crucial for food packaging.
    c. Biodegradability: Testing decomposition within 60-90 days in composting environments.
    d. Food Safety: Certification for food-grade safety compliance.
    e. Agricultural Testing: Evaluating nutrient release for plant growth in nursery pots.

Results and Conclusions:

The project aims to create fully biodegradable containers that serve as a viable alternative to plastic. Initial findings indicate that rice bran, bagasse, and coconut shells can be effectively combined to produce durable, compostable containers. Testing will validate their strength, moisture resistance, and biodegradability. Early trials show promising results for food packaging and nursery planting applications.

This innovation has significant environmental and economic benefits, promoting circular economy practices and reducing plastic dependency.

21.BIO-INSPIRED HONEYCOMB STRUCTURE

Project Reference No.: 48S_BE_5275

College : Dayananda Sagar College of Engineering, Bengaluru

Branch : Aeronautical Engineering

Guide : Dr. Manu Hegde

Student(S) : Mr. Puneeth S, Mr. Darshan S, Mr. Farhan Minhaj Kasim and Mr. M Satya Sai Srinivas

Introduction:

Honeycomb structures are known for their excellent strength-to-weight ratio and energy absorption capabilities, making them valuable in aerospace, automotive, and defense industries. Traditionally, honeycomb cores use hexagonal patterns for structural efficiency. However, recent bio-inspired studies reveal that nature's designs such as the trabeculae structures found in beetle exoskeletons offer superior mechanical properties like multi-directional stress handling and enhanced energy absorption.



Figure: Natural hexagonal honeycomb structure by bees.

This project explores the potential of a trabeculae honeycomb structure, inspired by the A. dichotoma beetle, comparing it against conventional honeycomb cores. The structures were modeled in CAD, fabricated using 3D printing with PLA material, and tested through Finite Element Analysis (FEA) and Universal Testing Machine (UTM) experiments. The objective is to evaluate the mechanical efficiency of the bio-inspired structure and assess its applicability for future aerospace components.

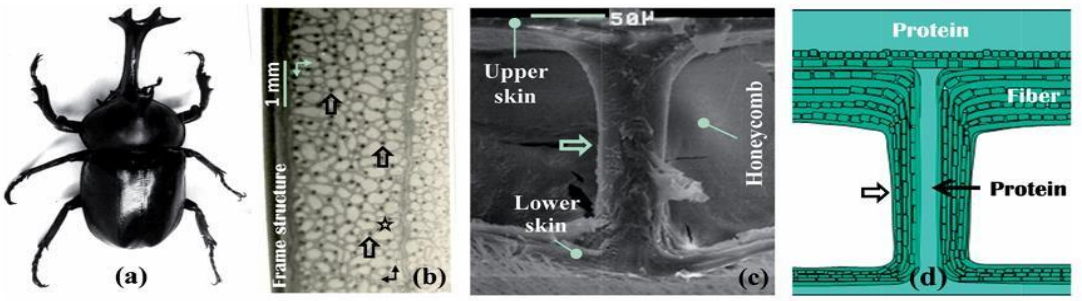


Figure: Beetle and microstructure. (a) Adult Allomyrina dichotoma (A.dichotoma) beetle. (b) Topview, location distribution of trabeculae in the fresh elytron of A. dichotoma. The region is between the two right-angled arrows. (c) Cross-sectional view, trabecular shape in the elytron of an adult A. dichotoma beetle. (d) Cross-sectional view, simple model of a trabecula. Trabeculae are indicated by the broad arrows; honeycomb walls are indicated by a star.

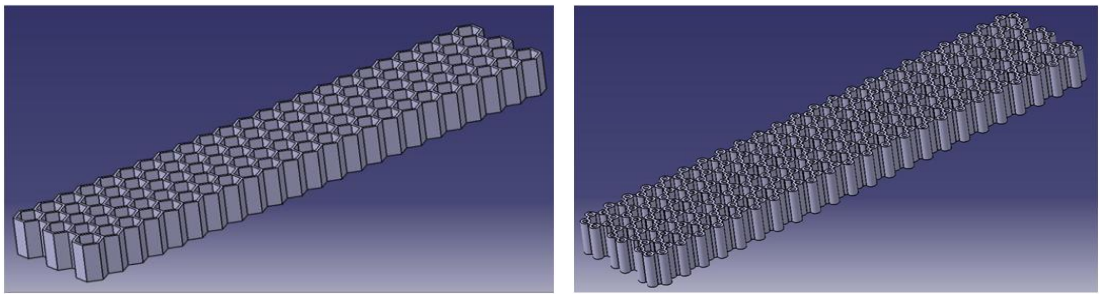
Objectives:

1. To design and analyze existing conventional honeycomb structures.
2. To develop a bio-inspired trabeculae honeycomb model mimicking beetle skeletal structure.
3. To compare mechanical performance parameters like energy absorption and stress distribution via simulation and experimental validation.
4. To assess the real-world applicability of bio-inspired structures in aerospace environments.

Methodology:

The project methodology is structured into five stages to evaluate honeycomb structures comprehensively:

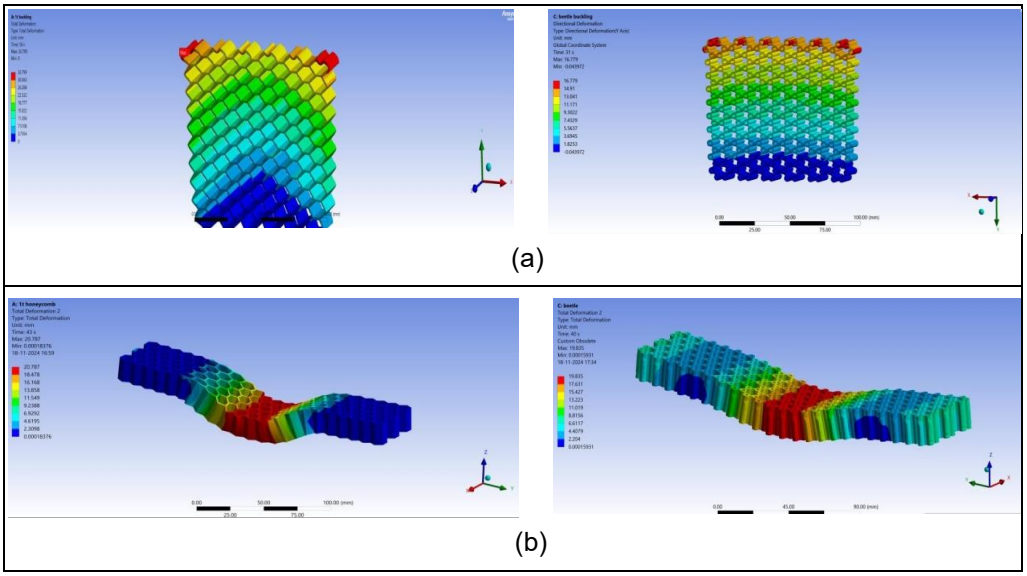
1. CAD Modelling: Both conventional and bio-inspired honeycombs were modelled using Catia with precise dimensions.



(a) (b)

Figure: CAD model of (a) conventional honeycomb, (b) bio-inspired honeycomb structure

2. FEA Analysis: ANSYS was employed to simulate compression, bending, and buckling tests, analyzing parameters like stress distribution, deformation, and strain energy.



(a)

(b)

Figure: FEA simulation results illustrating deformation behavior in conventional and trabeculae-inspired honeycomb structures under compressive and bending loads. (a) Compressive load distribution in conventional and bio-inspired honeycomb structures, (b) Bending load-induced deformation in conventional and bio-inspired honeycomb structures.

3. 3D Printing: Prototypes were fabricated using PLA material via 3D printing for accurate physical representation.
4. Experimental Testing: UTM was used for compression, bending, and buckling tests on prototypes.



Figure: Experimental setup for mechanical testing of 3D-printed honeycomb structures under (a) compressive load and (b) three-point bending load using a Universal Testing Machine (UTM).

5. Comparative Analysis: Results from FEA and experiments were compared for load-bearing capacity, deformation behavior, and energy absorption. Metrics such as stress distribution and strain energy were evaluated to confirm performance improvements in the bio-inspired design.

Result and Conclusion:

In conclusion, The bio-inspired trabeculae honeycomb outperformed the conventional hexagonal design in both simulations and physical tests. The trabeculae model showed:

- Higher stress resistance and energy absorption capacity.
- Improved deformation control under compressive, bending, and buckling loads.

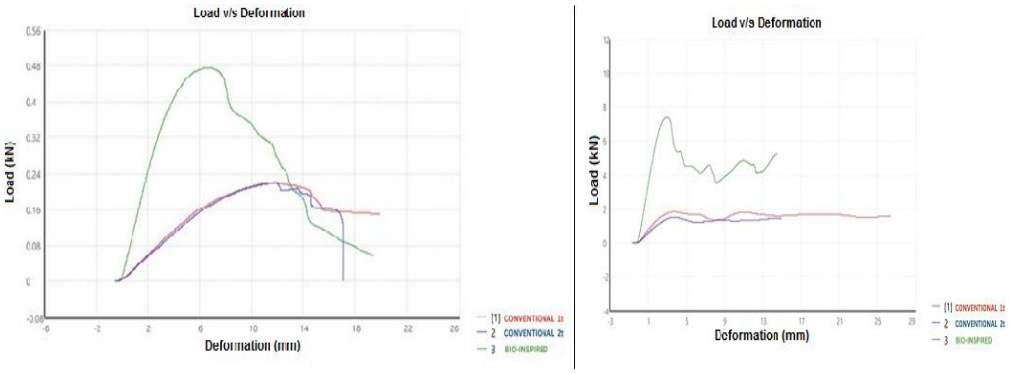


Figure: Experimental Load vs. Deformation curves for conventional and bio-inspired honeycomb structures under (a) Compressive, (b) Buckling.

- The trabeculae-inspired honeycomb structure showed uniform stress distribution, delayed buckling, and higher load absorption with lower deformation, confirming its suitability for aerospace structural applications.

22. DEVELOPMENT OF CORN HUSK CUP MAKING MACHINE

Project Reference No.: 48S_BE_2643

College : ALVA'S Institute of Engineering and Technology, Moodbidri

Branch : Agricultural Engineering

Guide : Dr. K. V Suresh

Student(s) : Mr. Chandan B M, Ms. K A Preksha, Mr. Sawan Shetty and Mr. Usama Mehabobsab Koppal

Introduction:

Corn (Zea mays), a globally significant cereal crop, plays a crucial role in India's agricultural economy, with production expected to reach 37 million metric tons in 2024-25. Despite its importance, maize processing generates vast amounts of corn husks, which are often discarded or burned, causing environmental pollution. Meanwhile, the extensive use of plastic and paper cups has led to ecological concerns, including non-biodegradability, deforestation, and carbon emissions. To address these challenges, this project proposes the development of a Corn Husk Cup Making Machine, which utilizes pneumatic and thermal processing technologies to mold corn husks into biodegradable cups. This innovation offers a sustainable alternative to plastic and chemically processed paper cups while promoting waste management and green manufacturing. The project aligns with circular economy principles, reducing reliance on non-renewable materials and minimizing environmental impact. Additionally, it fosters economic empowerment by creating new revenue streams for rural communities through the utilization of agricultural waste. The machine's scalability makes it suitable for widespread adoption, particularly in maize-producing regions like Karnataka, where high productivity rates enhance feasibility. By transforming waste into eco-friendly products, this project provides a cost-effective and impactful solution to global pollution and deforestation concerns.

Objectives:

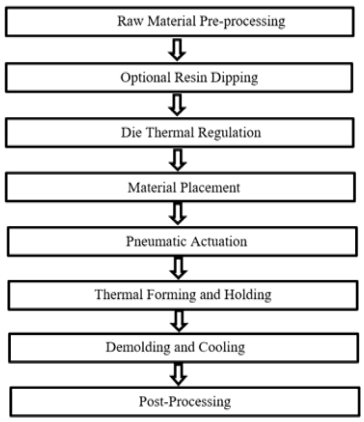
1. To Develop of corn husk Bowl making machine.
2. To evaluate the performance of corn husk Bowl making machine.
3. To study the cost economics of corn husk bowl making machine.

Methodology:

- The project focuses on transforming corn husk waste into biodegradable cups using structured processing and fabrication methods. The entire process is designed to be environmentally friendly and cost-effective.
- The raw material preprocessing method includes cleaning, drying corn husks. Cleaning is done using air or water to remove dirt and dust. Drying is performed under sunlight to reduce moisture content. An optional resin coating method is used for waterproofing and enhancing the mechanical strength of the cups. In this step, husks are dipped into a biodegradable resin, such as (Sugarcane juice, castor oil), and allowed to drain before moving to the molding phase. (if

needed). Die heating is employed to heat the aluminum or stainless-steel dies to a specific range of 70°C–85°C. The temperature is regulated using resistance heating coils and a dimmer circuit to ensure consistency and prevent fibre degradation. Material placement involves positioning the pre-treated husk centrally on the lower die to ensure uniform pressure during compression. Proper alignment minimizes waste and improves cup quality. Pneumatic actuation is the technique used for forming the cups. A pneumatic cylinder powered by compressed air applies uniform pressure to press the husk into the die cavity. The thermal forming and holding method keep the husk under heat and pressure for 30–40 seconds. This ensures the husk conforms to the mold and gains structural integrity.

- After molding, demolding and cooling is performed. The upper die retracts, and the cup is cooled using open air to prevent deformation. In the post-processing stage, rough edges are manually trimmed, and final drying is done to eliminate any residual moisture, increasing the product's shelf life.
- The techniques used in this project include air cleaning, resin dipping, resistance heating, temperature control via dimmer circuit, pneumatic pressing, manual trimming.
- The materials used include corn husks as the primary raw material and biodegradable resin for optional coating. Structural components include C-channel frame tubes, GI square steel tubes, MS flat plates, and plain sheets. Forming parts consist of Stainless-steel dies, pneumatic cylinders, DCVs, pneumatic pipes, and bushes. Electrical elements like heating coils, dimmer circuits, wiring, and other electronic components regulate temperature and control. Assembly is completed using various fittings and fasteners for strength and stability.



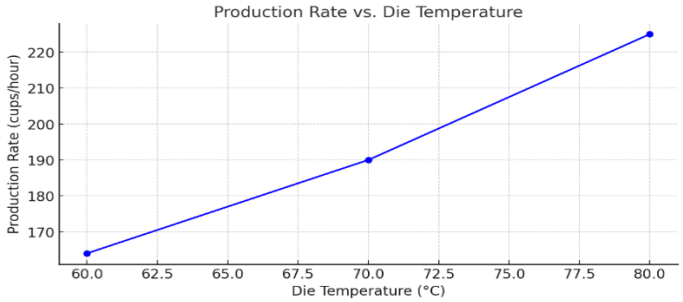
Result and Conclusion:

Analysis of Production Parameters

The graphs presented provide insights into how independent parameters such as die temperature, pneumatic pressure, and cycle time influence the production rate of the corn husk cup-making machine. These findings help optimize the machine's performance and efficiency.

- Production Rate vs. Die Temperature

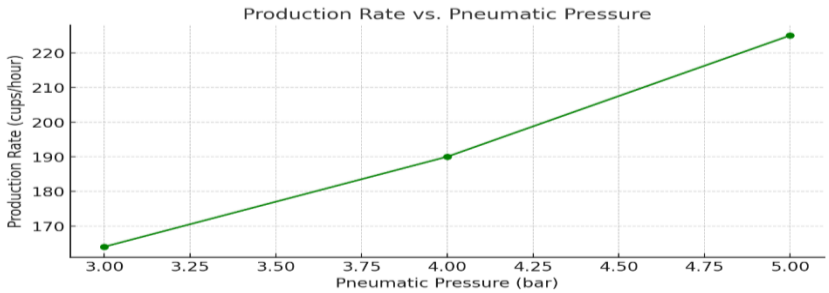
The cycle time is reduced, leading to an increase in production rate, At 80°C, the production rate reaches its maximum of 225 cups/hour, compared to 164 cups/hour at 60°C.



Graph 1. Production rate v/s Die Temperature

- Production Rate vs. Pneumatic Pressure

Higher pneumatic pressure ensures a more effective molding process by applying sufficient force to shape the cups quickly., At 5 bar, the production rate reaches 225 cups/hour, while at 3 bar, it remains at 164 cups/hour.



Graph 1.2 Production rate v/s Pneumatic pressure

Machine Performance: The machine molds corn husks into biodegradable cups in 25 seconds per cup under optimal conditions (80°C, 3 bar pressure), achieving a production rate of 114 cups per hour. Quality assessments show uniform shape, structural integrity, and durability suitable for practical use.

Material Utilization: Each cup uses 4 husks, costing ₹0.20 per unit. Treated husks offer improved strength and water resistance, ensuring reliable performance.

Cost Efficiency: The production cost per cup is ₹0.59, with a selling price of ₹1.00, resulting in a profit margin of ₹0.41 per cup, making the process economically viable.

Efficiency: The machine operates with 90.27% efficiency, producing 90 defect-free cups out of every 100, demonstrating strong operational performance.

In conclusion, the Corn Husk Cup Making Machine offers a sustainable, eco-friendly solution to replace plastic and paper cups. Utilizing agricultural waste like corn husks, it transforms them into biodegradable cups using pneumatic and thermal systems. The machine operates efficiently with heated dies (70–85°C) and forms cups within 30–40 seconds. With a low fabrication cost of ₹25,550, it supports small-scale industries and promotes rural entrepreneurship.

23. AID FOR THE VISUALLY IMPAIRED USING AI

Project Reference No.: 48S_BE_6464

College : R.N.S. Institute of Technology, Bengaluru
Branch : Artificial Intelligence and Machine Learning
Guide(s) : Prof. Manjuprakash Rama Rao
Student(s) : Mr. Nikhil Shreyas S K, Mr. Koushik S Jain, Mr. K P Gautham and Mr. Kushal Nag M S

Introduction:

'Aid for the Visually Impaired Using AI' is an intelligent mobile application developed using Flutter, designed to empower the visually impaired by integrating cutting-edge artificial intelligence technologies into a unified, accessible platform. In contrast to existing assistive tools that depend on constant cloud connectivity, this app prioritizes local processing, ensuring faster response times, privacy, and reliability. Its core features—real-time object detection, OCR with TTS, AI voice assistant, and GPS-based navigation—allow users to interact with their environment, read printed material, get assistance, and navigate independently. The application is designed with a voice-first interface and accessibility-focused layout to offer maximum usability.

Objectives:

1. To build an AI-driven mobile application that provides visual assistance to blind or visually impaired individuals.
2. To implement real-time, on-device object detection to enhance environmental awareness.
3. To enable users to read printed and handwritten text using OCR combined with voice feedback.
4. To provide an AI assistant that can interpret user voice queries and respond with helpful information.
5. To integrate a reliable navigation system that offers audio-guided directions using GPS.

Methodology:

The application is developed using Flutter, ensuring a cross-platform solution. Object detection is achieved using TensorFlow Lite models embedded within the application. For OCR capabilities, Google ML Kit is employed for on-device text recognition, and results are converted into speech using the Flutter TTS plugin. The AI assistant is powered by Gemini API or a compatible local LLM, facilitating interactive conversations without cloud dependency. Navigation is enabled via Google Maps API and GPS sensors, offering turn-by-turn guidance and obstacle alerts. The entire application prioritizes voice interaction and tactile feedback, with minimal visual dependency, making it ideal for blind users.

Result and Conclusion:

The prototype of 'Aid for the Visually Impaired Using AI' demonstrates successful integration of all planned features. Object detection is fast and responsive, text recognition is accurate, and navigation support is clear and effective. The AI assistant

enhances usability by allowing natural voice-based interaction. The app operates with minimal reliance on internet connectivity, thanks to localized processing. This project confirms the potential for using mobile AI technologies to significantly improve the daily lives of visually impaired individuals.

24. AI POWERED WEARABLE NAVIGATION AID FOR VISUALLY IMPAIRED

Project Reference No.: *48S_BE_2462*

College : Sahyadri College of Engineering and Management, Mangaluru

Branch : Artificial Intelligence and Machine Learning

Guide(s) : Mr. Sharathchandra N R

Student(s) : Mr. Mohammad Anzil Parveez, Mr. Rahil Ibrahim K, Mr. Rakshith Rao and Mr. Sujan Kumar Shetty

Introduction:

The Navigating independently poses significant challenges for visually impaired individuals, as traditional mobility aids such as white canes and guide dogs have inherent limitations. White canes, for instance, can only detect obstacles through direct contact, which restricts their range and effectiveness in complex environments. Guide dogs, although beneficial, are expensive, require extensive training, and depend on the dog's presence and performance. These traditional aids provide limited real-time feedback and adaptability to changing environments, making it difficult for visually impaired individuals to navigate safely and efficiently. To address these issues, there is a pressing need for innovative assistive technologies that can offer real-time, comprehensive feedback on the user's surroundings.

This project aims to develop a cutting-edge solution by integrating a real-time camera and sensor-based detection system that can identify obstacles, pedestrians, and environmental features. This system translates visual data into auditory cues and tactile feedback, enhancing spatial awareness and independence for visually impaired users. By leveraging advanced technologies, our project seeks to overcome the limitations of traditional aids, providing a reliable, practical, and cost-effective tool to improve the quality of life and autonomy for visually impaired individuals.

Objectives:

1. To develop a wearable assistive device for visually impaired individuals.
2. To develop AI based system that can detect obstacles and provide real-time feedback to the user through the varying pulse generator and audio feedback
3. To enable visually impaired individuals to independently navigate between indoor rooms within a house.

Methodology:

The working methodology of the "AI Powered Wearable Navigation Aid for Visually Impaired" involves a sophisticated integration of hardware and software components to assist visually impaired individuals in navigating their environment. The system

features an ESP32 Camera embedded in a cap, which captures images of the surroundings when a button is pressed.

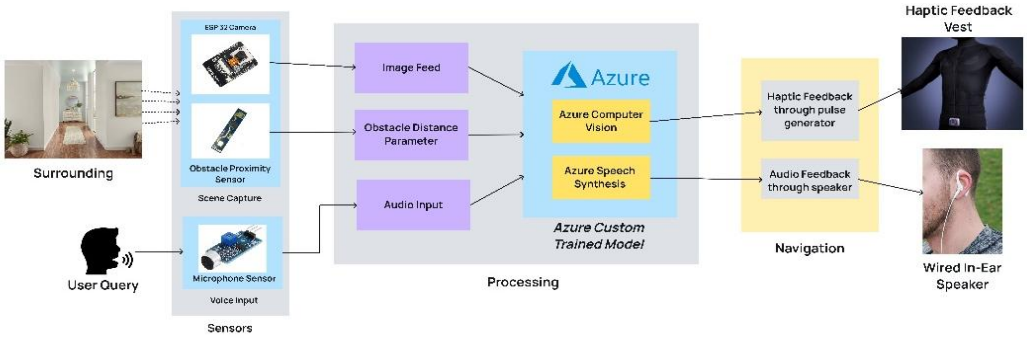


Figure: Architecture Diagram

These images are sent to the Azure Computer Vision API for analysis, which generates descriptive captions. The captions are then transmitted to another ESP32 module, which converts the text into speech using an amplifier and speaker, providing auditory feedback to the user. For obstacle detection, the system employs two ultrasonic sensors: one for short-range detection up to 20 cm and another for longer-range detection up to 400 cm. When an obstacle is detected, a vibration motor activates, with the vibration intensity inversely proportional to the distance of the obstacle, offering haptic feedback. Additionally, another ESP32 module equipped with a TensorFlow Lite model assists in navigation between rooms by processing environmental data, further enhancing the user's ability to navigate different spaces effectively. This comprehensive approach ensures that visually impaired individuals receive real-time, multi-sensory feedback, significantly improving their spatial awareness and independence.

Result and Conclusion:

The "AI Powered Wearable Navigation Aid for Visually Impaired" project has delivered exceptional results, marking a significant milestone in assistive technology. One of the most notable achievements is the system's unprecedented processing speed, providing feedback within just 3 seconds after capturing an image—a feat unmatched globally. This rapid response time ensures that visually impaired users receive immediate and actionable information about their surroundings, greatly enhancing their ability to navigate safely and efficiently.



Figure: Prototype

The system's dual ultrasonic sensors effectively detect obstacles within a range of 20 cm to 400 cm, offering real-time haptic feedback through a vibration motor that adjusts intensity based on obstacle proximity. Additionally, the ESP32 Camera captures high-quality images, which are analyzed by the Azure Computer Vision API to generate descriptive captions with 92% accuracy, converted into auditory feedback for users. The integration of a TensorFlow Lite model further assists users in navigating between rooms by processing environmental data, making the device highly effective in complex indoor settings. Moreover, the cost-effective design of the device ensures that advanced assistive technology is accessible to a broader audience. In conclusion, this project not only addresses the limitations of traditional mobility aids but also sets a new standard for efficiency and responsiveness in assistive technology, significantly enhancing the independence and quality of life for visually impaired individuals. Future developments could focus on refining AI models and expanding the device's capabilities to ensure continuous improvement and broader adoption

25. AI-DRIVEN TALENT ACQUISITION ENGINE AND CAREER FIT ASSESSMENT PLATFORM

Project Reference No.: *48S_BE_6462*

College : Guru Nanak Dev Engineering College, Bidar

Branch : Artificial Intelligence and Machine Learning

Guide : Dr. Dayanand J.

Students : Ms. Mahati Shitole, Mr. Udaykiran Bawage, Ms. Shaheema Maliha Feroz and Mr. Gufran Ahmed Khan

Introduction:

In the modern job market, recruiters and hiring managers face the daunting challenge of screening an ever-increasing volume of resumes for each job opening. The traditional, manual process of evaluating resumes is not only time-consuming but also susceptible to human error, making it difficult to efficiently identify the most qualified candidates. As organizations struggle to manage this influx of applications, the demand for more intelligent and scalable solutions has never been greater. Applicant Tracking Systems (ATS) have emerged as a critical solution to address these challenges. However, traditional ATS platforms often suffer from limitations such as inefficient resume parsing, overreliance on keyword matching, lack of clarity in job applications, and no guidance for interview preparation. This project develops an AI-driven ATS designed to enhance recruitment processes, offering intelligent automation, accurate job matching, and seamless candidate evaluation.

This AI-driven system not only improves the precision of resume screening but also empowers job seekers with personalized feedback, skill gap analysis, and curated interview questions. It leverages advanced NLP and machine learning techniques to understand the context of resumes and job descriptions beyond basic keyword matching. By doing so, it bridges the gap between candidates and recruiters, ensuring a more efficient, fair, and insightful hiring experience.

Objectives:

1. Develop a system to gather resumes and job descriptions from various sources, including file uploads (PDF, DOCX, TXT) and LinkedIn profiles.
2. Automates resume screening by extracting text, generating embeddings, and using FAISS with cosine similarity to match resumes with job descriptions.
3. Deliver detailed ATS reports which evaluates resumes for keyword matching, formatting, customization, technical and soft skills alignment, and skill gap analysis with relevant learning resources.
4. Achieve precision in resume-job matching, generate relevant LinkedIn job recommendations, and create tailored interview questions per role.
5. Rank candidate resumes by job fit, allowing recruiters to analyse multiple selections at once.

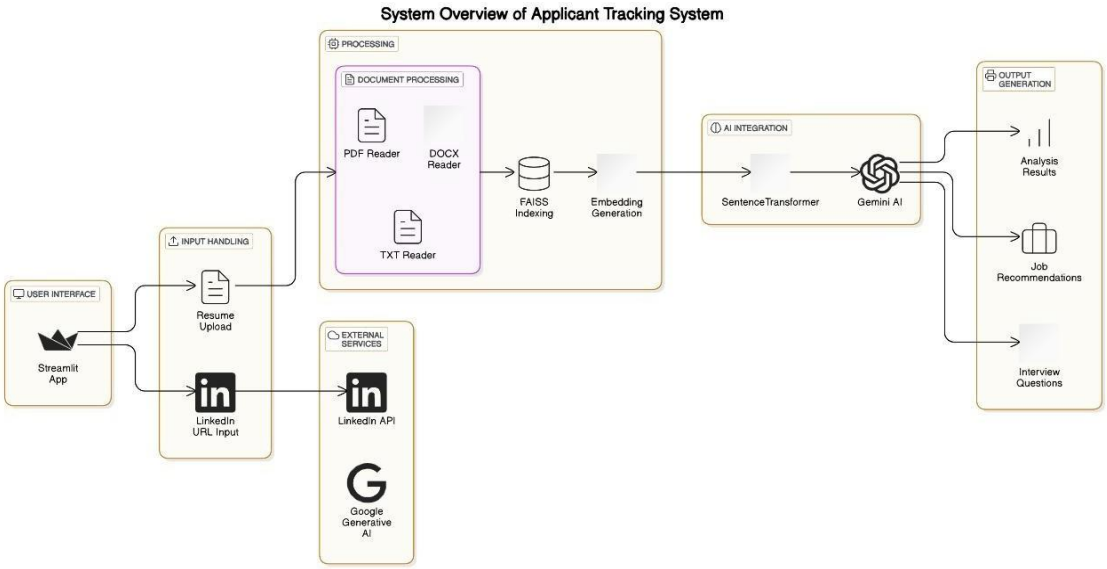
Methodology:

This project outlines the development of an Applicant Tracking System (ATS) that uses a modular approach to automate and improve the hiring process for both job seekers and recruiters.

System Architecture and Core Components

The system is built on five main components:

- Frontend UI: Provides a user-friendly interface.
- Resume Processing: Handles data collection and preprocessing of resumes and job descriptions from various formats (PDF, DOCX, TXT), using tools like PyPDF2 and python-docx. The text is cleaned and preprocessed with NLTK for tokenization and stopword removal.



- Embedding Generation: Resumes are broken into small chunks (approx. 500 characters), and a Sentence-Transformer model (all-MiniLM-L6-v2) is used to convert these chunks into semantic embeddings. This process allows the system to understand the context of the text, not just keywords.

- Similarity Matching: FAISS is used to quickly index and search through the resume and job description embeddings. Cosine similarity is then calculated to rank candidates based on how well their resume content matches the job description.
- AI-Based Report Generation: The system uses Gemini AI to generate detailed, tailored reports for different users.

User-Specific Features and Reports:

The ATS provides distinct functionalities for job seekers (employees) and recruiters.

- For Employees: The system offers two pathways. The "See Results" path generates a comprehensive report that provides an ATS score, highlights keyword matches and skill gaps, and offers suggestions for improvement. The "Make a Match" path gives personalized feedback on various resume aspects like grammar, formatting, and word choice, along with a percentage match to a specific job. The system also fetches relevant job openings from LinkedIn and even generates tailored interview questions.
- For Recruiters: The system streamlines the shortlisting process. Recruiters can upload multiple resumes against a single job description. The system then automatically ranks candidates into three categories: "Best Fit," "Moderate Fit," and "Not Fit," based on cosine similarity scores. This automation significantly speeds up hiring decisions.

Conclusion:

In conclusion, this project provides a solid foundation for enhancing talent acquisition. It represents a significant advancement in automated candidate tracking by improving a job seeker's visibility and boosting the overall efficiency of the hiring process.

26. DESIGN AND DEVELOPMENT OF A HALOPHILIC BIOFILM-BASED INTEGRATED SYSTEM FOR SEAWATER DESALINATION AND SUSTAINABLE PRODUCTION OF POTABLE WATER AND ELECTRICITY

Project Reference No.: 48S_MSC_0142

College : St. Aloysius College (Autonomous), Mangaluru

Branch : Biotechnology

Guide(s) : Dr. Jiji George

Student(s) : Mr. Sajan S P, Ms. Pratheeksha M and Mr. Rakendu K

Introduction:

Interest in integrated solutions that can meet both demands at once has increased as a result of the world's growing need for sustainable energy and the growing shortage of freshwater resources. Despite their effectiveness, traditional saltwater desalination methods are frequently costly and environmentally harmful. A viable substitute is provided by recent developments in microbial electrochemical technologies, which use

naturally occurring biofilms to produce energy and desalinate water (Logan et al., 2006).

In this context, halophilic bacteria are particularly interesting since they can thrive in high-salinity settings. These microbes can be used to create biofilms on electrode surfaces after being isolated from hypersaline settings such as the salt pans of Sanikatta, Karnataka. These biofilms are essential to microbial desalination cells (MDCs), which desalinate seawater while facilitating electron transfer and generating energy (Shivaji & Prakash, 2009; Cheng et al.,2006).

Additionally, including organic waste—like wastewater from breweries or kitchens—into these systems might improve bioelectricity production efficiency while also aiding in waste management (Pant et al., 2012). The suggested study intends to create a sustainable, affordable solution for producing potable water and renewable energy in a single system by optimizing reactor conditions and membrane materials (Bernet et al., 2008).

Objectives:

1. To isolate halophilic bacteria from salt pan land of Sanikatta in Uttara Kannada and evaluate its potential for seawater desalination.
2. To Develop a halophilic biofilm-based integrated system for simultaneous seawater desalination and sustainable production of potable water and electricity.
3. To identify and optimize the use of suitable anion and cation exchange membranes or salt bridges for enhanced efficiency in electricity generation.
4. To evaluate the feasibility of integrating the system with kitchen waste or brewery wastewater to enhance its desalination and energy generation performance.

Methodology:

a. To isolate halophilic bacteria from salt pan land of Sanikatta in Uttara Kannada and evaluate its potential for seawater desalination:
    - Soil, water, and sediment samples were collected from multiple sites using sterile tools to avoid contamination. Samples were transported at 4°C and processed within 24 hours to preserve microbial viability using the modified protocols of Gunde-Cimerman et al. (2004) and Shivaji et al. (2009).

b. To Develop a halophilic biofilm-based integrated system for simultaneous seawater desalination and sustainable production of potable water and electricity.

    A microbial desalination cell (MDC) was developed using halophilic bacteria to desalinate seawater and generate electricity. Salt-tolerant strains were cultured on NSSW and Halophilic Agar, then induced to form biofilms. The MDC comprised an anode in saline water and a cathode in low-salt water, enabling ion migration and power generation (Cheng et al., 2006).

c. To evaluate the feasibility of integrating the system with kitchen waste or brewery wastewater to enhance its desalination and energy generation performance.

The feasibility of using organic waste as a carbon source in the MDC was evaluated. Pre-treated kitchen, sugar cane waste and brewery wastewater were used as feedstock. Desalination efficiency, power output, and organic load reduction were monitored. Water quality and power density were measured, and statistical analysis assessed treatment effectiveness (Logan et al., 2008; Pant et al., 2012).

Results & Conclusions:

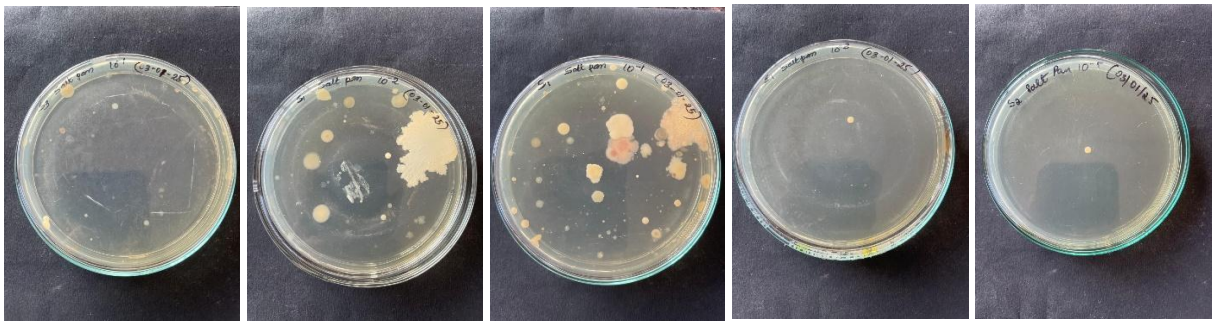
The organisms were isolated from Saltpan at Sanikatte, Gokarna Rd, Karnataka, Lat 14.546983 and Long 74.345937





Soil samples from salt pan were serially diluted in different dilutions and inoculated the samples into NSSW (Natural seawater sucrose water) media. Diversity of organisms were observed in the sample at 10^-1 and 10^-2 dilutions. The morphological features were noted and individual colonies were isolated and inoculated in different salt concentration to see their salt tolerating ability.

Four of the organisms, were screened to see their desalination ability and one of the organisms showed its ability to desaline salt water. that organism was sent for the identification by sequencing, by sequencing the sample organism showed 99.932% similarity to a halophlic organism, Virgibacillus salarius .



All the organisms were screened to see their salt tolerating ability by increasing the salt concentration from 3.5%, 5%, 10%, 15 %, 20% and 25% in halophilic media. Out of them 4 organisms had the ability to grow in 20% of salinity.

27. BRICKS FROM GRANITE SLURRY: TRANSFORMING WASTE INTO VALUE

Project Reference No.: 48S_MSC_0164

College : JSS Science and Technology University, Mysuru

Branch : Chemistry

Guide(s) : Dr. J.P. Shubha

Student(s) : Mr. Sagar A.M., Ms. Sneha K.G., Mr. Manoj Kumar G.M. and Ms. Dhanushree G.K.

Introduction:

One of the key components used in the construction operations is brick. This crucial material has lagged behind in innovation due to the traditional brick-making process. Large quantities of building materials will be needed for the infrastructure, which includes structures for industry and housing as well as facilities for managing sewage and water. There is a mismatch between the management of supply and demand for these materials because of the high demand placed on the construction material business, particularly in the past ten years due to population growth. Researchers are therefore working to create sustainable substitutes for the building material in order to satisfy the steadily rising demand. Investigating how to accomplish this while maintaining the material requirements affirmed in the standards and benefiting the environment has become necessary due to the growing popularity of using lightweight, inexpensive, and environmentally friendly construction materials in the building industry. Because of its characteristics, brick is one of the most adaptable masonry units as a building material.

Paper processing residues, cigarette butts, fly ash, textile effluent treatment plant (ETP) sludge, polystyrene foam, plastic fibre straw, polystyrene fabric, cotton waste, dried sludge collected from an industrial wastewater treatment plant, rice husk ash, and granulated powder mixtures were compressed in a hydraulic press, and the green bodies were dried before firing at 1100°C. These are just a few examples of the various attempts to incorporate waste into brick production.

Objectives:

1. To repurpose granite slurry effectively.
2. To produce bricks without requiring burning.
3. To minimize cement usage.
4. To evaluate the compressive strength of the bricks.
5. To create an optimal product using waste materials from the granite industry.

Methodology:

1. To repurpose granite slurry effectively.
2. To produce bricks without requiring burning.
3. To minimize cement usage.
4. To evaluate the compressive strength of the bricks.
5. To create an optimal product using waste materials from the granite industry.

6. For manufacturing of bricks, we are working upon different composition of granite slurry and Cement. At first, we need raw materials such as Mud, Granite slurry, M-sand and cement. Mud is collected by nearby land. The collected mud is processed in order to remove large stones and unwanted debris. M-sand is obtained from crushing small granite into powder which is collected from nearest manufacturer. Granite slurry is collected from nearest granite manufacturer. We manufactured four different compositions of bricks they are,
7. 50% of Mud, 20% of M-sand, 20% of Granite slurry and 20% of Cement. All are mixed using adequate quantity of water. Metal mould was used for shaping and bricks are dried over 24 hours. After 24 hours, the bricks were cured for 7 days. In the similar way the bricks with varying composition of cement and granite slurry are made and listed in the below,
8. 50% of Mud, 10% of M-sand, 25% of Granite slurry and 15% of Cement.
9. 50% of Mud, 10% of M-sand, 30% of Granite slurry and 10% of Cement.
10. 50% of Mud, 10% of M-sand, 35% of Granite slurry and 5% of Cement.



Figure: Image of different composition of mud brick.

Result and Conclusion:

We observe that granite slurry is easily miscible with mud, M-sand and cement by using water. There is any difficulty in mixing the granite slurry with the other raw materials, it is easy to mix. The mixture of these components is shaped using a stainless-steel mould of 9/4/3 inches. We are able to obtain find structure without any crack. We dried the break under the roof avoiding direct contact with sunlight. The direct contact of sunlight may cause us cracking of bricks. After 24 hours the brick is dried completely without forming any cracks which signifies that Granite slurry is bind with the above mixtures evenly. They were dried break are weighed about 3-3.5 kg. After 24 hours the bricks are wetted. Wetting is done in order to give strength and conditioning the bricks. Which helps in binding of all the components together providing strength over a longer period of time. If the Wetting of breaks done before it is completely dried less than 24 hours of manufacture there is a chance of deformation or cracking of bricks. It is necessary that wetting is done after complete drying of bricks. Wetting is done for about 7 days continuously to provide strength. In conclusion, Bricks are manufactured using Granite slurry in above concentration without producing any cracks or deformation. If the Wetting of breaks done before it is completely dried less than 24 hours of manufacture there is a chance of deformation or cracking of bricks. It is necessary that

wetting is done after complete drying of bricks. Furthermore, tests like Water absorption, Compression strength etc… have to be done which are under action.

Project Outcome & Industry Relevance:

The overall goal of this project is manufacturing reliable and eco-friendly bricks which helps in rural development. Bricks we manufacturing are cost effective and easy to manufacture. Due to its easy manufacturing, it is easily affordable particularly for middle class people. And it is also become booming manufacturing for industries because of easy affordability of raw materials. Due to the reduction of using cement the cost of the bricks is reduced significantly and simple manufacturing method will make the production more compatible and easier. More and more bricks are manufactured at a shorter period of time. Which will in terms fulfil the need of bricks easily in large scale. Furthermore, work is under action for testing the bricks ability to compression strength, water absorption power etc. If work show positive result it can be commercialized.

28. PERFORMANCE EVALUATION OF GREEN SYNTHESIZED NANOCOMPOSITE ENHANCED ELECTRODES IN MICROBIAL FUEL CELL FOR GENERATING EFFICIENT ELECTRICITY

Project Reference No.: 48S_BE_3217

College : Dayananda Sagar Academy of Technology and Management, Bengaluru

Branch : Civil Engineering

Guide(s) : Prof. Shreyas B V and Dr. K N Vishwanath

Student(S): Mr. Yashwanth Kumar R, Ms. Akshatha, Ms. Harshini S R and Mr. Manoj U

Introduction:

In an era marked by growing environmental concerns and increasing demand for sustainable energy sources, microbial fuel cell (MFC) have emerged as a promising innovation at the intersection of biotechnology and renewable energy. These ingenious devices harness the power of microorganisms to convert organic matter directly into electricity, offering a tantalizing solution to our dual challenge of waste management and clean energy production. Microbial fuel cell (MFC) is a type of bio electrochemical fuel cell system that generates electric current by diverting electrons produced from the microbial oxidation of reduced compounds on the anode to oxidized compounds such as oxygen on the cathode through an external circuit.

MFCs require sustained electron release in the anode and electron consumption in the cathode. The attainable metabolic energy gain for bacteria is directly related to the difference between the anode potential and the substrate redox potential extensive studies have confirmed new insights into MFC, which show that a wide array of carbon sources including wastes can be employed using a variety of microbes. Consequently, microbial transformation of wastes using novel bioremediation strategies such as MFC for energy generation is considered as an efficient and environmentally benign

approach. Microorganisms' metabolic processes can be used by devices called microbial fuel cells (MFCs) to generate electricity. They are essential for bioremediation, renewable energy, and wastewater treatment. In the process of consuming organic matter, MFCs produce electricity. They can speed up the removal of pollutants from contaminated environments, are suited for independent 2 or remote areas, and are environmentally beneficial. MFCs provide an adaptable and sustainable answer to a range of problems. Microbial fuel cells (MFCs) are a cutting-edge technique for treating water that can be used to both treat wastewater and produce energy. Utilizing the metabolic processes of microorganisms, they clean water and generate electricity as a byproduct, showcasing a significant advance in sustainable technology. Because MFCs use less energy, they have a smaller environmental impact and lower operating expenses. They are a potential substitute for traditional techniques since they can function in a variety of environments.

Objectives:

1. To determine the performance evaluation of nanocomposite enhanced electrodes in microbial fuel cell for generating efficient electricity
2. To collect and characterize the physical and chemical properties of domestic sewage collected in DSATM campus.
3. To find out the efficiency of the various contaminants in the water by using MFCs like percentage removal of COD, BOD, PH and TDS.
4. To treating the domestic sewage and generation of electricity.
5. To know the efficiency and lifespan of anode and cathode used and along with the electricity generation.
6. Characterization of the sludge.

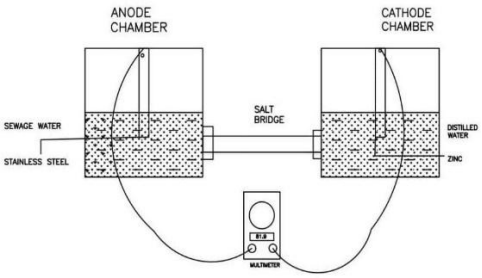
Methodology:

Materials:

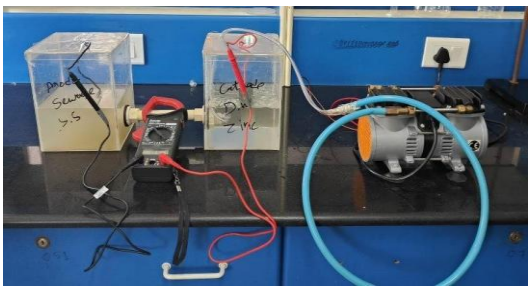
- MFC reactor is a two-chamber microbial fuel cell (MFC) was constructed using acrylic fiberglass with dimensions of 15 cm × 15 cm × 20 cm, providing a total volume of 4500 ml. The anode and cathode chambers were separated by a salt bridge, facilitating ion exchange while preventing direct mixing of the chamber contents.
- Fabrication of Electrodes is a Coating of ZnO_2/Nf immobilized on the electrode- Before electrode modification, the mirror like surface of the electrode was obtained by using various size of emery sheets.
- The salt bridge is a key element in a microbial fuel cell (MFC), serving to keep the anode and cathode electrodes separate while maintaining distinct anaerobic and aerobic conditions in the respective chambers.
- Copper was utilized as outside circuit that interfaces the cathode and anode. On both electrode sides, the copper wires were attached along with electric tape.

- The miscellaneous materials utilized in the present study include Glue gun, Para film, and variety of glassware, PH meter, digital multi-meter, spectrometer, chemical reagents, digital balance, thermometer, crucibles, oven, and desiccator.

Process:



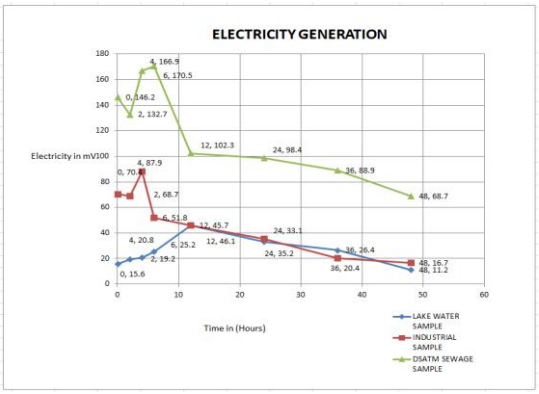
Typical Prototype



Fabricated Prototype Model

Results & Conclusions:

1. **Institutional Sewage Wastewater:** Exhibited the highest overall voltage production, indicating high organic content and microbial activity.



2. **Industrial Wastewater:** Showed moderate voltage production with a sharp decline, indicating lesser organic content compared to sewage wastewater.
3. **Lake Water:** Exhibited the lowest voltage production, suggesting the lowest organic content and microbial activity among the three water sources.

29. COMPREHENSIVE LANDSLIDE SUSCEPTIBILITY MAPPING AND STABILITY ANALYSIS FOR SUSTAINABLE SLOPE MANAGEMENT IN THE MADIKERI REGION

Project Reference No.: *48S_BE_6090*

College : The National Institute of Engineering, Mysuru

Branch : Civil Engineering

Guide(s) : Mrs. Shruthi A N and Dr. Abhishek A Pathak

Student(s) : Ms. Yashaswini K H, Mr. Vishwas M R, Mr. Pavan Kumar and Mr. Shankar Prasad P

Introduction:

Landslides, being one of the most destructive natural disasters, have become increasingly severe, particularly with the rapid urbanization occurring in the developing regions of hilly areas. Kodagu district, located in the Western Ghats of Karnataka, India, is an area highly vulnerable to landslides due to its sensitive topography, marked by ridges and steep slopes. This region has been frequently impacted by landslides, including mudslides, and floods, resulting in significant loss of life, such as the tragic events of 2018. The Madikeri region, in particular, is one of the most landslide-prone areas in Kodagu, where high and intense monsoonal rainfall exacerbates the risk. Despite the critical need for landslide susceptibility mapping to ensure safe infrastructure development, there remains a gap in comprehensive research that effectively integrates a range of parameters and advanced methodologies. Addressing this gap is essential to better understand and mitigate the risks posed by landslides, ultimately paving the way for more sustainable and resilient development in the region.

This study aims to address this gap by integrating geospatial and geotechnical evaluations to enhance the understanding of landslide dynamics and develop a precise risk assessment framework for the study area. Seventeen various parameters (thematic layers) and a mixture of spatial analysis techniques are considered to identify landslide risk prone zones and also a sensitivity analysis is performed to determine the key parameters influencing landslide.

The results from geospatial techniques identified high-risk regions, where in-situ and laboratory investigations are conducted on soil samples to determine their index and engineering properties. A numerical model is then developed to analyze slope stability, focusing on shear strength characteristics and their variations with water content and soil texture. The Factor of Safety (FoS) derived from numerical model along with geospatial analysis provides insights into the stability of different slopes in the region, enabling the identification of unstable areas in the region. The sensitivity analysis emphasized the crucial role of slope, Topographic Wetness Index, distance to road and rainfall among the various parameters in landslide risk assessment. The use of geotechnical analysis combined with advanced geospatial techniques, offers a robust approach to landslide susceptibility mapping, which can be replicated in other regions seamlessly. The study offers a robust approach to landslide risk assessment for bureaucrats and policymakers, aiding informed decision-making in landslide disaster risk management, land-use planning, and mitigation strategies, while fostering sustainable development in mountainous areas.

Objectives:

1. To develop a sophisticated comprehensive landslide susceptibility map for the Madikeri region by integrating geospatial techniques topographical, geological, vegetation, anthropogenic, hydrological, and hydrological parameters.
2. Sensitivity analysis of various factors to identify the most influential parameter for landslides in the Madikeri region.
3. Stability analysis of landslide susceptibility slopes for factor of safety using Geo-studio.

Methodology:

Despite the critical importance of landslide susceptibility mapping and geotechnical investigations in ensuring safe infrastructure development, there remains a gap in comprehensive studies that seamlessly integrate diverse parameters and advanced methods. This proposal seeks to bridge this gap by employing a multidisciplinary approach to landslide risk assessment, combining geospatial analyses and geotechnical evaluations.

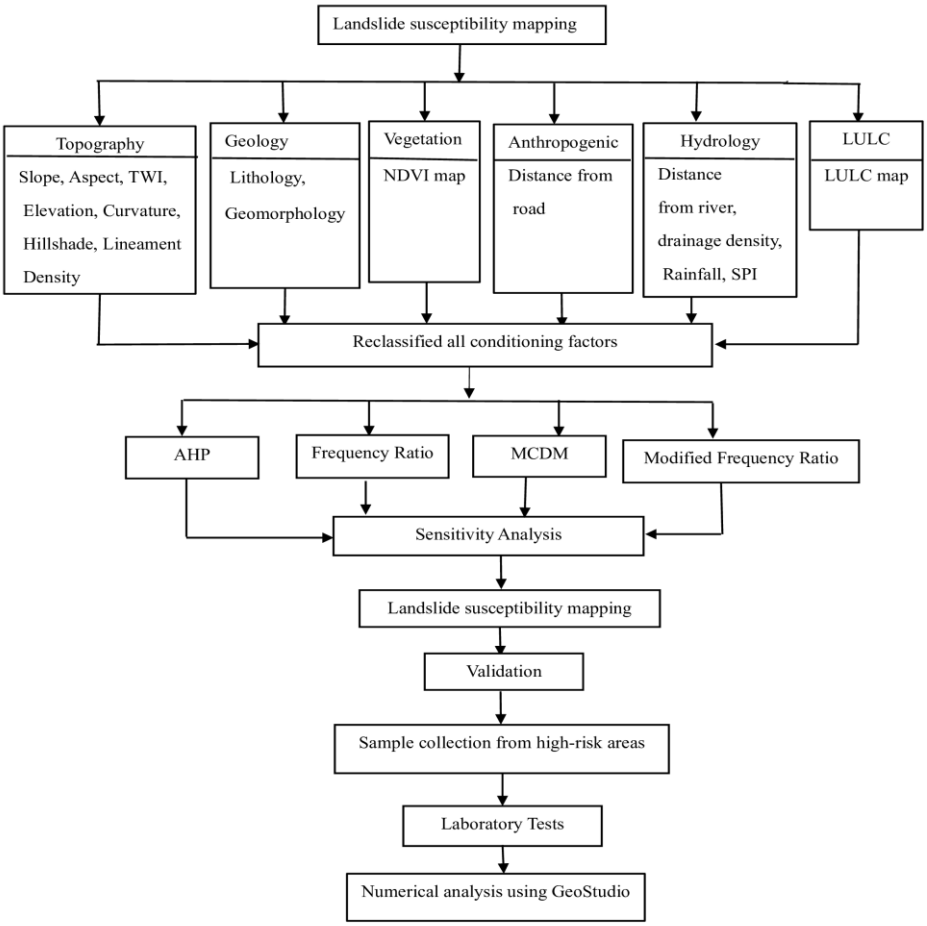


Figure: Methodology of the study

The process begins with the collection of data sets related to landslide occurrences and various conditioning factors that influence landslide susceptibility. The Analytic Hierarchy Process (AHP) is applied to prioritize the conditioning factors based on their relative importance in contributing to landslide susceptibility. Then frequency ratio is calculated for each conditioning factor, which helps in quantifying the relationship between the factors and the occurrence of landslides. Multi-Criteria Decision Making (MCDM) techniques and a Modified Frequency Ratio method, provide a thorough assessment of landslide susceptibility. Sensitivity analysis will be done subsequently to identify the most influential parameters triggering landslides.

The final output is a landslide susceptibility map that visually represents areas at risk based on the analysed data and methodologies. The susceptibility map is validated using analytical method and then based on the results soil samples will be collected from high-risk areas to conduct geotechnical investigations and a numerical model using GeoStudio will be performed to analyze slope stability focusing on shear strength characteristics and their variations due to water content and soil texture

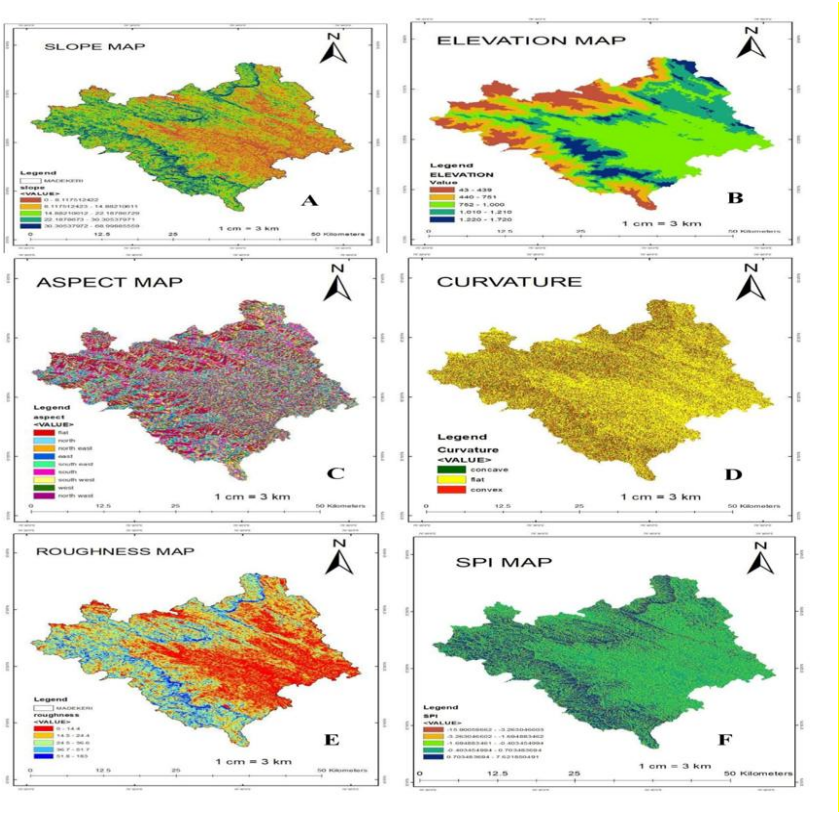


Figure: Maps of considered landslide conditioning factors

Geotechnical characterization of soils

Based on the susceptibility mapping soil samples were collected from four distinct locations of Madikeri region.

Index Properties	Location 1	Location 2	Location 3	Location 4
Sand	78%	77%	60%	68%
Clay	1%	1%	4%	2%
Silt	21%	22%	36%	30%
Liquid Limit	33%	32.7%	37%	38%
Shrinkage Limit	22.1%	33.37%	22.24%	22.28%
Free Swell Index	13%	20%	15%	30%

Table 1: Index Properties of collected soil samples

The laboratory tests focused on determining index properties, such as water content, specific gravity, unit weight, grain size analysis, and Atterberg limits. Additionally, shear strength parameters were determined using the direct shear test.

The susceptibility to landslides in the investigated locations, particularly Location 4, can be attributed to a combination of soil properties that reduce slope stability under certain conditions. Soils with higher silt and clay content, like those found in Locations 3 and 4, tend to retain water, and when saturated, their shear strength significantly decreases, making the slopes more prone to failure. Location 4 also exhibits a high Free Swell Index (30%), indicating the presence of expansive clays that swell when wet and shrink upon drying, leading to soil movement, cracks, and instability over time.

Additionally, the angle of internal friction across all locations is relatively low (18°–19°), which means the soil particles offer less resistance to sliding. Combined with low cohesion values in some locations (as low as 3–4 kPa), these soils are more likely to fail under stress, especially when subjected to increased moisture from rainfall or irrigation. The variation in permeability, where water easily passes through upper sandy layers and accumulates in finer soils beneath, further increases pore water pressure and weakens the slope. Altogether, these factors create conditions that make these soils vulnerable to landslides, especially in sloping terrains or poorly drained areas.

Tests Conducted	Location 1	Location 2	Location 3	Location 4
Specific Gravity	2.51	2.63	2.57	2.56
OMC (%)	15.4	16.08	14.25	13
MDD (kN/m^3)	17.74	16.90	17.89	18.96
Direct Shear	C=3Kpa Φ = 19°	C=4Kpa Φ =19.29°	C= 7 Kpa Φ = 19°	C=6 Kpa, Φ =18°
Coefficient of Permeability (mm/sec)	0.083224	0.101473	0.05	0.0168
In Situ Density(kN/m^3)	14.71	15.637	15.16	15.33

Table 2: Engineering Properties of collected soil samples

30. ARDUINO IDE PHONE UNLOCKING, WIFI HACKING AND ANDRIOD HACKING

Project Reference No.: 48S_MCA_0106

College : Garden City University, Bengaluru

Branch : Life Science

Guide(s) : Dr. Sibi Shaji

Student(s) : Mr. Muhammed Arafath.A

Introduction:

In the current age of wireless technology, there is a growing need to understand, test, and secure wireless communications such as Wi-Fi and Bluetooth. At the same time, real-time environmental monitoring is critical in hazardous or confined environments like sewage tunnels or industrial pipelines. This project integrates both functionalities in a compact, embedded system-based device that can monitor its surroundings and also act as a cybersecurity educational tool for ethical hacking. It combines Wi-Fi and Bluetooth packet capturing capabilities with IoT sensor integration, offering both surveillance and communication-testing capabilities.

Objectives:

1. To build a low-cost, portable device capable of capturing Wi-Fi and Bluetooth packets.
2. To enable long-range wireless data transmission using LoRa.
3. To display real-time sensor and wireless status information on an OLED display.
4. To integrate multiple modules like MQ135 (gas), DHT11 (temperature/humidity), and LoRa (SX1278) for environment sensing.
5. To use ESP32 for controlling all modules and interfacing with Wi-Fi/Bluetooth stacks.

Methodology:

This project uses the ESP32 microcontroller as the central brain, known for its dual-core processor, integrated Wi-Fi and Bluetooth capabilities, and multiple GPIO pins. The following modules are integrated:

- ESP32 Dev Board – central controller for all operations.
- OLED Display (0.96") – displays real-time data like gas levels, temperature, humidity, and Wi-Fi signal activity.
- LoRa SX1278 Module – transmits collected sensor data over long range.
- SIM800L GSM Module – used for fallback communication via SMS alerts.
- MQ-135 Sensor – detects harmful gases like ammonia, NOx, benzene, CO2.
- DHT11 Sensor – reads temperature and humidity.
- Bluetooth Sniffer – using ESP32 built-in BLE scanning.
- Wi-Fi De-authentication/Packet Monitor Tool – ESP32 supports packet sniffing modes for ethical hacking labs.
- Push Buttons – used to switch between modes (sensor monitor, Wi-Fi scan, Bluetooth scan, etc.).
- Micro-USB Module – for power input and programming.

All components are mounted and soldered on a general-purpose PCB board. Programs are written using the Arduino IDE with libraries for each sensor/module.

Result and Conclusion:

a. Scanned and displayed nearby Wi-Fi networks and Bluetooth devices.
b. Sent gas, humidity, and temperature readings over LoRa.
c. Displayed all readings in real time on the OLED screen.
d. Supported multiple operational modes using push buttons.
e. Demonstrated basic ethical hacking functionalities (e.g., Wi-Fi deauth, BLE scan) useful for cybersecurity education.

Conclusion:

The prototype achieved its goal of creating a portable, multi-functional device that is both a learning platform for wireless security and a practical tool for environmental sensing.

31.SMART LOCK FOR PARKING VIOLATION USING: IOT

Project Reference No.: 48S_BE_0937

College : A.M.C. Engineering College, Bengaluru

Branch : Computer Science and Engineering

Guide(s) : Mrs. Mala M and Mrs. Velvizhi Ramya R

Student(s) : Mr. Tejas B P, Mr. Yashwanth R, Ms. Fatima Fazil and Ms. Gamya Shree V

Introduction:

Parking violations, especially in no-parking zones, contribute to urban traffic congestion and inefficiencies in law enforcement. Traditional enforcement methods, like manually clamping vehicles, are time-consuming and inconvenient. To address these challenges, this project proposes a Smart Lock System for Parking Violations using IoT technology to automate the unlocking process after fine payment, enhancing efficiency and convenience for both law enforcement and vehicle owners.

The Smart Lock System integrates IoT and digital payments to streamline parking violation enforcement. After a vehicle is locked manually, a QR code on the lock directs the violator to an online payment portal. Upon payment confirmation, the system automatically unlocks the vehicle, reducing police intervention. The lock includes GPS tracking and tamper detection sensors, ensuring real-time monitoring and security. This system enhances law enforcement efficiency, improves fine collection, and contributes to smart city development through data-driven urban planning.

Objectives:

1. Automate the Unlocking Process – Enable automatic vehicle unlocking after fine payment to reduce manual intervention by law enforcement.
2. Enhance Law Enforcement Efficiency – Free up police resources by minimizing the time spent on unlocking vehicles.
3. Improve Violation Management – Streamline the process of handling parking violations through IoT-based automation.
4. Enable Secure Digital Payments – Provide a seamless online payment system via QR code scanning, ensuring quick and hassle-free fine collection.
5. Enhance Security and Monitoring – Integrate GPS tracking and tamper detection sensors to prevent unauthorized removal and ensure real-time monitoring.
6. Reduce Traffic Congestion – Minimize delays caused by illegally parked vehicles and enhance urban mobility.
7. Improve User Convenience – Allow vehicle owners to pay fines and unlock their vehicles instantly, avoiding long waiting times.
8. Support Smart City Initiatives – Leverage data analytics from violations and payment trends to optimize parking policies and urban planning.
9. Increase Compliance with Parking Regulations – Encourage responsible parking behaviour by making the fine payment and unlocking process more transparent and efficient.

10. Prevent Legal Disputes – Provide a digital record of fines and payments, reducing conflicts between violators and law enforcement.

Methodology:

Vehicle Locking Process:

- Traffic enforcement officers manually attach a smart lock to the violating vehicle.
- A unique QR code is generated and attached to the lock, linking to an online payment portal.

Fine Payment Process:

- The violator scans the QR code using a smartphone, which redirects them to the payment gateway.
- The portal displays violation details, fine amount, and payment options.
- The violator makes the payment through a secure online transaction (UPI, debit/credit card, digital wallets).

Unlocking Mechanism:

- Upon successful payment, the system verifies the transaction.
- The IoT module in the smart lock triggers a beep sound, indicating that the lock is ready to be opened.
- The violator must manually pull the arm of the lock to unlock their vehicle.

Device Return Process:

- Once unlocked, the violator is instructed to return the smart lock to the nearest police booth within 24 hours.
- The system records the return status of the lock, and reminders are sent via SMS or app notifications.
- If the device is not returned within 24 hours, a penalty fee is imposed, and the violator's details are flagged in the system.
- GPS tracking in the smart lock ensures real-time monitoring, preventing theft or loss.

Real-Time Monitoring and Security:

- The lock is equipped with tamper detection sensors, alerting authorities in case of any unauthorized removal attempts.
- GPS tracking helps officers monitor locked vehicles and track unreturned locks.
- A centralized system maintains records of violations, payments, and device return statuses.

Data Collection and Enforcement Optimization

- The system logs all violations, payments, and returns, helping authorities analyse trends.

- Data insights enable city planners to improve parking regulations and optimize enforcement strategies.

Result and Conclusion:

The real-time data handling with Firebase and the secure payment gateway enhance user convenience while reducing the workload of traffic authorities. This innovative approach not only improves compliance with parking regulations but also provides a scalable solution for urban traffic management, making it a practical and impactful tool for modern cities

The Smart Lock for Parking Violation system effectively addresses the challenges of manual parking enforcement by automating the fine payment and unlocking process.

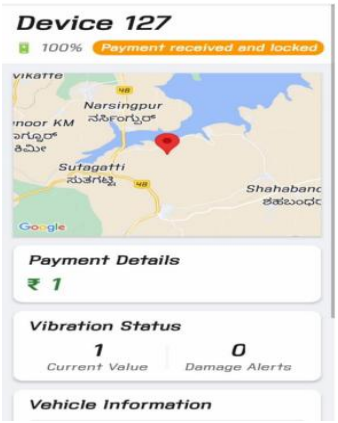


Figure: Device list

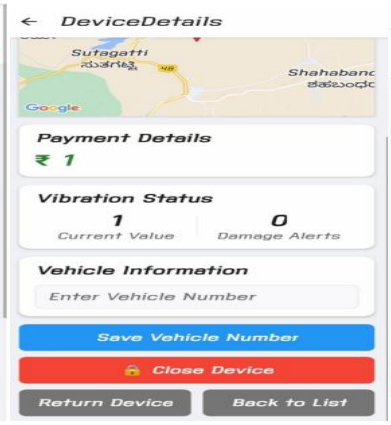


Figure: Input Interface



Figure: Device Details

By integrating IoT components such as the ESP32 microcontroller, solenoid lock, GPS module, and vibration sensor, the system ensures a streamlined and efficient experience for both users and law enforcement.

32. SMART EDUCATIONAL ECOSYSTEM WITH AUTOMATED MONITORING AND COLLABORATIVE TOOLS.

Project Reference No.: 48S_BE_4780

College : Angadi Institute of Technology and Management, Belagavi

Branch : Computer Science and Engineering

Guide : Prof. Vilas Jarali

Student(s) : Mr. Pramod Topannavar, Mr. Prathamesh Manohar Kumbar, Mr. Yugant D. Koulgekar and Mr. Siddappa Irappa Totager

Introduction:

The Smart Educational Ecosystem with Automated Monitoring and Collaborative Tools is designed to ensure focus and integrity during practical exams and lab sessions. It restricts unauthorized activities such as using AI tools, search engines, and personal applications. The system enables teachers to assign tasks and monitor student activities through real-time tracking. Teachers can review student compliance with

academic guidelines. Students are required to log into a desktop application to access the system. The desktop app enforces restrictions to prevent unauthorized activity. It captures periodic screenshots of the student's screen during sessions. The application also tracks usage of applications to ensure task compliance. This system ensures that students adhere to the given academic requirements. Additional features include automatic attendance logging for every session. The platform allows students to submit their tasks through the dashboard. Teachers can easily manage and track task submissions. Video conferencing is integrated for supervise discussions between teachers and students. These discussions ensure proper communication and monitoring during sessions.

Objectives:

1. To stop students from using AI tools, search engines, or personal apps during lab sessions and exams.
2. To mark student attendance automatically with login time, logout time, IP address, and location.
3. To help teachers give tasks, check progress, and review student work easily.
4. To track how well students follow their tasks using activity logs and performance data.
5. To let students send leave requests and make it simple for teachers to approve them.
6. To provide a simple and easy-to-use system for both students and teachers.

Methodology:

The project involves:

1. Feature Identification and Requirement Analysis:

   Identify and list the key features essential for the teacher and student dashboards. This includes functionalities such as student enrolment, task assignment, attendance tracking, screen monitoring, and leave management.

2. Interface Design:

   Design user-friendly and intuitive interfaces for both teachers and students. Ensure that the interfaces are non-intrusive and easy to navigate while maintaining functionality and accessibility.

3. Desktop Application Development:

   Develop a lightweight desktop application for students that runs in the background. This app logs attendance automatically, captures periodic screenshots, tracks device/application usage, and enforces academic restrictions during sessions.

4. Frontend, Backend, and Database Integration:

   Build the system's frontend and backend using modern web development technologies. Design a scalable and secure MySQL database to manage user records, attendance logs, activity tracking data, and task submissions.

5. Real-Time Communication Features:

   Integrate video conferencing using technologies like WebRTC to support supervised virtual discussions and online academic interactions. Enable real-time data connectivity between the dashboards and the desktop client.

6. Technology Stack and Tools Utilized:

   Use tools such as Visual Studio Code, Anaconda Navigator, and MySQL Workbench. Employ frameworks and libraries like Django, Electron JS, Node.js, WebRTC, and Pillow for full-stack development and media handling.

7. Testing and Debugging:

   Conduct thorough testing of individual modules and the complete system to ensure performance, security, and usability. Resolve any bugs and refine the user experience through continuous testing and feedback

8. Cloud Deployment:

   Deploy the final system on a scalable cloud platform. This enables anytime-anywhere access, efficient resource management, and readiness for future updates or expansion.

Result and Conclusion:

The Smart Educational Ecosystem with Automated Monitoring and Collaborative Tools addresses critical challenges in maintaining academic integrity, monitoring student activities, and managing practical exams and lab sessions effectively. By integrating features such as real-time activity tracking, automated attendance logging, task management, and secure video conferencing, the system creates a controlled and productive academic environment.





It bridges the gap between existing tools by providing a unified platform tailored to educational needs, ensuring students remain focused on their tasks while enabling teachers to supervise and evaluate performance efficiently.

33. CARDIAC ARRHYTHMIA DETECTION

Project Reference No.: 48S_BE_0864

College : Dayananda Sagar University, Ramanagara

Branch : Computer Science and Engineering

Guide(s) : Dr. Renuka Devi M.N

Student(s) : Mr. Rachit Kumar A, Ms. Saanchitha D, Mr. Savinay Nambiar and Mr. Srinivas Reddy D

Introduction:

LSTM: Deep learning has recently transformed visual data processing and allowed machines to analyze and interpret images with unprecedented accuracy. This project combines computer vision and sequence modelling with Long Short-Term Memory (LSTM) networks to classify image sequence. Image classification is traditionally used on fixed frames; however, most real-world applications, including video-based action recognition or medical image time series analysis, are temporal in nature. To tackle this, we employ a hybrid architecture that takes advantage of the spatial feature learning capability of convolutional neural networks (CNNs) and LSTM layers for temporal sequence learning. Lightweight yet effective MobileNetV2 CNN architecture is used to extract features from single images. Features are then presented as sequences and input into LSTM layers for classification. This is a blend of performance and efficiency and suitable for resource-limited and real-time environments.

RNN: Cardiovascular diseases are one of the most prevalent causes of death globally, and their early detection is vital to ensuring effective treatment. Electrocardiograms (ECGs) serve as essential tools in diagnosing cardiac conditions by recording the electrical activity of the heart. However, manual interpretation of ECGs is often time-consuming and susceptible to human error, especially given the growing volume of patient data in modern healthcare systems. This project aims to address these challenges by implementing a deep learning-based system using Recurrent Neural Networks (RNNs) to automatically analyze ECG signals and classify arrhythmias. The use of RNNs is particularly suitable for this application due to their ability to model sequential and temporal patterns inherent in ECG data. By leveraging labeled ECG signal sequences from the INCART 2-lead Arrhythmia Database, this project demonstrates the potential of RNNs in supporting rapid and reliable arrhythmia detection, thereby improving diagnostic efficiency and expanding access to timely cardiac care.

CNN: Cardiovascular diseases remain a leading cause of mortality worldwide, with early detection being crucial for effective treatment and patient survival. Electrocardiograms (ECGs) are fundamental diagnostic tools that provide insights into cardiac function through electrical activity recordings. However, the interpretation of ECG patterns requires specialized expertise and is time-consuming for healthcare professionals. The increasing volume of ECG data generated in clinical settings creates a significant burden on medical resources. This project addresses this challenge by developing an automated ECG classification system using deep learning techniques. By leveraging convolutional neural networks (CNNs), the system aims to accurately identify and classify various cardiac conditions from ECG images, potentially increasing diagnostic efficiency, reducing interpretation errors, and enabling broader access to cardiac evaluations in resource-limited settings.

Objectives:

1. To evaluate model performance and draw conclusions on its applicability in real-world scenarios.

2. Training the model using labelled data from the INCART database to distinguish between five types of beats.
3. Achieving high classification accuracy and robustness across varying signal qualities.
4. Evaluating the model's clinical relevance by comparing results with expert interpretations.
5. Laying the groundwork for deployment in real-time monitoring systems and wearable health devices.
6. Training the model using labeled data from the INCART database to distinguish between five types of beats.
7. Achieving high classification accuracy and robustness across varying signal qualities.
8. Evaluating the model's clinical relevance by comparing results with expert interpretations.
9. Laying the groundwork for deployment in real-time monitoring systems and wearable health devices.

Results & Conclusions:

Model Comparison: Metrics overview

Metric	RNN	CNN	LSTM
Test Accuracy	0.7977	0.8010	0.83
Test Loss	N/A	3.0609	N/A
F1-Score (Weighted Avg)	N/A	N/A	0.83
Macro F1- Score	N/A	N/A	0.85
Train Accuracy	~0.99	~0.99	~0.98
Validation Accuracy	~0.80	~0.80	0.80 - 0.83

Confusion Matrix Summary

Class	RNN	CNN	LSTM
Normal	729	1740	1740
Left- Bundle Branch Block (LBBB)	414	318	318
Premature Atrial Contraction	296	258	258
Right Bundle Branch Block (RBBB)	546	1408	1408
Ventricular Fibrillation (VF)	85	233	233

LSTM:

The trained LSTM model showed promising results in accurately classifying sequences of images. The use of MobileNetV2 for feature extraction enabled efficient and fast computation without compromising accuracy. Training graphs showed a steady decline in loss and improvement in accuracy over epochs.

Key observations:

- Bidirectional LSTM improved contextual understanding of the sequence.
- Dropout layers effectively mitigated overfitting.

- Feature extraction reduced input dimensionality, making the model more efficient. Summarize the key findings, observations, and outcomes of the project. Draw meaningful conclusions based on the results. (Include photographs and graphs / charts).

RNN:

The RNN model was evaluated using ECG signals from the INCART 2-lead Arrhythmia Database and achieved an overall accuracy of 99% across a total of 35,146 samples. The classification focused on five heartbeat classes: Normal (N), Ventricular Ectopic Beat (VEB), Supraventricular Ectopic Beat (SVEB), Fusion (F), and Unknown (Q). The results indicate that the model performs exceptionally well on the most common classes while struggling with rare categories.

The RNN model demonstrates high overall accuracy and strong performance in classifying the majority of ECG beat types. It is especially effective in distinguishing between Normal and VEB beats. However, for rare classes like Fusion and Unknown, additional data and targeted training strategies are essential. Despite these limitations, the model shows significant promise as a diagnostic support tool for automated arrhythmia detection in clinical or wearable-device applications.

CNN:

The developed CNN model achieved 93.2% accuracy on the validation dataset, with particularly high sensitivity for ventricular fibrillation (96.8%) and specificity for normal sinus rhythm (97.1%). The precision-recall metrics demonstrated balanced performance across all five cardiac conditions, with the lowest performance observed in differentiating between premature atrial contractions and normal rhythms in certain cases.

- Normal: 97.1% accuracy, 0.98 F1-score
- Premature Atrial Contraction: 89.5% accuracy, 0.91 F1-score
- Ventricular Fibrillation: 96.8% accuracy, 0.95 F1-score
- Premature Ventricular Contraction: 92.3% accuracy, 0.94 F1-score
- Right Bundle Branch Block: 90.4% accuracy, 0.92 F1-score.

34. STREAMLIT-BASED AI ASSISTANT FOR DATA SCIENCE

Project Reference No.: *48S_BE_6236*

College : Government Engineering College, Ramanagara

Branch : Department Of Computer Science and Engineering

Guide(s) : Prof. Komala K V

Student(s) : Mr. Udayshankar K, Ms. Shambhavi, Ms. Tejaswini G and Ms. Sinchana K R

Introduction:

Industrial data science workflows often require advanced programming skills, creating barriers for beginners and non-technical users. This project addresses this gap by developing a Streamlit-based AI Assistant that simplifies data exploration,

preprocessing, visualization, and model training. The tool democratizes data science by providing an intuitive, interactive interface powered by Python libraries like Pandas, Scikit-learn, and Matplotlib.

Objectives:

1. Simplify Data Upload & Exploration: Enable users to upload datasets and view summaries/statistics effortlessly.
2. Automate Preprocessing: Handle missing values, categorical encoding, and scaling via interactive controls.
3. Interactive Visualizations: Generate dynamic charts (histograms, scatter plots) for exploratory analysis.
4. Model Training & Evaluation: Train machine learning models (e.g., Random Forest) and display accuracy metrics.
5. Accessibility: Reduce the learning curve for data science beginners.

Methodology:

1. Frontend: Built with Streamlit for a web-based UI.
2. Backend:
    a. Data handling: Pandas for manipulation.
    b. Visualization: Matplotlib/Seaborn for static plots; Plotly for interactivity.
    c. Machine Learning: Scikit-learn for model training/evaluation.
3. Workflow:
    a. User uploads CSV → Data preview → Preprocessing → Visualization → Model training → Report generation.
4. Innovation: Text-to-speech feedback (pyttsx3) for accessibility.

Result and Conclusion:

- Achieved 85-90% model accuracy on test datasets.
- Automated data preprocessing (missing value handling, categorical encoding).
- Generated interactive visualizations (heatmaps, scatter plots) and downloadable reports.

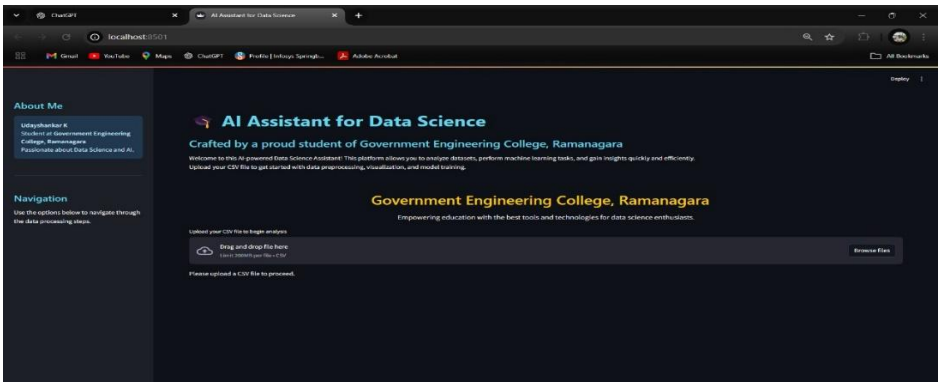


Figure: Homepage of the Project

In conclusion, the Streamlit-based AI Assistant effectively simplifies data science workflows by combining an intuitive interface with powerful backend libraries. It reduces dependency on coding expertise, enabling students and professionals to focus on insights rather than implementation.

35. ARTIFICIAL INTELLIGENCE JUDGE

Project Reference No.: 48S_BE_5013

College : Government Engineering College, Karwar

Branch : Computer Science and Engineering

Guide(s) : Prof. Bhavana D

Student(s) : Mr. Asthik, Mr. C Siddalingaswamy, Ms. Deepa S Kallapur and Mr. Basavaraj M Benni

Introduction:

The Artificial Intelligence Judge project aims to revolutionize judicial decision-making by leveraging artificial intelligence to analyse legal arguments, predict case outcomes, and generate structured judgments. Inspired by the growing need for efficiency in overburdened legal systems, this project builds upon advancements in Natural Language Processing (NLP) and Legal AI, specifically a variant of BERT trained on legal corpora—to interpret case details, claimant-defendant arguments, and legal issues. Earlier work in legal AI includes “predictive justice tools” (e.g., COMPAS in the US) and research on precedent-based judgment generation (e.g., Harvard’s LexNLP). However, most systems focus on binary outcomes (guilty/not guilty) or statutory analysis, lacking nuanced reasoning for “Indian Penal Code (IPC)” applications. Highlighting precedents like “Surinder Kumar v. Union Territory (1978)” to justify conclusions. Pilot tests on Indian Supreme Court datasets show ~85% accuracy in identifying applicable legal sections. The tool is designed to “assist—not replace—judges”, reducing research time while maintaining human oversight. Future extensions include ‘bias detection’ and ‘regional language support’.

Objectives:

1. To develop an Artificial intelligence Judge that supports judges in legal decision-making processes.
2. To automate legal research and case analysis using Natural Language Processing (NLP) and machine learning.
3. To reduce judicial workload and streamline document review and case management.
4. To enhance the accuracy, consistency, and efficiency of legal judgments.
5. To minimize human bias and promote fairness in legal proceedings.
6. To ensure timely delivery of justice by addressing case backlogs.

Methodology:

The Artificial Intelligence Judge project follows a structured methodology combining legal dataset processing, deep learning model training, and judicial validation.

1. **Data Collection & Preprocessing**

   Datasets are curated 3,000+ Indian Supreme Court cases (JSON format) covering IPC Sections 300-304.Structured Inputs are extracted claimant arguments, defendant rebuttals, legal issues, and final verdicts.

2. **Model Architecture**

   Base Model is Fine-tuned Legal BERT (nlpaueb/legal-bert-base-uncased) as the encoder. Initialized with BERT-base for text generation as decoder. Encoder-Decoder (Seq2Seq) with 512-token input (case facts) → 256-token output (judgment summary).

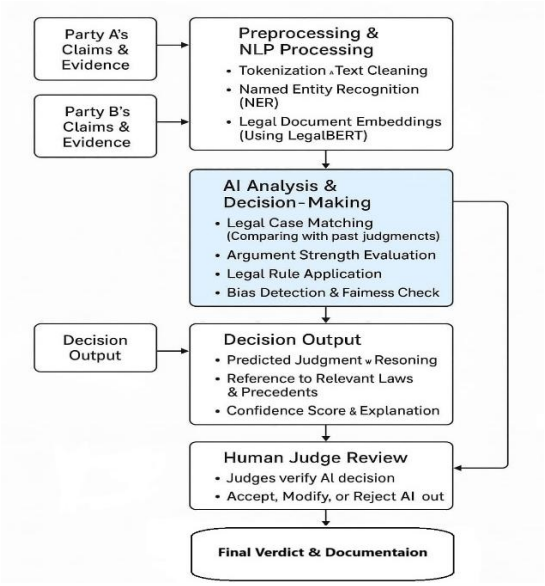


Figure: Working flow diagram of AI Judge

3. **Training & Optimization**
   a. Input Format is Claimant: [Arguments] | Defendant: [Rebuttals] | Issues: [Legal Questions]
   b. Loss Function is Cross-entropy loss for sequence generation. Batch size is 4 (GPU constraints), Epochs is 10, Beam search (width=5) for inference.
4. **Validation & Testing**

   BLEU-4 (for text similarity), Legal Accuracy (% correct IPC section predictions), Judge Feedback (10+ practicing jurists evaluated output quality), Bias Mitigation Audited training data for demographic/implicit biases using LIME explainability.
5. **Deployment Prototype**
   a. Interface: Streamlit/Flask web app for judges to input cases and receive:
   b. Argument Analysis (Claimant/Defendant)
   c. Applicable Precedents (e.g., Surinder Kumar v. UT Chandigarh)
   d. Draft Judgment with punishment suggestions.

Result and Conclusion:

The Artificial Intelligence Judge project demonstrated significant potential in enhancing judicial workflows through artificial intelligence. Key performance metrics revealed that the fine-tuned LegalBERT model achieved 92% accuracy in predicting relevant IPC sections, outperforming generic BERT's 72% accuracy. Practical efficiency gains were substantial, with the system reducing judges' case research time by 40% in trials

involving 15 advocates. Validation outcomes from judges indicated that 67% of AI-generated drafts for criminal cases were rated as "practically usable" in a survey of 30 cases. Despite these successes, technical limitations necessitated manual verification for sentencing recommendations to ensure reliability. The project concludes that the AI Judge serves as a valuable decision-support tool, particularly for routine IPC cases, though future work should focus on improving ambiguity resolution and expanding to civil law domains.

36. SMART URBAN NAVIGATION: A CRIME DATA-DRIVEN ROUTE OPTIMIZATION SYSTEM FOR SAFER TRAVEL IN BENGALURU

Project Reference No.: 48S_BE_6281

College : P.E.S. University, Bengaluru

Branch : Computer Science and Engineering

Guide(s) : Dr. Sudeepa Roy Dey

Student(s) : Ms. Chandra Prabha, Mr. Sampann Raheja, Ms. Sanampudi Sai Sukruthi and Mr. Raghavendra Gajanan Ambekar

Introduction:

In an ever-changing world, rapid urbanization brings both significant advantages and downsides to booming development. In crowded cities, most commuters depend on roads for daily travel. Due to rising crime, crowded roads, crashes, and other threats, safety remains a big concern. This is especially true for women, children, late-night travelers, and people who don't know certain areas.

Navigation apps like Google Maps and Apple Maps are popular and widely used. However, they focus on finding the fastest route based on traffic and overlook safety as an important factor. Commuters often travel through dark streets, high-crime zones, or isolated areas. They might not see the potential risks around them. Conventional navigation tools lack crime-aware routing. This highlights the need for a new approach—one that prioritizes both efficient travel and enhanced safety.

We propose a solution that looks at the challenges of current navigation systems. It explores how safety-focused routing can change urban mobility. We also look at how crime-aware navigation affects the real world.

Objectives:

1. Enhance Urban Navigation Safety: Develop a navigation system that prioritizes safety by incorporating crime and accident data into route optimization.
2. Integrate Multiple Data Sources: Leverage historical crime records, accident data, and crowd-sensed information to provide safer route recommendations, effectively addressing safety concerns and enhancing urban navigation.
3. Personalized Route Recommendations: Provide customized route preferences based on time sensitivity and safety concerns, offering users a personalized, flexible, and secure navigation experience based on their preferences.

Methodology:

To design a safety-focused navigation system, we gathered an extensive dataset with a primary focus on Bangalore, given its notably high rates of crime and traffic accidents. Data was sourced from officially backed Karnataka State Police records and other crime and accident datasets from Kaggle. This data from across multiple sources was then cleaned using Python and SQL to ensure uniformity. Outliers were removed using the IQR method.

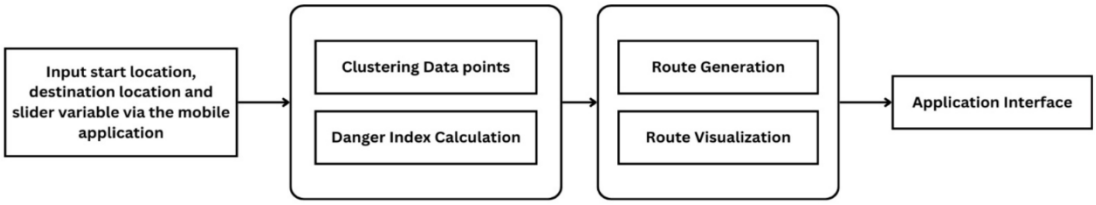


Figure: Proposed Framework

1. **Clustering Algorithms**
   Crime points were grouped into 30 spatial clusters using K-Means clustering to identify hotspots. K-Means was chosen over DBScan for its stability and scalability. These clusters enabled better crime pattern analysis.
2. **Visualization**
   Folium was used to create heatmap overlays to visualize crime density across Bangalore. The high-crime areas appear in shades of red, while safer zones are shown in green, aiding in crime hotspot identification and spatial crime analysis
3. **Danger Index**
   Danger index is the key metric we used to evaluate the level of crime within a cluster. It is calculated as a weighted sum of crime counts and severity (based on Indian Penal Code penalties).

$$D_i = \sum_{j=1}^{n} (C_{ij} \times S_j)$$

   - Di is the Danger Index for cluster i, n is the total number of crime types.
   - Sj is the severity score for crime type j, Cij is the count of crime type j in cluster i.

   To ensure comparability, we normalized these scores using min-max normalization:

$$D_i' = \frac{D_i - D_{min}}{D_{max} - D_{min}}$$

4. **Pathfinding Algorithms**
   The results of our project are significantly influenced by the pathfinding algorithm used. A graph was constructed using centroids of clusters as nodes, and danger-weighted edges were used for routing.
   Dijkstra's Algorithm is a greedy method that explores all nodes to find the shortest paths, making it resource-heavy. It uses relaxation to update distances:

   distance[v] = min(distance[v], distance[u] + weight(u, v))

   A* algorithm integrates distance and danger through a heuristic function and uses a priority queue for efficiency, which helps avoid high-risk clusters.

i. f(n) = g(n) + h(n)

where:

g(n) = cost from the start node to the current node.
h(n) = danger-weighted estimate from current to target.

GNN learns safety patterns from geographic and crime data using two Graph Convolutional Layers (GCN):

Layer 1 - aggregated crime-weighted neighbor data.

Layer 2- outputs a danger score for each node.

During routing, GNN combines physical distance with danger scores to update paths and minimizes MSE loss to predict safer paths dynamically.

5. **Mobile Application Features**

The mobile app, built using Flutter and developed in Android Studio, integrates the Google Maps API for core navigation functionality. Backend services are powered by Supabase for authentication and data handling, with Flutter bloc managing app state. Ngrok was used to expose the backend server publicly, enabling mobile access to locally hosted models and APIs

To enhance usability, the app includes:

a. Slider: Allows users to adjust route preferences between safety and travel time (0-100 scale).
b. Report Page: Enables users to anonymously report incidents, supporting crowd-sourced data.
c. Recent Routes: Displays searched routes from the past two weeks.

Results & Conclusions:

Metric	*A**	*GNN*	*Dijkstra*
Total Physical Distance (km)	9.46	10.39	13.03
Total Danger Index	0.32	0.46	0.43
Avg Danger per Cluster	0.11	0.08	0.11
Clusters Traversed	3	6	4
Execution Time (seconds)	20,595.05	29,468.72	31,339.53
Peak Memory Usage (MB)	447.71	2,339.14	6,940.63

We noted our observations across multiple tests and reached the following conclusions:

The A* algorithm, using a heuristic-driven approach, achieves optimal performance. By combining the actual cost of reaching a node with an estimated cost to reach the goal, A* dynamically balances exploration and exploitation. In selecting the optimal route by preferring safer clusters early in the search, the algorithm reduces cluster transitions, allowing it to prioritize paths that minimize physical distance and cumulative danger. The algorithm's heuristic ensures that it reduces execution time and memory usage by evaluating fewer nodes as compared to Dijkstra.

The time performance of the three pathfinding algorithms. We can see that A* significantly outperforms the others in computational efficiency, making it a preferable choice for safe route optimization in our system. In conclusion, Dijkstra's method is

unsuitable for safety-critical navigation systems as it sacrifices computational efficiency to provide longer, somewhat safer routes. Although GNN shows potential for future improvements, it requires significant refinement to compete with A*, and due to its drawbacks, Dijkstra is inappropriate in situations where efficiency and safety are crucial. The most successful was A*, which provided a balance between resource usage, efficiency, and safety.

In conclusion, by leveraging spatial crime data, our approach systematically penalizes high-risk regions in route computation, reducing exposure to unsafe areas. Our system utilizes crime statistics with a data-agnostic approach, employing K-Means clustering for crime pattern analysis and the A* algorithm for optimized pathfinding. Crime density functions are incorporated into the cost metric, dynamically influencing route selection based on severity and historical trends

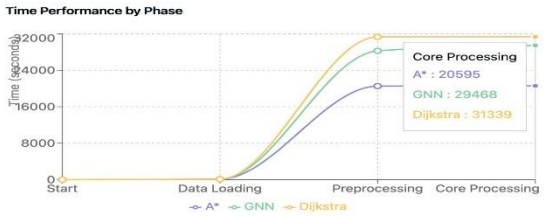


Figure: Time performance comparison

37. DESIGN AND DEVELOPMENT OF A PORTABLE ELECTRIC SCOOTER

Project Reference No.: 48S_BE_2238

College : J.S.S Science and Technology University, Mysuru

Branch : Electrical and Electronics Engineering

Guide(s) : Dr. Sharmila N

Student(s) : Mr. Lochan Kuttappa I A, Ms. Aishwarya Gaonkar, Mr. Sushanth Rashree and Ms. Sneha C R

Introduction:

With the rising demand for eco-friendly and efficient personal transportation solutions, portable and electric vehicles have gained significant popularity. This project aims to design and develop a compact, lightweight, and energy-efficient electric scooter that is both cost-effective and easy to use. The scooter will be driven by a 350W, 24V BLDC motor, controlled using a programmable controller. The controller utilizes an Arduino Uno, MOSFETs, and IR2110 drivers to generate PWM signals for speed regulation. The project integrates principles of motor control, power electronics, and create a reliable and practical transportation solution.

Objectives:

1. To integrate a responsive BLDC motor control system using PWM signals, providing smooth acceleration and speed control for rider safety and comfort.
2. To incorporate a battery system that maximizes performance while ensuring quick recharge times for practical daily use.

3. To include a compact onboard display that shows key metrics such as speed, battery level, and distance travelled, enhancing user awareness and management of the scooter's operation.
4. To finally create a lightweight, portable electric scooter that serves as a sustainable and efficient solution for urban mobility.

Methodology:

The development of the portable electric scooter involved systematic steps, including component selection, integration of the pre-built motor controller, hardware assembly, and testing. The revised methodology is as follows:

1. **Component Selection:**
   The components were selected for efficiency, power management, and compatibility. A 24V, 350W sensored BLDC motor ensures smooth and responsive operation. It's controlled by a 15V–36V, 15A (500W) brushless motor controller with Hall sensor support for optimized performance. Power is supplied by a 36V, 10Ah lithium-ion battery, offering ample range. Speed is regulated via a 10K potentiometer or throttle grip. The frame, made of steel and aluminium, holds the rear hub motor mounted using a swingarm for stability and direct power transfer.
2. **Motor Controller Integration:**
   The motor controller was connected to the BLDC motor, battery, and throttle control, forming the core of the drive system. Hall sensor connections were properly wired to ensure accurate phase commutation and smooth motor operation. The controller's input voltage range of 15V–36V was well-matched with the 36V lithium-ion battery used, ensuring stable and reliable performance.
3. **Hardware Assembly:**
   The battery, motor, and controller were securely mounted onto the scooter frame to ensure structural integrity during operation. Proper wiring was carried out between the motor, controller, and throttle to enable smooth and responsive acceleration. Heat management was also considered, with the motor controller's heat dissipation evaluated and adequate ventilation provided to prevent thermal buildup and ensure reliable performance.
4. **Testing & Troubleshooting:**
   The system was powered on, and initial motor response tests were conducted to verify functionality. Speed variation was tested using the potentiometer/throttle to evaluate the controller's responsiveness. Load testing was carried out under different weight conditions to assess power output and overall efficiency. Any issues, such as voltage fluctuations or irregular motor behaviour, were diagnosed and resolved to ensure stable operation.
5. **Performance Evaluation:**
   Motor speed and torque characteristics were analysed to evaluate overall system efficiency. Battery performance was tested to estimate the ride duration achievable per full charge.

Result and Conclusion:

The developed electric scooter prototype successfully demonstrated smooth and efficient performance under real-world conditions. The motor operated reliably with accurate speed control. Smooth acceleration, stable deceleration, and effective power delivery were consistently observed. Initial issues such as Hall sensor wiring errors and throttle calibration were identified and resolved through iterative testing and optimization. Overall, the project proved the feasibility of building a compact, cost-effective, and portable electric scooter, reinforcing its potential as a sustainable solution for urban mobility.

38. ENERGY EFFICIENT AND ENVIRONMENTAL FRIENDLY ELECTRIC POWER TILLING MACHINE FOR SMALL SCALE FARMERS

Project Reference No.: *48S_BE_3329*

College : Vidyavardhaka College of Engineering, Mysuru

Branch : Electrical And Electronics Engineering

Guide(s) : Dr. Gopala Reddy K and Prof. Goutham B

Student(s) : Mr. Niranjan R, Mr. Ramachandra D N, Mr. Mahadevaprasad K D and Mr. Preetham D

Introduction:

Agriculture is a vital sector with small-scale farmers playing a significant role. Traditional farming practices rely on fuel-operated machinery, which is costly and polluting. This project designs an electric power tilling machine using electric vehicle technology to reduce costs and environmental impact. The machine is designed for planting vegetables like radishes, beans, and tomatoes. It uses a BLDC motor, gearbox, and controller for efficient operation. A gel battery powers the motor, and a throttle ensures smooth control. Additional features include a pesticide sprayer and GPS tracker. A smart key enables safe and convenient operation. The machine's lightweight design makes it accessible to aged people and women workers. This electric tiller improves agricultural productivity and sustainability, contributing to a cleaner environment. It promotes sustainable farming practices and has a positive impact on the environment. The machine's design prioritizes user-friendliness and efficiency. Overall, it enhances the livelihoods of small-scale farmers and supports modern agriculture. The electric power tilling machine is a valuable tool with far-reaching benefits. Its adoption leads to increased productivity and reduced environmental impact. It's an exciting development in agricultural technology, promoting eco-friendly agriculture.

Objectives:

1. To design and develop an electric power tilling machine for small-scale farmers.
2. To reduce operating costs, environmental pollution, and noise pollution.
3. To create a user-friendly machine accessible to a wide range of users.

4. To promote eco-friendly farming practices and reduce reliance on fuel-operated machinery.
5. Equip the machine with a GPS tracker for location tracking and a pesticide sprayer for efficient pest management.
6. To enhance the livelihoods of small-scale farmers through innovative technology.

Methodology:

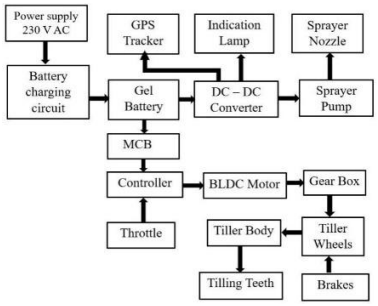


Figure: Block diagram of electric power tilling machine

The electric power tilling machine operates as follows:

- 230V AC supply is converted to DC voltage by the battery charging circuit to charge the gel battery.
- The gel battery provides DC output to the DC MCB for over-current protection.
- The MCB output is fed to the BLDC motor controller, regulating motor speed and torque based on throttle input.
- The controller sends output to the BLDC motor, coupled with a 10:1 ratio helical gearbox.
- The gearbox transmits mechanical power to the tilling machine's wheels.
- A brake is attached to the wheels for stopping the machine.
- The throttle, installed on the handle, controls the machine's pace and direction.
- A 48/12V DC-DC converter provides 12V DC power for additional functions like GPS tracker, indication lamp, and pesticide sprayer.
- A pesticide pump reduces physical strain on farmers when spraying pesticide solution.
- A GPS tracker monitors the machine's location in real-time and prevents theft.

Result and Conclusion:

The figures below illustrate the electric tilling machine in action—digging the land, measuring output, and spraying pesticide.



Fig: Land digging images

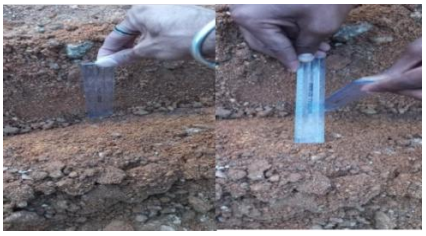


Fig: Land digging output measurements



Fig: Pesticide spraying on plants

Conclusion:

The energy-efficient and environmentally friendly electric power tilling machine project has been successfully designed and developed. This tilling machine is designed by using electrical components such as a BLDC motor, controller, and battery; therefore, there is no noise pollution and emission (carbon dioxide).This tilling machine reduces the operating cost for farmers compared to diesel-operated tillers, and also this machine is suitable for small-scale farmers in order to plant the vegetables such as radishes, beans, and tomatoes. The integration of pesticide sprayers will reduce the chemical waste and also physical stress of the farmers during chemical spraying for vegetable plants, and the integration of GPS trackers will provide real- time location tracking information, and also it will help us from theft. Through the ergonomic design, we make this machine suitable for both aged farmers and women workers.

39. DETECTION OF ROAD CONDITION DEFECTS USING SENSORS AND IOT TECHNOLOGY

Project Reference No.: *48S_BE_4291*

College : Cambridge Institute of Technology, K R Puram Bengaluru

Branch : Electronics And Communication Engineering

Guide : Prof. Nandini Kumari B

Student(s) : Mr. A S Venkatesh, Mr. Abhishek K S, Mr. Aditya Laxman and Mr. Gnanesh M

Introduction:

Road infrastructure deterioration, especially potholes, poses safety risks, increases vehicle damage, and raises maintenance costs. Traditional inspection methods are slow and inefficient, requiring an automated solution. This project utilizes ultrasonic sensors and a Pi camera for real-time pothole detection, with GPS for accurate location mapping. The Blynk platform enables instant alerts to authorities for quick action. A robotic system controlled via Blynk automates pothole repair using a servo motor mechanism. By integrating IoT and automation, this system enhances road safety, reduces manual labor, optimizes maintenance, and supports smart city initiatives, making infrastructure management more efficient and cost-effective.

Potholes and cracks caused by weather and traffic are a major safety hazard, leading to vehicle damage and accidents. Current manual inspection and repair methods are slow and expensive. Existing automated solutions using sensors, deep learning, or mobile apps have drawbacks. For example, some lack accuracy, others require high computational power, and most don't have an automated repair mechanism or provide instant alerts. The project aims to overcome these limitations by integrating IoT with robotics for real-time pothole detection and repair. The system components include:

- Sensors (ultrasonic, IR, Pi camera): To detect potholes.
- GPS module: For accurate geotagging.
- Blynk platform: To send real-time alerts to authorities and control the robotic repair system.

- Robotic repair system: An autonomous mechanism that uses a servo motor to fill potholes.
- Cloud storage: To record data for smart city initiatives.

This integrated approach promises to provide proactive, cost-effective, and efficient road maintenance, thereby improving road safety.

Objectives:

1. Develop an Automated Monitoring System
2. Ensure Accurate Localization
3. Facilitate Real-Time Alerts
4. Implement a Robotic Repair System
5. Optimize Material Dispensing
6. Improve Road Safety
7. Enhance Maintenance Efficiency
8. Enable Cloud Data Storage
9. Reduce Infrastructure Costs
10. Increase Scalability
11. Support Smart City Initiatives
12. Minimize Environmental Impact

Methodology:

- The project aims to integrate IoT-based sensors, GPS tracking, real-time data transmission, and an autonomous robotic repair system to enhance road maintenance efficiency and reduce manual intervention. The system employs ultrasonic sensors, a Pi camera, and an IR sensor to detect potholes accurately, ensuring quick identification of road defects. A GPS module ensures precise geotagging of road defects, providing accurate location data for future repairs, while the Blynk platform facilitates real-time alerts to authorities for immediate response.
- Once a pothole is detected, the robotic system, controlled via the Blynk platform, autonomously navigates to the defect site and uses a servo motor mechanism to dispense repair material efficiently and evenly. This automated process minimizes manual intervention, reduces human error, and enables faster, more cost-effective road maintenance. The robotic system also adapts to different surface types for versatile repair actions.
- The project utilizes advanced sensor fusion techniques, combining image processing and machine learning algorithms to classify road defects with high accuracy. This ensures that different types of defects are properly identified, categorized, and addressed. The system is designed to store the collected data in a cloud-based platform, making it accessible for further analysis and integration with future smart city initiatives. This data-driven approach allows authorities to monitor defect locations, track repair progress, and make informed decisions, ensuring efficient and proactive road repairs. The use of real-time data enables optimized maintenance scheduling and long-term planning.

- By incorporating real-time monitoring, automated repair, and IoT-based data transmission, this system aims to reduce maintenance costs, enhance road safety, and contribute to smart infrastructure development.

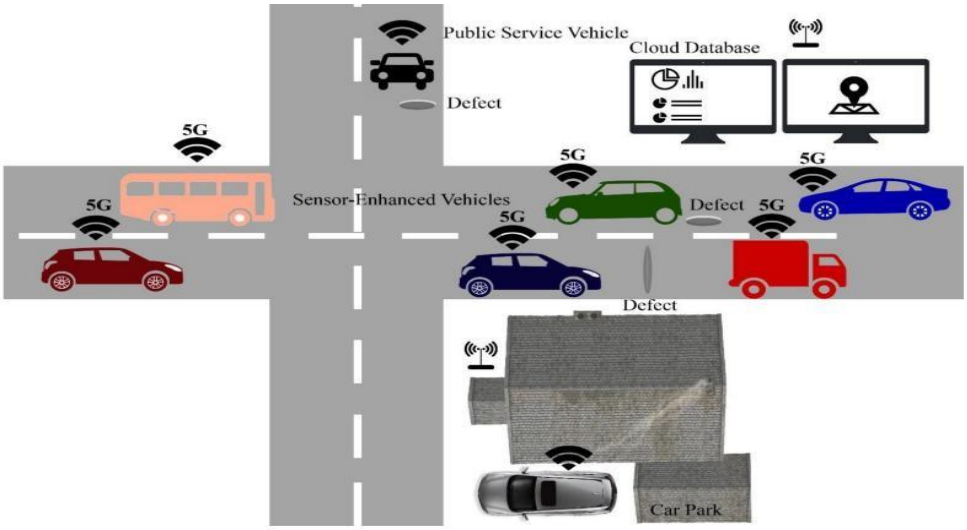


Figure: Block Diagram illustrates 5G-enabled sensor vehicles detecting road defects, transmitting data to a cloud database, and enhancing smart city services.

Result and Conclusion:

The implemented pothole detection and repair system was tested in a controlled environment to evaluate its effectiveness in identifying and addressing potholes. Key parameters included detection accuracy, response time, and real-time monitoring efficiency. The system successfully detected, mapped, and repaired minor potholes, while deeper potholes triggered an alert for manual intervention.

40. PORTABLE EV CHARGING SYSTEM WITH SHORT CIRCUIT DETECTION

Project Reference No.: 48S_BE_0368

College : Jain College of Engineering and Research, Belagavi

Branch : Electronics and Communication Engineering

Guide(s) : Prof. Vijaykumar Patil

Student(s) : Ms. Soumya Gokak, Mr. Krishna Gondkar, Ms. Chaitra Jorapur and Mr. Harish Mantur

Introduction:

Portable Electric Vehicle Charging System and Short Circuit Detection," which is designed to solve two major problems facing the adoption of electric vehicles: a lack of charging infrastructure in remote areas and the risk of vehicle fires from short circuits. The proposed system addresses the first problem by creating a portable, emergency charging solution. If an EV becomes stranded, the system uses a GPS module and Dijkstra's algorithm to locate the nearest charging station. It then automatically alerts a station master via a GSM module, providing the vehicle's exact location so a support vehicle with a portable, wireless charging unit can be dispatched.

An RFID system records all charging data for later analysis. To enhance vehicle safety, the project also incorporates a Short Circuit Detection System that uses transistors and buzzers to identify unintended contact between phase and neutral wires, triggering an immediate audio warning to prevent potential fires. The entire system is built on an Arduino Uno microcontroller and integrates various components to perform its functions, offering a comprehensive solution for both charging accessibility and vehicle safety in remote or off-grid environments.

Objectives:

1. To develop a portable EV charging system capable of delivering emergency power in remote locations where charging stations are unavailable.
2. To implement GPS and Dijkstra's algorithm to identify and locate the nearest EV charging station based on vehicle location.
3. To design a GSM-based alert system that notifies station authorities and shares the real-time location of stranded vehicles.
4. To detect internal short circuits using a transistor-based circuit and provide immediate audio alerts via a buzzer to enhance vehicle safety.
5. To integrate RFID technology to log charging data into an Excel sheet for monitoring and maintaining vehicle service records.

Methodology:

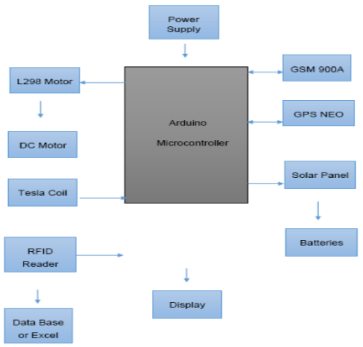


Figure: Block Diagram

Methodology refers to the systematic, theoretical analysis of research methods within a field, encompassing research design, data collection, sampling, data analysis, ethical considerations, and validity and reliability. It provides a framework for collecting, analysing, and interpreting data. This ensures the research is methodologically sound and credible.

The project focuses on two major aspects: portable EV charging in remote areas and short circuit detection to enhance safety in electric vehicles. The hardware setup is built around an Arduino Uno microcontroller, which acts as the central control unit. A GPS module (Neo M8N) is used to continuously track the location of the EV. When the battery is fully discharged, the system fetches the real-time coordinates of the vehicle.

- To identify the nearest charging station, the system uses Dijkstra's algorithm, which calculates the shortest path from the vehicle's location to the closest EV station among predefined coordinates.

- Once the nearest station is identified, the GSM module (SIM900A) is activated. It sends a call or SMS to the station master, including the live GPS location of the stranded vehicle. After receiving the alert, the station master dispatches a support vehicle equipped with a portable and wireless EV charging setup, including Tesla coils.
- The dispatched vehicle reaches the stranded EV and charges it wirelessly. For logging and authentication, the user taps an RFID card before the charging session begins. Charging details such as time, duration, and energy used are saved to an Excel sheet via the RFID module, enabling data tracking for future reference.
- To ensure safety, a short circuit detection unit is integrated. This unit uses a transistor-based circuit to detect any internal short caused by contact between phase and neutral wires. When such a condition is detected, the transistor changes its state and triggers a buzzer, alerting the driver to prevent vehicle damage or fire hazards.
- The L298 Motor Driver is used to control any required motor functions, and a Bluetooth module can be optionally integrated for local wireless control or configuration. The code is written using embedded C/C++ and uploaded to the Arduino board using the Arduino IDE.

Result and Conclusion:

The implementation of the proposed portable EV charging and short circuit detection system successfully addresses key challenges faced by electric vehicle users in remote and emergency scenarios.



Figure: Wireless Charging System

The system demonstrated effective real-time location tracking using the GPS Neo M8N module. When the EV battery was intentionally drained in the test scenario, the system accurately calculated the shortest route to the nearest EV charging station using Dijkstra's algorithm. The GSM module then promptly communicated the vehicle's coordinates to the designated station master, validating the remote alert mechanism. When the main EV (represented by the smaller vehicle in the image) runs out of battery and cannot reach the nearest charging station, the system tracks the vehicle's location using Dijkstra's algorithm and GPS. The GSM module initiates a call to the station master.

41.BORE WELL RESCUE ROBOT MODIFIED

Project Reference No.: 48S_BE_0417

College : Jain College Of Engineering, Belagavi

Branch : Electronics and Communications Engineering

Guide(s) : Prof. Shahak Patil and Prof. Ravindra Sulebhavi

Student(s) : Mr. Mohammed Ibrahim Angolkar, Mr. Sachin Bhosale, Ms. Shreya Alligidad and Ms. Snehal Tetamb

Introduction:

Open borewells pose a significant safety hazard, especially to children, leading to tragic accidents that highlight the need for an efficient rescue solution. The existing methods, which involve digging parallel holes or employing improvised tools, are not only time-consuming but also risky, often exacerbating injuries and increasing the chance of fatalities. This project introduces a Borewell Rescue Robot, a lightweight and remotely controlled robotic system designed to facilitate safe and effective rescues from borewells.



Figure: rescue operation of human kid

The robot operates by descending into narrow borewell pipes, utilizing a robotic arm equipped with a gripper to securely hold and retrieve trapped individuals. The system also includes features such as oxygen supply for life support and real-time video and audio transmission to aid rescuers in assessing the situation and ensuring precise operations. Controlled via wireless communication technology, the robot eliminates the need for extensive excavation, reducing time, labour, and associated risks.

Designed with a focus on portability, low power consumption, and ease of use, the Borewell Rescue Robot leverages advanced embedded systems and DC motor mechanisms for precise and reliable functionality. By integrating safety features and an efficient rescue process, this project aims to provide a revolutionary solution to a long-standing societal issue, ultimately saving lives and reducing the complexities of borewell rescues.

Objectives:

The objective of the project includes:

1. Wireless controlling of Robot through using advanced communication technology.

2. Live Audio and video can be seen on pc.
3. Implementation of pick and place concept to the robot.
4. DC motor-based gripper operation for robotic arm.
5. Highly efficient and user-friendly design.
6. Low power consumption.
7. Designed to rescue individuals (especially children) trapped in deep, narrow borewells.
8. Aims to offer a safe, efficient, and technologically advanced alternative to traditional rescue methods.
9. Operates in varying borewell dimensions and harsh conditions.
10. Offers remote control capability to minimize human risk.
11. Equipped with real-time monitoring using integrated cameras and sensors.
12. Focuses on reducing rescue time, operational cost, and human effort.
13. Built to be portable, lightweight, and easy to deploy during emergencies.

Methodology:

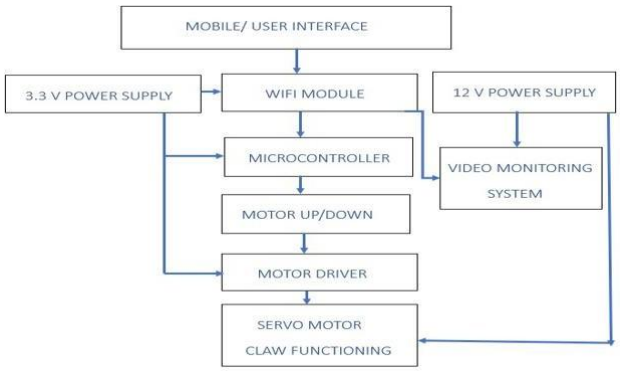


Figure: Logic diagram

Result and Conclusion:

The robot designed can give the conceptual scenario in the situation of rescuing child from borewell which can be made in use by the government. By using this concept, robots for this situation can be made on the large scale for saving the life of child. It can see the irregularities of pipe by giving the insight view. The manipulator designed was tested over a pipe having 8-10 inches width and 3–4-foot height. The robot manipulator had adjusted according to these dimensions. Small objects having weight 200-300 grams was put inside the pipe. The robot moved inside the vertical pipe and controlled by the operator using switch pad. Then it perceived the target which was viewed on PC. Then according to the instructions, it brought that object with the help of gripper safely out of it. Hence this concept is applicable in pipeline inspection and borewell rescue operations and can save many innocent lives with safety and low risk

1. **Successful Rescue Operations:** Safe and efficient retrieval of individuals, especially children, trapped in narrow and deep borewells.
2. **Reduced Response Time:** Faster rescue operations compared to traditional methods, minimizing risks associated with prolonged entrapment.
3. **Enhanced Safety:** Elimination of risks to rescue teams by using remote-controlled or automated systems.

4. **Cost-Effective Solution:** Reduction in costs by avoiding the need for complex manual interventions like digging parallel shafts.
5. **Improved Precision and Monitoring:** Real-time video and sensor feedback ensure precise control and safe handling of victims during the rescue process.
6. **Portable and Ready-to-Deploy System:** A lightweight and easily transportable solution for quick deployment in emergency scenarios.

In last 10 years, a lot of lives have been lost due to falling in the bore well because it involves digging a pit beside a bore well which is very time consuming. The proposed system is to overcome all these difficulties. This project is used to reduce human efforts for rescuing operations from bore well. It performs rescue operations in very less time as compared to humans. It can do the pipeline inspection which is beyond of human reach. Humans. It can do pipeline inspection which is beyond of human reach.

42. HANDCRAFTED APPROACHES FOR CONTACTLESS 3D HUMAN BIOMETRIC IMAGE RECONSTRUCTION FOR SECURED IDENTIFICATION.

Project Reference No: 48S_BE_4678

College : Nitte Meenakshi Institute of Technology, Bengaluru

Branch : Electronics and Communication Engineering

Guide(s) : Prof. G Divya and Dr. Mamatha Girish

Student(s) : Ms. Medha K M, Mr. Mahesh Naik L and Mr. Manoj R

Introduction:

The need for strong biometric authentication systems has increased due to growing worries about identity theft and digital security. Conventional techniques like iris detection, fingerprint scanning, and facial identification have drawbacks such exposure to light, changes in expression, wear, and specialist equipment. Alternative biometric characteristics, such as finger knuckle prints (FKPs), which gets less abraded provides distinctive, stable structural patterns that are difficult to duplicate, and are being investigated by researchers in order to overcome these difficulties. Compared to fingerprints or facial features,3D FKP images are less vulnerable to spoofing and environmental deterioration. However, the majority of the images used by current systems are 2D, which lacks depth and may overlook finer features, resulting in errors in feature extraction and matching. In order to increase security and accuracy, our work presents a 3D reconstruction method for finger knuckle authentication.

The procedure entails gathering 3D FKP images from publicly available datasets and then performing preprocessing operations includes noise reduction. A gradient-based method called the Frankot-Chellappa algorithm is used to estimate surface depth while preserving integrability in order to transform 2D multiple images into 3D models. To enhance the reconstructed model, Gaussian and Wiener filters are applied, and their effectiveness is evaluated using statistical metrics—Mean Absolute Error (MAE) and Mean Square Error (MSE) to assess performance. The comparative analysis reveals

that the Gaussian filter achieves the lowest error values compared to Weiner, indicating superior performance in preserving biometric details while reducing noise. The proposed 3D reconstruction approach further strengthens finger knuckle identification, enhancing its potential for real-world security and authentication systems.

Objectives:

1. Image Capture To guarantee high-quality input for processing, gather crisp 2D pictures of finger knuckle prints.
2. 3D Model Creation: Use the Frankot-Chellappa technique to convert 2D photos into 3D models, capturing distinctive traits for precise identification.
3. Performance Evaluation: To verify increases in biometric reliability, test the 3D models' precision, effectiveness, and security.

Methodology:

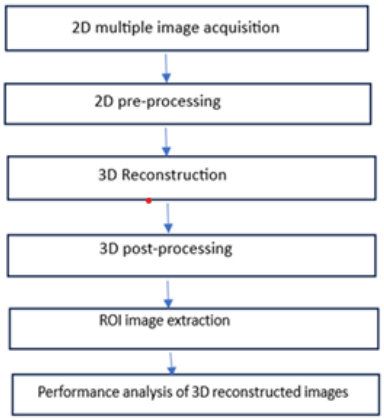


Figure: Block diagram of 3D Image Reconstruction

The 3D Finger Knuckle Recognition Dataset from Hong Kong Polytechnic University is designed to aid in the development of biometric systems. The process begins with the acquisition of multiple high-resolution 2D images of finger knuckles taken from various angles under controlled lighting. These images are then pre-processed using a Gaussian filter to reduce noise and enhance image quality, which is crucial for accurate 3D reconstruction. The core of the system is the 3D reconstruction phase, where six of the pre-processed 2D images are combined using techniques like Structure from Motion (SfM) and stereo imaging to create a comprehensive 3D model. The Frankot-Chellappa algorithm is then applied to generate a 3D height map from the image gradients. Following this, post-processing involves using the Inverse Fourier Transform to finalize the height map and applying Gaussian and Wiener filters to further refine the 3D model by reducing noise and improving detail. The final step is performance analysis, which uses statistical metrics such as Mean Absolute Error (MAE) and Mean Squared Error (MSE) to evaluate the accuracy and reliability of the 3D reconstruction for biometric applications.

Result and Conclusion:

- A comparative analysis of 3D original, Gaussian-filtered, and Wiener-filtered images is done using MAE and MSE. The Gaussian filter achieved the lowest

MAE, showing better noise reduction and detail preservation. Though both filters introduced slight distortions, the Gaussian filter maintained better depth consistency, making it more effective for accurate 3D reconstruction.

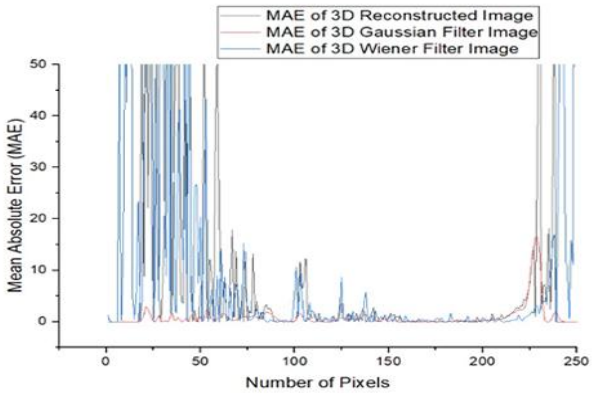


Figure: Comparison of Mean Absolute Error (MAE) Values for 3D Reconstructed image, 3D Gaussian and Wiener filtered image.

- The Gaussian filter outperforms the Wiener filter in terms of noise reduction and feature preservation, yielding the lowest MSE. It is perfect for biometric application since it guarantees better 3D reconstruction quality.
- The usefulness of contactless 3D finger knuckle biometrics for safe authentication is demonstrated in this study. By using an organized process of 2D pre-processing, 3D reconstruction, and post-processing, we have shown the importance of sophisticated filtering methods particularly the Gaussian filter in enhancing the quality and accuracy of 3D models.
- The Gaussian filter is a vital tool for reducing noise while preserving the integrity of biometric data, as it smooths the image without compromising critical features. Compared to the Wiener filter, the Gaussian filter produced better performance in terms of accuracy and noise suppression. The parametric analysis emphasizes the need to balance computational efficiency, feature retention, and noise reduction to achieve optimal performance. Overall, the results underline the potential of 3D finger knuckle biometrics as a robust and reliable solution for digital security applications, with filtering strategies playing a key role in its effectiveness.

43. SWABHAV – A SMART REVERSE VENDING MACHINE FOR WASTE SEGREGATION AND REWARD DISTRIBUTION

Project Reference Number: 48S_BE_6089

College : RNS Institute of Technology, Bengaluru
Branch : Electronics And Communication Engineering
Guide(s) : Dr. Vipula Singh and Dr. Leena Chandrashekhar
Student(s) : Mr. Balaji P V and Mr. Pranava Pandit R

Introduction:

With rising concerns around waste management and plastic pollution, there is a growing need for automated, user-friendly solutions that encourage responsible disposal and recycling. Traditional waste bins fail to incentivize people or promote segregation at the source. To bridge this gap, we introduce Swabhav, a reverse vending machine that accepts waste materials, segregates them into plastic and non-plastic, and rewards users based on the type and quantity of waste deposited.

Swabhav also incorporates a large LED screen on its exterior to display advertisements, enabling revenue generation to support operational sustainability. Furthermore, the collected plastic is recycled into usable products such as plant pots and keychains, which are then sold on top of the machine, creating a circular economy loop.

Objectives:

1. To automate the collection and categorization of plastic and non-plastic waste.
2. To reward users with coins, chocolates, or tokens based on the waste submitted.
3. To promote recycling through attractive incentives.
4. To integrate an LED display for advertising and awareness content.
5. To recycle collected plastic into useful products like pots and keychains.
6. To create a compact, user-friendly machine that can be deployed in public spaces.

Methodology:

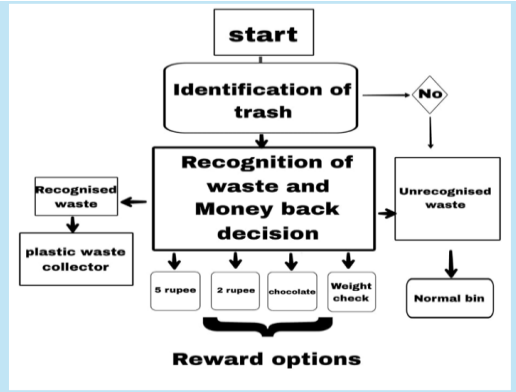
The project integrates hardware and software to automate waste recycling. The system's "brain" is a Raspberry Pi 4, which uses a camera module to capture images of inserted waste. The Pi runs a pre-trained AI classification model to determine if the item is plastic or not. This information is then passed to an Arduino Mega 2560 microcontroller, which serves as the central control unit for the machine's mechanical components, including servo and DC motors that operate the waste separator. The machine also features LDR and IR sensors for object detection and a weight sensor to measure the deposited material. Based on the weight, a coin/token dispenser or a chocolate box provides a reward to the user. A separate LED matrix and display panel show user instructions, thank-you messages, and advertisements. Finally, the collected plastic is stored in a dedicated unit and later converted into recycled goods like pots and keychains, which are displayed on the machine's top shelves.

Results & Conclusions:

The prototype successfully performs all intended operations:

- Accurately detects and categorizes waste.
- Dispenses rewards based on waste type and weight.
- Provides user-friendly interaction through display feedback.
- Displays rotating advertisements on the external LED screen.
- Reuses plastic waste to make value-added items, reducing plastic footprint.

Preliminary testing in a controlled environment showed consistent operation, motivating users to engage with the machine. Swabhav provides a scalable and practical solution for waste management in public places like bus stations, colleges, malls, and parks.



44. TUNABLE GRIP MEASUREMENT DEVICE FOR ARTHRITIS PATIENTS

Project Reference No.: 48S_BE_6159

College : The Oxford College of Engineering, Bengaluru

Branch : Electronics And Communication Engineering

Guide(s) : Dr. Preeta Sharan and Prof. Tina Elizebeth Thomas

Student(s) : Mr. S Anil Kumar, Ms. Brinda J, Ms. Sandhya G and Ms. Nandini G S

Introduction:

Individuals suffering from neurological and musculoskeletal conditions such as stroke and arthritis often experience a significant loss in hand functionality, particularly affecting their grip strength and dexterity. This impairs their ability to perform everyday tasks such as holding utensils, opening containers, or writing, leading to a decline in independence and quality of life. While rehabilitation exercises are essential for restoring motor function, many existing tools lack the ability to provide quantitative, real-time feedback, making it difficult for therapists to accurately monitor patient progress and adapt therapy accordingly. Moreover, conventional rehabilitation methods can be monotonous, unengaging, and inaccessible for home-based therapy, reducing patient compliance and recovery efficiency.

To address these challenges, this project proposes the development of a Tunable Grip Measurement Device integrated into a wearable glove that enables continuous and precise monitoring of grip force. The solution leverages custom-built Force Sensitive Resistors (FSRs) using Velostat, a cost-effective, pressure-sensitive material. These sensors are strategically embedded across key areas of the hand to capture real-time pressure data. The signals are processed using an ESP32 microcontroller and visualized through an OLED display and a Graphical User Interface (GUI), providing instant feedback and progress tracking. This system is adaptive, allowing calibration to different grip strengths and therapy stages, and is designed to be lightweight,

portable, and suitable for both clinical and home use, making it a comprehensive, engaging, and user-friendly solution for effective hand rehabilitation.

Objective:

1. To design a tunable grip measurement device tailored for arthritis and stroke rehabilitation.
2. To develop and integrate custom Force Sensitive Resistors (FSRs) for accurate hand pressure sensing.
3. To monitor grip strength and hand dexterity through a wearable glove system.
4. To provide real-time feedback via an OLED display and graphical user interface for patient and therapist use.
5. To support adaptive rehabilitation by tracking patient progress and enabling safe, repetitive motion exercises.
6. To ensure the device is low-cost, portable, and suitable for both clinical and home environments.
7. To explore the potential for patenting and future development into a scalable medical product.

Methodology:

The Tunable Grip Measurement Device is a system for measuring and providing feedback on grip strength, primarily for rehabilitation. Its development involves several key steps. First, the core component, a custom Force Sensitive Resistor (FSR), is created using Velostat, copper electrodes, and foam. Fifteen of these FSRs are strategically placed on a wearable glove: four on the palm, two on the thumb, and two or three on each finger to capture detailed grip pressure data. Each sensor is then connected to an ESP32 microcontroller via a voltage divider circuit. The microcontroller's Analog-to-Digital Converter (ADC) converts the sensor's analog voltage readings into digital signals that correspond to applied pressure. The system is then calibrated by applying known weights to the sensors to establish a correlation between resistance changes and actual pressure values. During use, the ESP32 processes the data in real-time, providing instant visual feedback on an OLED display and transmitting the data to a computer for visualization on a Graphical User Interface (GUI). This methodology results in a flexible and user-friendly device for assessing and monitoring the rehabilitation progress of patients with conditions like arthritis or those recovering from a stroke.



Figure: FSR Sensors with Glove

Results and Conclusion:

The hand rehabilitation glove is an advanced assistive technology that provides real-time feedback on grip strength. The system's initial calibration involved mapping sensor resistance values to specific weights, establishing a baseline for accurate pressure measurement. During use, the device translates pressure into real-time readings that are displayed on both a Graphical User Interface (GUI) and an OLED screen. A key feature is its color-coded feedback mechanism, which uses different colors (green for ideal grip, red for weak grip, etc.) to intuitively guide patients and therapists. This system maps specific pressure ranges—such as 20-49g for a weak grip and 50-80g for an ideal grip—to these visual cues, helping patients adjust their force during exercises. The glove demonstrated high sensitivity and accuracy, with the ability to measure a total applied force of 15,471g and 720.5g in an idle state. Overall, the device is a promising solution for stroke recovery, as it provides guided, personalized rehabilitation that can be used in both clinical and home settings, with future potential for enhanced sensor precision and broader motion tracking.

45. ORALCARE-X

Project Reference No:48S_BE_1045

College : A.J. Institute of Engineering and Technology, Mangaluru

Branch : Information Science and Engineering

Guide : Prof. Archana Priyadarshini

Student(s) : Ms. Shravya M R, Mr. Mohit VK, Ms. V Dhanya and Ms. Preethi

Introduction:

Oral health is a critical aspect of overall well-being, yet it is often overlooked, especially in underserved and remote communities. With over 2.3 billion people worldwide affected by untreated dental caries and other oral conditions, timely and accurate diagnosis has become a pressing global need. Traditional diagnostic methods heavily rely on the visual inspection skills of dental professionals, which may not always yield consistent or early detection results. The increasing elderly population and lack of accessible dental care in many regions further exacerbate this challenge.

To bridge this gap, the OralCareX project proposes an AI-enhanced dental diagnostic system powered by Convolutional Neural Networks (CNN). This system automates the analysis of dental images, enabling rapid, reliable identification of conditions such as caries, calculus, hypodontia, and tooth discoloration. By leveraging deep learning and mobile health technology, the project aims to revolutionize the way dental care is delivered—making diagnostics faster, more accurate, and more inclusive, especially for visually impaired users and those without immediate access to a dentist. The system has been designed as a mobile application integrated with a Django backend and MySQL database, facilitating real-time interaction and feedback.

Objectives:

This project aims to develop an AI-powered tool for accurate and accessible dental diagnostics. The key objectives are:

1. Develop an AI-powered dental diagnostic tool using CNN algorithms.
2. Provide accessible and user-friendly diagnostics for visually impaired individuals.
3. Promote early detection of dental disorders for better health outcomes.
4. Create a portable and affordable device to reach underserved populations.
5. Empower users with real-time feedback and actionable oral health insights.

Methodology:

- The development of OralCareX followed a three-phase approach: Data Collection, Analysis, and Implementation. In the data collection phase, primary dental image datasets and diagnostic records were gathered, alongside secondary resources such as dental research papers and clinical guidelines to ensure medical relevance.

- The analysis phase focused on image preprocessing and model training. Images were resized (150x150), denoised, and normalized using OpenCV. Feature extraction was carried out using contour detection, and the Region of Interest (ROI) was isolated to train the model more accurately.A CNN (Convolutional Neural Network) model was designed using Keras and TensorFlow. Data labeling was done with LabelEncoder and converted into one-hot encoded formats for classification. The dataset was split using train_test_split into training and validation sets to avoid overfitting and ensure model reliability. ImageDataGenerator was applied to augment the training set using transformations like rotation, zoom, and shifts, improving the model's generalization. The model was trained using callbacks like ModelCheckpoint and EarlyStopping to optimize training time and retain the best performing weights. The trained CNN was then integrated into the backend, and a prediction function was created to process uploaded dental images. This function included grayscale conversion, Gaussian blurring, binary thresholding, contour detection, ROI extraction, and normalization.

- Images were passed through the trained model, which returned a probability distribution across five classes: Calculus, Caries, Healthy, Hypodontia, and Tooth Discoloration. Based on the highest probability index, the application provided the disease name as the final output, which was sent back to the mobile app frontend. Finally, the model's performance was validated using evaluation metrics like accuracy and loss graphs to confirm its diagnostic efficiency in real-time scenarios. This structured methodology enabled OralCareX to deliver accurate, fast, and accessible dental diagnostics on a mobile platform.

Result and Conclusion:

The OralCareX system is an AI-powered tool for dental diagnostics, utilizing a Convolutional Neural Network (CNN) to detect five common dental conditions: Calculus, Caries, Healthy, Hypodontia, and Tooth Discoloration. The model was trained on a labeled dataset and achieved over 90% classification accuracy with low loss values, which demonstrates its robust and effective performance. A key benefit of the system is a significant reduction in diagnostic time, providing reliable predictions in seconds.



The system's functionality was validated through a mobile application that allows users to upload dental images and receive immediate predictions and feedback. User feedback from dental professionals confirmed the app's ease of use and significant potential for clinical applications, particularly in improving early disease detection and promoting preventive care. The project proves that AI and deep learning can serve as a valuable diagnostic tool, especially in areas with limited access to dental care.

46. SMART INFANT HEALTH MONITORING SYSTEM WITH IOT-BASED FAILOVER MECHANISMS FOR RURAL AREAS

Project Reference No.: 48S_BE_3977

College : B.M.S. College of Engineering, Bull Temple Road, Bengaluru

Branch : Information Science and Engineering

Guide : Prof. Shobana T S

Student(s) : Mr. Rutajit Sarkar, Mr. Prince Kumar and Ms. Prateeksha N Kulkarni

Introduction:

In March 2017, rural India experienced a 20.3% shortage of staff nurses at primary health centers (PHCs) and community health centers (CHCs) (Saikia, 2018, ResearchGate). In addition to the lack of 454 Primary Health Centers (PHCs) that have not yet been built, Bengaluru Urban, Belagavi, Mysuru, Tumakuru, Hassan, and Mandya account for 39.1% of Karnataka's nursing staff shortage, which exacerbates healthcare access in rural areas, according to an article in the Indian Express (2023).

The project aims to remotely monitor infants' health in resource-limited areas, reducing infant mortality and Sudden Infant Death Syndrome (SIDS). By leveraging IoT for continuous monitoring and AI for predicting potential health issues, it ensures early detection of vital abnormalities such as temperature, heart rate, oxygen levels, and more. The solution is designed to function both offline and with low connectivity, making it accessible in rural or under-served regions. It also addresses issues like delayed healthcare intervention, environmental safety, and affordability by creating a cost-efficient, rental-based device accessible to a broader demographic. The project seeks to provide parents with peace of mind, while also improving health equity and safety through enhanced monitoring and early interventions.

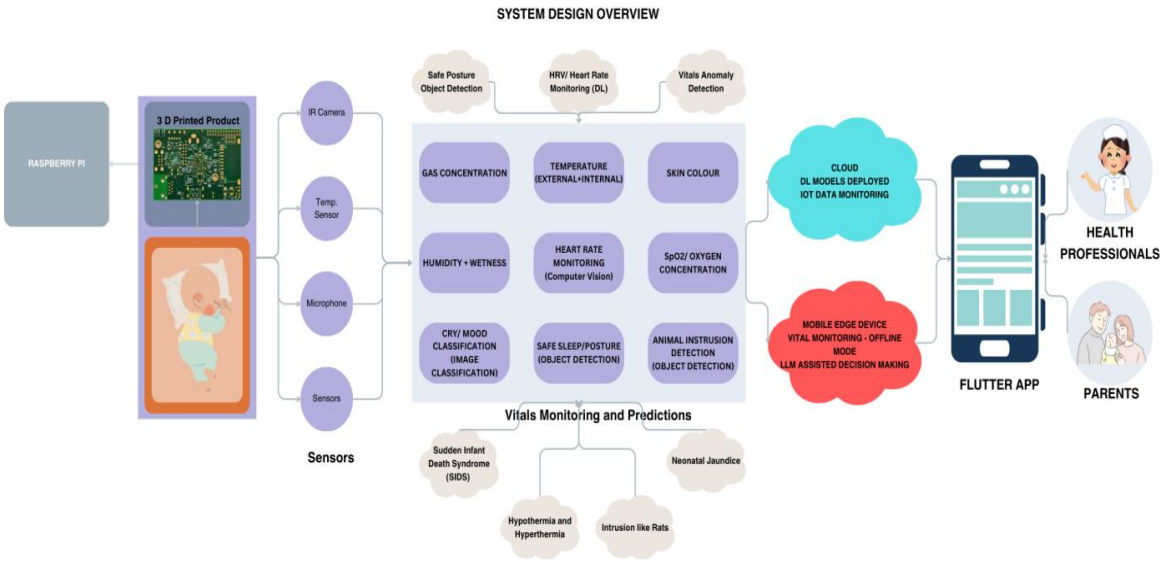
Objectives:

1. Low-cost, user-friendly, portable, and plug-and-play hardware
2. To develop a low-cost, AI-powered IoT system for offline, real-time, 24/7 support for infant vital monitoring and early health alerts in undeserved regions.
3. Using contact-less sensors and Infrared Cameras to avoid irritation to Infants provide non-invasive contact-less support.
4. Real-time AI Agent powered by Language Models using BLE used for Fail-over mechanism due to the absence of Internet Connectivity.
5. SOTA AI Model to monitor Infant Activity Monitoring and Heart Rate Variability with SpO2 using Signal Processing.
6. User friendly Web Application using MERN stack for Healthcare Professionals and Mobile Application using Flutter for Parents/ Caregivers for real time alerts and Insights.
7. Integrate IoT with Cloud infrastructure (AWS) for Scalability.

Methodology:

Our proposed solution aims to create a low-cost, AI-enabled Remote Infant Monitoring System using the Internet of Things (IoT) using non-contact sensors with a Failover Mechanism that works even in the absence of the Internet for connectivity in rural/remote areas.

Our solution uses non-contact sensors instead of Wearables as they cause discomfort to the infant and moisture, etc. from the baby might affect the effectiveness of the sensors. We have continuous monitoring which can be remotely monitored by Health professionals and Parents in real-time. There is a separate UI for Parents and Health Professionals which will be built using Flutter. Real-time AI predictions and Detections to predict and mitigate health issues and take timely actions. Alongside Object detection to detect the Safe state of the Infant in terms of Position as well as safety from pests. An edge deployed (within the Raspberry Pi Controller) as well as cloud-deployed ML Models for online and offline predictions and monitoring. Infant Health AI Agent powered by open Source LLMs for offline (Lack of Internet) situations to assist the mother during emergencies, etc. It notifies the nearest Primary Health Centre (and Ambulance Service if needed) and it gives parent’s necessary steps and instructions to be followed during emergency services.



Result and Conclusion:

Till now, the following have been already implemented and tested.

- Infant Activity and Pest Intrusion Detection:

Model	Precision	Recall	mAP@50	mAP@95
YOLO V8	0.85	0.842	0.915	0.733
RT-DETR	0.841	0.836	0.9	0.73
YOLO V10	0.837	0.836	0.899	0.723

Table: Infant Activity and Pest Intrusion Detection Accuracy Metrics

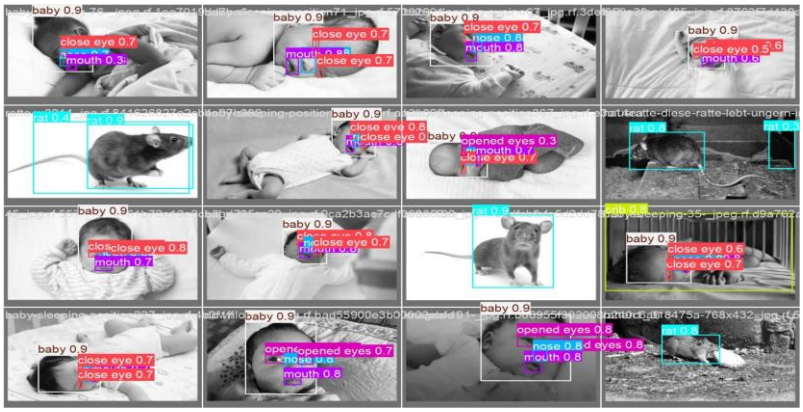


Figure: Sample Inference of the Infant Activity and Pest Intrusion Detection Model

- Infant Safe Sleep Detection:

Model	Precision	Recall	mAP@50	mAP@95
YOLO V8	0.824	0.854	0.91	0.63
RT-DETR	0.8	0.83	0.89	0.54
YOLO V10	0.81	0.8	0.867	0.43

Table: Infant Safe Sleep Detection Accuracy Metrics

- Heart Rate Variability (HRV) and Sp02 via IR Camera using CNN/YOLO Localization and OpenCV Signal Processing to detect the RGB Channels and absorption of oxygen.
- Website using MERN Stack

  Used React.js and node.js for frontend and backend integration. Incorporated chart.js for graphs.
- Mobile Application using Flutter
- Circuit Design of Raspberry Pi and the sensors

Only the IoT integration with cloud and website is left with implementation of remote AI agents.

47. A STUDY ON HERBAL MOSQUITO REPELLENT SOLUIONS: A GREEN APPROACH TO PEST MANAGEMENT

Project Proposal Reference No.: 48S_MBA_0168

College : Nagarjuna College of Management Studies, Chikkaballapura

Branch : Department of Management Studies

Guide : Mrs. Kavitha C

Students(s) : Ms. Shravani M, Ms. Anusha N and Mr. Chandan K M

Introduction

The World Health Organization (WHO) estimates that malaria, one of the common mosquito-transmitted diseases, kills about 3 million people worldwide each year. This disease which are only transmitted to human by mosquito bites is one of the most important ways to prevent or lessen the spread of this disease. Treatment for malaria and other diseases carried by mosquitos are numerous, but preventing illness together is always preferable. Consequently, the world “mosquito repellent” was created. Compound known as repellent work by making surfaces uncomfortable for mosquitoes. To prevent mosquitoes from landing on skin or other surfaces, apply it on. The majority of the world’s population still uses synthetic chemical larvicides to keep mosquitoes under control, but many of these chemicals are poisonous to people, animals and plants and resistance to them can make control difficult.

Objectives:

1. To analyze the effectiveness of the herbal mosquito repellent solutions
2. To evaluate the environment benefits
3. To assess the cost-effectiveness
4. To explore the potential health advantages
5. To identify the consumer preferences
6. To compare the performance of herbal mosquito repellents efficiency
7. To assess the safety and health impacts of herbal repellents

Methodology:

This research project on herbal mosquito repellents uses a mixed-methods approach that combines qualitative and quantitative methods. The study is divided into three main stages: exploratory research to identify potential herbal ingredients and review existing literature; experimental research to formulate, test, and evaluate the effectiveness of the repellents; and survey-based research to gather consumer feedback and preferences. Data will be collected from both primary and secondary sources. Primary data will be gathered from a survey of 300 respondents from urban and rural areas, selected using stratified random sampling, while secondary data will be collected through a literature review. The analysis will involve both quantitative analysis using statistical tools for experimental and survey data and qualitative analysis using thematic analysis for consumer feedback. The study emphasizes ethical considerations, including informed consent from participants, and plans to collaborate with various stakeholders such as government bodies, communities, and academic institutions.

Conclusion:

This study aims to explore the potential of herbal mosquito repellent solutions as an econ-friendly and sustainable product. With increasing concerns over the health hazards and environmental impact of synthetic repellents, this project emphasizes the importance of utilizing natural ingredients. This study not only supports the traditional knowledge of plant-based pest control but also aligns with the broader goal of promoting green and sustainable living practices. If proven effective, these herbal solutions could offer a viable, low-cost alternative for rural and urban communities alike, contributing to improved public health and environmental conservation. This green approach to pest management reflects the growing need for innovation in eco-conscious product development and open new avenues for research in herbal science, public health, and environmental sustainability.

48. DESIGN AND DEVELOPMENT OF A SUSTAINABLE, LOW-COST, LITHIUM-ION BATTERY-POWERED SOLAR ELECTRIC VENDOR CART FOR UNDERSERVED COMMUNITIES

Project Reference No.: 48S_BE_0171

College : GITAM Deemed to be University, Bengaluru

Branch : Mechanical Engineering

Guide(s) : Dr. Praveen Kumar M V and Mr. Rajesh M N

Student(s) : Mr. A Hemakumar and Mr. Arun Sagar S

Introduction:

Street vendors, especially vegetable sellers, walk 5–6 kilometers daily, manually pushing carts often loaded with over 50 kilograms of produce. These carts are difficult to maneuver, especially on inclines, leading to extreme physical strain.

One Bengaluru vendor shared, “By the end of the day, I’m in so much pain, I can’t think of setting up again tomorrow.” This is not uncommon. According to the ILO, 30–40% of vendors report back and joint pain. A survey of 100 vendors found that 60% face health issues due to pushing heavy carts.

The consequences are serious: fatigue, chronic pain, reduced mobility, lower daily income, and a heightened risk of accidents. For elderly or physically challenged vendors, the problem is even more severe. Despite their crucial role in the local economy, they lack access to affordable powered solutions.

This problem isn’t just about physical effort; it’s about lost livelihoods. Without intervention, street vendors remain stuck in a cycle of hardship. A sustainable, low-cost electric mobility solution is not just a convenience, it’s a necessity for economic empowerment.

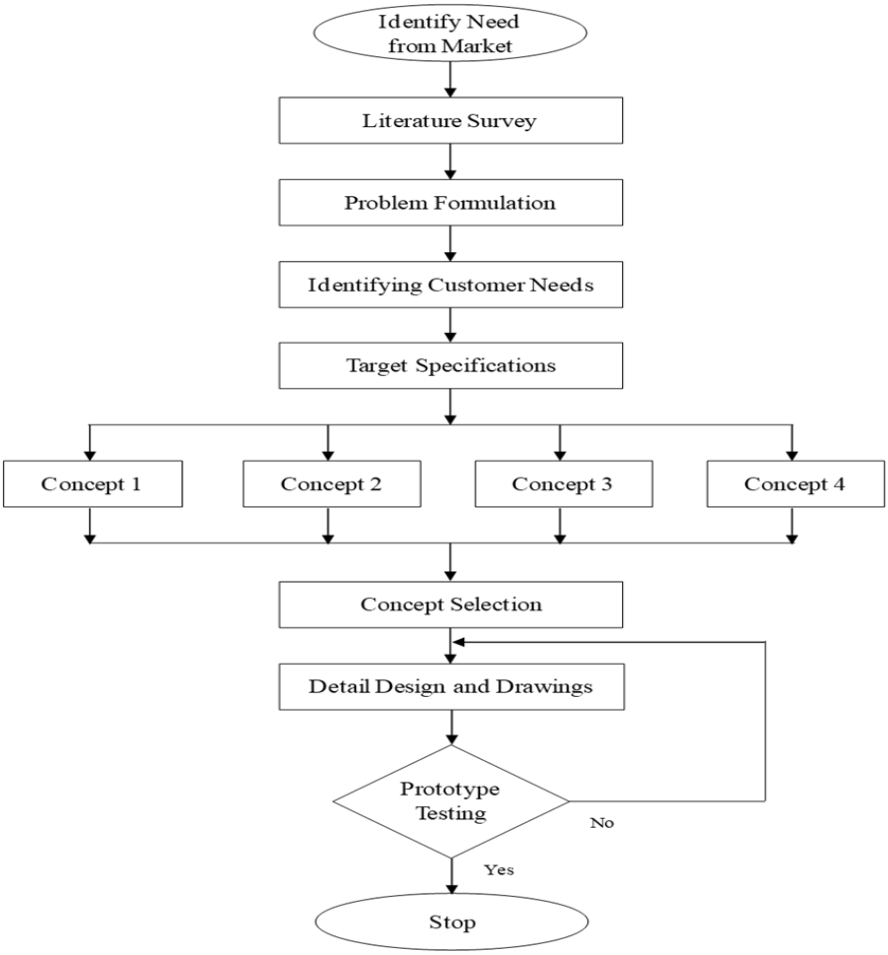
Objectives:

1. Design and develop a low-cost, battery-powered electric vendor cart to reduce the manual effort required by street vendors, particularly vegetable sellers.
2. Integrate a 250W PMDC motor and 24V 12Ah lithium-ion battery to provide reliable, efficient electric mobility.
3. Incorporate a user-friendly steering and braking system to ensure ease of use, maneuverability, and operational safety.
4. Minimize physical strain and fatigue experienced by vendors during long-distance travel and while navigating inclined or uneven roads.
5. Improve the mobility and reach of vendors, enabling them to serve a larger customer base and increase their daily income.
6. Enhance safety and stability with features such as balanced weight distribution, indicator lights, and headlamps for use in low-light conditions.
7. Ensure affordability and accessibility by using cost-effective materials and modular design suited for low-income vendors.
8. Incorporate solar-powered regenerative charging to extend battery life and reduce dependence on grid electricity.
9. Design for inclusivity, catering to elderly, women, and physically challenged individuals to promote self-employment and independence.
10. Promote sustainable micro-mobility solutions as an alternative to fuel-based or manual transport in informal economies.

Methodology:

The process of developing the electric cart for street vendors followed a structured, eight-step methodology. It began with problem identification and user research, where field surveys and interviews were conducted with street vendors to understand their daily challenges, such as physical strain and mobility issues. This research informed the concept design and requirement analysis, leading to the definition of specific technical requirements for the electric cart, including motor power, battery capacity, and load capacity. Next, in the component selection and system integration phase, key

parts like a 250W PMDC motor, a 24V 12Ah lithium-ion battery, a motor controller, and a solar charging system were chosen and integrated.



The design was then brought to life through CAD design and structural modeling, where the cart's chassis was optimized for stability and manufacturing. A physical prototype development followed, using lightweight, cost-effective materials, with all electrical and mechanical subsystems installed. The prototype's performance was then evaluated in the testing and performance evaluation stage, which included tests for load, distance, and battery performance under real-world conditions. Based on the test results and user feedback, the design underwent iterative improvement and final optimization, with features like lighting, a weighing machine, and solar regenerative support being enhanced. The final phase involved documentation and impact assessment, where technical manuals were prepared and the project's potential social and economic benefits for street vendors were analysed.

Result and Conclusion:

- The developed electric vendor cart effectively addressed the mobility and health challenges faced by street vendors. The final prototype, powered by a 250W PMDC motor and 24V 12Ah lithium-ion battery, achieved smooth operation over 5–6 km, including inclined roads, with minimal physical effort.
- Field trials showed a 60–70% reduction in vendor fatigue, and participating users reported significant relief from back and joint pain. Vendors also

experienced a 20–30% increase in reach and customer interactions, resulting in improved daily earnings.

- Battery testing revealed a runtime of 3.5 to 4 hours per charge, with an additional 15–20% extension from the integrated solar regenerative charging system. The cart's ergonomic steering and braking system provided safe and intuitive control, even in narrow or crowded areas.
- Feedback confirmed that the cart's design was accessible, easy to use, and suitable for elderly, women, and physically challenged vendors. Its cost-effective and modular construction makes it highly adaptable and scalable for broader deployment.

49. AUTOMATIC RAIN SENSING AND PROTECTION COVER FOR CROP GRAINS AND SEEDS

Project Reference No.: 48S_BE_0209

College : Hirasugar Institute of Technology, Belagavi

Branch : Mechanical Engineering

Guide(s) : Dr. K. M. Akkoli

Student(s) : Mr. Mallikarjun Shettennavar, Mr. Abhishek Bevinakoppamath, Mr. Akash Anaje Patil and Mr. Vivek Nandagavi

Introduction:

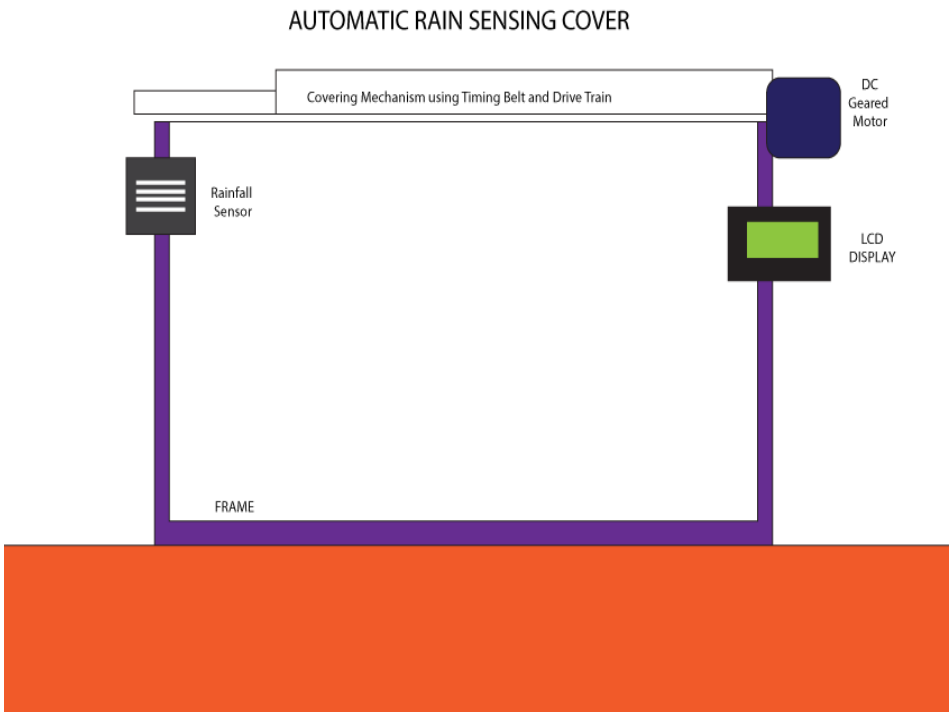
Agriculture plays a vital role in sustaining human life and supporting economies worldwide. However, it is heavily influenced by environmental conditions, which can be unpredictable and often harsh. Among these conditions, rain stands out as a critical factor. Traditional methods of protecting crop grains from rain, such as manual coverings, are labour-intensive and inefficient. There is a pressing need for an automated solution that can effectively protect crop grains from rainfall without requiring constant human intervention. The primary objective of this project is to design and develop an automated roof system to protect crop grains from rainfall. The system aims to provide effective protection by automatically covering crop grains when rain is detected, thereby preventing damage.

Objectives:

1. To design and develop a mechanism to automatically sense rain and cover crop grains, helping farmers protect their crops from sudden rain.
2. Developing a reliable sensor system capable of accurately detecting rainfall intensity.
3. Prior anticipation of rain using a weather forecasting unit.
4. Harnessing renewable solar energy through solar panels, reducing the reliability on electricity.
5. Integration of IOT for easy handling.

Methodology:

- The required material is to be selected.
- The fabrication of the frame, covering mechanisms, and drive system is to be carried out.
- The Solar panel is to be installed and connected to the battery.
- The sensors for sensing the rain, temperature, and humidity will be installed.
- The display unit is to be installed to display the condition of the cover (open/closed).
- The system is to be connected with an application using IOT for monitoring the weather and provide control to the closing mechanism.
- The mechanism is to be tested for its operation and functionality.



Result and Conclusion:

The automatic rain sensing cover system represents a significant advancement in agricultural technology, providing an efficient and reliable solution to protect crop grains from rainfall. By integrating key components such as the Arduino microcontroller, proximity switches, an LCD display, a DC geared motor, a battery, a timing belt, and a rainfall sensor, the system offers a robust and automated method to shield crop grains from damage. The system's ability to automatically deploy and retract the cover based on real-time rain detection minimizes the risk of crop grain damage due to rain, it enhances agricultural productivity and reduces the need for manual labour.

50. DESIGN AND DEVELOPMENT OF HUMANOID ROBOT WITH AUTONOMOUS NAVIGATION

Project Reference No.: 48S_BE_3986

College : Christ (Deemed to be University), Kengeri Campus, Bengaluru

Branch : Robotics And Mechatronics

Guide(s) : Dr. Amruta Rout

Student(s) : Mr. Abraham Thomas Joy, Mr. Joel Mathew Jeni, Mr. Samuel Sebastian and Mr. Navaneeth Krishna

Introduction:

In recent years, robotics has emerged as a transformative technology, significantly impacting sectors like healthcare, education, and automation. Among the various branches of robotics, humanoid robots have garnered substantial attention due to their potential to replicate human actions, communicate intuitively, and adapt across dynamic environments. This project, titled *"Design and Development of Humanoid Robot with Autonomous Navigation,"* aims to create a versatile robotic platform capable of serving both educational and assistive purposes.

Drawing from previous innovations in medical robotics, the current work focuses on integrating advanced technologies such as SLAM (Simultaneous Localization and Mapping), natural language processing (NLP), and AI-driven gesture recognition. The robot is designed to operate autonomously using 3D LiDAR for navigation and interaction within its surroundings. By equipping the system with servo and stepper motor-driven limbs, a Raspberry Pi-based processing unit, and ROS for real-time control, the project seeks to enable a high level of human-robot interaction and task execution.

Objectives:

1. To serve as an educational tool for teaching students about robotics, AI, and programming.
2. To provide a research platform for faculty and students to develop and test new robotic algorithms and applications.
3. To enable continuous development, allowing future students to build on the existing design and capabilities.
4. To integrate advanced sensors and control systems that can be expanded upon by future research.
5. To integrate natural language processing capabilities for seamless verbal communication with humans.

Methodology:

The methodology followed for the development of the humanoid robot project involved a structured and iterative approach. Initially, a thorough literature review and gap analysis were conducted to understand existing technologies and identify areas for improvement. Based on this, clear research objectives were defined. The next phase involved detailed design planning and selection of appropriate technologies, including

hardware components and software platforms. This was followed by the initial prototyping phase, where CAD Modeling and 3D printing were used to create the robot's structure, and electronic components were integrated to form the basic arm mechanism. Data collection and testing were performed during each development stage to analyze system performance, which guided iterative refinements. The final stages involved implementation of all subsystems, extensive testing and validation, fine-tuning, and optimization to ensure stability and functionality. Finally, documentation, reporting, presentation of results, and addressing feedback concluded the process, leading to the final project handover.

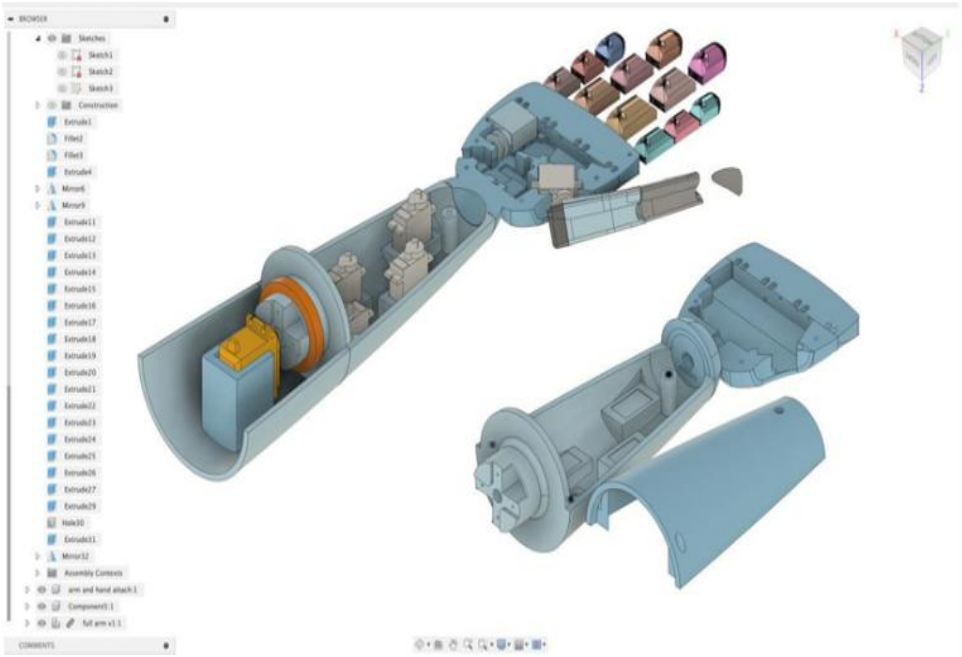


Figure: Design of robotic arm for the proposed humanoid robot

Results & Conclusions:

- Successful Demonstration: The humanoid robot showcased autonomous navigation capabilities.
- Sensor & Algorithm Integration: Efficient movement was achieved using advanced sensors and navigation algorithms.
- Obstacle Detection & Adaptability: The robot effectively detected and avoided obstacles, adjusting its path dynamically.
- Humanoid Features: Precise limb movement and posture enhanced interaction potential.
- Real-World Applications: Suitable for healthcare, entertainment, and service industries.
- Areas for Improvement: Needs better power efficiency and adaptability in complex environments.

* ~ * ~ *

Technical Lecture for the 48th Series Student Project Programme (SPP)

Date: 2nd August 2025 **Time:** 12:00 Noon

Venue : Ananya Mantapa,
Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga

CHALLENGES IN E-MOBILITY ECOSYSTEM



Prof. L. Umanand
Department of Electronic Systems Engineering,
Indian Institute of Science, Bengaluru

Abstract:

This presentation explores the multifaceted challenges inherent in transitioning to an Electric Vehicle (EV) ecosystem. It begins by outlining the structure of EVs and Hybrid Electric Vehicles (HEVs) before detailing obstacles in both wheeled and non-wheeled e-mobility. It also examines the composition and different modes of propulsion systems for pure electric, series, parallel, and combination hybrids, before considering recharge challenges related to energy sources and demand. The presentation addresses steering control for autonomous and assisted driving, and contemplates legged locomotion as an alternative to wheeled mobility, concluding with thought-provoking questions about the future sustainability and societal impact of EVs.

Technical Lectures Organised during Seminar and Exhibition in the previous series of Student Project Programme

SPP Series	Topic	Speaker	Venue
48th	Challenges In E-Mobility Ecosystem	Prof. L. UMANAND Department of Electronic Systems Engineering, Indian Institute of Science, Bengaluru	Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga
47th	Perception of Engineering Students and Faculty Members for their Careers	Dr. VENKATESHWARLU KARODI Chief Scientist National Aerospace Laboratories (NAL) Bengaluru	Sharnbasva University, Kalaburagi
	"I-STEM Portal - A Collaborative Force for Global Recognition"	Dr. HARILAL BHASKAR Chief Operating Officer and National Co-Ordinator, Indian Science Technology and Engineering Facilities Map (I-STEM)	
46th	Additive manufacturing: A metallurgist's perspective	Prof. SATYAM SUWAS *Professor & Chairman,* *Department of Materials Engineering, Indian Institute of Science, Bengaluru*	Alva's Institute of Engineering and Technology, Moodubidire
45th	IoT, 5G and Robotics Automation – Shaping The Next Decade	Prof. BHARADWAJ AMRUTUR *Chairman,* *Robert Bosch Center for Cyber Physical Systems, Indian Institute of Science*	Visvesvaraya Technological University (VTU), Belagavi
42nd	Bio-Mechanical Engineering	Prof. G.K. ANANTH SURESH *Department of Mechanical Engineering, Indian Institute of Science, Bengaluru.*	KLE Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi
41st	The Future of World Electronics and Possible Role India Can Play	Dr. MAYANK SHRIVASTAVA *Assistant Professor,* *Department of Electronic Systems Engineering, Indian Institute of Science, Bengaluru*	Bapuji Institute of Engineering and Technology, Davangere
40th	Inclusive Innovations in Health Care	Dr. SHYAM VASUDEVA RAO *President and CTO,* *Forus Health Pvt. Ltd, Bengaluru*	N.M.A.M. Institute of Technology, Nitte, Karkala, Udupi District
39th	Innovating In Industry	Shri. SUNDARARAJAN SRINIVASAN *Senior Director,* *Next Generation & Standards Communication and Devices Group, Intel Mobile Communications India, Bengaluru*	BLDEA's V.P. Dr. P.G. Halakatti College of Engineering and Technology, Vijayapura
38th	Control Strategies for Renewable (Solar) Energy Integration	Dr. A. NARENDRANATH UDUPA *Principal Scientist,* *Phillips Research, Bengaluru*	Sahyadri College of Engineering and Management, Mangaluru
37th	Entrepreneurship, R&D in Biotechnology and related areas	Mr. VINAY KONAJE *CEO,* *Navya Biologicals Pvt. Ltd., BVBCET campus, Hubli*	B.V. Bhoomaraddi College of Engineering and Technology, Hubballi
	Magic English Learning for Technical Education Programme	Shri. VISHWANATH *CEO,* *Karadi Path Education Company Pvt. Ltd., Chennai*	
36th	ICT Enabled Teaching-Learning Strategies in Science and Engineering	Dr. MANGALA SUNDAR KRISHNAN *Department of Chemistry, Indian Institute of Technology, Madras*	Angadi Institute of Technology and Management, Belagavi
	Indian Aerospace Scenario	Padmashri, Dr. T S PRAHLAD *Scientist and Former Director,* *National Aeronautical Laboratories, Bengaluru*	

Annexure I

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

LIST OF PROJECTS SANCTIONED UNDER 48th SERIES OF STUDENT PROJECTS PROGRAMME: 2024 – 2025

1. A. J. INSTITUTE OF MANAGEMENT, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	48S_MBA_0165	ASSESSING THE IMPACT OF STREET DOGS ON PUBLIC HEALTH: A STUDY ON ZOONOTIC DISEASES AND COMMUNITY AWARENESS	M.B.A	M.B.A	Mr. PRASHANTH SHETTY Ms. DEEKSHA RAO	Mr. PRABATH E L Ms. LIKHITHA RAI Mr. GURUKIRAN Ms. NIKSHITHA D
2.	48S_MBA_0166	CONTAINER FARMING AND ITS ROLE IN SUSTAINABLE AGRICULTURE: BRIDGING ENVIRONMENTAL MANAGEMENT IN URBAN AND RURAL AREAS	M.B.A	M.B.A	Ms. DEEKSHA RAO Mr. PRASHANTH SHETTY	Ms. PAYAL Ms. SNEHA SHETTY Mr. ASHIQ M A Mr. GANESHA

2. A.C.S. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
3.	48S_BE_5320	DEVELOPMENT OF AN ALTERNATIVE TECHNOLOGY TO CHECK BLOCKAGE OF BLOOD VESSELS (AN ALTERNATIVE TO CONVENTIONAL ANGIOGRAPHY) USING PHOTOACOUSTIC IMAGING.	B.E.	BIOMEDICAL ENGINEERING	Dr. P BHUVANESWARI	Ms. SUCHARITHA A C Ms. HARSHITHA M K Ms. NISARGA K R
4.	48S_BE_0677	IOT BASED BABY MONITORING SYSTEM SMART CRADLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. T SENTHIL KUMARAN Mrs. GANGA B M	Ms. ROSHAL MARY JEEVAN DSOUZA Ms. TAZEEN FATHIMA M Mr. SYED FARAZ Ms. SHWETHA N
5.	48S_BE_3788	PERSONAL SERVER NETWORK FOR A SELF-MANAGED IT LAB, VIRTUALIZATION AND COLLABORATIVE STORAGE USING NAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUSMITHA B C	Mr. B J ROSHAN SHETTY Mr. MANISH K Ms. RAKSHITHA K S Ms. SHWETHA P
6.	48S_BE_6220	DYNAMIC 5G NETWORK RESOURCE ALLOCATION AND OPTIMIZATION USING ARTIFICIAL INTELLIGENCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. NAGESH H B	Mr. NEERAJ PRAJWAL MJ Mr. OMKAR R BILGI Mr. VIJAYENDRA PRATIHAST Mr. HARISHA D

3. A.G.M. RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
7.	48S_BE_2866	RUNOFF MODELLING FOR THE WATERSHED USING HYDROLOGICALL MODEL SWAT	B.E.	CIVIL ENGINEERING	Dr. NAGENDRA Ms. NIDHI SARNOBAT	Ms. AISHWARYA KIDADAL Mr. AKASH KAGGOD Ms. AKSHATA TIDAGUNDI Mr. ADARSH RAJGOPAL RAIKAR
8.	48S_BE_4139	EXPERIMENTAL INVESTIGATION ON GLASS FIBERS USED IN HIGH STRENGTH CONCRETE (GFRC)	B.E.	CIVIL ENGINEERING	Prof. MD. TAYYIB MAMADAPUR	Mr. SARVESH S AYATTI Mr. SHRAVANKUMAR S CHANNAGOUDRA Mr. RAJU BADIGER Mr. GURUNATH Y MEHARWADE
9.	48S_BE_5040	EXPLORING BIOWASTE FILLERS FOR ENHANCED SUSTAINABILITY AND MECHANICAL STRENGTH IN JUTE-BANANA-PHENOLIC RESIN HYBRID BIO-COMPOSITE	B.E.	MECHANICAL ENGINEERING	Prof. SANDEEPKUMAR GOWDA Dr. MARUTHI PRASHANTH B H	Mr. VINAYAK PAGALAPUR Mr. MANOJ B BOMBLEKAR Mr. ARVIND MALLARI Mr. SUHAS KALAPPANAVAR

4. A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
10.	48S_BE_0196	SUSTAINABLE WATER RESOURCE MANAGEMENT IN DAKSHINA KANNADA: A CASCADING SYSTEM ANALYSIS WITH GOOGLE EARTH ENGINE.	B.E.	CIVIL ENGINEERING	Prof. SAKETH SHETTY	Mr. MJ SAKTHI MAGENDHIRAN Ms. HARSHITHA Mr. HAVYAS K
11.	48S_BE_0201	CASE STUDY ON EARTHQUAKE RESISTANT BUILDING	B.E.	CIVIL ENGINEERING	Mrs. BABHITHA B	Mr. KARTHIK H Ms. IMPANA T K Mr. KUSHAR S
12.	48S_BE_0127	MULTIPLE RICE LEAF DISEASE PREDICTION FOR M04 RICE LEAF VARIETY IN DAKSHINA KANNADA USING DEEP LEARNING TECHNIQUE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHARON C DSOUZA Mrs. SHILPA SHETTY A	Ms. SONAL WILSON DSOUZA Ms. ARPITA SURESH NAIK Ms. MEGHA S GOWDA Mr. NAVEEN ANKOLEKAR
13.	48S_BE_0128	DEEP LEARNING BASED FULLY AUTOMATED GRADING OF LUMBAR DISC DEGENERATION USING MRI IMAGING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. LAXMI GULAPPAGOL Mrs. VIDYA MYAGERI	Mr. LIKHITH KUMAR Mr. KARTHIK GANAPA R Mr. NITHESH S KOTIAN Mr. PRATHAM V ASAIGOLI
14.	48S_BE_0186	AN AI DRIVEN VOTING SYSTEM FOR BLIND INDIVIDUALS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHANCHAL ANTONY Mrs. SNITHA SHETTY	Ms. ANAUM FATHIMA SHAMEEM Ms. ADITHI A SHETTY Ms. DHRITI R SHERIGAR Ms. SHREYA G
15.	48S_BE_0198	AI-DRIVEN EYE-TRACKING VIRTUAL KEYBOARD FOR ENHANCED COMMUNICATION IN MOBILITY-IMPAIRED INDIVIDUALS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JOSE ALEX MATHEW Mrs. RAMYA PM	Mr. ALOKE P P Mr. ADARSH DAYANAND Mr. AMARNATH K V Mr. PRATHVI
16.	48S_BE_0539	TULU TEXT RECOGNITION WITH SPEECH BASED OUTPUT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. REKHA A A	Ms. SHREYA DK Mr. PRAKASH Ms. SHRADHA Mr. AVISH V SHETTY
17.	48S_BE_0685	IMPLEMENTATION OF AUTOMATED PURITY GRADING SYSTEM FOR DRY COCONUTS USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. HARSHA C J	Mr. SANATH Ms. DEEKSHA Mr. PREETHESH K D Mr. SHARATKUMAR
18.	48S_BE_1032	IDENTIFICATION AND CLASSIFICATION OF PCOD AND PCOS USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHARANYA P S	Ms. SUSHMITHA Ms. SHARANYA RAI B Ms. RAMITHA SHETTY Ms. MEGHA
19.	48S_BE_1037	STEPTRACE: SMART SECURITY SYSTEMS FOR REAL-TIME HUMAN IDENTIFICATION THROUGH GAIT MECHANISM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHARANYA P S	Mr. HIMMATH KUMAR Mr. GAURAV B S Mr. NAVEENA Mr. GANESAN
20.	48S_BE_1045	ORALCARE-X	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ARCHANA PRIYADARSHINI	Ms. SHRAVYA M R Mr. MOHIT VK Ms. V DHANYA Ms. PREETHI
21.	48S_BE_1046	YOLO ALWAYS CHOOSE SCENIC ROAD	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ARPITHA G	Ms. KRUPA P V Mr. DHANUSH Ms. MEGHA Ms. DISHA M D

5. A.M.C. ENGINEERING COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
22.	48S_BE_1927	MAPPING OF TERTIARY TREATED EFFLUENTS FROM K&C VALLEY INTO KOLARAMMA KERE, KOLAR AND RELATED SPINOFF EFFECTS ASSESSMENT USING GIS TECHNIQUE	B.E.	CIVIL ENGINEERING	Dr. SHASHISHANKAR A Prof. SHAAMLIE DEVI T R	Ms. APEKSHA N Mr. PRUTHVI RAJ S PATIL Mr. NITHIN L Mr. SUJITH R
23.	48S_BE_0937	SMART LOCK FOR PARKING VIOLATION USING: IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. MALA M Mrs. VELVIZHI RAMYA R	Mr. TEJAS B P Mr. YASHWANTH R Ms. FATIMA FAZIL Ms. GAMYA SHREE V
24.	48S_BE_1051	INTELLIGENT IOT-BASED SYSTEM FOR POWER LOAD MONITORING AND ABNORMAL LOAD ALERTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHALAKSHMI B Prof. SANGEETHA RAJ	Ms. KAVANA B S Mr. PREM H Mr. SANJAY KUMAR S Mr. VISHWAKARMA C
25.	48S_BE_2067	CRYPTOTRACE: AI-POWERED CRYPTOCURRENCY TRANSACTION TRACING PLATFORM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. B JAYA KARUNA	Mr. DANISH MANZOOR Mr. EDWIN WILSON FERNANDES

26.	48S_BE_3292	NON-INVASIVE HAEMOGLOBIN MEASURING DEVICE WITH MOBILE APPLICATION (IOT & FLUTTER)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. V MAREESWARI Mrs. SNIGDHA KESH	Mr. KUSHAL D ACHAR Ms. UMA Y Mr. KISHAL R Mr. KEERTHIPATI SIDDARTH VARMA
27.	48S_BE_3650	DETECTING AND IDENTIFYING DRUG TRAFFICKING ACTIVITIES BEHIND ENCRYPTED MESSAGING PLATFORMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs.VIJAYALAKSHMI M M	Mr. VISHWAS H S Mr. SHIVAKUMAR S Mr. SUHAS A M Mr. SYEDSAIFULLAHA
28.	48S_BE_3702	AI-DRIVEN SURVEILLANCE: ADVANCED THREAT DETECTION, REAL-TIME BEHAVIOUR ANALYSIS FOR CITIZEN, AND PREDICTIVE SAFETY SOLUTIONS FOR WOMEN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SNIGDHA KESH Dr. MAREESWARI	Mr. CHARAN KUMAR REDDY M V Mr. SUMANTH CH Ms. SAHANA HJ Mr. BHARATH B
29.	48S_BE_4068	CAR DAMAGE DETECTION AND COST ESTIMATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. KAVYA K S	Ms. SHREYA D PATIL Ms. SAHANA Ms. SHRAVYA S
30.	48S_BE_4213	FAKE PRODUCT DETECTION USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHWETHA K R Mrs. VELVIZHI RAMYA R	Mr. SUDEEP M Mr. SHRIVATSA S Mr. SUSHANTH S SHETTY Mr. HEMANTH GOWDA C
31.	48S_BE_5164	EXAMINATION PORTAL USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. G. MURALITHARAN	Mr. GANESH GHATTI Mr. HARISH K Mr. HARISH R Mr. KUMAR M
32.	48S_BE_5285	FORENSIC FACE SKETCH CONSTRUCTION AND RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. DIVYA G S	Mr. VINAY R Mr. KIRAN M K Mr. NARASIMHA CHALLA LAKSHMI Mr. RAVIKUMAR M R
33.	48S_BE_5393	INDOOR FARMING HYDROPONIC PLANT GROW USING RO WASTE WATER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRAVEEN KUMAR B Mrs. VELVIZHI RAMYA R	Ms. TEJASWINI T V Mr. H SHASHIDHAR REDDY Ms. VIDITHA P Mr. T S HARSHITH
34.	48S_BE_5789	GLAUMETRIC PRECISION MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.S.RABINDRANATH	Mr. PATIL S Mr. S JAYANTH Mr. DHANUSH S Mr. RAHUL
35.	48S_BE_6290	A DEEP LEARNING BASED RADIATION-FREE BODY SCANNING FOR ANOMALY DETECTIONS AND SKELETON MAPPING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SANJEEVAN K Prof. PARTHASARTHY	Mr. ABHISHEK C S Mr. B POOJITH Mr. ARYAN RAJ
36.	48S_BE_5171	HIDDEN NARRATIVES OF TWITTER TRENDS: A LDA BASED EXPLORATION	B.E.	DATA SCIENCE	Prof. VINOD V KULKARNI	Mr. HARSHA VARDHAN REDDY D Ms. RAKSHITHA BAI V Ms. SANDHYA S Mr. YESHAS REDDY J
37.	48S_BE_5944	FIRE FIGHTING DRONE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SHILPA ACHARYA Dr. P B MANOJ	Mr. CHETHAN SURYA B M Ms. HARSHITHA RANI K M Mr. KISHORE V
38.	48S_BE_3167	SMART AUTONOMOUS MEDICINE DELIVERY ROBOT WITH PRESCRIPTION ASSISTANCE AND REAL TIME PATIENT HEALTH MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRATHIBHA KIRAN Dr. JAGADEESHA S	Mr. VENKAT RAM N S L V Mr. RENUKESH K Mr. HEMANTH G Ms. RACHANA K
39.	48S_BE_3947	DESIGN AND DEVELOP OF EXAM KIT FOR CHILDREN WITH DYSGRAPHIA DISORDER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. JENITTA J	Ms. RAKSHITHA G A Ms. PAVANA A Ms. SAHANA SHRISHAIL PATIL Mr. NAGESH P
40.	48S_BE_4621	SMART LUGGAGE FOR PHYSICALLY CHALLENGED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RASHMI R DESHPANDE	Mr. SANDEEP Mr. TARUN A Mr. ROHITH A Mr. SYED SAHIL ASIF
41.	48S_BE_5197	DESIGN AND DEVELOPMENT OF RECON CRAWLER	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA C	Mr. SUBHOJEET GHOSH Mr. HEMANTH V Mr. S.SAI CHARAN
42.	48S_BE_5215	DESIGN AND DEVELOPMENT OF TERRAMARINE SENTINAL ROBOT	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA C	Mr. PRATHAP KUMAR R Mr. K KULDEEP Mr. WASEEM AKRAM
43.	48S_BE_5835	DESIGN AND DEVELOPMENT OF AUTOMATIC STUDENT SMART ACCESS CONTROL SYSTEM FOR CAMPUS	B.E.	MECHANICAL ENGINEERING	Dr. UMASHANKER L	Mr. P POOBASE Mr. AMITH KUMAR N RATHOD Mr. CHETHAN S N Mr. MAHESH GOWDA S
44.	48S_BE_5334	DESIGN AND DEVELOPMENT OF ORNITHOPTER	B.E.	MECHATRONICS ENGINEERING	Dr. NUSRATHULLA M	Mr. MOHAMMAD ARSHAD S Mr. NIKHIL B Mr. M SAHIL KHAN Mr. NANDESH RK

6. A.P.S. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
45.	48S_BE_5982	UNIFIED COMPILER FOR LANGUAGE AGNOSTIC DEVELOPMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PUNEETH R	Mr. ABHINAV NAIK Mr. RAHUL SHARMA Mr. SAYAN CHATTERJEE

7. A.T.M.E. COLLEGE OF ENGINEERING, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
46.	48S_BE_3324	UTILIZATION AND EXPERIMENTAL ANALYSIS OF STEEL SLAG IN SUSTAINABLE AND ECO-FRIENDLY RIGID PAVEMENT	B.E.	CIVIL ENGINEERING	Prof. BHARATHI B	Mr. RAJU B Ms. ANKITHA GOWDA P Mr. NITHIN D
47.	48S_BE_6164	LIVER CIRRHOSIS PREDICTION USING RANDOM FOREST	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. AMITHA S	Ms. SUSHMITHA C K Ms. PRATHEEKSHA B R Mr. YASHAS N U Ms. UMME HUSNAIN Z M
48.	48S_BE_6160	ERGONOMIC PORTABLE RADIANT WARMER AND SLEEP APNEA MONITORING DEVICE FOR NEONATAL CARE IN MATERNITY CENTRES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr.SHREESHAYANA R Dr.PARTHASARATHY L	Mr. MOHAMMED HARMAIN Ms. FATHIMA SADAF Mr. MOHAMMED SABIR Mr. VIVEK H K
49.	48S_BE_6193	SEMI-AUTOMATED WASTE SEGREGATION SOLUTION FOR EFFICIENT URBAN DOMESTIC WASTE MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. PRAVEEN KUMAR M Prof. SHREESHAYANA R	Mr. JEEVAN N Ms. MANOGNA K V Mr. ARUN KUMAR K P Mr. SHASHANK N M
50.	48S_BE_6201	ANAEROBIC DIGESTION OF CANTEEN WASTES FOR BIOGAS PRODUCTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. RAGHAVENDRA L Dr.PARTHASARATHY L	Mr. SHIVAPASAD B M Mr. SANDEEP H M Mr. SANJU T C Mr. SUMANTH NAIKA M S
51.	48S_BE_6296	WRIST DISARTICULATION PROSTHESIS FOR AMPUTEES TO SUPPORT REHABILITATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.SHREESHAYANA R Dr.PARTHASARATHY	Mr. CHARAN KUMAR G V Ms. DHANUSHREE H K Mr. MOHAMMED AZLAAN Ms. SINCHANA K
52.	48S_BE_5044	IOT BASED FOOD SPOILING DETECTION USING ARDUINO AND GSM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. ANUPAMA SHETTER Mr. GIRISH M	Mr. DARSHAN P M Mr. ABHISHEK K M Mr. CHIDANANDA M Mr. KIRAN GOWDA R

8. ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
53.	48S_BE_6242	FABRICATION OF SCREEN PRINTED ELECTRODE FOR THE DETECTION OF GLUCOSE IN FOOD SAMPLE USING TITANIUM OXIDE NANO COMPOSITE	B.E.	BIOTECHNOLOGY	Dr. JSS ALLWIN EBINESAR	Ms. SHREYA Ms. NANDA LAKKAPPA KURI Ms. RANJITHA R
54.	48S_BE_2042	PILOT STUDY ON INDUCTION-BASED HEALING OF CRACKS ON BITUMINOUS PAVEMENTS USING STEEL SCRAPS	B.E.	CIVIL ENGINEERING	Dr. T. SOUMYA	Mr. ABHINAV AMAN Mr. K SENTHAMILAN Mr. K LOCHAN ADITHYA
55.	48S_BE_5710	REMEDIATION OF PAINT INDUSTRIAL EFFLUENT'S USING RED MUD AND & CITRUS FRUIT PEELS	B.E.	CIVIL ENGINEERING	Prof. BRUNDA G S Dr. P SREEKANTH REDDY	Mr. YASHWANTH H Mr. CHANDRAKANT N NAIK Mr. NAVEEN KUMAR K Mr. SUDHAKAR B K
56.	48S_MCA_0056	INTELLIGENT URBAN RESOURCE MANAGEMENT(IURM): A BIG DATA IOT ENABLED AI SOLUTION FOR SUSTAINABLE CITY DEVELOPMENT	M.C.A.	COMPUTER APPLICATIONS	Mrs. PALLAVI M O	Mr. ABHIJAN S KASHYAP Mr. K RAMESH ADIGA Mr. SHREYANSH PIRAJI Mr. GANESH H Y
57.	48S_BE_4831	AI BASED CODE DEBUGGER PLATFORM (AS BUGFIX.AI)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUJATHA B M	Mr. ADITYA RAJ Ms. KASHISH Ms. MINA KUMARI YADAV Ms. NEHA SRIVASTAVA
58.	48S_BE_3059	DETECTIONS OF DRONES-PASSIVE RADAR USING TV SIGNAL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. DEVASIS PRADHAN	Mr. ABHINAV SHYAM Mr. AKSHAT AGARWAL Mr. ANMOL KUMAR SINGH Mr. SANJAY L

59.	48S_MBA_0041	THE ROLE OF AI IN PROMOTING GREEN HRM PRACTICES FOR SUSTAINABLE WORKPLACES IN BENGALURU	M.B.A	M.B.A	Dr. MONICA M	Ms. SHIFA MOHAMMADI Ms. LAVANYA S S
60.	48S_BE_2352	DESIGN AND DEVELOPMENT OF SAFE AND PRODUCTIVE DISPOSAL OF FLOWERS - USING SOLAR RADIATION AND CONTROLLING UNIT	B.E.	MECHATRONICS ENGINEERING	Prof. SHARVANI GR	Mr. G SUJAN SURAJ Mr. SUJAY S Mr. KISHORE KUMAR R

9. ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
61.	48S_BE_2192	FAKE CURRENCY DETECTION USING IMAGE PROCESSING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PUSHPA RAVIKUMAR	Ms. JISHA JOHN Ms. BHOOMIKA E K Ms. KAVANA K Ms. VARSHINI R
62.	48S_BE_3327	IOT BASED RASPBERRY-PI POWERED OPTOPHONE FOR THE VISUALLY IMPAIRED PEOPLE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. RAVISHANKAR R	Ms. ANU MALLIKA G Ms. SHREYA G Ms. SINCHANA S GOWDA
63.	48S_BE_3387	AI DRIVEN MISSING PERSON DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ABHISHEK N Prof. RAVISHANKAR R	Ms. ANANYA H R Ms. KAVANA D Ms. YASHASHWINI H S
64.	48S_BE_3418	CYBERBULLYING DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SAMPATH S Mr. RAVISHANKAR R	Ms. PRATHA C R Ms. LAVANYA D V Ms. RAKSHITHA H M
65.	48S_BE_3452	INCORPORATING METEOROLOGICAL DATA AND PESTICIDE INFORMATION TO CROP YIELDS USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SAMPATH S Mr. RAVISHANKAR R	Mr. JAYANTH M N Ms. MOULYA M PRASAD Ms. RAKSHITHA P M
66.	48S_BE_3682	PREDICTING AGRICULTURE YIELDS BASED ON MACHINE LEARNING USING REGRESSION AND DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUMAN M.H Mr. RAVISHANKAR R	Ms. SUKHI GOWDA H E Ms. HITHAISHEE G S Ms. SHREYA N S
67.	48S_BE_3715	FLOOD AND LANDSLIDE PREDICTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ANJALI B V Mrs. RAMYASHREE C A	Ms. SARIYA KHAN Ms. CHAYA B R Ms. SNEHA YC
68.	48S_BE_3793	MED-AI - INTELLIGENT DISEASES PREDICTION AND DRUG RECOMMENDATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUMAN M H Mr. RAVISHANKAR R	Mr. KARTHIK R Mr. KIRAN S B Ms. SHREESHA C S

10. ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
69.	48S_MSC_0153	DEVELOPMENT OF BIOPLASTIC FROM AGRICULTURAL RESIDUE (MORINGA OLEIFERA) FOR SUSTAINABLE FOOD PACKAGING APPLICATION	M.Sc	BIOTECHNOLOGY	Dr. BHAVYA D K Dr. P SUDHARANI	Mr. NAGESHA S Y Mr. G PAVAN KUMAR Mr. PRITHVIK S

11. AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
70.	48S_BE_0343	LEGAL DOCUMENT CLASSIFICATION USING NLP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI SINGH S Prof. TRUPTI V	Mr. B SREERAM Mr. ARUNRAJ S Ms. CHINMAYI S NAIK Ms. DIVYA M R
71.	48S_BE_0556	PREDICTIVE MODEL FOR POST-OPERATIVE COMPLICATIONS IN CARDIAC SURGERY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. KEERTHISHREE P V Mrs. ASHWINI SINGH S	Mr. ROHIT KHOT Mr. AKARSH C Mr. CHANDRSHEKHAR S Ms. YASHASWI PRASAD
72.	48S_BE_0584	CLOUD- BASED AI MODEL MONITORING AND DATA DRIFT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. KARTHIK H D Prof. RAKESH S	Ms. LAXMI SHRISHAIL ABBAI Mr. CHANDAN G B Mr. N H M GURUBASAVARAJ Mr. PRAJWAL U
73.	48S_BE_0632	WOMEN'S SAFETY IN INDIAN CITIES USING MACHINE LEARNING ON SOCIAL MEDIA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. G NAZIA SULTHANA Prof. CHAHATH FATHIMA	Ms. BHIMBAYI SHIVAPPA YALAWAR Ms. SRUSHTI Ms. FARIYA SHAIK Ms. MEGHANA V N

74.	48S_BE_3061	AUTISM SPECTRUM DISORDER PREDICTION USING ML AND DL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. NAZIA SULTHANA Mrs. CHAHATH FATHIMA	Mr. CHANDRA MOHAN G N Mr. SANTOSH G Ms. SAMSKRUTHI D R Ms. NEERAJA N S
75.	48S_BE_0617	SMART MOVING CROSS BRIDGE AT RAILWAY STATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ARPITHA H B Mrs. ARSHIYA RUHEEN	Ms. NISARGA N T Ms. SAHANA R Ms. TEJASHWINI SHARANABASAVESH KALLIMATH Mr. ADARSH V R

12. ALVA'S COLLEGE, MOODUBIDIRE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
76.	48S_MSC_0303	HETEROCYCLIC DERIVATIVES AS EFFICIENT CORROSION INHIBITORS FOR MILD STEEL IN 0.5 M HCL	M.Sc	ANALYTICAL CHEMISTRY	Dr. DAMODARA N	Ms. NIREEKSHA Mr. MILINDA S JOSHI Ms. SNEHIKA Mr. H C SAMMED JAIN
77.	48S_MSC_0255	DEVELOPMENT OF CHROMIUM-TRIAZOLE-BASED METAL-ORGANIC FRAMEWORKS (MOFS) FOR ANTICORROSION APPLICATIONS IN MILD STEEL	M.Sc	ORGANIC CHEMISTRY	Mrs. RESHMA V	Mr. MAHAVEERA JAIN K M Mr. RANGANATHA T

13. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
78.	48S_BE_2602	DEVELOPMENT OF LOW-COST SOLAR OPERATED SELF-PROPELLED PADDY HARVESTER	B.E.	AGRICULTURE ENGINEERING	Dr. RAHUL PHATAK Dr. K V SURESH	Mr. KIRAN V Mr. CHETHAN P Mr. JEEVAN KUMAR Mr. KEERTHAN ALVA
79.	48S_BE_2643	DEVELOPMENT OF CORN HUSK CUP MAKING MACHINE	B.E.	AGRICULTURE ENGINEERING	Dr. K. V. SURESH	Mr. CHANDAN BM Mr. USAMA M K Mr. SAWAN SHETTY Ms. K A PREKSHA
80.	48S_BE_0714	MANGROVE MAPPING USING CONVOLUTIONAL NEURAL NETWORKS (CNN).	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. PRADEEP NAZARETH Dr. VINAY S	Mr. SYED TASLEEM AHMED Mr. SHIVARAJ B PATIL Mr. Y JAYAPRAKASH YADAV
81.	48S_BE_1081	PERSON RECOGNITION AND AUTONOMOUS BOT NAVIGATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. HARISH KUNDER	Mr. MAHAMMAD SAHIL Mr. DARSHAN Mr. SHASHANK A PALAN Mr. SHRISHANTH S SHETTY
82.	48S_BE_1674	SMART AGRICULTURE SYSTEM: INTEGRATED AI AND IOT - BASED SMART IRRIGATION, CROP RECOMMENDATION AND DISEASE DETECTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. PRADEEP NAZARETH	Mr. VISHAL D'SOUZA Mr. BHAVISH Mr. SHASHIDHAR G HOSAMANI Mr. PRAMOD S L
83.	48S_BE_2658	FEASIBILITY OF ANN BASED MODEL FOR SUSTAINABLE PADDY CROP YIELD PREDICTION	B.E.	CIVIL ENGINEERING	Ms. ANUSHA B RAO	Mr. RASHEK Ms. BINDYA G S Ms. NIRMITHA A S
84.	48S_BE_3183	DETECTION AND ESTIMATION OF POTHOLES USING GEOSPATIAL AND MACHINE INTELLIGENCE	B.E.	CIVIL ENGINEERING	Prof. SHANKARGIRI K.S. Dr. VINAY S	Mr. SHREE DODDAMANI Mr. LAISHRAM SHEKHERCHANDRA KHUMAN Mr. PRUTHVI M
85.	48S_BE_2697	VISION GUARD EARLY DETECTION OF EYE COMPLICATIONS USING DEEP LEARNING ON IMAGES	B.E.	COMPUTER SCIENCE AND DESIGN	Prof. JAYANTH KUMAR RATHOD	Mr. NAKUL N Mr. DHANUSH A S Mr. KIRAN KUMAR K
86.	48S_BE_1229	MULTI-POSE VIRTUAL TRY-ON WITH IDENTITY AND CLOTHING DETAIL PRESERVATION USING RESNET50, VGG19 AND MOBILENET	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. JAYANTHKUMAR A RATHOD	Mr. JAYAPRAKASH P Ms. ANUSHA N T Ms. JAHNAVI V Mr. VIMALKUMAR U R
87.	48S_BE_1463	REMOTE-CONTROLLED WATER QUALITY MONITORING BOAT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PUSHPARANI M K	Ms. SHARVARI M S Mr. MANOJ M Ms. NAYANA S M Mr. LIKHITH L
88.	48S_BE_2189	UNDERWATER IMAGE ENHANCEMENT BASED ON ADAPTIVE COLOR CORRECTION AND IMPROVED RETINEX ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RIZAWAN N SHAIKH	Mr. ANURAG M S Mr. AKARSH K SHETTY Mr. ALLEN ENOCH Mr. K MADHU

89.	48S_BE_2225	USE OF DEEP LEARNING FOR EARLY DETECTION OF HUMAN DENTAL DEFECTS AND PROBLEMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ABHIJITH L KOTIAN	Mr. SULTAN H NADAF Mr. SRINIVAS M Mr. VISHAL POONACHA K G Mr. SANTHOSH V D
90.	48S_BE_2334	PRECIPITATION ESTIMATES OVER INDIA USING MULTI-SATELLITE APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATH KOTARI Mr. ROUNAQ GOENKA	Mr. SATHISH S Ms. HARSHIKA Mr. GURUKIRAN P
91.	48S_BE_2702	VIRTUAL MATCHING SYSTEM WITH VIRTUAL TRY-ON (VTON) FOR TRANSFORMING ONLINE SHOPPING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. G SRINIVASAN	Mr. ABHISHEK R GADAD Ms. AISHWARYA G D Mr. KAGWADE ABHISHEK Ms. BHAVANA M C
92.	48S_BE_2731	INTEGRATED FOREST FIRE MONITORING AND RISK ASSESSMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAMACHANDRA	Mr. DHEERAJ SHETTY Mr. KARTHIK Ms. SHIBANI Ms. SHIVANI
93.	48S_BE_1089	SMART PARK ASSIST	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. HARISH BHAT N	Mr. NAGABHUSHANA H K Mr. JEEVAN V Ms. LAKSHMI P B
94.	48S_BE_1266	MULTIFUNCTIONAL ROBOT FOR SPECIALLY ABLED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ROSHAN SHETTY Dr. GANESH V N	Ms. SHRAVYA SHETTY Ms. VAISHNAVI VITHAL NAIK Ms. NIVEDITA T PATIL
95.	48S_BE_1637	IOT-DRIVEN BABY CARE SYSTEM USING WSN TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. EESHA POONJA A	Ms. SINDHU K S Ms. SINCHANA R D
96.	48S_BE_1716	DESIGN AND DEVELOPMENT OF A NON-INVASIVE SYSTEM FOR BLOOD GROUP AND GLUCOSE DETECTION USING ADVANCED SENSOR TECHNOLOGIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAPOLEAN Dr. GANESH V N	Ms. RAKSHA Ms. SUMA K G Ms. THEJASHWI P ACHARYA Ms. HURIYA RIYAZ SANADI
97.	48S_BE_2095	CLASSIFICATION AND QUALITY ANALYSIS OF RICE GRAINS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. VIJETHA T S	Ms. VAISHNAVI S Ms. B VENNELA Ms. A S PAVITHRA Ms. MEGHANA L
98.	48S_BE_2324	SMARTPHONE CONTROLLED ROBOTIC ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DATTATHREYA GUJJAR	Mr. SHREYAS S NAIK Mr. VISHWANATH HB Mr. VARUN MD Mr. RAVI KOVI
99.	48S_BE_0346	AGRICHAIN: BLOCKCHAIN-ENABLED AGRICULTURAL SUPPLY CHAIN MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. SUMA J	Mr. MANJUNATH R Mr. SHASHIDHAR M P Mr. SRUJAN K M Mr. SHRAVAN R POOJARY
100.	48S_BE_0152	EFFECT OF COOLING RATE ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF TIN-BISMUTH ALLOYS FOR ELECTRONIC APPLICATION	B.E.	MECHANICAL ENGINEERING	Dr. KUMARSWAMY M C	Mr. AJITH R Mr. SHASHWAT R GOWDA
101.	48S_BE_2794	INVESTIGATION OF TUNGSTEN NANOPARTICLES IMPACT ON THERMAL PROPERTIES, STABILITY AND HEAT RESISTANCE OF GLASS FIBRE POLYMER COMPOSITES.	B.E.	MECHANICAL ENGINEERING	Dr. GURUSHANTH B VAGGAR	Mr. NARAYAN V Mr. DHARSHITH A Mr. PRAVEEN VEERAPPA CHAVADI
102.	48S_BE_2970	DESIGN AND FABRICATION OF AUTOMATIC ARECANUT SORTING MACHINE USING IMAGE PROCESSING AND IOT TOOL	B.E.	MECHANICAL ENGINEERING	Prof. SARATHCHANDRA PRABHU	Mr. MELWIN VINAY SERA Mr. MOHAMMED SWALIH

14. AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
103.	48S_BE_3618	DESIGN & DEVELOPMENT OF A LOW-COST COMPACT 3D PRINTER FILAMENT EXTRUDER	B.E.	MECHANICAL ENGINEERING	Dr. PRASHANTH B.N.	Mr. KUMBHAM SAI MAHESH Mr. VIGNESH NEELAKANTAN IYER
104.	48S_BE_6258	INVESTIGATION OF MECHANICAL PROPERTIES OF BAMBOO NANOCELLULOSE REINFORCED BIOCOMPOSITES FOR FOOD PACKING APPLICATION	B.E.	MECHANICAL ENGINEERING	Dr. R PRAMOD	Mr. D. CHARITH KUMAR Mr. D. BHANU SAI RAM

15. AMRITA VISHWA VIDYAPEETHAM, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
105.	48S_MCA_0080	IOT-ENABLED SMART GREENHOUSE MANAGEMENT: INTEGRATING BIOFEEDBACK SYSTEMS AND SUSTAINABLE PRACTICES FOR ENHANCED AGRICULTURAL EFFICIENCY	M.C.A.	COMPUTER APPLICATIONS	Dr. RAVINDRANATH G Dr. ADWITIYA MUKHOPADHYAY	Ms. GANA C U Mr. MALLIKARJUNASWAMY S

16. AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
106.	48S_BE_4473	ECO-FRIENDLY TILES FROM COCO DUNG	B.E.	CIVIL ENGINEERING	Prof. VIDYA B R	Ms. RASHMI Mr. SHASHIDHAR KOVI Mr. HARISH M
107.	48S_BE_0321	LORAWAN-DRIVEN INTELLIGENT MEDICAL WASTE MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ANIL KUMAR	Mr. CHANDAN KUMAR L Mr. SANJAY K A Mr. GIRISH H Mr. NANDAN M G
108.	48S_BE_0578	DECENTRALIZED TRACEABILITY AND DIRECT MARKETING OF AGRICULTURE SUPPLY CHAINS WITH QR SCANNER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRIDHARA S B	Ms. SHILPA S N Ms. AISHWARYA S G Ms. BHOOMIKA B M Ms. VARSHITHA D
109.	48S_BE_1052	NEXT GENERATION DEMOCRACY BASED ONLINE ELECTION SYSTEM USING BLOCKCHAIN WITH SECURITY FEATURE ENHANCEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRIDHARA S B	Mr. GAGAN GOWDA C K Mr. ADARSHA G V Mr. CHANDAN B Mr. GURUKIRAN
110.	48S_BE_3506	INTEGRATED IOT BASED DAM AUTOMATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VEERESH PATIL Prof. CHETHAN S	Ms. RAKSHITHA Mr. RITESH MAHENDRAKAR Mr. DILIP N
111.	48S_BE_2885	DEVELOPMENT OF AN ARDUINO CONTROLLED PESTICIDE SPRAYER ROBOT FOR AGRICULTURE	B.E.	MECHANICAL ENGINEERING	Prof. NAGAPPA PATTANASHETTI	Mr. THIRUMALA REDDY K Ms. MANYA S L Mr. VINAY KUMAR Y

17. ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
112.	48S_BE_4727	RECOGNITION OF DRIVING LICENSE FROM VEHICLE NUMBER PLATE USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. DATTATREYA CHOUDHARI	Ms. SHRINIDHI R BOLAGOND Ms. SHIVANI A PATIL Ms. SHWETA U MANKANI Ms. TRUPTI A DESHAPANDE
113.	48S_BE_4989	AUTOMATED WHITE BLOOD CANCER DETECTION FROM BONE MARROW USING CNN	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. VAIBHAV CHAVAN Prof. DATTATREYA CHOUDHARI	Ms. RADHIKA BHANGI Ms. SRUSHTI MUDDI Ms. POOJA K K Ms. ACHAL JANAMATTI
114.	48S_BE_5214	AGRITECH - AI-DRIVEN PLANT IDENTIFICATION, AGRICULTURAL ASSISTANCE (CHATBOT) WITH DOCKER ENABLED DEPLOYMENT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. SAGAR BIRJE Prof. DATTATREYA CHOUDHARI	Mr. ABHISHEK GANJIGATTI Mr. ADARSH GAYADOLLI Ms. CHAITALI JOSHI Mr. MANOJ SHEKHAR
115.	48S_BE_5336	CLOUD STORAGE DE-DUPLICATION WITH ENHANCED SECURITY	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. VAIBHAV CHAUHAN	Ms. AASHNA KUNNIBHAVI Mr. CHETAN WADEYAR Ms. MONIKA M Mr. SWAPNIL NIPPANIKAR
116.	48S_BE_5434	SPEAKSYNC - TRANSFORMING LIP MOVEMENTS INTO TEXT WITH AI PRECISION.	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. SAGAR BIRJE	Mr. PRASAD A NANDESHWAR Ms. BHAVANA KALLOLI Mr. DANAPPA DAYYAPPANAVAR Ms. NEELAMBIKA FATAKAL
117.	48S_BE_4842	COST EFFECTIVE BRIDGE FOR RURAL CONNECTIVITY	B.E.	CIVIL ENGINEERING	Mr. SAGAR L. BELGAONKAR Mr. RAVI B. TILAGANJI	Mr. ROHIT V. HALAKI Ms. TULSI P. DHOTRE Mr. BALESH M. KULLUR Mr. TANVEER LASHKARI
118.	48S_BE_4286	EARLY FETAL HEALTH DETECTION USING CARDIOTOCOGRAPHY WITH MACHINE LEARNING MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRIYANKA SHEELAVANTAR	Ms. SWAPNA HONNAKASTURI Mr. SUDEEP PATIL Ms. VIJAYLAXMI MARAPUR Ms. SOUBHAGYA MADAR

119.	48S_BE_4780	SMART EDUCATIONAL ECOSYSTEM WITH AUTOMATED MONITORING AND COLLABORATIVE TOOLS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VILAS JARALI	Mr. YUGANT D. KOULGEKAR Mr. PRAMOD TOPANNAVAR Mr. PRATHAMESH MANOHAR KUMBAR Mr. SIDDAPPA IRAPPA TOTAGER
120.	48S_BE_5029	ADVANCED MULTI-FACE RECOGNITION AND ATTENDANCE SYSTEM FOR COLLEGES USING REAL-TIME VIDEO PROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VIDYADAR HANJI	Ms. POONAM SATISH NIMBALKAR Ms. ANUSHA ANAND BELAVI Ms. SHRADDHA MALLIKARJUN NEMAGOUDAR Ms. KHUSHITA BALACHANDRA GOUDAR
121.	48S_BE_5251	ANIMAL HEALTH MONITORING AND VETERINARY APPOINTMENT SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MANJUNATH PATIL	Mr. ABHISHEK M MUDKI Mr. ABHISHEK Mr. PRADEEP S MENASINAKAYI
122.	48S_BE_4484	RECYCLING PLASTIC BOTTLES INTO SUSTAINABLE 3D PRINTING FILAMENT AND ELECTRICAL INSULATOR MATERIAL	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. VINAY PATTANASHETTI	Mr. SANDESH A MANTRI Mr. SHIVABASAYYA MATHAD Mr. AMAN WAKILKAR Ms. DEEPTHI KURBET
123.	48S_BE_4486	DESIGN AND DEVELOPMENT OF A PYRAMID SOLAR STILL USING PHASE CHANGE MATERIAL AS STORAGE MEDIUM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RAJENDRA GHIVARI	Mr. SHRIRAM S. DESHPANDE Ms. DANESHWARI B. JAMBAGI Mr. RAHUL G MEESHI Mr. SHRIDHAR P DHADUTI
124.	48S_BE_4487	SOLAR BIOMASS HYBRID DRYER FOR FARMERS AND RURAL COMMUNITY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KANTESH D C	Mr. ADITYA KULKARNI Ms. DEEPTI CHOUGALE Mr. MALLU ARUTAGI Mr. SAGAR RATHOD
125.	48S_BE_4497	IMPROVED BIOMASS COOK STOVE FOR RURAL AND MOUNTAINOUS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KANTESH D C	Ms. PRERANA PANCHAKATTIMATH Ms. SRUSHTI MAGI Mr. BHALCHANDRA SUGATE Mr. SHASHANK GADAD
126.	48S_BE_1782	DESIGN AND FABRICATION OF BIODEGRADABLE CORN HUSK ECO CHIC BOWL MAKING MACHINE FOR AGRICULTURE ARTISTRY	B.E.	MECHANICAL ENGINEERING	Prof. RAHU SHERI	Mr. MAHMADA SAMEER NALABAND Mr. AMARNATH HANJI Mr. ATHARVA KHASBAG Mr. VIJAYKUMAR SIDNAL
127.	48S_BE_2170	DESIGN AND FABRICATION OF LOW COST SUGARCANE TRASH REMOVAL MACHINE FOR USE IN SMALL FIELDS TO HELP MARGINAL FARMERS	B.E.	MECHANICAL ENGINEERING	Prof. V.SUSHANTHKUMAR	Mr. SANDEEP DANDAGAL Mr. CHETAN YAVAGAL Mr. SHRIDHAR BHADACHE Mr. SUNIL MARAKATTI

18. ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
128.	48S_BE_6400	DECENTRALIZED IOT SECURITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHRISHAIL BHAT	Mr. MOHAMMED ARZAN Mr. SHASHANK PATGAR Mr. MOHAMMED ISMAIL Ms. FATIMA MERAJ

19. ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
129.	48S_BE_1195	INNOVATIVE HYBRID ADSORBENT SYSTEMS: A SUSTAINABLE SOLUTION FOR SUPERIOR NITRATE AND PHOSPHATE REMOVAL FROM WATER	B.E.	CIVIL ENGINEERING	Mrs. PRIYANKASHRI K N Mr. SURENDRA H J	Mr. RISHI DEVDATT Mr. PRADEEP S M Mr. PRAJWAL D S Ms. POOJA C U
130.	48S_BE_5620	ASTHMAEASE - A PERSONAL HEALTHCARE SMART DEVICE FOR ASTHMA PATIENTS	B.E.	COMPUTER SCIENCE AND DESIGN	Prof. CHAITRA P	Mr. VARUN B C Mr. SHAFI AHMED SHARIFF Mr. SRIHARSHA S Mr. ARJUN T G
131.	48S_BE_1847	BRIDGING REALITY AND PREPAREDNESS - LEVERAGING VR SIMULATION FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR DISASTER RESPONSE TRAINING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN	Ms. KEERTHANA SHARMA Ms. BIDHYA DANU Ms. AIMAN FATHIMA Ms. ANUSHA GUPTA

132.	48S_BE_2169	SKILLORBIT: YOUR GATEWAY TO KNOWLEDGE AND OPPORTUNITIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN Prof. PREETHA M	Ms. SNEHA R Ms. CHAITHANYA KC Ms. MANASA S Ms. SNEHA N
133.	48S_BE_2591	COPYRIGHT INFRIGNMENT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN	Mr. K SREE HARSHA Mr. KARTHIK R Mr. ANIKETH K Mr. KUSHAL S
134.	48S_BE_2858	AI-BASED TOOL FOR PRELIMINARY DIAGNOSIS OF DERMATOLOGICAL MANIFESTATIONS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRADEEP KUMAR	Mr. SHASHANK ANAND Mr. KISHORE JAT Ms. SHAIMA FARHATH Ms. ALISHA KHALID
135.	48S_BE_2900	SENTIMENT ANAYSIS ON LEGAL EVIDENCES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GEETHA N Dr. DEVI KANNAN	Mr. S MARK KEVIN Mr. PRAJWAL R Mr. SADBHAV Mr. SANATH K R
136.	48S_BE_2903	AUTISM DETECTION AND COGNITIVE REHABILITATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN Prof. SATHYA V	Ms. VAISHNAVI NS Ms. YASHASWINI JV Ms. RASHMI C Ms. SNEHALATHA REDDY
137.	48S_BE_3182	DEVELOPMENT AND IMPLEMENTATION OF A CROSS-PLATFORM RACING GAME	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MARY ANGEL	Mr. SUBHAM YADAV Mr. SYED SAHIL GHOUSE Mr. T GURU SAI CHARAN Mr. SARVESH RAJU BAVACHE
138.	48S_BE_3433	TRAVEL TOGETHER - A TRAVEL BUDDY FINDER SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN Prof. PRIYANKA K	Mr. SANSKAR RAJ Mr. RISHABH KUMAR Mr. ROHITH H CHAVAN Mr. MUTHURAJ R
139.	48S_BE_3442	AYUPHARMA: LEVERAGING AYURVEDIC CLASSICAL TEXTS FOR DISEASE-SPECIFIC DRUG RECOMMENDATIONS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GEETHA N	Ms. D MAMTHA Ms. DARSA VINDHYA Ms. DIVYA KEERTHI M Ms. NARE JAHNAVI REDDY
140.	48S_BE_4399	AIML BASED CROWD MANAGEMENT AND CRIME DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. TANU KAUSHIK Dr. DEVI KANNAN	Mr. ADITYA SHARMA Mr. AMRITANSHU SINGH Mr. MOHAMMED SHAHID Mr. MESAM HUSSAIN
141.	48S_BE_5207	POTHOLE DETECTION AND MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRATHIMA ANANTHA	Mr. SHARATH M H Mr. JATIN SUHAS S Mr. KAMAL GOWDA KMK Mr. SHREYAS N
142.	48S_BE_3962	VOICE CONTROLLED WATER DISPENSER USING AI-IOT	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. RAKHI S Prof. BHASKAR M K	Ms. E A GOWRI Ms. LIKHITHA SWAMY Mr. MANOJ B
143.	48S_MBA_0102	HEALTH ISSUES OF SOILD WASTE COLLECTORS IN RURAL KARNATAKA	M.B.A	HUMAN RESOURCE & ANALYTICS	Mrs. ARCHANA R MOTTA	Mr. ABHISHEK A Mr. ADITYA R HEMNUR Ms. AKSHATHA V Ms. MEGHANA N
144.	48S_BE_1621	IOT-BASED INTRAVENOUS (IV) FLUID MONITORING AND ALERT SYSTEM FOR AUTOMATED PATIENT CARE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. OM PRAKASH Dr. KAVITHA S PATIL	Ms. FAIZA ANJUM DANDU Ms. CHINMAYEE B N Mr. JEEVAN KRISHNAPPA
145.	48S_BE_2379	HEALTH MONITORING WEARABLE DEVICE FOR CATTLES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. S ASMA BEGUM Dr. DEEPAK N R	Mr. DHRUV KUMAR SAHU Ms. DIKSHA SINGH Ms. NIKITA KUMARI
146.	48S_BE_4251	MediGPT - EXPLORING POTENTIALS OF CONVENTIONAL AND LARGE LANGUAGE MODELS ON MEDICAL DATA	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. JYOTI METAN Dr. ANANDA KUMAR	Ms. VARSHINI RANGANATH Ms. SAMEKSHA Ms. SEREEN VARGHESE Ms. RITHIKA.P
147.	48S_BE_5063	CHANGE DETECTION IN SATELLITE IMAGERY : ASSESSING HUMAN IMPACTS WITH DEEPLEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHRUTHI B Dr. DEEPAK N R	Mr. INDUDHAR H S Mr. ABHISHEK S BHARADWAJ Mr. HEMANTH J
148.	48S_BE_5475	DETECTION OF ADULTERATION IN FRUITS USING IOT AND MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. S. VINOTH KUMAR Dr. DEEPAK N R	Mr. G R VAIBHAV REDDY Mr. HEMANT KUMAR K B Ms. SAMPRITA SANTOSH NAIK
149.	48S_BE_3082	INVESTIGATION ON TRIBIOLOGICAL PROPERTIES OF GRAPHENE REINFORCED COPPER	B.E.	MECHANICAL ENGINEERING	Mr. PRAVEEN KUMAR BC	Mr. NM YASHAS Mr. ANKITH GOWDA C Mr. MOHAMMED UWAIES Ms. PRERANA R
150.	48S_BE_3095	INNOVATIVE PROCESS OF LPG GENERATION AND FUEL PRODUCTION	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA C J Dr. SRINIVASA CHARI V	Mr. RAKSHITH C Mr. ROHITH S Mr. SHAKEEL IQBAL Mr. VISHNU PRASAD K N
151.	48S_BE_5910	STUDY ON MICROSTRUCTURE, MECHANICAL PROPERTIES AND MACHINABILITY BY DIRECT LASER DEPOSITION	B.E.	MECHANICAL ENGINEERING	Dr. SRINIVASA CHARI V	Mr. VISHWANATH S THADI Mr. P M ARSHAD Mr. RAUL ALWIN DIAS Mr. ABHISHEK M

20. B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA

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152.	48S_BE_0033	CYBER HACKING BREACHES PREDICTION AND DETECTION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. SMITHA K Mrs. KSHAMA K B	Ms. SHWETHA V Mr. SOWRAV H S Mr. RAGHAVENDRA KUMAR B
153.	48S_BE_1551	WOMEN EMPOWERMENT THROUGH E-COMMERCE WITH ARTIFICIAL INTELLIGENCE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. SMITHA K	Ms. BHOOMIKA C V Ms. GAGANA K Ms. AYESHA SIDDIKHA
154.	48S_BE_1872	GARBAGE CONTENT ESTIMATION AND PREDICTION USING IOT AND MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. ANIL KUMAR K B	Mr. JAYANTH P S Mr. CHANDAN H M Mr. KISHAN GOWDA V S
155.	48S_BE_1913	AUTOMATIC DETECTION OF BRAIN TUMORS USING CONVOLUTIONAL AND RECURRENT NEURAL NETWORK	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SIDDARATHA B K Ms. BINDU K N	Ms. RAMYASHREE S GOWDA H S Ms. SUPRIYA M S Mr. NISCHITH N
156.	48S_BE_1938	AI SPECTURM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. NISCHITHA A R Ms. BINDU K N	Ms. HARSHITHA M E Ms. PUNYA G Ms. KEERTHANA GOWDA J
157.	48S_BE_1990	CROP DISEASE PREDICTION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. VIDHYA S G	Ms. KARUNA SHREE T Ms. JNANA D N Ms. KRUTHI K V
158.	48S_BE_2022	MACHINE LEARNING-BASED EARLY DETECTION AND INTERVENTION FOR MENTAL HEALTH ISSUES IN CHILDREN	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. VIDHYA S G Mrs. AFSHA FIRDOSE	Ms. G A SHREYA Mr. M H KRUTHIK Mr. SAGAR D P
159.	48S_BE_2565	AUTOMATED DETECTION OF RETINOPATHY OF PREMATURITY USING QUANTUM MACHINE LEARNING AND DEEP LEARNING TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. CHANDRIKA B N Mrs. KSHAMA KB	Mr. VILAS DEV Mr. B R SURYA Mr. ADITHYA S Ms. LAVANYA D C
160.	48S_BE_2649	YOLO POWERED SMART GLASSES FOR ENHANCED VISION ASSISTANCE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. CHANDRIKA B N Ms. SMITHA K	Mr. PRUTHVI H C Mr. MANOJ GOWDA D S Mr. POORVIK GOWDA V S
161.	48S_BE_1996	INTEGRATING IOT FOR SMART GREEN ENVIRONMENT: A REAL TIME AIR QUALITY MONITIORING APPROACH FOR ADICHUNCHANAGIRI CAMPUS	B.E.	CIVIL ENGINEERING	Dr. MANJULA K Mr. MAHALINGEGOWDA HR	Mr. SUMANTHA GA Mr. ARUN KUMAR M S Mr. JAYANTH K R Mr. MALLIK GOWDA
162.	48S_BE_1576	TRANSFORMING DRINKING WATER QUALITY ANALYSIS WITH ARTIFICAL INTELLIGENCE : MAYSANDRA HOBLI TURUVEKERE	B.E.	CIVIL ENGINEERING	Mr. AMITH B J Mr. SACHIN M S	Mr. VISHWANATHA M Mr. HALESH P H Mr. AKASH R Ms. VIDYARANI M
163.	48S_BE_1994	MECHANICAL CHARACTERIZATION OF PINEAPPLE LEAF FIBER FOR ALTERNATIVE BUILDING MATERIAL	B.E.	CIVIL ENGINEERING	Ms. ANUSHA P Mr. AKSHAY KUMAR H S	Ms. VIJAYALAKSHMI H R Mr. PRAJWAL S M Mr. NIHAR T V Mr. SUMANTH GOWDA B L
164.	48S_BE_2588	SOLID WASTE MANAGEMENT IN EDUCATIONAL INSTITUTION : A CASE STUDY OF ADICHUNCHANAGIRI INSTITUTION	B.E.	CIVIL ENGINEERING	Dr. SHRUTHI R	Mr. MANOJ HN Mr. CHANDAN N Mr. PRAMOD KUMAR D Mr. DARSHAN GOWDA D
165.	48S_BE_0043	EARLY PREDICTION OF CVA USING AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SAHANA D GOWDA Mrs. ARPITHA K	Mr. CHANDU M Ms. CHINTHANA Mr. BASAVARAJ
166.	48S_BE_0046	IOT BASED ROBUST MACHINE LEARNING BAND TO PREDICT HEART DISEASE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHASHIKALA S V Mrs. ARPITHA K	Ms. THANUSHREE S Mr. RAKSHITH GOWDA M Ms. SUHANI SS GANGATIKA
167.	48S_BE_0065	VOICE BASED EMAIL SYSTEM FOR THE VISUALLY CHALLENGED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. PALLAVI N R Mrs. ARPITHA K	Ms. ANKITHA N C Ms. MEGHANA G S Ms. NIKITHA V M
168.	48S_BE_0070	CERVICAL CANCER DETECTION USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. MAHESH R Mrs. ARPITHA K	Ms. GREESHMA P Ms. KEERTHANA N S Mr. RACHAN GOWDA N J
169.	48S_BE_0104	ENHANCED FACIAL RECOGNITION FOR CRIMINAL AND MISSING PERSON ID USING FACENET AND MTCNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NANDINI S R Mrs. ARPITHA K	Ms. SPOORTHI M Mr. SUMITH H K Ms. THANUSHREE N
170.	48S_BE_0645	PARKINSON DISEASE PREDICTION FOR VOICE FEATURES EXTRACTED USING SUPERVISED ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ARPITHA K Mrs. SWETHA K R	Ms. SRUJANA H R Ms. PRAKRUTHI D K Ms. THEJASHWINI B
171.	48S_BE_0840	DETECTION OF ACUTE LYMPHOBLASTIC LEUKEMIA AND SUBTYPES USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NANDINI N S Mrs. ARPITHA K	Ms. SADIYA SHAIKH Ms. UZMA AFREEN Ms. VANISHA Y GOWDA
172.	48S_BE_1582	SMART SHOE FOR VISUALLY DISABLED INDIVIDUALS WITH OBJECT DETECTION AND PIT DETECTIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. BALAJI B S	Mr. CHANDAN GOWDA M S Mr. CHANDU KUMAR L E Mr. DHAKSHATH S Mr. SANJAY T S

173.	48S_BE_2283	INTELLIGENT WATER MANAGEMENT AND DAM AUTOMATION SYSTEM USING DEEP LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. PRABHAVATHI K Mrs. ANUSHA M N	Ms. JEEVITHA R Ms. KEERTHANA N Ms. KOMALA A G Mr. HONNESHA Y T
174.	48S_BE_2589	CRADLE CARE: INTELLIGENT BABY MONITORING WITH SOOTHING AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. M B ANANDARAJU Dr. MANOJ KUMAR S B	Mr. VENU P S Mr. RAJASHEKAR K S Ms. SHWETA BHIMRAY PASARE Mr. VIKAS GOWDA B N
175.	48S_BE_4474	AUTONOMOUS RIVER DEPTH PLOTTING ROBOT TO PREVENT DROWNING ACCIDENTS IN TOURIST AREA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. DEEPAK R Dr. VIJAY KUMAR GOWDA B N	Ms. CHANDANA M Ms. AMRUTHA V M Ms. ANANYA P Ms. ANKITHA C
176.	48S_BE_0347	IOT BASED INTEGRATED REAL TIME BUS TRACKING AND PASSENGER SEAT AVAILABILITY SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. YOGAPRAKASH M G Mrs. AFSHA FIRDOSE	Mr. SAI GANESH REDDY D Ms. ANUSHA I PATIL Ms. NIRMITHA P R
177.	48S_BE_2243	ESTABLISHING A FRAMEWORK FOR FRUIT QUALITY CLASSIFICATION USING AI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. YOGAPRAKASH M G Mrs. AFSHA FIRDOSE	Ms. BHAVANA H Ms. SPANDANA C B Ms. YASHASWINI M G
178.	48S_MBA_0194	E - COMMERCE PLATFORM FOR SELF-HELP GROUPS	M.B.A	M.B.A	Mr. PURUSHOTHAMMA B N Mr. RAGAVENDRA	Ms. ANUSHA D S Mr. INDRU K V Mr. SATHVIK N K Mr. PRAJWAL D R
179.	48S_BE_5010	SEMI AUTOMATIC FIELD LINE MARKING ROBOT	B.E.	MECHANICAL ENGINEERING	Mr. SANTHOSH KUMAR T C	Mr. BALAJI H V Mr. HEMANTH GOWDA MD Mr. YASHWANTH.M

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180.	48S_BE_2218	USE OF SUGARCANE BAGASSE ASH AND SILICA FUMES AS A PARTIAL REPLACEMENT FOR CEMENT IN STABILIZATION OF MUD BLOCKS	B.E.	CIVIL ENGINEERING	Prof. S B TALAVARA	Ms. HARSHITA P CHOUKIMATH Ms. GOURI UKKALI Ms. KAVERI I BIRADAR Ms. PRIYA D NAIK
181.	48S_BE_2480	EXPERIMENTAL INVESTIGATION OF NEGATIVE CARBON CONCRETE USING BIOCHAR IN CONCRETE BLOCK	B.E.	CIVIL ENGINEERING	Prof. M. B. ISHWARAGOL Prof. M.Q. PATEL	Ms. SEEMA SAVALAGI Ms. SUDHA GOULI Ms. SWATI RAMARATH Ms. SHAKINYA KULKARNI
182.	48S_BE_3753	ECOFRIENDLY SELF CURING CONCRETE USING POLYETHYLENE GLYCOL 600 AND GGBS	B.E.	CIVIL ENGINEERING	Prof. S B TALAVARA	Ms. AISHWARYA KOTYAL Ms. AISHWARYA MANTUR Ms. PRABHAVATI BIDARI
183.	48S_BE_6496	AI DRIVEN CONTENT GENERATION FOR EDUCATION	B.E.	COMPUTER SCIENCE AND ENGENEERING	Prof. PRATAP SOLAPUR	Ms. ARPITA METRI Ms. ANUSHA TALIKOTI Ms. KAVYA HANAMASHETTI Ms. KAVYA K B
184.	48S_BE_2203	RECONSTRUCTION AND ANALYSIS OF SHREDDED AND RIPPED-UP DOCUMENTS USING DEEP LEARNING FOR FORENSIC INVESTIGATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANIL KANNUR	Ms. NISARGA KULKARNI Mr. PRATIK PUJARI Mr. RAJANISH BIRADAR Ms. REKHA CHAVAN
185.	48S_BE_2362	REAL TIME AUTOMATIC CRIME DETECTION THROUGH ALARM SIGNAL TO POLICE USING AI TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUVARNA L.KATTIMANI	Ms. SEJAL GHANSHYAM TOSNIWAL Ms. SARITA PATIL Mr. SHREYAS BENUR
186.	48S_BE_2889	SKIN CANCER CLASSIFICATION AND DETECTION USING MACHINE LEARNING AND DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VEENA A PATIL	Mr. SHARANABASU TELI Mr. ABHISHEK KUNDARAGI Mr. MOHAMMADKAIF SHAMASHUDDIN MULLA Mr. RAJENDRA RAVINDRA JALALPURE
187.	48S_BE_2975	PREDICTION OF SAFETY OF LOCATION FOR WOMEN AT GIVEN TIME	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANAND JUMNAL	Mr. PRAJWAL IJANTKAR Ms. ANANYA KULKARNI Ms. SRISTI KULKARNI Ms. SONALI JAVALKAR
188.	48S_BE_3663	VIDEO-TO-TEXT SUMMARIZATION AND SENTIMENT ANALYSIS USING AI TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUVARNA LAXMIKANT KATTIMANI	Ms. PRAVALIKA M JOSHI Ms. PRERNA GIRGONKAR Ms. RAKSHITA S PATIL Ms. SAHANA S NAGARAL
189.	48S_BE_4544	GESTURES CONTROLLED VIRTUAL MOUSE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SANTOSHKUMAR .S. DEWAR	Ms. SINDHU BADIGER Ms. SUMA BORANNAWAR Ms. SUNAYANA DESHPANDE Ms. RAKSHITA PATIL
190.	48S_BE_5457	ANOMALY DETECTION MODEL FOR ATM MONITORING USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GAYATRI BAJANTRI	Ms. TEJASHWINI M PATIL Ms. VEENA M ISAREDDY Ms. SWATI M KANNURE Ms. SWATI N HONASURE

191.	48S_BE_6356	SPEECH RECOGNITION USING LIP MOVEMENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ROOPA CHAVAN	Mr. HARSH SULAKHE Mr. RAJESAB NADAF Mr. INAYAT SANNADI Mr. MOIN KHAN
192.	48S_BE_0465	AUTOMATED STUDENT ATTENDANCE AND ENGAGEMENT ANALYSIS VIA FACIAL DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ANNADANESH JAVAJI Dr. PRAKASH UNKI	Mr. MOHAMMAD NAVAMAN JAMADAR Mr. RAM GURUNATH CHIKKARADDI Mr. MOHIN MULLA Mr. FARDEEN SHAIKH
193.	48S_BE_1277	DEEP FAKE DETECTION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PRADEEP DESHPANDE	Mr. HARSH TOLAGATTI Mr. VAIBHAV KHASNIS Ms. VISHALAXI MATH Ms. RAHELLA PATEL
194.	48S_BE_1792	APPLICATION BASED WEATHER MONITORING USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VISHWANATH CHIKARADDI	Mr. OMPRAKASH GHORPADE Ms. SWARNAGOURI SAMALAD Ms. NEELAMMA SHABADI Mr. SHASHANK MANGALAVEDI
195.	48S_BE_2712	GRAPES LEAF DISEASE DETECTION AND CLASSIFICATION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VISHWANATH CHIKAREDDI	Ms. MADHU CHAPPALGAON Ms. SHAMBAVI ANANTAPUR Ms. SAMARITA MENASINAKAI Ms. POOJA SANADI
196.	48S_BE_2771	AGRICULTURE ROBOT WITH REAL TIME FARMER INTERACTION FOR SEEDING AND FERTILIZER CONTROL SYSTEM AND VIDEO STREAMING TECHNIQUES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SUPRIYA PATIL	Ms. PALLAVI PUJARI Mr. PRADEEP KATAGERI Ms. SAKSHI SUREBAN Mr. BASAVARAJ JADHAV
197.	48S_BE_1129	IKS (INDIAN KNOWLEDGE SYSTEM) BASED HEALING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. G B GOUR Dr. B M ANGADI	Mr. CHETAN N PATIL Mr. VISHWANATH S HIREMATH Mr. GANESH L KULKARNI
198.	48S_BE_3319	DESIGN AND DEVELOPMENT OF RICE PLANTATION MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. N. S. MATHAPATI	Mr. ABHISHEK LAKKAPPAGOL Mr. PRASANNA VANTAGUDI Mr. PRAVEEN NADAGERI Mr. SAKRAPPA
199.	48S_BE_3752	SOLAR ELECTRIC BICYCLE	B.E.	MECHANICAL ENGINEERING	Prof. SANTOSH S. CHAPPAR Dr. S. G. CHOLAKE	Mr. MOHMEDAYYAN PATWEGAR Mr. AYAZ SHAIKH Mr. AHMED KOLHAR Mr. MAAZ ASNAGI
200.	48S_BE_5465	AGRICULTURAL FARM POND (KRISHI HONDA) CLEANING MACHINE FOR PREVENTING ACCIDENTAL DEATHS & TO IMPROVE AQUATIC LIFE	B.E.	MECHANICAL ENGINEERING	Dr. B M ANGADI Dr. R N JEERAGAL	Ms. SANJANA.BAGALI Ms. SHIVALEELA N PATIL Ms. BASAVRAJESHWARI.HAGEDAL Ms. PRATEEKSHA.KAMBLE

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201.	48S_BE_5896	MULTIMODAL AI FOR AUTONOMOUS CARS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SANDEEP VARMA N	Ms. ILAA S CHENJERI Ms. ANUSHKA RAJGIRI Ms. DYUTHI B V
202.	48S_BE_4559	SCREENING OF OVEREXPRESSED HUMAN ENZYMES IN TRIPLE NEGATIVE BREAST CANCER FOR IDENTIFYING POTENTIAL BIOMARKERS	B.E.	BIOTECHNOLOGY	Prof. DIVIJENDRANATHA REDDY SIRIGIRI	Ms. AISHWARYA HS Mr. ANJAN P KUMAR Ms. ASNA ZAINAB Ms. CHETANA V
203.	48S_BE_4389	3D PRINTED PLA REINFORCED WITH HAP/CS FOR FLUORIDE REMOVAL	B.E.	CHEMICAL ENGINEERING	Prof. SHABNAM SIDDIQUI	Ms. SEEMA N POOJARY Ms. VAISHNAVI K Mr. BALA MURUGAN Mr. SOHAM SIDDHANTA
204.	48S_BE_6005	DEVELOPMENT OF A NOVEL MEMBRANE PROCESS TO CONCENTRATE POMEGRANATE JUICE	B.E.	CHEMICAL ENGINEERING	Dr. CHETAN A NAYAK	Ms. KEERTHANA NAGESH Ms. GUNASHREE B M
205.	48S_BE_2437	ENVIRONMAENTAL APPLICATION OF GEOPOLYMER CONCRETE CONTAINING C&D WASTE FOR WATER PURIFICATION	B.E.	CIVIL ENGINEERING	Dr. MANJUNATH S V Prof. SREENIVASA MURTHY A	Ms. RAMYA H R Mr. SACHIDANANDA BENNER KN Mr. SHUVANJAN JUNG BASNET Mr. SUTEERTH A

206.	48S_BE_4055	FRCM BASED SUITABILITY STUDIES ON PERFORMANCE ENHANCEMENT OF SEISMIC RESILIENT AND MASONRY STRUCTURES IN RURAL AREAS	B.E.	CIVIL ENGINEERING	Dr. MANISH S DHAREK	Ms. SHRAVANI Mr. TARUNKUMAR K O Mr. SHANKAR PATTAR Mr. SURAJ I R
207.	48S_BE_4851	SYNERGISTIC RECLAMATION OF BIOMEDICAL WASTE ASH AS A PARTIAL SAND SUBSTITUTE: IMPACT ON THE STRENGTH BEHAVIOR OF STABILIZED MUD BLOCKS	B.E.	CIVIL ENGINEERING	Prof. DEEPA T Dr. K. ASHA	Mr. JAY GANESH Mr. SHARANA BASAVA Mr. SHASHI KUMAR K B Mr. JAYANTH KUMAR L
208.	48S_BE_4954	EXPERIMENTAL STUDIES ON RETROFITTED MASONRY BUILDING MODELS FOR RURAL AREAS SUBJECTED TO SHOCK LOADING FOR SEISMIC MITIGATION	B.E.	CIVIL ENGINEERING	Dr. MANISH S DHAREK	Mr. AKASH K A Mr. ABHILASH M MOKHASHI Mr. ARUN V G Mr. DARSHAN V SHETTI
209.	48S_BE_6466	STUDY ON ALKALI ACTIVATED BIOMASS BASED MASONRY UNITS	B.E.	CIVIL ENGINEERING	Prof. VIBHA V.	Mr. PRAJWAL Mr. R VINAYAK SHESHADRI Mr. PAVAN Mr.YASHPAL KUMAR
210.	48S_BE_6003	TRACKING AND ANALYSIS OF WATER QUALITY PARAMETERS IN LAKES OF THE KC VALLEY	B.E.	CIVIL ENGINEERING	Dr. RESHMI DEVI T V Ms. KHUSHBU	Ms. MEGHANA RAJU Mr. PRAJWAL M Mr. PRANAV R P Mr. PRASHASTH P
211.	48S_MTECH_0064	LOW COST WIRELESS IOT SENSOR BASED DAMAGE ASSESSMENT AND SUSTAINABLE RETROFIT OF FIRE DAMAGED RC COLUMNS	M.Tech	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	Dr. Y K GURUPRASAD	Mr. ABDUL MOHSIN
212.	48S_MTECH_0020	ELIMINATION OF EMERGING CONTAMINANTS USING ZNO NANOMATERIAL IMMOBILISED ON BIOCHAR DERIVED FROM PROSOPIS JULIFLORA INVASIVE WEED	M.Tech	ENVIRONMENTAL ENGINEERING	Dr. MANJUNATH S V	Mr. NISHANTH B
213.	48S_MTECH_0040	GREYWATER CHARACTERIZATON AND ITS TREATMENT USEING INTEGRATED LEAFY VEGETABLE HYDROPONIC-BIOFILM SYSTEM: A SUSTAINABLE APPROACH	M.Tech	ENVIRONMENTAL ENGINEERING	Mrs. PRATHIMA B	Mr. MITHUN KHOLA U
214.	48S_BE_1421	IOT-INTEGRATED DIGITAL TWIN FOR PEOPLE IN NEED/ELDERLY HEALTH MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NALINA V Dr. P JAYAREKHA	Ms. SINCHANA N MAKAM Ms. RAKSHA VISHWANATH Ms. KHUSHI SINHA
215.	48S_BE_1474	AI-DRIVEN AUTONOMOUS ROBOTIC SPRAYER FOR PRECISION PESTICIDE APPLICATION IN AGRICULTURE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NALINA V Dr. P JAYAREKHA	Mr. PRATIK PRAKASH SHANBHAG Mr. RAMAKANTH R GUNISHETTY Mr. ROHIT SRIDHARAN
216.	48S_BE_1500	IOT INTEGRATED DIGITAL TWIN FOR MONITORING COW VITAL SIGNS AND REPRODUCTIVE HEALTH	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NALINA V Dr. P JAYAREKHA	Ms. CHAYA Ms. AADHYA T A Mr. AMOGH ANANDA
217.	48S_BE_1750	BENGALURU WASTE SEGREGATION AND MONITORING USING GPS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SOWMYA K S	Mr. DHRUV NAGARAJAN KOUNDINYA Ms. NIKI KRIPALANI Ms. ARUSHI SINGH
218.	48S_BE_3562	GREENSENSE: THE COMPLETE IOT SOLUTION FOR PLANT GROWTH AND CARE USING MACHINE VISION AND AI-POWERED DISEASE DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ANITHA H M	Mr. VISHAL S Mr. SANAT K Mr. SHREESHA BHAT
219.	48S_BE_3977	SMART INFANT HEALTH MONITORING SYSTEM WITH IOT-BASED FAILOVER MECHANISMS FOR RURAL AREAS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHOBANA T S	Mr. RUTAJIT SARKAR Mr. PRINCE KUMAR Ms. PRATEEKSHA N KULKARNI
220.	48S_BE_4079	CITYWIDE SMOKE SPREAD PREDICTION AND AIR QUALITY IMPACT ASSESSMENT USING DIGITAL TWIN TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. RASHMI R	Ms. SRUSHTI S HIREMATHA Ms. VINUTA S BHAT
221.	48S_BE_3005	CONVOLUTED NEURAL NETWORKS (CNN) BASED CLASSIFICATION OF DIABETIC MACULAR EDEMA (DME) IN FUNDUS IMAGES	B.E.	MEDICAL ELECTRONICS	Dr. JOSHI MANISHA S Mr.VENKATAKRISHNAN S	Ms. ADITI RAGHU Ms. POORVI PRABHU

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222.	48S_BE_2770	DEVELOPMENT OF GRAPHENE ENHANCED MORTAR FOR IRRIGATION CANAL LINING TO MINIMIZE SEEPAGE AND IMPROVE IRRIGATION EFFICIENCY	B.E.	CIVIL ENGINEERING	Prof. ARCHANA K	Mr. SUHAS N Mr. SHASHANK K Ms. ANJUSHA K A
223.	48S_MCA_0042	PREGNANCY TRACKING JOURNEY APPLICATION (MAMACADO)	M.C.A.	COMPUTER APPLICATIONS	Prof.DWARAKANATH G V	Ms. NISHA A N Ms. NIKHILA REDDY
224.	48S_MCA_0046	AUTOMATED INVENTORY MANAGEMENT SYSTEM FOR REFRIGERATOR USING IOT	M.C.A.	COMPUTER APPLICATIONS	Mr. DWARAKANATH G V	Ms. POOJA K Ms. P PERSI PRISCILLA
225.	48S_MCA_0060	INTELLIGENT SLEEP TRACKING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. M SRIDEVI	Ms. AFREEN TAJ Mr. ABHISHEK
226.	48S_BE_2131	ENVIRONMENT COMPLIANCE ON LAND REGISTRATION USING BLOCK-CHAIN AND IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SOUJANYA - SD	Mr. RUDRA REDDY-N Mr. MANJUNATHA-KB Mr. SANDEEP Ms. MONIKA- K
227.	48S_BE_2407	WOMEN'S SAFETY DEVICE WITH FINGERPRINT AUTHENTICATION, REAL-TIME ALERTS, AND VULNERABILITY MAPPING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANIL G N	Ms. SHREYA PATIL Ms. B S SRIVIDYA Ms. LASSIKA AGARWAL Ms. RHEYA J
228.	48S_BE_2763	QUANTUM COMPUTING FOR NETWORK TRAFFIC ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARPITHA SHIVANNA	Mr. ANISH RAJU Mr. ABHISHEK KUMAR Mr. ADBHUT SHUKLA Mr. ARJUN P
229.	48S_BE_2793	SMART DOORBELL SYSTEM WITH 2-FACTOR BIOMETRIC AUTHENTICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. NAGABHUSHAN SV	Mr. B.V.SNIKHIL Mr. HEMAANG SOOD Ms. PALAK DENGLA Ms. SANYA SAEED
230.	48S_BE_2814	AQUABOT: SMART ROBOTICS FOR PIPELINE HEALTH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. AMBIKA G.N	Mr. VISHAL R SETTY Mr. V.VAMSHI KRISHNA Mr. VILLURI VIVEK Mr. Y. VISHNU REDDY
231.	48S_BE_2921	DETECTION OF VUNERABILITIES IN BLOCKCHAIN SMART CONTRACT USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ARUN KUMAR B R Dr. LAKSHMI B N	Mr. MAHADESHWARA PRASAD Mr. AKSHITH GOWDA Mr. DHARSHAN B SANGOLLI Mr. LIKHITH Y V
232.	48S_BE_2776	MULTI AXIS ROBOTIC ARM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. NAGARAJ DC	Mr. SHREYAS C KARANTH Ms. PRIYANKA RAO Mr. MAHANTH GM Ms. RHEA RENNY SAMUEL
233.	48S_BE_2790	PESTICIDE SPRAYING IOT ROVER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. H D KATTIMANI	Mr. SHAQUILLE S Mr. NITHIN A Ms. YASHWANTH T H
234.	48S_BE_0369	ML AIDED ROBOTIC ARM FOR DENTAL ALIGNMENT DIAGNOSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DEEPA N REDDY	Ms. J R APURVA SHETTY Mr. ROSHAN H V Mr. ROHIT CHAVAN M Mr. CHETAN KUMAR M B
235.	48S_BE_1595	DISASTER MANAGEMENT AND EMERGENCY RESPONSE IN SMART CITIES USING FOG COMPUTING (DMERSCFC)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MOHAN B A Dr. BASAVARAJ G N	Ms. PRAVALIKA N S Ms. LISHA SRI H Ms. PREETHI G K Ms. PRIYANKA S
236.	48S_BE_2523	AGROFLOW: INTELLIGENT IRRIGATION AND FERTILIZER DISPENSING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHOBA M	Mr. SHOUVIK DAS Mr. SAGNIK PAUL Ms. T LAKSHMI NIKITHA Ms. VIBHA SATHEESH DIXITH
237.	48S_BE_3463	EMOTION BASED MUSIC RECOMMENDATION SYSTEM USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. MAHALAKSHMI S	Mr. SHRI ADITHYA M

24. B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
238.	48S_BE_3711	JALSWARM: AUTONOMOUS WATER WASTE COLLECTION AND DISPOSAL USING AI-POWERED SWARM ROBOTS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. HALAHARVI KEERTHI Mrs. PAVITHRA H C	Ms. AMOGHA B V Ms. ANUSHA K Ms. HEMASHREE YOGESHA
239.	48S_BE_3859	FRESH AI - OPTIMISED FRUIT QUALITY PREDICTION WITH GANS AND COMPUTER VISION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. TEJASWINI R MURGOD	Mr. ASHISH B RAO Ms. ANANYA NITTUR Ms. LOUKYA HARISHA
240.	48S_BE_3940	CLEAN STREAM: AI-DRIVEN WASTE WATER DETECTION AND CLASSIFICATION FOR AUTOMATED WATER BODY CLEANING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DIVYASHREE B A	Mr. KUSHAL GOWDA K Mr. ANKITH H BHARADWAJ Mr. JATHIN N

241.	48S_BE_5778	TRACK WATCH: DRONE SURVEILLANCE FOR SAFER RAILWAYS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. NAGARATHNA C R	Mr. KARTHIK DINESH VERNEKAR Mr. CHIRAN B K Mr. AMAN KUMAR VERMA
242.	48S_BE_0390	AI - POWERED DEEP LEARNING FOR BANANA LEAF SPOT DETECTION AND FARMER FRIENDLY MOBILE MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHAITRA M	Ms. TANISHA A Ms. SANKEERTHANA B Mr. YASHAS E SANKOL
243.	48S_BE_0522	UFOOD - PLATFORM FOR ORDERING CUSTOMIZED FOOD ONLINE AND AUTOMATED COOKING PROCESS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PALLAVI C V	Mr. CHIRAG G SHETTY Mr. SHREYAS Y M Mr. SRUJAN RAGHAVENDRA S
244.	48S_BE_0782	KCET PREPARATION APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANITHA N	Mr. SAHIT S Ms. VAISHNAVI S
245.	48S_BE_1866	CONTEXT-AWARE LLM OPTIMIZATION USING DOMAIN-SPECIFIC FINE-TUNING FOR INDUSTRIAL APPLICATIONS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. S GEETHA	Mr. DIVIJ P Mr. PRANAV K M Mr. ABHISHEK PAUL P
246.	48S_BE_3276	SMART AGROBOT: AI-DRIVEN AUTOMATED WEED CONTROL FOR SUSTAINABLE FARMING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VRUNDA KUSANUR	Mr. CHETHAN S Ms. MANISHA M DEVADIGA Mr. HEMANTH GOWDA S
247.	48S_BE_5881	SWIFTEYE - LIGHTWEIGHT MICRO DRONE FOR ADVANCED INDOOR SURVEILLANCE AND MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REKHA P Mr. SAURAV KUMAR	Mr. MAAZ HUSSAIN Ms. MISRAH NAVEED Ms. NIDHI GIRISH

25. B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
248.	48S_BE_4245	OPTIMIZATION OF MEDIA PARAMETERS FOR ENHANCED LIPASE PRODUCTION BY LYSINIBACILLUS MACROIDES FS1 AND BIODIESEL PRODUCTION USING ENHANCED IMMOBILISED LIPASE	B.E.	BIOTECHNOLOGY	Dr. SHILPA K JIGAJINNI	Ms. KRUTIKA ANILKUMAR NIDONI Ms. SHRINIDHI Y KIRSUR
249.	48S_BE_4074	DESIGN OF TRAFFIC SIGNAL ALERT DEVICE TO REDUCE THE ROAD ACCIDENTS AT CRITICAL SIGHT DISTANCES	B.E.	CIVIL ENGINEERING	Dr. SRINIVAS.F.CHITRAGAR	Ms. SWAPNA UMESH BANGARKINAGI Ms. VIJAYLAXMI NINGOLLI Mr. PRATIK DEEPAK RUNWAL Mr. SAIPRASAD JADHAV
250.	48S_BE_3635	ANOMALY DETECTION SYSTEM FOR OFFLINE EXAM MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. G. B. CHITTAPUR Dr. V. B. PAGI	Ms. SHILPA Ms. RAMYA K. DESHPANDE Ms. NEHA TELKAR
251.	48S_BE_3876	AI-BASED FOREST FIRE MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VILAS NAIK Dr. GOVINDRAJ CHITTAPUR	Mr. SIDDALINGARAJU DEVANGAVI Mr. MUJEEB SHAIKH Mr. PREETAM GARGI Mr. YASEEN DALAYAT
252.	48S_BE_3899	PULMONARY PULSE: RESPIRATORY DISEASE DETECTION USING LUNG SOUNDS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SMITA GOUR Dr. GOVINDRAJ CHITTAPUR	Mr. BASAVARAJ SANGAMESH GOLASANGI Mr. AMITKUMAR SUBHAS BIRADAR Mr. SACHIN SURESH BUDNI Mr. SUDEEP HOLEYANNAVAR
253.	48S_BE_3921	PASSECURE: APPLICATION FOR IDENTIFYING AND REPORTING DIGITAL ARREST AND CYBER ATTACKS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. G. B. CHITTAPUR Mrs. SHILPA MADHAVANAVAR	Mr. ANUP V MENSINKAI Mr. PRAJWAL B SHEGADI Ms. SAKSHI JHANWAR Mr. SHIVANAND K BHATTE
254.	48S_BE_2196	DEVELOPMENT OF IOT BASED TRANSFORMER HEALTH MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. R . S .ALLUKAR	Ms. VIJAYLAXMI SATTIGERI Mr. MUZAFFAR DHAYALAT Ms. VARSHA BEERALADINNI Ms. BHOOMIKA
255.	48S_BE_3278	DEVELOPMENT AND FABRICATION OF A VERTICAL AXIS WIND TURBINE USING ARECA NUT NANOPARTICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S Y GOUDAPPANAVAR	Mr. SATISH SINGADI Mr. ANIKET Mr. MAHANTESH HIREMATH Mr. MOHAMMADRIZWAN MALDAR
256.	48S_BE_5099	CRYSENSE: INTELLIGENT CRADLE SYSTEM USING INTERNET OF THINGS (IOT)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. POORNIMA M. CHANAL Mrs. SUPRIYA B. HARLAPUR	Mr. ROHIT B. KUMBARHALL Mr. VINAY V. BASAVA Mr. SIDDU TUPPAD Mr. KARTIK S. PATIL

257.	48S_BE_5396	DISTRIBUTED DENIAL OF SERVICE (DDOS) ATTACK DETECTION AND MITIGATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHETANA R. SHIVANAGI	Mr. PRAJWAL KADAM Ms. INDUMATI M. GIREVVAGOL Ms. K. N. PRAJNA Mr. SANMIT PATOLE
258.	48S_BE_6021	REAL TIME FACE RECOGNITION ATTENDANCE SYSTEM WITH MULTI USER MANAGEMENT AND AUTOMATED REPORTING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. DEEPA I. KALAPPANAVAR	Mr. ABHINAV KONNUR Mr. ABHAYA DESAI Mr. ANIKET HIREMATH Mr. VIKAS HOKRANI

26. BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
259.	48S_BE_6405	INTELLIBIN - A SMART WAY TO SEGREGATE THE WASTE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. B M VIDYAVATHI	Mr. V KIRAN Ms. VADAPALLI MANEESHA Mr. MADHUSUDHAN K Mr. VEMULLAPALLI HEMASAI
260.	48S_BE_3743	WEB SCRAPPING USING PYTHON AND BEAUTIFULSOUP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. HAYATH T M	Ms. RAKSHITHA R M Ms. RAHAMATI KHATHUN Ms. SAKSHI.M. PATIL
261.	48S_BE_2302	GENERATION OF ELECTRIC POWER USING SPIRAL WIND TURBINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. HARISH KUMAR.G	Mr. SHREENIVASA PATEEL Mr. SAGAR.K Mr. S.K.MALLIKARJUNA Mr. D.MOHAN CHANDRA
262.	48S_BE_2821	GENERATION OF BIO-ELECTRICITY FROM FRUITS AND VEGETABLE WASTE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KURSHIYA S BIRADAR	Mr. KALLANAGOUD G PATIL Ms. ANVITHA G.N Mr. CHANDRASHEKAR REDDY G Ms. K MAMATHA
263.	48S_BE_0880	DESIGN AND FABRICATION OF PORTABLE ECO-FRIENDLY WATER FILTRATION EQUIPMENT FOR REMOTE VILLAGES USING SOLAR AND WIND ENERGY	B.E.	MECHANICAL ENGINEERING	Dr. V VENKATA RAMANA Dr. YADAVALLI BASAVARAJ	Mr. S AFTAB Mr. J LAKSHMI NARAYANA Mr. SIDDHARTHA K Mr. K SHIVANANDA
264.	48S_BE_4650	FABRICATION OF NEW PORTABLE AC WITH LOW COST EFFECTIVE	B.E.	MECHANICAL ENGINEERING	Prof. MAHARAJA GOWDA B	Mr. JASPHER G Mr. KUMAR SWAMY T Mr. SANDEEP R M Mr. KARTHIK

27. BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
265.	48S_MCA_0138	ARDUINO BASED WATER DISPENSER FOR IRRIGATION SYSTEM IN AGRICULTURE	M.C.A.	COMPUTER APPLICATIONS	Dr. H K MADHU Mrs. SWETHA C S	Ms. SHREENITHYA S N Ms. RACHANA R Ms. KAVYA G
266.	48S_MCA_0139	LIVE VEHICLE TRACKING AND SECURITY USING IOT	M.C.A.	COMPUTER APPLICATIONS	Dr. H K MADHU Prof. SWETHA C S	Mr. CHIRAG D Ms. BHAVANA T SAGAR Ms. BHAGYA LAKSHMI E Ms. APEKSHA BALAKRISHNA NAIK
267.	48S_MCA_0142	AIR QUALITY MONITORING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Prof. SUMA N R Prof. VIDYA S	Ms. KEERTHI N SHETTI Mr. OMKAR SHINDE Ms. SHAMA UMESH JOSHI Ms. NIKITHA R
268.	48S_MCA_0165	DUAL-AXIS SOLAR TRACKER WITH THERMAL SENSITIVITY FOR MAXIMUM HEAT GAIN	M.C.A.	COMPUTER APPLICATIONS	Dr. T VIJAYA KUMAR Mrs. SOWMYA MS	Mr. KARTHICK NAG KS Mr. ANOOP B R Mr. MOHANKUMAR H M Mr. K M VINAY
269.	48S_MCA_0193	RURAL SANGAM	M.C.A.	COMPUTER APPLICATIONS	Prof. USHA M Prof. SANDARSH GOWDA M M	Mr. SAHIL ANANT BELURKAR Ms. LAVANYA GOURISH NAYAK Mr. HEMANTH RAJ N Mr. VIGNESH R
270.	48S_BE_4596	DEEP TRANSFER LEARNING BASED PARKINSON'S DISEASE DETECTION USING OPTIMIZED FEATURE SELECTION	B.E.	COMPUTER ENGINEERING	Prof. N. THANUJA	Mr. KOUSHIK M. Mr. P. JITHENDRA Mr. PETA VAMSI KRISHNA REDDY Ms. POOJA GOWDA V.
271.	48S_BE_1068	SAMVIDHANA MITRA: A SYSTEM EMPOWERING CITIZENS AND LEGAL PRACTITIONERS USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MAYA B S	Ms. VARSHA B S Ms. AISHWARYA R Ms. GAYATHRI G
272.	48S_BE_3550	MINGLE BOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. HARISH KUMAR B T	Mr. R AAKASH KASHYAP Ms. NIKITA D'SOUZA Mr. PRATEEK K
273.	48S_BE_4528	ALGORITHMIC PROGNOSIS: DECODING HEALTH MYSTERIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. HARISH KUMAR B T Prof. PRASHANTH KUMAR K N	Mr. RAJASHEKAR DIBBADA Mr. PRAKASH RAJ S Mr. PRIYANSHU Mr. SAAEESH SATISH PEDNEKAR

274.	48S_BE_4682	SMART POVERTY DETECTION AND RELIEF MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VENKATESH M R	Mr. SUMIT SHARMA Mr. SARANSH MISHRA Mr. SUMIT SHARMA Mr. SUSHIL SINGH
275.	48S_BE_4783	PLANT DISEASE SEVERITY DETECTION AND PESTICIDE RECOMMENDATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GUNAVATHI H S	Ms. KOTHAKOTA BINDHUSREE Ms. APARNA KUSHWAHA Ms. ISHANI PRIYA
276.	48S_BE_5158	DEEP LEARNING APPROACH FOR PARKINSON'S DISEASE DIAGNOSIS USING VOCAL FEATURE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUMA L.	Ms. SHREYA SHRESTH Mr. TUSHAR SHETTY Mr. SYED MOHAMMED NAQI RAZA Mr. SANSKAR RAI
277.	48S_BE_5204	MICRO-EXPRESSION RECOGNITION USING HIERARCHICAL TRANSFORMER NETWORK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. M S BHARGAVI	Mr. ASHISH A ANKAM Mr. YASHAS M B Mr. SRIHARI DESAI Mr. SRUJAN V
278.	48S_BE_5337	HUMAN COMPUTER INTERACTION FOR THE PHYSICALLY CHALLENGED USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHURI J	Ms. VARSHA V Ms. CHARVI A S Ms. SALONI RAJ
279.	48S_BE_5386	SEGMENTATION OF MYOCARDIUM IN LEFT VENTRICLE USING DEEP LEARNING TO DETERMINE ITS THICKNESS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNANDA H G Dr. BHANUSHREE K J	Mr. KUNAL KUMAR NAGAR Mr. PRATHISH Mr. PRAVEEN HER Ms. RAKSHITHA D
280.	48S_BE_5576	NUTRIVISION: YOLO-SAM-DRIVEN DIETARY APP FOR PERSONALIZED FOOD RECOMMENDATION AND MEAL TRACKING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNANDA S G	Mr. DHANUSH GOWDA R Mr. G M ABHILASH Mr. ESHWAR M Mr. ACHUTH S C
281.	48S_BE_5728	CLOUD.AI: ENABLED ENTERPRISE CHAT USING GenAI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRATHIMA M G	Mr. SOURABH KUMAR VERMA Mr. SHEIK NOOR MOHAMED Mr. SHLOK KHUBCHANDANI Mr. SOHAN B S
282.	48S_MTECH_0063	BRAIN TUMOR DETECTION IN NEUROIMAGES VIA FEDERATED LEARNING TECHNIQUE	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. MAYA B S	Mr. NITHIN KUMAR B
283.	48S_BE_6210	IMAGE AUTHENTICITY VERIFICATION: A HYBRID APPROACH OF CAPSULE NETWORKS AND FREQUENCY DOMAIN ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAVITHA. S. K	Mr. GURUDATTA B. S. Ms. DEEPTHI S Ms. ANAGHA SHREE H. J Mr. ARBAZ N.
284.	48S_BE_6350	FORTIBLOCK: HYBRID BLOCKCHAIN FRAMEWORK FOR SECURE ACCESS CONTROL IN CLOUD ENVIRONMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BHANUSHREE K. J	Mr. SUNIL R Mr. SHIVAKUMAR Mr. SURYA BHARADWAJ B S Mr. ROHAN A MURARI
285.	48S_BE_6388	INTELLIGENT VIDEO SURVEILLENCE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NIKITHA K. S	Mr. APOORVA JINDAL Mr. ABHISHEK SHARMA Mr. ANISH SHARMA Mr. SANKET
286.	48S_BE_0856	SIMULATION STUDIES ON PERFORMANCE ASSESSMENT SOLAR PV ARRAY TOPOLOGIES UNDER PARTIAL SHADING CONDITIONS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SUNITHA M K	Mr. SIDDHAARTHA R Mr. SHASHANK K J Mr. SHREYAS J Mr. VAIBHAV M K
287.	48S_BE_0315	IOT BASED RAILWAY TRACK CRACK DETECTION AND DROWSINESS ALERTING SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Prof. VENTAKESH MURTHY K N Prof. ASHWATAPPPA.P	Mr. R MANISH RAO GAIKWAD Ms. GAGANA H Ms. SNEHA Ms. SRINIDHI S SHETTY
288.	48S_BE_0521	AUTOMATED SOLAR TRACKING SYSTEM USING ARDUINO	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. M B MEENAVATHI	Ms. CHAITRA Ms. SUPRIYA K Ms. SNEHA SINGH Ms. AISHWARYA M
289.	48S_BE_0694	AI DRIVEN SUSTAINABLE WASTE COLLECTION WITH RASPBERRY PI	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. SHRUTHI N	Mr. AKASH KS Mr. GAGAN D N Mr. PRASHANTH GADAD Mr. MANU R
290.	48S_BE_2486	DESIGNING OF COST EFFECTIVE BATTERY VOLTAGE MONITORING, THERMAL MANAGEMENT & COOLING SYSTEM IN AN ELECTRIC VEHICLE	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. RAJESWARI M Prof. THYAGARAJ R	Ms. KEERTHANA N Mr. LITHESH R Mr. M S VINAY Mr. RANGANATH GOWDA BT
291.	48S_BE_3019	SMARS ROBOT - A 3D PRINTED AUTONOMOUS NAVIGATION SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. GIRISH KUMAR N G	Mr. YASH RAJ Mr. PRATYUSH SHIVAM Mr. VIDWATH L Mr. VIKAS GOWDA

292.	48S_BE_0232	MEDI-CRYPT: BLOCKCHAIN-BASED PATIENT HEALTH RECORD MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MERCY S	Mr. HARSHITH R Ms. BHANUSHREE N N Ms. LAVANYA Y M Ms. SHREYA GANESH HEGDE
293.	48S_BE_0503	QUESTION PAPER PREDICTION MODEL FOR EXAMINATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ASHA T	Mr. VURUVAKILI VARUN REDDY Mr. TEJAS H K Ms. TEJASWINI A M Ms. RAKSHITHA
294.	48S_BE_0827	WEALTHIFY: INVESTMENTS AND WEALTH ACCUMULATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ASHA.T	Mr. SOURABHA D BHAT Mr. SHREYAS P Ms. VARIDHI RATHORE Ms. SRITHA T
295.	48S_BE_0961	NLP DRIVEN INSTANT LANGUAGE TRANSLATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHILPA M	Ms. TULASI UDUPA A Ms. NAVYA Ms. NAVYA G Ms. SUSHMA JAYARAM
296.	48S_BE_1297	CARDIOVASCULAR DISEASE PREDICTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. HEMA JAGADISH	Mr. MANAS CHAGI Mr. ABHISHEK G Ms. BHARGAVA K R Ms. THEJU T S
297.	48S_BE_1347	MEDISWASTHYA (EMPOWERING RURAL HEALTHCARE)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. S MERCY	Mr. AYUSH SHUKLA Mr. KUMAR GAURAV Mr. MD ABDULLAH Mr. MIRZA ATIF BEG
298.	48S_BE_1813	ENERGY STRATEGY NATION: LEVERAGING GAME THEORY FOR EFFICIENCY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. M SHILPA Prof. PRIYA N V	Mr. LAKSHYA DADHICH Mr. LOKENDAR SINGH RATHORE Mr. ROHIT YADAV Ms. ANAMIKA PATIL
299.	48S_BE_2778	AI-DRIVEN SERICULTURE AUTOMATION FOR OPTIMAL SILKWORM REARING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHILPA M	Mr. HARADIK PATIL Mr. SAMARTH Mr. SUMAN B S Mr. ULLAS RAJ B R
300.	48S_BE_4478	MULTILINGUAL SENTIMENT ANALYSIS OF YOUTUBE COMMENTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHIKKA KRISHNAPPA T K	Mr. SHREYAS U V Mr. NIHAL B NAYAKA Ms. PAVANA B C Ms. SHILPASHREE P
301.	48S_BE_6363	AGRIDOCTOR - AIML BASED SOLUTION FOR AGRICULTURE NEEDS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHETHANA M	Mr. LOVELESH DEBNATH Ms. KIRAN K Ms. HRUTHIKA H P Ms. DHANYASHRI SHETTY
302.	48S_MBA_0182	A MODEL FOR PLASTIC WASTE RE USABILITY	M.B.A	M.B.A	Mrs. JEEVITHA M	Ms. ANU M R Ms. THAMSU M S Ms. NAYANA G R
303.	48S_MBA_0169	DEVELOPMENT OF LOW COST FILTER USING HERBAL MATERIAL	M.B.A	MARKETING	Mrs. SUJATHA S L	Ms. CHINMAYEE S Ms. DRUTHI.KU Ms. NAVYASHREE .KS Ms. SAHANA V
304.	48S_BE_3566	DESIGN OF TARINE TRANSPORTATION SYSTEM (MONORAIL TRANSPORTATION SYSTEM)	B.E.	MECHANICAL ENGINEERING	Mr. KUMAR P L	Mr. PARTHA B Mr. MITHUN GOWDA Mr. KOUSHIK S Mr. MOHAN S M
305.	48S_BE_3707	INTELLIGENT ALCOHOL DETECTION SYSTEM FOR ACCIDENT PREVENTION IN AUTOMOTIVE VEHICLES	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA M C Dr.CHANDRASHEKAR A	Mr. VARUN KUMAR K N Mr. SHANKAR K A Mr. TEJAS N Mr. VINAY S
306.	48S_BE_3709	POWER GENERATION USING RAILWAY TRACK	B.E.	MECHANICAL ENGINEERING	Dr. RAVINDRA KG	Mr. CHETHAN KUMAR R Ms. ASHWINI BG Mr. DARSHAN HP Ms. S RAKSHITA REDDY
307.	48S_BE_4662	DESIGN AND MODELING OF SURVEILLANCE AIRCRAFT	B.E.	MECHANICAL ENGINEERING	Dr. VIJAYA KUMAR V M	Mr. SHIVIN N Mr. SUJAY SANJAY AWATE Mr. TARUN B Mr. SANTHOSH V
308.	48S_BE_5808	POWER GENERATION USING GYM EQUIPMENT	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA M C Dr.CHANDRASHEKAR A	Mr. SUDEEP M H Mr. PRAVEEN DASHARATH DAIGOND Mr. SATHWIK S Mr. SHARAN S
309.	48S_MTECH_0007	EXPERIMENTAL STUDY ON FLEXURAL STRENGTHENING OF RC BEAM RETROFITTED WITH BFRP LAMINATES	M.Tech	STRUCTURAL ENGINEERING	Prof.GANGADHARA S	Ms. KANCHANA H P
310.	48S_BE_3360	MARTIAN AUTONOMOUS ROVER FOR SPACE EXPLORATION	B.E.	TELECOMMUNICATION ENGINEERING	Prof. RANJANA K Prof. MANJULA A R	Ms. SANJANA H S Mr. BASAVARAJ M Ms. RAMYAKRISHNA K Ms. YAMUNA Y

28. BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
311.	48S_BE_1974	SMART AGRI-RESCUE USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRATIKANTA MAJHI Mrs. SHYLAJA D N	Ms. KEERTHANA N Ms. AMULYA S Ms. KAVYA J Ms. NITHYA SHREE C M
312.	48S_BE_2007	SMART DRUG DOSING FOR ENHANCED IMMUNE RESPONSE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. LATHESWARI Mrs. SHYLAJA DN	Ms. SHRAVANI R Ms. POORNIMA S Ms. SHILPA PM Ms. VAISHNAVI B
313.	48S_BE_2070	DETECTION OF SKIN CANCER ON DEEP NEURAL NETWORK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHYLAJA D N Prof. LATHESWARI G	Ms. KAVYASHREE S Mr. PURUSHOTHAM N Ms. NAVYA D R Ms. MYTHRI G B
314.	48S_BE_2360	SPEECH EMOTION RECOGNITION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. A VENKATA RAMANA	Mr. NAVEEN.B Mr. K.KARTHIK KUMAR RAJU Mr. K.CHARAN TEJA Mr. MOHAMMAD AZIM
315.	48S_BE_2506	MERCILESS BORDER SECURITY SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NEHA BHATT Mrs. SHYLAJA D N	Mr. YUVRAJ KUMAR Mr. R DERRICK JONATHAN CHRISTY Mr. AASHISH DHAMALA Mr. VISHAL KUMAR SHARMA
316.	48S_BE_2655	PLANT DISEASE DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHAILAJA D N	Mr. INDRASENA REDDY S S Mr. KIRAN KUMAR Y Mr. KUSHAL R Mr. SHARATH BABU
317.	48S_BE_2861	SECURITY SURVEILLANCE BOT WITH FACE RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHYLAJA D N	Ms. SHRIDEVI SHRISHAIL MADIWALAR Mr. PRAPHUL ATHREYAS S R Ms. REBECCA SAPKOTA Ms. SHREENIDHI B D
318.	48S_BE_2720	DESIGN AND FABRICATION OF 3D PRINTING MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. ARUNKUMAR S M Dr. R BALA SUNDAR RAO	Mr. KIRAN KUMAR R Mr. MANOJ B R Mr. NANDISHA H J Mr. JANGAM VEERABHHADRAIAH

29. BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
319.	48S_BE_3337	AN EXPERIMENTAL STUDY ON EFFECT OF SLAG AND FINE AGGREGATES ON FRESH AND HARDENED PROPERTIES OF SELF COMPACTING CONCRETE	B.E.	CIVIL ENGINEERING	Mr. SRI. SAVAN R G BASAVARAJ	Mr. SHASHANK B REDDY Ms. SUMA P C Mr. SUHAS S Ms. PRIYANAKA N
320.	48S_MCA_0091	SMART PARKING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Prof. YASHODA PUTTAPPA GANJI	Mr. DARSHAN G Ms. DEVAPRIYA SAHADEVAN Ms. D K CHANDANA Ms. DIVYA KALLAPPA GOUDAR
321.	48S_BE_6232	IN-CAB SIGNALING AND TRAFFIC MANAGEMENT WITH AUTOMATED TRAIN OPERATOR (ATO)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. YOGESH K O	Mr. DHANANJAYA H Ms. SAHANA T Ms. SAHANA K Ms. SANJITHA M S

30. BASAVAKALYAN ENGINEERING COLLEGE, BASAVAKALYANA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
322.	48S_BE_3322	INTELLIGENT PESTICIDE SPRAYING SYSTEM BY USING QUAD COPTER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUVARANALATA HIREMATH	Mr. EHTESHAM AHMED Mr. MOHD MOAAZ YASEEN Mr. MD ADI HUSSAIN KHAN
323.	48S_BE_4249	DESIGN AND FABRICATION OF MULTIPURPOSE CROP CUTTING MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. PRAVEEN BELKIRE	Mr. LINGARAJ Mr. VISHAL Mr. ADITYA REDDY Mr. BALBHEEM

31. BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
324.	48S_BE_0205	STUDY ON ARCHITECTURAL IRREGULARITIES IN EARTHQUAKE RESISTANT BUILDINGS USING STAAD PRO AND RECOMMENDING SUITABLE SOLUTIONS	B.E.	CIVIL ENGINEERING	Dr. PURUSHOTHAMA C T	Mr. ABDUL RAHMAN ZULFIQUAR ALI M H Ms. BHEEMA BAI Mr. JUNAID K K Ms. SHABANA RAJESAB VATARAD
325.	48S_BE_3584	DESIGN AND FABRICATION OF COMPACT LOW COST BIOGAS GENERATION UNIT EQUIPPED WITH OPTIMUM TEMPERATURE MAINTAINING FACILITY FOR DOMESTIC KITCHEN WASTE	B.E.	MECHANICAL ENGINEERING	Prof. MANJUNATH ICHCHANGI	Mr. SHEIKH AHAMAD AMAAN Mr. MAHAMAD MUZAMMIL A Mr. MOHAMMMAD MUJTHABA Mr. MOHAMMAD AJARUDDIN

32. BILURU GURUBASAVA MAHASWAMIJI INISTITURE OF TECHNOLOGY, MUDHOL, BAGALKOT

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
326.	48S_BE_0451	FAKE JOB POST DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MANJUNATH S. GABASAVALAGI Prof. SHREESHAIL D. ANADINNI	Mr. PRABHU D. HIREMATH Ms. RAKSHITA J. HIREMATH Ms. ASHA S. KABADI Ms. PREETI P. MARDUR
327.	48S_BE_0267	"AAVARANAM" - A SMART CAR PARKING SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. JYOTI M. KATAGI	Mr. MANOJ MULE Mr. AJIT ANNAPPA KHATTE Ms. JASSIKA UMESH SATTIGERI Ms. SINDHU VEERBHADRA KADLI
328.	48S_BE_0638	INTELLIGENT ECO ROVER BASED DIAGNOSIS AND ANALYSIS OF GRAPES DISEASES: A CONVOLUTION NEURAL NETWORK APPROACH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. GURURAJ S. KORI Prof. RAVI M. BASHETTI	Mr. TARUN S. J. Mr. PRADEEP RATHOD Mr. SUPREET HIREMATH Ms. SUSHMA R. KOVALLI
329.	48S_MBA_0012	A STUDY ON THE HEALTHCARE SERVICE IN GOVERNMENT HOSPITAL OVER BAGALKOT DISTRICT	M.B.A	M.B.A	Ms. JYOTI METI Mr. MD RAFIQ MALAGHAN	Ms. KAVYA KADAM Ms. SUDHA PUJARI Mr. ARUN DHARMATTI Mr. RAVISHANKAR I. TAMSHETTI
330.	48S_MBA_0014	WAVE ENERGY CONVERTER	M.B.A	M.B.A	Prof. MD RAFIQ MALAGHAN Prof. MD RAFIQ MALAGHAN	Mr. PRASHANTP. BADIGER Mr. HANAMANT BHARAMANI Ms. SWATI J. JALAPUR Mr. PUNEET M. HOSUR
331.	48S_BE_0094	DESIGN AND FABRICATION OF CORN DESEEDING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof.M.L.HUNASIKATTI Prof. M.D.KOMAR	Mr. BILAL.C.SANADI Mr. AKBAR.N.PATIL Mr. SADDAMHUSEN.M.DANGE

33. BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
332.	48S_BE_3392	CYBERSECURITY INTRUSION DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.CHAITHRASHREE A	Ms. SHRUTHI R Ms. TAIMEEN BHANU MULLA Ms. SHWETHA S Ms. TEJASWINI H P
333.	48S_BE_3402	WEATHERMAP NAVIGATOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. DARSHAN M PATEL	Mr. CHIRAG PANDIT Mr. VISHWAJEET BIRADAR Mr. SUMIT KHANDELWAL Ms. SV KIRANASREE
334.	48S_BE_3403	ADVANCED REAL-TIME MONITORING DETECTION SYSTEM FOR WORKER SAFETY GEAR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. AVINASH N	Ms. ABHISRI RAVI Ms. AKSHAYA YENCHARLA Ms. BHOOMIKA U Ms. MADHURI PAUDYAL
335.	48S_BE_4274	SMART CITY ENGAGEMENT: IMPROVING PUBLIC SERVICES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAMATHA M	Ms. R PAVANA Mr. CHETHAN R Mr. VIRENDER SINGH I Mr. SOURAV JS
336.	48S_BE_4407	REMOTE HEALTH MONITORING SYSTEM TO EMPOWER RURAL HEALTH USING IOT DEVICES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAMATHA M Dr. AVINASH N	Mr. KEERTHAN ARADHYA S Mr. CHANDAN GOWDA V Mr. ANIL B S Mr. AMARNATH REDDY M

337.	48S_BE_4698	IOT BASED PATIENT MONITERING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. JAHNAVI D M Dr. K.CHENNA REDDY	Ms. VANDANA B Ms. BHAVYA R Mr. MOHAN KUMAR T Ms. SYEDA AFIFA ADILA
338.	48S_BE_3822	SOLAR PANEL HEALTH MONITORING USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PADMAVATHI R	Mr. PREETHAM K B Mr. DARSHANA S M Mr. DHEERAJ Ms. MITHULA J

34. C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
339.	48S_BE_4925	REAL TIME CYBERSECURITY FOR CLOUD APPLICATIONS USING AIML	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DEEPIKA LOKESH	Mr. NARAYANASWAMY J Ms. AIMAN ZOYA Mr. KIRAN KUMAR N Mr. MANJUNATH REDDY V
340.	48S_BE_5529	SMART EYEWARE 2.0	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VASUDEVA R	Ms. POOJASHREE N Mr. NAGENDRA K N Mr. SHARAN V Mr. SUJITH M
341.	48S_BE_6028	IOT-DRIVEN SOLDIER SAFETY AND POSITIONING SYSTEM WITH WIRELESS SENSORS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. KAVITHA N Dr. VASUDEVA R	Mr. NITHIN R GOWDA Mr. RAVICHANDRA N Mr. S HARSHA Mr. SRIPATHI M
342.	48S_BE_4147	DESIGN AND DEVELOPMENT OF IOT-BASED IRRIGATION AND SOIL FERTILITY MONITORING SYSTEM FOR PRECISION AGRICULTURE	B.E.	MECHANICAL ENGINEERING	Mr. SANDEEP S N Mr. CHOWDA REDDY C	Mr. UDAY K S Mr. SANJAY C N Mr. DINESH KUMAR N C

35. C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
343.	48S_MCA_0066	AGRICARE AI: SMART CROP HEALTH DIAGNOSIS AND REPORTING PORTAL	M.C.A.	COMPUTER APPLICATIONS	Prof. P VARSHA & Dr. K RAJALAKSHMI	Mr. RAHUL B Mr. RAJESH C Mr. MUHAMMAD YAHYA Mr. MILAN RAJA
344.	48S_MCA_0097	AI FOR EEG EMOTION RECOGNITION TO ENHANCE MENTAL WELL BEING	M.C.A.	COMPUTER APPLICATIONS	Dr. VAKULA RANI J	Mr. CHARAN R Mr. DANIEL GLADSON B Ms. GUNASHEELA J
345.	48S_BE_2322	BIONIC ARM WITH EMG SENSOR FOR PHYSICALLY DISABLED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. K. VENKATESWARAN Dr. L. NIRANJAN	Mr. NEERAJ KUMAR Mr. PRADEEP KUMAR Ms. PRIYANKA PRIYA Mr. VARUN SINGH
346.	48S_BE_2779	REAL-TIME TRAFFIC MANAGEMENT USING AI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. P SUSHEELKUMAR S Dr. K VENKATESWARAN	Mr. AKASH M RATHOD Ms. YASHASWINI H Ms. SHILPA J ANGADI Mr. SIVA KARTHIK P
347.	48S_BE_5349	DESIGN AND IMPLEMENTATION OF A COLLEGE CHATBOT WITH VOICE TO TEXT AND CONVERSION INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUSMITHA ALAMURU	Mr. S KEERTHAN Mr. SAGAR GM Mr. SHARATH KUMAR P Mr. BHARATH S
348.	48S_MBA_0058	SUSTAINABLE SOLUTIONS IN HEALTHCARE: A BUSINESS APPROACH TO SMART MEDICAL WASTE DISPOSAL BIN (SMWDB), USING AUTOCLAVE STERILIZATION TECHNOLOGY	M.B.A	HR AND MARKETING	Dr. MOHAN. N Prof. SACHIN ARALIKATTI	Ms. ANUSHA SHANTARAM HEGDE Mr. S NARESH Ms. LAYA Ms. AISHWARYA RANI
349.	48S_BE_0980	FERTILIZER RECOMMENDATION SYSTEM FOR FARMERS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SUSHEELAMMA K H	Mr. SOUMYAJIT MAJUMDAR Ms. WOODY VIJAYKUMAR SAMYUKTHA Ms. ISHA AGARWAL
350.	48S_BE_1967	SMART ROAD SYNC	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SRIVIDYA R	Ms. KUSHI H R Ms. PRAJNA PATEL Ms. VYDURYA CHANDRAKANT PATIL Mr. SAGAR KANNAJJANAVAR
351.	48S_BE_4184	EMPOWERING RECRUITMENT WITH MULTILINGUAL RESUME ANALYSIS USING NLP TECHNIQUES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ARVIND Dr. POORANI M	Ms. T MEGHANA Ms. VANDANA Ms. VISHALAKSHI N

36. CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
352.	48S_BE_3654	DETECTION OF DANGEROUS HUMPS BY USING LIDAR TECHNOLOGY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr.VARALATCHOUMY M Prof. R. GEETHA	Ms. K MOKSHITHA Mr. SHAIK MOHAMMED SAMDANI Ms. N RITHIKA MARY

353.	48S_BE_3675	AI IN REPRODUCTIVE HEALTH: DEVELOPING A PREDICTIVE MODEL FOR EMBRYO VIABILITY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ANUSHA K V Prof. MAHALAKSHMI V	Ms. BHEEMAMBIKA B Ms. VISHWA N
354.	48S_BE_3732	GENERATIVE AI (GEN AI) BASED VIDEO SUMMARIZATION TOOL	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr.VARALATCHOUMY M Prof. SYED HAYATH	Mr. DINESH D Mr. DHANUSH CP
355.	48S_BE_4210	IOT NECKBAND: A REAL-TIME PERSONAL SAFETY SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. JEEVITHA Prof. R GEETHA	Ms. KRUTHIKA R Mr. PAVAN KUMAR J Mr. KONDAMURI SAI KRISHNA Mr. DARSHAN A Y
356.	48S_BE_4809	ENHANCING TRAFFIC EFFICIENCY AND SIMULATION THROUGH ADVANCED CIVIL ENGINEERING DESIGN	B.E.	CIVIL ENGINEERING	Prof. ABHILASH R Prof. ARUNA T	Mr. SIGIRISETTY NAGA VENKATA HEMANTH Ms. H RAKSHANKITHA
357.	48S_BE_2957	IOT AND ML SOLUTIONS FOR SMART FARMING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHILPA V	Ms. POOJA BARAMU SONAKAR Ms. PRAGATHI Ms. G KEERTHI
358.	48S_BE_5615	ELECTRICGO - A PORTABLE ELECTRIC SOLUTION FOR URBAN CYCLISTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. HEMA A	Mr. SUJAN C Mr. MOHITH B Ms. SHRISHTI S Mr. HARSHAVARDHAN REDDY
359.	48S_BE_4291	DETECTION OF ROAD CONDITION DEFECTS USING SENSORS AND IOT TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. NANDINI KUMARI. B	Mr. A S VENKATESH Mr. ABHISHEK K S Mr. ADITYA LAXMAN Mr. GNANESH M
360.	48S_BE_5249	MEMS-BASED CAPACITIVE PRESSURE SENSOR: DESIGN AND OPTIMIZITION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHAKILA D	Mr. SURYA R Ms. ROSHINI N Mr. SYED KAIF ULLA HUSSAINI Mr. V RITHIK VIMAL
361.	48S_BE_0344	GYNAECOLOGICAL DISEASE DIAGNOSIS EXPERT SYSTEM USING MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. GEETHU S KUMAR	Ms. MAHALAKSHMI R Ms. LAVANYA D Ms. MEGHANA A Ms. AKHILA R
362.	48S_BE_2881	MOTION WIND HARVEST USING SERIES OF HELICAL BLADES FOR ELECTRIC POWER GENERATION	B.E.	MECHANICAL ENGINEERING	Mr. SANTOSH PAWAN K Ms. SUNEELKUMAR N KULKARNI	Mr. J R MADHUSUDAN GOWDA Mr. SRINATH L Mr. KEERTHAN N Mr. KUSHAL S

37. CANARA ENGINEERING COLLEGE, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
363.	48S_BE_1020	DETECTING THE UNTRUTH: A DEEP LEARNING FRAMEWORK FOR RUMOR ANALYSIS IN SOCIAL MEDIA	B.E.	COMPUTER SCIENCE AND BUSSINESS SYSTEM	Mrs.YASHASWINI K L	Ms. PRAGATHI Ms. SAHANAK R
364.	48S_BE_0687	ACCIALERT - REAL TIME IOT-BASED ACCIDENT DETECTION AND SMART EMERGENCY COMMUNICATION SYSTEM	B.E.	COMPUTER SCIENCE AND DESIGN	Mr.RAVISHANKARA KULAMARVA Mr. SREERAMA SAMATHA J	Mr. SANKET NARAYAN AMBIG Mr. ATHARV KRISHNA GUDIGAR Ms. RAMYA RAMACHANDRA ACHARI Ms. SANJANA
365.	48S_BE_1399	HELICAL ANTENNA FOR SATELLITE RECEPTION AND AIRCRAFT COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SREERAMA SAMARTHA J G	Ms. SONALI S Ms. AISHWARYA H S Ms. LATA KESHAV NAIK Ms. SPANDANA
366.	48S_BE_1412	SOLAR PANEL CLEANING BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.DAYANANDA G K	Ms. ANUSHA SUBRAY GOUDA Mr. AYUSH M R Mr. K MAHAMMAD SULTHAN Mr. MOHAMMED YUSUF MULLA
367.	48S_BE_1882	GPS TRACKING SYSTEM FOR WOMEN SAFETY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. M SANDEEP PRABHU Ms. SINDHU SHENOY M	Mr. SHUBHAM PAL Ms. J SAMEEKSHA Ms. PRAGATI S NAIK Ms. CHAITRA M KADRI
368.	48S_BE_0675	SMARTLUNG DIAGNOSTICS: ONCOCAPS POWERED BY CAPSULECARE FOR LUNG CANCER DETECTION AND CLASSIFICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SADHANA B Ms. RAKSHA NAYAK	Ms. ASHWINI P Ms. DEEPTHI K M Ms. NANDINI Ms. SNEHA
369.	48S_BE_1230	DESIGN AND FABRICATION OF AUTOMATED GUIDED VEHICLE	B.E.	MECHANICAL ENGINEERING	Dr. VENKATESH N	Mr. GOWRINANDAN PAI B.H. Mr. T PRANAV PAI Mr. AKASH SHARMA

38. CAUVERY INSTITUTE OF TECHNOLOGY, MANDYA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
370.	48S_BE_4412	EVALUATION OF WATER QUALITY ANALYSIS AT YELIYUR LAKE	B.E.	CIVIL ENGINEERING	Dr. VINOD P N Prof. JEEVITHA K N	Mr. SHARATH G J Ms. SINCHITHA M K Ms. POOJA A

39. CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
371.	48S_MBA_0065	SANITARY PADS & DIAPERS USING BANANA AND ARECANUT FIBER ALONG WITH COCONUT PEAT	M.B.A	BUSINESS ANLYTICS AND H R	Dr. CHAITHANYA S Dr. M S RAJENDRA KUMAR	Ms. DEEPIKA S
372.	48S_BE_0302	ARTIFICIAL NEURAL NETWORK (ANN) FOR PREDICTING THE CONCRETE COMPRESSIVE STRENGTH	B.E.	CIVIL ENGINEERING	Mr. MANJUNATHA M KATTI	Mr. HRUTHIK T J Mr. YOGANANDA T K Ms. ANKITHA RANI Ms. JHANSI H K
373.	48S_BE_0307	MACHINE LEARNING MODEL FOR PREDICTING CONCRETE COMPRESSIVE STRENGTH	B.E.	CIVIL ENGINEERING	Mr. MANJUNATHA M KATTI	Ms. MENAKA G S Ms. SONA D N Ms. TEJASWINI B P
374.	48S_BE_2332	SOIL PRONE TO RAINFALL INDUCED LANDSLIDES A PROTOTYPE SIMULATION	B.E.	CIVIL ENGINEERING	Mrs. RAMYA H N	Mr. JEEVAN MALLAIAH Mr. RANGEGOWDA A S Ms. NAINITA Mr. ANKITH T
375.	48S_BE_4259	INNOVATIVE STRATEGIES AND DESIGN FRAMEWORK FOR ADVANCING GREEN HYDROGEN-POWERED ELECTRIC VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. VINAYA B K	Ms. AFRA TEHREEN Mr. KARTHIK M J Mr. SANJAY J Ms. TEJASWINI T C
376.	48S_BE_0053	DEVELOPMENT OF MULTIPURPOSE COCONUT BROOM STICK MACHINE USING IOT	B.E.	MECHANICAL ENGINEERING	Dr. NATESH C P	Mr. LANKESH H Mr. NAVEEN M Mr. YASHWANTH Mr. KARTHIK P N

40. CHRIST (DEEMED TO BE UNIVERSITY), KENGERI CAMPUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
377.	48S_BE_0032	AUTOMATION OF CANCER DIAGNOSIS AND TREATMENT USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATHA SWAMY C	Ms. DIYA ROSE SABU Mr. AMAL JOSEPH JOMI Mr. BENADIC JOSEPH
378.	48S_BE_3849	UNMASKING DEEPFAKES: ADVANCED DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANOHAR M	Mr. ROSHAN GEORGE Mr. SEBIN ANTO PADINJAREKARA
379.	48S_BE_3968	DEVELOPMENT OF ARDUINO BASED SENSOR TRAINER KIT "I.C.O - INPUT CODE OUTPUT"	B.E.	ROBOTICS AND MECHATRONICS	Dr. UMESH V	Mr. KUSHAL B Mr. ROSHAN S Mr. ADITYA M Mr. M RAJEEV REDDY
380.	48S_BE_3648	COLLABORATIVE SWARM ROBOT	B.E.	ROBOTICS AND MECHATRONICS	Dr. IVAN SUNIT ROUT Dr. UMESH V	Mr. EDWIN BENNY Ms. SAHANA ARULANANDAM Mr. MOURYA K Mr. BYPO RAJIV SUDHANSHU
381.	48S_BE_3838	ENVIRONMENTAL MONITORING AND RESCUE DRONE	B.E.	ROBOTICS AND MECHATRONICS	Dr. AMRUTA ROUT	Mr. THIRUPPATHI P Mr. PAVAN RAJU Mr. TOBIN THOMAS Mr. VANEESH MS
382.	48S_BE_3986	DESIGN AND DEVELOPMENT OF HUMANOID ROBOT WITH AUTONOMOUS NAVIGATION	B.E.	ROBOTICS AND MECHATRONICS	Dr. AMRUTA ROUT	Mr. ABRAHAM THOMAS JOY Mr. JOEL MATHEW JENI Mr. SAMUEL SEBASTIAN Mr. NAVANEETH KRISHNA

41. CITY ENGINEERING COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
383.	48S_BE_6032	TRACKING DRUG TRAFFICKING ACTIVITIES THROUGH MESSAGE PLATFORM INSIGHTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MONISHA G B	Mr. GOWRISHA H P Mr. SHARATH H R Mr. SHREEHARI S Mr. YASHWANTH GOWDA A P

42. CMS BUSINESS SCHOOL, JAIN (DEEMED-TO-BE UNIVERSITY), BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
384.	48S_MBA_0020	ENHANCED TREE PRUNING TECHNIQUES FOR PREDICTING DIABETES IN THE HUMAN BODY	M.B.A	BUSINESS ANALYTICS	Dr. HAROLD ANDREW PATRICK Dr. PRAVEEN GUJJAR J	Ms. SHREYA R JOSHI Ms. MADHURI MURALI Mr. MANISH GOPAL S

43. COLLEGE OF HORTICULTURE, BAGALKOT

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
385.	48S_MSCAg_0004	STUDIES ON DEVELOPMENT OF MOSQUITO REPELLENT INCENSE STICKS AND DHOOP FROM WASTE FLOWERS	M.Sc (Agriculture)	FLORICULTURE AND LANDSCAPING	Dr. BALAJI S. KULKARNI	Ms. PALLAVI S
386.	48S_MSCAg_0009	EVALUATION AND DEVELOPMENT OF MARKER FOR POWDERY MILDEW RESISTANCE AND YIELD COMPONENTS IN BITTERGOURD (MOMORDICA CHARENTIA)	M.Sc (Agriculture)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	Dr. SAYEED WAJEED R MULLA	Ms. PALLAVI KODLI
387.	48S_MSCAg_0010	DEVELOPMENT OF PINEAPPLE FRUIT POWDER AND EFFERVESCENT TABLETS FOR INSTANT FIZZY DRINK	M.Sc (Agriculture)	POSTHARVEST MANAGEMENT	Dr. CHANDAN K Mr. VEERESH HIREMATH	Ms. SUSHMITA ANIL DOLLI
388.	48S_MSCAg_0013	EFFECT OF GROWTH REGULATORS ON GROWTH, FLOWERING AND PRESERVATIVES ON QUALITY AND VASE LIFE OF GYPSOPHILA (GYPSOPHILA PANICULATA L.) CV. PEARL BLOSSOM.	M.Sc (Agriculture)	FLORICULTURE AND LANDSCAPING	Dr.BASAVARAJAPPA H. R.	Ms. POOJA V. KUDIGANUR

44. COORG INSTITUTE OF TECHNOLOGY, KODAGU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
389.	48S_BE_0025	A FEASIBILITY STUDY ON APPLICATION OF FENTON PHOTOCATALYSIS IN REMOVAL OF DYE FROM SYNTHETIC WASTEWATER	B.E.	CIVIL ENGINEERING	Prof. RAMYA H N Prof. NIDHI A H	Ms. BHAVYA C R Mr. DISHIL DEVAIAH P A Mr. FAIZAL P I Mr. LOHITH M U
390.	48S_BE_2899	IOT BASED DUAL PURPOSE FLAME THROWER AND EXTINGUISHER RC ROBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. DAINA K K	Ms. SIMRAN TAJ Z Ms. AZMEENA A A Ms. SUMATHI M R Mr. SYED UWAIZ RIYAZ
391.	48S_BE_0557	WASTE COLLECTION AND WASTE SEGREGATION ROBOT WITH DUSTBIN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHRUTHY K N	Mr. SUMITHRA N V Ms. KAVITHA C A Ms. POOJA M K
392.	48S_BE_0749	IOT BASED AUTOMATIC SERICULTURE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUMAN H M	Mr. RAKESH A B Mr. NANDAN G N Ms. SUPRIYA K S Ms. YAMUNA C S
393.	48S_BE_3028	DESIGN AND DEVELOPMENT OF A VACUUM-ASSISTED MULTI-CROP DRYER UTILIZING LIQUID CONVECTION AND RADIATION FOR ENHANCED PRODUCT QUALITY	B.E.	MECHANICAL ENGINEERING	Prof. RAJESH T N	Ms. LIKITHA K U Ms. CHONDAMMA K T Mr. MUDDAPPA M M Mr. SOMASHEKHAR R J

45. DAVANGERE UNIVERSITY, DAVANGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
394.	48S_MSC_0033	DESIGN AND DEVELOPMENT OF RECOMBINANT VACCINE FOR HUMAN PAPILLOMA VIRUS USING IN-SILICO TOOLS	M.Sc	BIOTECHNOLOGY	Dr.PRABHURAJESHWAR Dr. NAVYA H M	Ms. DEEPA M K Ms. H HEMADARSHINI
395.	48S_MSC_0321	UNVEILING THE ABIOTIC STRESS INDUCED SECONDARY METABOLITES IN SAFFLOWER	M.Sc	BOTANY	Dr. M. THIPPESWAMY Dr. SIDDAPPA B. KAKKALAMELI	Ms. DEEPA T. C Ms. BHAVANA G Mr. MANJUNATHA C
396.	48S_MSC_0323	NOVEL APPROACHES TO ENHANCE THE EFFICIENCY OF WHITE LIGHT EMITTING DIODES (WLEDS)	M.Sc	CHEMISTRY	Prof. NAGASWARUPA H.P.	Ms. SANIYA BANU Mr. PAVANA H Mr. RAMESHA P B
397.	48S_MSC_0004	IOT AND ROBOTICS BASED SYSTEM TO PROTECT FARMLAND FROM TRESPASSING ANIMALS	M.Sc	COMPUTER SCIENCE	Prof. CHANDRAKANT NAIKODI	Mr. PUNITH J J Mr. RACHANA R C Mr. RANGASWAMY C Ms. RANJITHA M G

46. DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
398.	48S_BE_3206	STRIDE SENTINEL: SECURITY SURVEILLANCE SYSTEM THROUGH GAIT ANALYSIS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SHIVAPRASAD ASHOK CHIKOP	Mr. AAHISH AAYAN Ms. OORJA SAXENA Mr. HARDIK KUMAR Ms. DIVYA J
399.	48S_BE_3153	REMODELING THE CONGESTED URBAN INTERSECTION - A CASE STUDY OF KONANAKUNTE CROSS JUNCTION	B.E.	CIVIL ENGINEERING	Dr. K N VISHWANATH Dr. M K HARIKEERTHAN	Mr. GOKUL K N Mr. MITHUN N Mr. SHASHANK V Mr. TEJAS H T

400.	48S_BE_3161	STRENGTH AND COST EFFECTIVENESS OF RETROFITTED RCC BEAMS USING ARTIFICIAL WOVEN FABRICS	B.E.	CIVIL ENGINEERING	Dr. SHUBHALAKSHMI B S Mrs. SANDHYA V	Ms. SABBAH ANDRABI Ms. NANDITHA K Mr. ARUNKUMAR G Mr. SOBAN
401.	48S_BE_3217	PERFORMANCE EVALUATION OF GREEN SYNTHESISED NANOCOMPOSITE ENHANCED ELECTRODES IN MICROBIAL FUEL CELL (MFC) FOR GENERATING EFFICIENT ELECTRICITY	B.E.	CIVIL ENGINEERING	Prof. SHREYAS B V Dr. K N VISHWANATH	Mr. YASHWANTH KUMAR R Ms. AKSHATHA N Ms. HARSHINI S R Mr. MANOJ U
402.	48S_BE_3816	PERFORMANCE EVALUATION OF BLACK COTTON SOIL STABILIZED WITH CONSTRUCTION DEMOLITION WASTE (C&D WASTE) AND LIME FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT - AN ECO-FRIENDLY METHOD	B.E.	CIVIL ENGINEERING	Dr. DEEPAK GB	Mr. BK PRAVEEN KUMAR Ms. NANDINI D Mr. SANJAY MEDAR Mr. UJWAL RAJ R
403.	48S_BE_3820	FIRE LOAD CALCULATION AND REMEDIAL MEASURES AS "FIRE SAFETY AUDIT" FOR BLOCK A, B & M at DSATM CAMPUS	B.E.	CIVIL ENGINEERING	Dr. K N VISHWANATH	Mr. NARAYAN V Mr. AKASH P Mr. GAGAN H P
404.	48S_BE_3234	GIS-BASED RUSLE MODEL FOR SOIL EROSION RISK ASSESSMENT AND SUSTAINABLE LAND-USE PLANNING IN KABINI RIVER BASIN, INDIA	B.E.	CIVIL ENGINEERING	Prof. SUPRAJA I	Ms. KEERTHI R Ms. SMRUTHI GM Mr. JEEVAN GS Mr. HHRUTHICK REDDY
405.	48S_BE_4326	BUILDING A MODEL OF SURVEILLANCE AND MONITORING SYSTEM FOR AGRICULTURE LAND	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RASHMI AMARDEEP Mrs. KAVYASHREE G M	Mr. ABHISHEK V Mr. ABHISHEK H V Mr. UMESH Mr. BHARATH N C
406.	48S_BE_5015	BREATHESAFE - A MACHINE LEARNING PLATFORM UTILIZING RANDOM FOREST AND NEURAL NETWORKS FOR AIR QUALITY INDEX PREDICTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof.VANAJAROSELIN CHIRCHI Mrs. NAMITHA K Y	Mr. BASAVAKIRAN R Mr. BHARATH C Mr. DEVAN K GAONKAR Mr. GOWTHAM N
407.	48S_BE_5106	SPIDROX IMPLEMENTATION OF STUDENT SOCIAL NETWORKING USING QUARKUS AND FLUTTER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NANDINI PRASAD K S Dr. VEENA R S	Mr. B A ADARSH Ms. MANASA M Mr. SHREYAS N BHAT Mr. VINAY NAYAK
408.	48S_BE_5499	HUMAN ACTIVITY RECOGNITION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PALLAVI H B Mrs. HARSHITHA B K	Ms. SIRISHA V RAMANA Mr. SAI CHANDRAN R
409.	48S_BE_6240	SMARTSTRIDE: IOT-ENABLED,VOICE ASSISTED WEARABLE SHOE FOR THE VISUALLY IMPAIRED INDIVIDUAL	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NANDINI PRASAD K S Dr. PAVANI CHERUKURU	Ms. MEGHANA U Ms. AMRUTHA H R Mr. GAGAN K V Ms. HARSHINI V
410.	48S_BE_6253	ADVANCED IOT AND MACHINE LEARNING SOLUTION TO MONITOR UNDERPASS WATER LOGGING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. POOJA NAYAK S	Mr. MANOJ M Mr. HARSHITH M M Mr. KRUTHIK K Mr. SRIDHAR N
411.	48S_BE_6417	OPTIMIZED PLATFORM FOR ASYNCHRONOUS VIDEO COMMUNICATION (OPAVC) - SAAS PRODUCT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAJESH L Prof. K R SURABHI	Mr. AKASH DEEP SINGH T Mr. C MANJUNATH Mr. DHANUSH L Mr. DHEERAJ M N
412.	48S_BE_6419	VITAL METRIC ANALYSER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. LOKABHIRAM DWARAKANATH Mrs. SOWMYA S R	Ms. SHUBHA NAIK Ms. Y DURGA JYOTHIKA Ms. REENU RAIKAR Mr. MOKSHITH MS

47. DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
413.	48S_BE_3659	AUTO LEVELLING HELIPAD FOR NAVAL OPERATIONS	B.E.	AERONAUTICAL ENGINEERING	Dr.SUNDARAMAHALINGAM A	Mr. AMEER KHUSHRU Ms. VAISHNAVI Mr. AKASH V KUMBAR Mr. VISHNU M
414.	48S_BE_5130	PROTOTYPING OF A DRAGONFLY INSPIRED MUAV	B.E.	AERONAUTICAL ENGINEERING	Dr. RAMASESHAN S	Mr. S SAMEED PASHA Mr. AGARWAL HARSH Mr. SHREYANT SWAMY Mr. ZAID AHMED
415.	48S_BE_5275	BIO-INSPIRED HONEYCOMB STRUCTURE	B.E.	AERONAUTICAL ENGINEERING	Dr. MANU HEGDE	Mr. DARSHAN S Mr. PUNEETH S Mr. FARHAN MINHAJ KASHIM Mr. M SATYA SAI SRINIVAS
416.	48S_BE_6389	EXPERIMENTAL TESTING OF HYBRID COMPOSITE OF KEVLAR AND BASALT UNDER LOW VELOCITY IMPACT AND FLAMMABILITY TEST	B.E.	AERONAUTICAL ENGINEERING	Dr. HAREESHA N.G	Mr. VIMARSH PRAJAPATI Ms. KUMKUM SAINI Ms. SINCHANA M Ms. VARSHA B.E

417.	48S_BE_4077	ANALYSIS OF UNDERBODY SCRAPPING USING HALFCAR MODEL	B.E.	AUTOMOBILE ENGINEERING	Dr. NANDAKUMAR M B	Mr. SYED NOUMAN Mr. KRISHNA P HOLLA Mr. LIKHITH K N Mr. THARUN S
418.	48S_BE_1383	DEVELOPMENT AND CHARACTERIZATION OF SUSTAINABLE BIOPOLYMER FILMS FROM SUGARCANE BAGASSE, A GREEN ALTERNATIVE FOR FOOD PACKAGING APPLICATION	B.E.	BIOTECHNOLOGY	Dr. HEMA KUMAR C Dr. PRIYA S	Ms. NAMRATHA BADAMI Ms. BHOOMIKA J R Ms. SHREYA T S Ms. VIDHI V MANDOTH
419.	48S_BE_1566	SODIUM BENZOATE : FOOD PRESERVATIVE OR TOXIN? A DROSOPHILA MELANOGASTER PERSPECTIVE	B.E.	BIOTECHNOLOGY	Mrs. BHANU REVATHI K Dr. JAYARAM L N	Ms. KAVYA N Ms. S PARINITHA Ms. SPOORTHI SHIVANAND Mr. JONNALAGADDA SHREERAG
420.	48S_BE_3652	SYNTHESIS OF BIOMASS-ENGINEERED NANO-ADSORBENT FOR ADVANCED CO2 SEQUESTRATION	B.E.	BIOTECHNOLOGY	Dr. PRIYA S Prof. M. SENNAPPAN	Ms. ASHITHA B Ms. GANAVI B
421.	48S_BE_0044	ECO-ENGINEERED APPROACHES FOR SUSTAINABLE MITIGATION OF RAINFALL-INDUCED SHALLOW LANDSLIDES	B.E.	CIVIL ENGINEERING	Mr. RAGHAVENDRA HN	Mr. KG MANAS VIJAY Mr. KOUSTUBH A Mr. JASWANT J Mr. MOHAMMED
422.	48S_BE_0091	AIR QUALITY IMPACT OF DIWALI IN BENGALURU : A COMPARATIVE STUDY OF PARTICULATE AND GASEOUS POLLUTANTS BEFORE AND AFTER THE FESTIVAL	B.E.	CIVIL ENGINEERING	Dr. SOWMYA H N Dr. ARCHADHA ARJUNASAMY	Mr. SHARANAGOUDA Mr. SUDEEP HUDED Mr. SUNIL V.M Mr. SYED JAMEER
423.	48S_BE_0317	IOT-ENHANCED SEISMIC RESPONSE MONITORING OF STEEL STRUCTURES	B.E.	CIVIL ENGINEERING	Dr. NEETHU URS B A	Mr. KARTHIK R GOVINDAPPANAVAR Ms. JANAVI B Ms. KUSHI S Ms. RACHANA M N
424.	48S_BE_0353	TRAFFIC VOLUME ANALYSIS FOR ENHANCING URBAN ROADWAY EFFICIENCY	B.E.	CIVIL ENGINEERING	Prof. HARSHITHA.M	Mr. N.SAI ANKITH Mr. MADHU V GOWDA Ms. NEHA H.C Ms. RAGHAVI N.S
425.	48S_BE_0354	LIGHT WEIGHT HEMP BLOCKS AS A SUSTAINABLE ALTERNATIVE IN MODERN CONSTRUCTION	B.E.	CIVIL ENGINEERING	Prof. TAHERA	Mr. VINOD KUMAR K Mr. SHASHANK M Mr. SUDEEP B R Mr. LAKSHMI RAMESH
426.	48S_BE_0406	REMOVAL OF FLUORIDES USING NANOPARTICLE	B.E.	CIVIL ENGINEERING	Dr. B.T. SHIVENDRA Dr. RAVINDRANATH	Mr. K AKASH KUMAR Mr. KALYAN KUMAR Mr. RAGHAVENDRA Mr. PAVAN SHRIKHAR BHATT
427.	48S_BE_0411	STRATEGIES TO REDUCE EMBODIED ENERGY FOR SUSTAINABLE CONSTRUCTION PRACTICES	B.E.	CIVIL ENGINEERING	Dr. GEETHA L	Mr. OMKAR VINAI DIXITH.M Mr. NAVEEN KUMAR TN Mr. ROHIT S Mr. ROSHAN JAYANTH
428.	48S_BE_0449	INNOVATIVE INTEGRATION OF VERTICAL AND HORIZONTAL AXIS WIND TURBINES FOR SUSTAINABLE HIGHWAY INFRASTRUCTURE	B.E.	CIVIL ENGINEERING	Mr.RAGHAVENDRAPRAJWAL H S Mr. RAGHAVENDRA H N	Mr. MOHITH C M Ms. JAHNAVI J Mr. PRAJWAL T P Ms. PRIYANKA K S
429.	48S_BE_0541	IDENTIFICATION OF WEATHERED AND FRACTURED ZONES USING ELECTROMAGNETIC (EM) METHOD	B.E.	CIVIL ENGINEERING	Dr. VENKATESHA G	Mr. MOHITH R Mr. RAGHAVENDRA H R Mr. N KARTHIK Mr. RANGANATH B S
430.	48S_MTECH_0030	EXPERIMENTAL AND NUMERICAL ANALYSIS OF ELASTOMERIC BEARING USING DIGITAL IMAGE CORRELATION FOR ENHANCED RESILIENCE	M.Tech	CIVIL ENGINEERING	Prof. MEGHASHREE M	Mr. KIRAN S Mr. NISHANTH S R
431.	48S_MTECH_0051	A STUDY ON THE IMPACT OF REAL TIME ADAPTIVE TRAFFIC CONTROL SYSTEMS (ATCS) WITH VEHICLE ACTUATED CONTROL (VAC) ON URBAN TRAFFIC CONGESTION.	M.Tech	CIVIL ENGINEERING	Dr. RESHMA.E.K	Mr. CHIRAG N
432.	48S_BE_0551	EYESPY: PUBLIC SURVEILLANCE AND SAFETY SYSTEM AND REAL TIME CRISIS MONITORING PLATFORM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KAVITHA K S Mr. ASWINI GHOSH	Ms. NAVYA MALHOTRA Mr. DEON SAMUEL FERNANDES Ms. RANJITHA B S Ms. SWABHI SRIVASTAVA
433.	48S_BE_0674	AFFINGEN3D - INTEGRATED DRUG TARGET AFFINITY PREDICTION AND PROTEIN VISUALIZATION USING GENERATIVE DEEP NETWORKS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNANDA Mr. AKASH R	Mr. MANEESH B Mr. HARSHA V Mr. MAHANING R K Mr. MANIKANTA K

434.	48S_BE_1181	BLOCKCHAIN-BASED TAX CALCULATOR AND GOVERNMENT FUND ALLOCATION AND TRACKING PROTOTYPE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VIMALA DEVI J Mr. DHEEMANTH NARASIMHA	Mr. HIMANSHU K PATIL Ms. BHOOMIKA NATARAJA Mr. AADITHYA KRISHNA Ms. SANIA AHMED
435.	48S_BE_1183	UNDERPASS WATER LOGGING SOLUTIONS USING ADVANCED INTERNET OF THINGS (IOT) AND DEEP LEARNING TECHNOLOGIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAMYA R S Mr. VENKATESH	Mr. D RAVIKUMARA Ms. LAKSHMI D Ms. NUTHANA S Mr. RAHUL R
436.	48S_BE_1208	SMART CONTROL OF TRAFFIC LIGHTS USING ARTIFICAL INTELLIGENCE FOR DYNAMIC ROAD ENVIRONMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. AMUTHA S Mr. SPARSH KESARI	Ms. VASUNDARA M.G Ms. ANITHA PRAKASH MUKKANNAVAR Ms. VAISHNAVI Ms. SUPRIYA T.K
437.	48S_BE_1233	NEUROARM: HARNESSING EEG SIGNALS FOR PROSTHETIC ARM CONTROL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. AMITH PRADHAAN Dr. PADMA C R	Mr. DEVANSH PEHLAJANI Mr. HARSH VARDHAN Mr. OM GORNALE Mr. RISHI JAIN
438.	48S_BE_1245	AI- POWERED NAVIGATION AND OBJECT DETECTION FOR THE VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANNAPOORNA B R Mr. NIRMALKUMAR A	Ms. NIKHITHA S Mr. AYUSH GAKRE Ms. BHOOMI JAIN Mr. ARJUN AMIT KHARADE
439.	48S_BE_1780	SELF-NAVIGATING ROVER FOR REAL TIME MAPPING AND DISASTER MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. GOPISETTI MANIKANTA	Mr. B SANDEEP REDDY Mr. ABHISHEK YADAV Mr. KRISHANKANT TEKCHANDANI Mr. ARIHANT SRIVASTAVA
440.	48S_BE_5208	DESIGN OF INTEGRATED DC/DC CONVERTER TOPOLOGY FOR HYBRID VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BALAMURUGAN M	Ms. KHUSHI BANSAL Ms. DEVIKA MOHANAN Ms. JYOTHI S GHODKE Mr. GOWTHAM C
441.	48S_BE_6277	AUTOMATED SERICULTURE MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KAVITHA K	Mr. C KARTHIK Mr. CHARAN GOWDA N Mr. D T BHUVAN HEGDE Mr. M MALLIKARJUN
442.	48S_BE_0028	INTELLIGENIE 2.0 - A HARDWARE BASED PERSONAL ASSISTANT DEVELOPMENT FOR DIGITAL APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PAVITHRA G Dr. SWAPNIL S NINAWE	Ms. ANANYA SAUMYA Ms. AANCHAL TINGE Mr. VINAYAK V NAIR Mr. YALLALING BIRADAR
443.	48S_BE_0052	VIDYUT- SMART GRID WITH EDGE COMPUTING AND FAULT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PAVITHRA G Dr. SWAPNIL S NINAWE	Ms. MANSI HATWAR Ms. MANASVI G KASHYAP Ms. ADITI AKUNDI Mr. SARVESH KULKARNI
444.	48S_BE_2617	COGNIAID - A COMPREHENSIVE SYSTEM TO MANAGE ALZHEIMERS PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUMA M R	Ms. NAMITA PAVAN Mr. PRAJWAL HEGDE Mr. KAMINENI SOHAN Mr. PRASANNA NARASIMHA HOLLA
445.	48S_BE_6202	IOT BASED AUTONOMUOUS AQUACULTURE SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATIO N ENGINEERING	Dr. MEHARUNNISA S.P.	Mr. MOHAMMED MUSTAFA RAZA Mr. ABIJITH A.N.
446.	48S_BE_0014	DESIGN AND IMPLEMENTATION OF A SECURE BITCOIN HARDWARE WALLET	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Dr. SANDEEP K V Dr. IFFATH FAWAD	Mr. A R GAGAN Mr. BHARATH KUMAR REDDY M Mr. B AVANISH Mr. DILEEP V
447.	48S_BE_0060	BATTERY THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Prof. C.JAYANTH Dr. SMITHA SASI	Mr. S M PRERAN PREETHAM Mr. SACHIN T Mr. PRAKASH V M Ms. SNEHA BHUSARE
448.	48S_BE_0075	N-BIT ALU USING CMOS FORCED TRANSISTOR STACKING	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Dr. SRIVIDYA B V Dr. SMITHA SASI	Ms. MANASI V VARMA Ms. NIDHI MUKESH Ms. ISHWARYA S Ms. KAVITA S
449.	48S_BE_0077	DESIGN OF MULTIPLIER USING COMPRESSORS AND CMOS LOGIC	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Dr. SANDEEP K V	Mr. VAMSHI V R Mr. SHISHIR D S Ms. SUPREETHA A S Ms. VARNA D SHETTY
450.	48S_BE_0145	CPU DESIGN USING VERILOG	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Dr. IFFATH FAWAD Dr. SANDEEP.K.V	Mr. SKANDA.C Mr. SHREESHA BHAT Mr. RAMKUMAR R Mr. VRINDESH MALIK
451.	48S_BE_0254	CHLOROPHYLL - AN APP BASED PLANT MONITORING SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	Dr. SMITHA SASI	Mr. RAHUL HARSH Mr. SHRAVAN KUMAR MANDAL Mr. SUVAM SHAW Mr. VIKASH ANAND

452.	48S_BE_2934	AIR QUALITY MONITORING AND PURIFICATION DRONE WITH THERMAL IMAGING	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. ANITHA SURESH Dr. SMITHA SASI	Mr. MD SAMIR Mr. AYAN SOHAIL ABBASI Mr. B AKHIL SREENIVAS Ms. M DIVYA GURURAJ JADHAV
453.	48S_BE_1982	TRANSFORMING DIABETIC RETINOPATHY DETECTION WITH ADVANCED AI TECHNIQUES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAJESHWARI J	Mr. GANESH V R Ms. APOORVA VENKATESH SHANBHAG Ms. BATUL FATHIMA Ms. M TANISHA
454.	48S_BE_2800	AUTOMATION IN DEPLOYMENT OF SMART CONTRACT USING BLOCKCHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRATHIMA MABEL J Dr. VANI K A	Mr. PIYUSH KUMAR KARN Ms. SUHANI SRIVASTAVA Ms. PRANJUL KARMELE Ms. SNEHA SONI
455.	48S_BE_3933	EXAM MALPRACTICE DETECTION USING YOLOV8 AND CNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. YOGESH B S	Mr. DEEP SINGH Mr. JUNAID IQBAL Mr. KARAN GARG Ms. MEHVISH FATIMA
456.	48S_BE_6329	OPTIMIZATION OF EQDC PROTOCOL FOR IMPROVED ENERGY EFFICIENCY AND CLUSTER HEAD SELECTION IN WSN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SANTOSH ANAND	Mr. SAIYAM GOYAL Mr. KARAN DEVAKATTE Mr. MENTE GANESH Mr. YUVRAJ G
457.	48S_BE_6341	ENCAPSULATING THE R3 CORDA FRAMEWORK THROUGH RESTFUL APIS AND DEVELOPING AN INTUITIVE GUI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. BINDU BHARGAVI S M Dr. ANNAPURNA P PATIL Mr. RANJIT SANKARASUBRAMANIAN	Ms. YUKTHI R S Mr. NITHEESH C Mr. SATHVIK L BHAT Mr. RITHISH KUMAR PLG
458.	48S_BE_6396	DESIGN AND DEPLOYMENT OF SECURE MULTI PARTY DISTRIBUTED LEDGER TECHNOLOGY (DLT) FOR LOAN MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ANNAPURNA P PATIL Mrs. BINDUBHARGAVI S M Mr. RANJIT SANKARASUBRAMANIAN	Mr. SHAMANTH K R Mr. SHRAVAN SUBHASH SHETTY Mr. SAYED N SHAIKH Mr. PRADEEP Y
459.	48S_BE_2967	DESIGN AND FABRICATION OF A WORKING ARM FOR MRI MACHINES	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATH B T	Ms. KEERTHI KAVERAMMA M Y Mr. PRANAV S Ms. BHOOMIKA H Mr. BHUVAN V
460.	48S_BE_3252	DESIGN AND FABRICATION OF SPECIAL PURPOSE DRONE FOR SURVEILLANCE	B.E.	MECHANICAL ENGINEERING	Prof. AVILASHA B.G	Mr. K.M. VAIBHAV Mr. AUM VARADARAJAN Ms. ANUSHKA JHA Mr. ROBIN VICTOR
461.	48S_BE_3714	HARNESSING VORTEX-INDUCED VIBRATIONS FOR AQUATIC CLEAN ENERGY GENERATION	B.E.	MECHANICAL ENGINEERING	Prof. MADHAVA MOORTHY Dr. KESHAVAMURTHY R	Mr. ABHISHEK R Mr. ADITHYA K VERNAKAR Mr. ADITHYA S GOWDA Mr. ROHITH M
462.	48S_BE_3910	BIOPHOTONIC ANALYZER DIAGNOSING ANEMIA AND NAIL DISEASE PATHOLOGY USING CONVOLUTIONAL NEURAL NETWORKS	B.E.	MEDICAL ELECTRONICS	Dr. S. HEMA PRIYADARSHINI Dr. SILPA AJITH KUMAR	Mr. PAVAN H R Ms. LIKHITASREE S Mr. PRASHANT TALWAR Mr. MUKUL ANAND KOLAR

48. DAYANANDA SAGAR UNIVERSITY, RAMANAGARA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
463.	48S_BE_5374	OPTIMIZED CROP DISEASE SEGMENTATION AND PREDICTIVE OUTBREAK MANAGEMENT FOR PROACTIVE AGRICULTURAL SOLUTIONS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. VINUTHA N	Mr. PRADEEP K Mr. MITHESH CHANDRASEKAR Mr. ROHAN JOHN VARGHESE Ms. RUCHITHA GOWDA S
464.	48S_MSC_0307	BIOACTIVE PEPTIDES FROM SEAWEED: IDENTIFICATION, ISOLATION AND THERAPEUTIC APPLICATION IN THE MANAGEMENT OF OBESITY AND DIABETES MELLITUS	M.Sc	BIOLOGICAL SCIENCES	Dr. NEHA DEORA Dr. BLESSY BABY MATHEW	Mr. BHARATH MB Ms. ASHRITA M Ms. VOOTUKURI SHRAVANI Ms. HARSHITHA B P
465.	48S_MSC_0061	ENGINEERED E.COLI FOR ENHANCED PRODUCTION OF TYROSINASE FROM ACINETOBACTER MODESTUS NIPH 236 FOR TREATMENT OF PETROLEUM POLLUTANTS	M.Sc	BIOTECHNOLOGY	Dr. VINEETHA MS	Ms. YASHASWINI R Ms. NISHA G Ms. SNEHA S RAO Mr. NISHANTH S

466.	48S_BE_4646	LINGOBRIDGE AI: MULTILINGUAL SUMMARIZATION AI TOOL	B.E.	COMPUTER ENGINEERING	Dr. PRAMOD KUMAR NAIK	Mr. DIVYANK JAIN SINGHVI Ms. GHOSH EKTA RAJKUMAR Mr. SAVHAR VERMA Mr. SASWAT.S. ROUT
467.	48S_BE_0864	CARDIAC ARRHYTHMIA DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RENUKA DEVI M.N	Mr. RACHIT KUMAR A Ms. SAANCHITHA D Mr. SAVINAY NAMBIAR Mr. SRINIVAS REDDY D
468.	48S_BE_0131	SMART SURVEILLANCE: AI DRIVEN THREAT DETECTION AND WOMEN SAFETY ENHANCEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SASIKALA N	Mr. SWARAJ KHAN P Mr. V KARTIK Mr. HAVISH RAM PADARTHI Mr. MANOJ KUMAR ASHER B
469.	48S_BE_0626	PAWSCAN: AI-POWERED EARLY DETECTION OF SKIN DISEASES IN STRAY DOGS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SASIKALA N	Mr. VENKATESH P Mr. NANDEESH P MATH Mr. SAMARTH S S Ms. SREE VIBHA G
470.	48S_BE_1126	AI ENABLED CLOUDLESS HOME ECOSYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. REVATHI V Dr. PRAMOD KUMAR NAIK	Mr. ANDREW NITIN JOSEPH Ms. JASMITHA JK Mr. MATHEW JACOB Mr. NAINDEEP SINGH
471.	48S_BE_1978	IOT BASED POWER TRANSMISSION LINE FAULT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.SANTHOSH.M	Ms. POOJA K S Ms. MONISHA D Ms. NIHARIKA.R Mr. SIDDESH KUMAR C
472.	48S_BE_3344	VIRTUAL HERBAL GARDEN USING VIRTUAL REALITY METHODOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BASAVARAJ N. HIREMATH	Ms. BHAT DHANVI Ms. ALISHA ARIC FERNANDES Ms. BHOOMIKA G
473.	48S_BE_3436	PERMANENT TEETH ALIGNMENT FOR OPTIMIZED DENTAL CARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAJESH T.M	Ms. POOJA GR Mr. NAVNEETH V Mr. PRAFUL CHANDAN REDDY Mr. NA SATHVIK
474.	48S_BE_3864	PORTABLE ECG DEVICE WITH MOBILE APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARJUN KRISHNAMURTHY	Ms. ANAGHA UPADHYAYA Mr. ASHUTOSH KUMAR Ms. BHARGAVI CHHANGANI Mr. SUBHAM JHA
475.	48S_BE_4386	INSIGHT VISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ARUNKUMAR GOPU	Mr. LOHITH N H Mr. KARTHIK MC Ms. PRIYA KUMARI Ms. RAKSHA R
476.	48S_BE_4514	ADVANCED AUTONOMOUS VEHICLE SYSTEM USING BEHAVIOUR CLONING FOR PATH OPTIMISATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GOUSIA THAHNIYATH	Mr. PATEL MUHAMMAD Mr. AMAR KUMAR Mr. GANESH Mr. RISHABH SINGH
477.	48S_BE_4679	VISIONARY ADAS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. REVATHI V	Mr. YASH SHINDEY Mr. SPANDAN DAS Ms. VAISHNAVI ARYA Ms. DEEPTI GURJAR
478.	48S_BE_4687	TRAFFIC MANAGEMENT SYSTEM WITH AI & IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MALA B A	Mr. SHARIQ Mr. MOHAMMADMUJEEB M ATTAR Mr. ROHAN ANNASO PATIL Mr. YATHISH RAJ S
479.	48S_BE_5510	REST SENSE-IOT-POWORED SMART PILLOW FOR COMPREHENSIVE SLEEP MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. T GAYATHRI	Ms. RAKSHITHA S Ms. SHREYA HP Ms. BANASHANKARI M GUDAGUDI Ms. RAMYA SHREE K
480.	48S_BE_5942	HUMANAUTH (AI IDENTITY VERIFICATION)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHETHAN SAGARNAL	Mr. BASAVARAJ NADUVINAMANI Ms. PUSHPA PRIYA N Ms. S THRIVENI Ms. SAHANA N
481.	48S_BE_0031	PORTABLE ELECTROCHEMICAL DEVICE FOR RAPID ON-SITE DETECTION AND QUANTIFICATION OF BACTERIA IN WATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. B M ASHWIN DESAI Dr. PRONAMA BISWAS	Ms. SINCHANA U SHETTY Ms. PANNATI S Ms. NANDITHA M U

49. DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
482.	48S_BE_2430	CodeVisAI: VISUALIZING CODE INTELLIGENTLY	B.E.	COMPUTER SCIENCE	Prof. SHRAVYA G GOWDA Dr. HEMANTH KUMAR N P	Mr. NIHAR A Mr. PRATHAMESH RAJENDRA KESTE Mr. NANDEESH M R Mr. RAYYAN KHAN

483.	48S_BE_3069	AI-DRIVEN NETWORK AND DEEPFAKE THREAT DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAMEENA BANO	Ms. BINDU J Ms. BHAVANA M Ms. DIPA SHARMA Ms. HARINI S KULKARNI
484.	48S_BE_3073	BLOOD GROUP DETECTION BY USING FINGERPRINT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHAMBHAVI	Ms. SANGEETA H Ms. SNEHA V JAGADE Ms. SHRAVYA N S Ms. ASHMITHA MADIWALAR
485.	48S_BE_3301	DHWANI - A VIDEO CONFERENCING UTILITY WITH SIGN LANGUAGE CONVERSION FOR DEAF AND DUMB	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. USHA KIRANA S P	Mr. VIJAYA KEERTHI B Mr. YASHWANTH M P Mr. VINAYAKA SIDDAPPA HACHAPPANAVAR Mr. TEJASWI G R
486.	48S_BE_4778	AI-DRIVEN VIDEO INTERVIEW ANALYSIS FOR FAIR AND TRANSPARENT RECRUITMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHAMBHAVI	Mr. LEKANTH H Y Mr. KUSHAL GOWDA A Mr. MOHAMED SHYZE GHORI Mr. PREETHAM M P
487.	48S_BE_5598	WOMAN SAFETY BAG	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. JYOTI M R	Mr. PRIYANSHU SINGH Mr. JEEVAN M Mr. KIRAN S Ms. SUSHMITHA R
488.	48S_BE_6308	SPLIT BATTERY SELF-CHARGING E-BICYCLE USING MAGNETO FOR RURAL APPLICATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. ANGURAJA R Prof. R SANTHOSH KUMAR	Mr. OMKAR JAIN Mr. VAISHNAVI Y Mr. KIRAN B S Ms. SPANDANA V
489.	48S_BE_6252	SOLAR POWERED PESTICIDES SPRAYING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. TEJASWINI M L Dr. ASHWATH NARAYANA B S	Ms. GANASHREE M G Ms. HEMAVATHI N Ms. KAVYA V Ms. PRARTHANA R
490.	48S_BE_2255	BLIND SIGHT BOOST	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. WAHIDA BANU	Mr. SANJAY J Mr. MOHAMMED SWLIH AA Mr. KIRAN S Mr. LVESH GOWDA NK
491.	48S_BE_3099	TOUCH LESS CURSOR CONTROL : A MULTI-MODEL APPROACH TO CONTROL CURSOR USING HAND GESTURE, VISION GESTURE, SPEECH COMMANDS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. R.YASHODARA	Mr. SYED ROSHAN ZAMEER Mr. SUHAS C Mr. SANJAY K I Mr. VIJAYA KEERTHI BS
492.	48S_BE_3784	SECURE FACE DETECTION AND RECOGNITION SYSTEM WITH ANTI-SPOOF AUTHENTICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. DIVYASHREE K Mrs. R.YASHODARA	Mr. SHAMANTH GOWDA R Mr. SHASHANK S Mr. SAI PRATHIK S Mr. VAIBAV DANDE

50. Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
493.	48S_BE_4042	HYDROPHOBICITY ENHANCEMENT OF ALKALI ALLUMINOSILICATE POLYMER WITH BEE WAX AND MOLASSES AS NATURAL WATERPROOFING AGENTS	B.E.	CIVIL ENGINEERING	Dr. NAGARAJ V. K.	Mr. H ABHISHEK GUNJAL Mr. AJAYSINGH RATHOD Mr. AMRUTESHWARSWAMY T Mr. BINDUPRASAD B N
494.	48S_BE_1472	KITCHAI - ENHANCING CULINARY INDEPENDENCE FOR THE VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHU B	Ms. DIVYASHREE V CHALAVADHI Ms. BHUVANESHWARI Ms. DAKSHATHA B Ms. HARSHITHA M Y
495.	48S_BE_5747	SPACEBIOLAB: VISUALIZING THE IMPACT OF MICROGRAVITY ON PLANT GROWTH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHU B	Mr. AMRUTHAMSH A Mr. ABHISHEK G L Ms. ANGELINA MIRIAM DENNY Ms. CHANDANA S J
496.	48S_BE_2073	INFANT EMOTION MONITORING AND SOOTHING SYSTEM USING MULTISENSORY FEEDBACK AND GSM ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KAVITHADEVI C S	Ms. IMPANA H Ms. ANKITHA A A Ms. BHOOMIKA C PATIL Ms. RACHANA S P
497.	48S_BE_2908	MED-BOT FOR SMART MONITORING AND AUTOMATION FOR PATIENTS	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr.CHANDRAKALA V Dr. RAVISH D.H	Ms. POORNIMA.U Ms. GHOSHTI S Mr. MANOHAR K R

51. Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
498.	48S_BE_6248	FABRICATION OF HYBRID PHOTOVOLTAIC PANEL CLEANING ROBOT	B.E.	MECHANICAL ENGINEERING	Mr. PURNESH N Dr. MANJUNATHA BABU N S	Mr. DIWAKAR D V Mr. VIVAN M Mr. ARUN KUMAR S Mr. AVINASH A

52. EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
499.	48S_BE_4725	RECYCLING OF WASTE MARBLE POWDER, FLY ASH AND GGBS IN TERNARY-BLENDED GREEN GEOPOLYMER COMPOSITES IN PAVED TILES	B.E.	CIVIL ENGINEERING	Dr. GEENA GEORGE	Mr. DILKHUSH KUMAR Mr. CHANDAN KUMAR YADAV Mr. DIWAKAR KUMAR ROY
500.	48S_BE_5420	DETERMINATION OF PRESSURE LOSSES AND FLOW DISTRIBUTION AT PIPE TRIFURCATION USING EXPERIMENTAL TECHNIQUE	B.E.	CIVIL ENGINEERING	Dr. NAGARAJ SITARAM	Ms. VARSHINI K R Ms. CHAITHANYA S Ms. MAMATHA SHREE T Ms. HARSHITHA G S
501.	48S_BE_2136	SMART WOMEN SECURITY SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. KESAVAN M V	Mr. ABHINAV MALLAPPA RADDER Mr. ABHISHEK GOWDA M S Mr. MADHAN M S Ms. REKHA S C
502.	48S_BE_2623	SYNCLOUD	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JAGADEVI BAKKA	Mr. SUDARSHAN V Mr. THOMAS ANTONY S Mr. VIKAS B Mr. BABITH KP
503.	48S_BE_6035	AI POWERED EXOSKELETON ARM FOR PARALYSED PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. YOGESH G.S	Mr. GAUTHAM R Mr. BHANU PRAKASH M C Ms. BHAVANI M Ms. CHANDANA SHREE S
504.	48S_BE_3084	AI DRIVEN 3D MOTION CAPTURE AND HUMAN BODY DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KOMALA C R	Ms. PURVIKA A S Ms. YUKTHA V Ms. SHAMANA S Ms. SHRADDHA B S

53. EAST WEST COLLEGE OF ENGINEERING, YELAHANKA, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
505.	48S_BE_0018	SMART GESTURE GLOVE FOR WHEELCHAIR NAVIGATION AND COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ARPANA GK	Mr. VARUN J Mr. GOWTHAM R Ms. APOORVA P Ms. ANANYA KR

54. EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
506.	48S_BE_6219	INNOVATIVE NANOPARTICLES IN WATER FILTRATION: STANDALONE SOLUTIONS FOR RURAL WATER SUPPLY AND BUILDING SOLUTIONS	B.E.	CIVIL ENGINEERING	Prof. SHASHI SHEKHAR	Mr. BASIT MEHRAJ Ms. KAVYA J ACHAR Ms. SURAKSHA K Ms. VARSHITHA G
507.	48S_BE_1729	STUDY ON APPLICATION OF METAL DOPED NANOPARTICLES IN WASTE WATER TREATMENT	B.E.	CIVIL ENGINEERING	Dr. M S NAGARAJA GUPTA Dr. RAVIKUMAR C R	Ms. YESHASWINI B S Ms. DHARUNI V Mr. DAYANANDA C Mr. MALLESH R K
508.	48S_BE_0883	SMART IOT ENABLED BATTERY MANAGEMENT AND FIRE SAFETY SYSTEM FOR ELECTRIC VEHICLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NALINI B M	Mr. SHASHANK A S Mr. SARUP DAS Mr. SANDEEP N K Mr. PUNEETH P O
509.	48S_BE_1073	SMART SCAN: QUANTUM ENHANCED THREAT MATRIX	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SOWMYA B	Mr. PRAJWAL A PATIL Ms. DHRUVANTHI D Ms. DANITHA DINESH Ms. ASHRITHA S G
510.	48S_BE_2420	A NEW DAWN IN CARDAMOM: CULTIVATING SUSTAINABILITY THROUGH RAINWATER HARVESTING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ACHYUTHA PRASAD N	Ms. RUCHITHA YADAV M Mr. SOURAV R Ms. SUPRIYA B M Mr. THARUN KUMAR P
511.	48S_BE_1061	BATTERY MANAGEMENT SYSTEM USING ACTIVE CELL BALANCING AND BATTERY PROTECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Ms. GAYATRI CHAVAN	Mr. DARSHAN H S Mr. ASHREEK A R Mr. MANOJ REDDY J N Mr. SHIVAKUMAR HIREMATH
512.	48S_BE_0769	AQUANEBULA SMART WATER DISPENSER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHAGYA	Mr. NAVEEN S Mr. LALITH K Mr. NAVEEN R Mr. NAVEEN V
513.	48S_BE_0770	"JEEVAN RAKSHA" FOR MILITARY GROUND ROBOT USING IOT AND ML	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANAND M	Ms. SAI SMRUTHI A P Ms. NISARGA. C. M Mr. NIKHIL. K Ms. RAKSHITHA. K. N

514.	48S_BE_1925	6G-DRIVEN WIRELESS COMMUNICATION BASED SMART CITY MODEL USING ESP-NOW AND DISTRIBUTED ANTENNA SYSTEMS (DAS) FOR EFFICIENT COMMUNICATION AND NARROWBAND SENSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. HEMA C	Ms. CHINMAYI B S Mr. AMIT KUMAR Mr. HEMANTH GOWDA S V Ms. VINUTHA C
515.	48S_BE_3170	INTRAVENOUS FLUID MONITORING AND ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MANJULA B B	Mr. KIRAN PATEL S Mr. RANGANATHA N Mr. PRATHIK N P Mr. SURAJ H D
516.	48S_BE_3237	EMG-CONTROLLED LOWER LIMB EXOSKELETON STIMULATOR FOR HEMIPLEGIC PERSON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. GEETHA B	Ms. MEGHANA R Mr. MANOJ R Ms. MEGHANA S Mr. MOHAN V
517.	48S_BE_3992	AUTOMATED SOLAR PANEL POSITIONING AND MAINTENANCE SYSTEM USING LABVIEW	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. HEMA C	Mr. YASHWANTH M Mr. ULLAS GOWDA J Mr. YASHWANTH PATEL D R Mr. PRAMATH G
518.	48S_BE_4944	IMPLEMENTATION OF AMPHIBIOUS ROBOT FOR WILDLIFE MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRINIVAS BABU P	Ms. SHILPA S Mr. YASHAS N Mr. RAMPRASAD M H Mr. SANJAY A H
519.	48S_BE_5483	AERO CUBE SURVEILLANCE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KAVITHA R J	Mr. SRINIVAS D Mr. TILAK G Mr. TARUN N Mr. AMITH N
520.	48S_BE_0222	RASTE MITRA - AUTOMATED POTHOLE DETECTION AND FILLING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SMITHA P	Ms. MANYA K N Ms. MEGHA P Ms. MONIKA O G Ms. VAISHNAVI R
521.	48S_BE_0278	WIFI INTRUSION DETECTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. LIKHITHA S	Ms. LAVANYA S Mr. B K HEMANTH RAJ Ms. KUSUMITHA K S
522.	48S_BE_0366	BRIDGE SAFETY FOR A SECURE SOCIETY USING AI AND IOT FOR INFRASTRUCTURE MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHRUTHI T V	Ms. VISMITA Ms. SAI KUSHALA D Ms. SOUNDARYA P Ms. SPOORTHI A V
523.	48S_BE_0707	FETAL BRAIN ABNORMALITIES DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. VEDHASHREE	Ms. BHAVANA N NAIK Ms. CHANDANA G D Ms. KEERTANA B S Ms. PRIYANKA
524.	48S_BE_0752	SMART IOT PANZER USING WIFI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIDHYA K	Mr. ROHAN P Mr. TEJAS M
525.	48S_BE_0910	INTELLIGENT SILKWORM INCUBATOR USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIDHYA K	Mr. MANOHAR REDDY M Mr. KUSHALGOWDA N R Mr. MANJUNATH HULAGERI Mr. HEMANTH GOWDA H M
526.	48S_BE_3609	AUTOMATED SPEED AND VIOLATION DETECTION WITH MESSAGE BASED FINE NOTIFICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. AKSHATHA K S	Mr. SURYA KUMAR K V Mr. NANDU VARMA E A Mr. VENUGOPALREDDY P V
527.	48S_BE_3592	FOOT STEP ELECTRIC GENERATOR	B.E.	MECHANICAL ENGINEERING	Dr. SUPREETH S	Mr. TILAK N Mr. MANOJ KUMAR B R Mr. ROHITH G Mr. ASIF PASHA
528.	48S_BE_4743	DEVELOPMENT OF MAGNETO ACETONE GASOLINE ENGINE	B.E.	MECHANICAL ENGINEERING	Mr. PRASHANTH S	Mr. SRINIDHI D S Mr. BHUVAN M S Mr. UDAY N KULKANI Mr. DARSHAN N

55. G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
529.	48S_BE_5442	RECYCE AND REUSE OF GREY WATER TO AID SUSTAINABLE WATER MANAGEMENT	B.E.	CIVIL ENGINEERING	Mrs. SUMA .T N Mr. MAHADEVA C K	Mr. ABHISHEK J Mr. CHANDAN H Mr. HARSHITH GOWDA B R Mr. NAYAN KUMAR K
530.	48S_BE_5782	AI-DRS AND AUTOMATED THIRD UMPIRE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RADHAKRISHNA K R Prof. MOHAN KUMAR M	Ms. ANANYA NIKITHA C V Ms. KRUTHIKA B S Ms. YASHASHWINI S V
531.	48S_BE_5618	MACHINE LEARNING BASED LANDSLIDE SUSCEPTIBILITY MODELLING WITH EMPHASIS ON UNCERTAINTY ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ARUN KUMAR B V Ms. MADHUSHREE	Ms. MYNA A M Ms. MADHUSHREE A N Ms. C PRIYA Ms. SINCHANA
532.	48S_BE_5650	CROPPING PATTERN PREDICTION USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PALLAVI R Prof. ARUN KUMAR B V	Ms. BHAVANA K B Ms. PRATHIMA M Ms. HEMA D R Mr. HARSHA K

533.	48S_BE_5797	DETECTION OF CYBERBULLYING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ARUN KUMAR B V	Mr. SUDARSHAN BASAPRABHANNAVAR Ms. BHAVANA H K Ms. DEVIKA M Ms. NAYANA H R
534.	48S_BE_5872	VECHICLE EMISSION DETECTION AND CONTROLLING MEASURE USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUSHEELA N Mr. MOHAN KUMAR M	Mr. RAHUL V M Mr. CHANDRA SHEKAR S Mr. SHANTHARAJU S
535.	48S_BE_6322	VIGILANT VISION: SMART SURVEILLANCE WITH AUTOMATIC ALERTS FOR REAL TIME THREAT DETECTION AND PUBLIC SAFETY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. MADHUSHREE Dr. RADHAKRISHNA K R	Ms. BHAVANA S M Ms. UMME SALMA Ms. CHANDANA S Ms. SHWETHA V
536.	48S_BE_5522	KISHORI SHAKTI YOJANA TO IMPROVE NUTRITIONAL AND HEALTH STATUS AND SELF DEVELOPMENT OF GIRLS IN THE AGE GROUP OF 11-18 YEARS USING MACHINE LEARNING.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. CHETHAN R Mrs. SUMITHA C	Mr. KRUTHIK S Ms. DEEPA P Ms. KUSUMA J Mr. MOHAN KUMAR B C
537.	48S_BE_5549	IOT BASED SANITARY PAD VENDING MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. RAVI KUMAR K N Mr. CHETHAN R	Ms. KEERTHANA K V Ms. AISHWARYA S Ms. DIVYA P Ms. PREETHI K
538.	48S_BE_6238	THREE WHEEL BULLOCK CART	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. ARUNA N S Mr. CHETHAN R	Mr. SRINIVAS N Mr. CHINNA B S Mr. KIRANKUMAR K Mr. SACHIN CS
539.	48S_BE_5561	LOW-COST AI-POWERED SMART GLASSES FOR VISUALLY CHALLENGED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. HEMANTH KUMAR M S	Ms. GUNASHREE G S Ms. SINCHANA C M Mr. SHIVAPRASAD T M
540.	48S_BE_5827	SOLAR POWERED PORTABLE NON-RO WATER PURIFIER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. HEMATH KUMAR M S	Mr. SHARATHKUMAR E Ms. SHILPASHREE L Ms. JYOTHI N
541.	48S_BE_5931	ROBOTIC ARM CONTROL USING ASSISTANCE IN KANNADA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHRUTHI V	Mr. KIRAN S Ms. PRUTHVI M S Ms. ANANYA
542.	48S_BE_6280	DESIGN AND IMPLEMENTATION OF SELF CHARGING E-BICYCLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHRUTHI V	Ms. SONIKA K N Ms. KEERTHANA K K Ms. BINDU A S
543.	48S_BE_6209	AUTOMATED LAKE WATER CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. SUDHIR B S Mr. UMESHA B C	Mr. MANOHAR K R Mr. RAMESH G Mr. MAHESHA D Mr. CHETAN KUMAR H M

56. G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
544.	48S_BE_1723	DEVELOPMENT OF BIOWRAPPERS USING BANANA PSEUDO STEM, SUGARCANE BAGASSE AND ARECANUT HUSK	B.E.	BIOTECHNOLOGY	Dr. GURUMURTHY.H Ms. SUSHMA B.S	Ms. SUSHMITHA B PATIL Mr. KARIBASAVA REDDY B Ms. SRUSHTI A PATIL
545.	48S_BE_5292	DEVELOPMENT OF MOSQUITO REPELLENT USING CYMBOPOGON CITRATUS	B.E.	BIOTECHNOLOGY	Mr. GANESH G TILVE Dr. GURUMURTHY H	Mr. ULLAS B J Mr. PRAJWAL D S Mr. SHIVRAJ G P Mr. TEJAS S
546.	48S_BE_4278	AN INVESTIGATION ON THE EFFECTS OF STABILIZING CLAYEY SOIL USING COPPER SLAG AND NANOMATERIAL	B.E.	CIVIL ENGINEERING	Mr. KIRAN KUMAR CM Dr. HANUMESH BM	Ms. PRATHEEKSHA RANI KT Ms. LAKSHMI GP Ms. JYOTHI MALAGITTI Ms. ANANYA KP
547.	48S_BE_5567	HEAT ENERGY STORED IN BRICKS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MURUGENDRAPP N	Mr. AKASH C Ms. LEKHANASHREE B G Mr. MANIKANTA M C Ms. SNEHA B
548.	48S_BE_2786	ADVANCED TEMPERATURE REGULATION SYSTEM FOR MEDICAL STORAGE UNITS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MANJULA B K	Mr. LIKHITH B Ms. KAVYA G P Ms. HARSHITHA B G Mr. ADARSH C R
549.	48S_BE_2807	UNDERWATER COMMUNICATION USING VISIBLE LIGHT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VISHWARAJ Dr. RAJASHEKHAR B SOMASAGAR	Ms. REETHU R Ms. RANJITHA S S Ms. SPANDANA N G Ms. YASHASWINI M CONTRACTOR
550.	48S_BE_3416	AUTOMATIC VEHICLE SPEED CONTROL SYSTEM IN RESTRICTED AREAS USING BLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. CHETAN B V	Mr. MURALIDHARA L S Mr. G S ESHWAR Mr. MALLESH N G Ms. MANASA D
551.	48S_BE_3591	EMERGENCY MEDICINE USING DRONE IN REMOTE AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SOMASHEKHAR GC	Mr. LAVANYA P T Mr. LAKSHMI NARAYAN C Ms. CHINMAYI N G Ms. JYOTHI H S

552.	48S_BE_4003	RFID BASED SMART TROLLEY FOR THEFT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. REVATHI S NADUVINAMANI	Mr. DUSHYANTH C N Mr. AKASH KOUJALAGI Mr. GANGADHARA D C
553.	48S_BE_2445	BLOCKCHAIN MEETS APTITUDE: THE APTIFIED BREAKTHROUGH	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. FIROZ KHAN	Mr. SHREYANK SHIVAPPA JAWAI Mr. SKANDA A Mr. SUHAIL KHAN Mr. DARSHAN Y D
554.	48S_BE_2459	RAINFALL PREDICTION USING RFA.	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SOUMYA Y	Ms. CHAITRA M R Ms. VAISHNAVI SK Mr. SOORAJ B PATTEDA
555.	48S_BE_2819	REAL-TIME TOURIST SPOT FINDER AND TOUR BOOKING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. POOJA M V	Mr. SUMITH S RAIKAR Mr. SRUJAN K S Ms. GOURI S K Ms. PALLAVI S M
556.	48S_BE_3268	NEXT GEN ACADEMIC VERIFICATION WITH BLOCKCHAIN TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. NIVEDITHA. N. M	Ms. VINUTHA K H Ms. SHRAAVANI K R Ms. DARSHINI S Ms. SANJANA R
557.	48S_MBA_0100	WALKING THE TALK: UDUPI'S ECO-FRIENDLY FOOTWEAR FROM OCEAN AND MUNICIPAL PLASTIC WASTE	M.B.A	M.B.A	Dr. JAGADESWARI K Dr. BASAVARAJU P S	Ms. ANJALI R Mr. SHREYAS N D Mr. MANOJ MENASINAKAI Mr. SHREENIDHI M

57. G.M. UNIVERSITY, DAVANGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
558.	48S_MBA_0039	WATER QUALITY AND BIOMASS SOURCING FOR SUSTAINABLE WATER FILTRATION IN RURAL REGIONS OF DAVANGERE DISTRICT	M.B.A	M.B.A	Dr. KEERTI S, Dr. SHIVAKUMAR S	Ms. CHAITRA MANOHAR VADDINAKATTI Mr. DARSHAN C R Mr. MANJU K MUDAGOLA Ms. NOOTHAN D R

58. G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
559.	48S_BE_1054	QUICKTUBE: INSTANT SUMMARIES FOR YOUTUBE VIDEOS USING AI	B.E.	COMPUTER ENGINEERING	Dr. ARPITHA SHANKAR S I Dr. MANJUPRASAD B	Ms. HARSHITHA B G Ms. POORVIKA M Ms. IMPANA KOUSHIK B Ms. GUNASHREE P
560.	48S_BE_1295	ADAPTIVE AI FRAMEWORK FOR STREAMLINE PLACEMENT PREPARATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ASHWINI M S	Ms. SINCHANA S Ms. PRERANA A N Ms. SINDHU B B Ms. SUNAINA G UMESH
561.	48S_BE_1320	EARLY DETECTION OF AGORAPHOBIA USING ML ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. LAVANYA S	Ms. SANJANA S Ms. NEHA PREMNATH D Ms. SADHANA M S Ms. ANAGHA H R
562.	48S_BE_1398	SPEECH CONTROLLED WHEELCHAIR FOR PHYSICALLY DISABLE PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. G MANJULA	Ms. ANUSHA M Ms. SHAMITHA A K Ms. THRUPTHI M
563.	48S_BE_1414	SURVIVAL AND RESCUE BASED WATER VEHICLE WITH IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. THILAGAVATHY R	Ms. BINDHUSHREE M J Ms. APOORVA NARAYAN LOKARE Ms. BHOOMIKA K N
564.	48S_BE_1173	TRAFFIC PREDICTION AND CONTROLLING SYSTEM USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. GURURAJ KS	Ms. SANDHYA H SALUNKE Ms. ANUSHA HK Ms. DEVIKA L Ms. PRIYADARSHINI B
565.	48S_BE_1298	REVOLUTIONIZING MEDICAL REPOSITORY SECURITY THROUGH CUSTOM BLOCKCHAIN SOLUTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. ANAND M	Ms. ANVITHA M Ms. ANAGHA M PUROHIT Ms. SRINIDHI K M Ms. BANUSHREE H S
566.	48S_MBA_0053	UNDERSTANDING E-WASTE RECYCLING BEHAVIOR THE INTERPLAY OF INFRASTRUCTURE, PERSONALIZATION, AND BEHAVIORAL INTENTION	M.B.A	M.B.A	Dr. SHASHIDHAR S MAHANTSHETTI Ms. PRIYA K	Ms. G RUCHITHA Ms. PRIYANKA C Ms. ACCAMMA M U Ms. MEGHANA S

59. GARDEN CITY UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
567.	48S_MSC_0093	SUSTAINABLE SOLUTIONS FOR CHLORPYRIFOS CONTAMINATION: BIOREMEDIATION STRATEGIES AND BIOWASH DEVELOPMENT	M.Sc	BIOCHEMISTRY	Dr. PREETHI RAJESH	Ms. R. EVANGELINE RESHMA Ms. GOPI REDDY MANISHA

568.	48S_MSC_0114	DISCOVERY POD - A SENSORY AND INTELLECTUAL EXPLORATION SPACE FOR AUTISM	M.Sc	BIOINFORMATICS	Dr. PINKY DUTTA	Ms. NISARGA J Ms. SWAGATA DEURI BHARALI Ms. SAYALI VILAS DESHMUKH
569.	48S_MSC_0092	TRANSFORMING AQUARIUM WASTE WATER INTO NOVEL COMPOSITE NUTRIENT TABLETS FOR AGRICULTURAL USE	M.Sc	BIOTECHNOLOGY	Dr. VANITHA KRISHNA SUBBAIAH Dr. RAMA CHANDRA PRASAD L.A	Ms. AMBIKA K Ms. MUSKAN IQBAL KAZI Mr. SHIVA SHARMA HM Ms. RAJALAKSHMI R
570.	48S_MSC_0106	APP DEVELOPMENT FOR WASTE MATERIAL COLLECTION FROM MUNICIPALITY	M.Sc	BIOTECHNOLOGY	Dr. V. G.SHANMUGA PRIYA Prof. ELIZABETH.M	Mr. SAKET KUMAR JHA Ms. ARCHANA NS Ms. KRISHNA NANDANA Mr. GUPTA VINAY CHHOTELAL
571.	48S_MSC_0298	DEVELOPMENT OF PORTABLE STEM LABS TO SPARK INTEREST IN SCIENCE AMONG RURAL KANNADA MEDIUM STUDENTS	M.Sc	BIOTECHNOLOGY	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T P	Mr. MONISH N K Ms. AKASHAYA G M
572.	48S_MSC_0305	INTEGRATING KITCHEN WASTE FROM MIDDAY MEAL SCHOOLS TO SUSTAINABLE BIOENERGY GENERATION AND COMMUNITY WELL-BEING IN RURAL KARNATAKA FOR LONG-TERM SUSTAINABILITY	M.Sc	BIOTECHNOLOGY	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T P	Ms. KOLA JOHN NEHA Ms. NAGA NAVYA NALAMALA
573.	48S_MCA_0099	IOT AND DEEP LEARNING FOR SMART WASTE SORTING AND RECYCLING AUTOMATION	M.C.A.	COMPUTER APPLICATIONS	Mrs. SAHANA EDWIN Ms. SANDHYA N M	Mr. SHIVANANDA UPPASHAPPA GIDDAPPAGOLA Mr. SUMAN KAMAN Mr. KUNDA HEMANTH MOURYA Mr. TSERING TASHI
574.	48S_MCA_0102	DISTRIBUTED PII AUTHENTICATION ON BLOCKCHAIN NETWORKS	M.C.A.	COMPUTER APPLICATIONS	Prof. TRIVENI N	Mr. AMITH KUMAR GUPTA Mr. PRAJWAL K R Ms. THANUJA M Mr. ANUP RAJ P
575.	48S_MCA_0103	REINFORCEMENT LEARNING FOR IOT ENABLED AIR QUALITY MONITORING AND ALERT SYSTEMS	M.C.A.	COMPUTER APPLICATIONS	Mrs. K. VIDHYA Dr. SURENDAR.M	Mr. VISHWANATH BHARAMAPPA HIREKOPPA Mr. RANVIJAY SINGH Mr. PATEL SAHIL JAYESHBHAI Mr. VISHAL R
576.	48S_MCA_0105	IMMORTAL PRESENCE: BRINGING LOVED ONES BACK WITH AR INTEGRATION	M.C.A.	COMPUTER APPLICATIONS	Ms. KUSUMALATHA	Mr. PATEL BHAVIN RAMESH BHAI
577.	48S_MCA_0106	ARDUINO IDE PHONE UNLOCKING, WIFI HACKING AND ANDRIOD HACKING	M.C.A.	COMPUTER APPLICATIONS	Dr. SIBI SHAJI	Mr. MUHAMMED ARAFATH A
578.	48S_MSC_0122	APPLICATION OF MACHINE LEARNING ALGORITHMS IN PREDICTING PATELLAR MALALIGNMENT THROUGH Q ANGLE ANALYSIS	M.Sc	COMPUTER APPLICATIONS	Ms. N SANDHYA Dr. D. ARNOLD NIKHILESH	Ms. ANJU Ms. MOUNICA Ms. C. GAYATHRI Ms. PUTTHA SAROJA
579.	48S_MCA_0109	SMART CYBER-THREAT DETECTION SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Prof. B. KAMALADHARAN Prof. TRIVENI N.	Ms. KHUSHI SHARMA Mr. SUMIT KUMAR SHARMA Mr. GAURAV SHARMA Mr. VIVEK KUMAR
580.	48S_MCA_0133	DESIGN AND FABRICATION OF SMART SENSORS USING EMBEDDED TECHNOLOGY FOR THE STUDY OF TEA PROCESS PARAMETERS	M.C.A.	COMPUTER APPLICATIONS	Dr. NITHYA A Mrs. SARANYA K	Ms. MOUNASHREE M Ms. REHANA M Ms. BINDUSHREE N Mr. MANU C P
581.	48S_MSC_0205	AYUR VASTRA: DEVELOPMENT USING INDIGENOUS PLANT-BASED INGREDIENTS HAVING MEDICAL PROPERTIES TO TREAT SKIN DISEASES	M.Sc	FASHION DESIGNING	Prof. GUDDI DEB SEN	Ms. KARANI BHATTACHARYYA Mr. AADITHYA NATARAJAN Ms. SUSHMA PUSAPATI
582.	48S_BE_4060	PIEZOELECTRIC POWER GENERATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. YESHODAMMA S	Ms. MANIKYA PB Mr. VINAYAK Mr. NIHAL Mr. SONU KUMAR
583.	48S_MSC_0178	BIOLEACHING OF HEAVY METALS FROM MUNICIPAL SEWAGE USING METAL TOLERANT MICROBIAL STRAINS	M.Sc	LIFE SCIENCE	Prof. MANJUNATH Dr. KIRAN KUMAR	Ms. BHAGYASHREE Ms. AKSHAYA GM Ms. RANJANAA S Ms. LEKHANA M S
584.	48S_MSC_0101	INVESTIGATING HEAVY METAL INDUCED STRESS ON MICROBIAL POPULATIONS AND THEIR RESPONSE TO ADAPTIONS, AND GROWTH	M.Sc	MICROBIOLOGY	Mr. ASHRITH KUMAR A	Mr. P MOHANA KRISHNAN Ms. SHAMBHAVI C BALAGALI Ms. PENDYALA SAI SRINIDHI Ms. JANAVI SUNIL PATEL

585.	48S_MSC_0109	STUDY OF ANTIMICROBIAL ACTIVITY OF SOLANUM NIGRUM AGAINST SALMONELLA TYPHI	M.Sc	MICROBIOLOGY	Prof. SANGEETHA.D	Ms. SHEFALI SAKHARAM TEMKAR Ms. HAOBAM MULAN DEVI.H Ms. RAJALAKSHMI.R Ms. PRIYANKA
586.	48S_MBA_0124	USING TECHNOLOGY FOR GREEN BRICK INITIATIVE FOR SUSTAINABLE DEVELOPMENT: A DISTRICT LEVEL APPROACH IN KARNATAKA	M.B.A	SUPPLY CHAIN MANAGEMENT, FINANCE, MARKETING	Dr. NAGARAJA B Mrs. KANNIKA N R	Mr. PRABHAKAR BAHUGUNA Mr. MUHAMMAD FARHAN ZAIN Mr. WAJAHAT HABEEB Mr. S. PARTHA SARADHI REDDY

60. GITAM SCHOOL OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
587.	48S_BE_3681	SMART ROBOT SYSTEM: FOR DETECTION AND LOCATING DRAINAGE PIPE BLOCKAGES IN URBAN AREAS OF KARNATAKA.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAMESHA M	Mr. NITHISH KUMAR M P Mr. B SUBASH Ms. G POORNIMA Ms. SNEHA SALIMATH
588.	48S_BE_0171	DESIGN AND DEVELOPMENT OF A SUSTAINABLE, LOW-COST, LITHIUM-ION BATTERY-POWERED SOLAR ELECTRIC VENDOR CART FOR UNDERSERVED COMMUNITIES	B.E.	MECHANICAL ENGINEERING	Dr. PRAVEEN KUMAR M V Mr. RAJESH M N	Mr. ARUN SAGAR S Mr. A HEAMKUMAR

61. GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
589.	48S_BE_4130	AI-DRIVEN TOBACCO PLANT DISEASE DETECTION AND MANAGEMENT SYSTEM USING DRONES AND DEEP LEARNING	B.E.	AERONAUTICAL ENGINEERING	Dr. BINO PRINCE RAJA D	Mr. SUDEEP N R Ms. RUCHITHA K M Mr. SYED MEZAN NAIMUDDIN
590.	48S_BE_4578	PERFORMANCE EVALUATION OF THE WATER TANK AS A TUNED MASS DAMPER-INERTER MULTI-STORIED STRUCTURE TO GROUND MOTION	B.E.	CIVIL ENGINEERING	Prof. PALLAVI H J Prof. SHIVAKUMAR K S	Ms. PREETHI D Mr. NITHIN B K Mr. HEMANTH KUMAR N
591.	48S_BE_4834	SMART GRAVITY -DRIVEN DRIP IRRIGATION SYSTEM WITH IOT FOR EFFICIENT WATER MANAGEMENT.	B.E.	CIVIL ENGINEERING	Mrs. PALLAVI. H J	Ms. SHREE LIKITHA R Mr. KRUTHIN RAJ N Ms. BINDU PRIYA DC
592.	48S_BE_5218	GEOLOGICAL AND ANTHROPOGENIC TRIGGERS OF THE SHIRUR LANDSLIDE - A CASE STUDY FROM THE WESTERN GHATS	B.E.	CIVIL ENGINEERING	Mrs. LIKHITHA H	Ms. JNANASHREE C Mr. RAGHUNANDAN P Mr. MADHU KUMAR B
593.	48S_BE_5237	PRIORITIZATION OF ROAD SAFETY MEASURES USING IRAP ANALYSIS TOOL AT CRITICAL BLACK SPOT LOCATIONS IN BANGLORE	B.E.	CIVIL ENGINEERING	Prof. RAKSHITHA S	Mr. CHARAN RAJ R S Mr. THEJAS GOWDA K M Mr. VISHAL K
594.	48S_BE_3700	KRUTHAK SAMVAHAN: AN INTERACTIVE AI MODEL FOR RESPONSIVE AND EMPATHETIC COMMUNICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI S	Mr. NAGARJUN S Mr. SHASHANK H J Mr. SUDHARSHANA M A
595.	48S_BE_3797	AI-POWERED WEB APPLICATION FOR CYBERSECURITY AND THREAT MANAGEMENT TRAINING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI R	Mr. ABHAY SURYA L R Mr. LIKHITH RAJ V
596.	48S_BE_4194	REWASTE REVOLUTION: TRANSFORMING WASTE MANAGEMENT THROUGH 5 R'S	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEENA V PATTANKAR	Mr. KRISHNA P N Mr. CHANDRASHEKAR K R Mr. A N SHREE RAM
597.	48S_BE_4656	REAL TIME TRACKING AND HEALTH INSIGHTS FOR PETS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI R	Ms. SINCHANA V Ms. PUNYA S
598.	48S_BE_4820	A GENERIC FRAMEWORK ON ENCYCLOPEDIA USING AUGMENTED REALITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHAITRA B	Ms. ARBEENA HASSAN Ms. B M SHRINIJA Ms. MEENA S
599.	48S_BE_4598	WATER QUALITY MONITORING SYSTEM FOR LAKES AND RIVERS USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. NAGARATHNA K	Mr. DHANUSH M Mr. CHANDAN GOWDA N Mr. KARTHIK L A Mr. BHARATH KUMAR N
600.	48S_BE_5369	ECO RIDE: ELECTRIC TRICYCLE SKATEBOARD FOR CAMPUS MOBILITY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. PUSHPARAJ. H.	Mr. K R SHIVASHANKAR Ms. MANDIRA SHETTY Mr. PRATHAM SHEKAR S
601.	48S_BE_5551	AEGIS ROVER: A MULTIFUNCTIONAL MILITARY ROBOT FOR DETECTION AND DEFENSE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. HEMACHANDRA REDDY K	Ms. SHRUSTI P RAJU Ms. BHUMIKA A Ms. SHREYASHREE P M
602.	48S_BE_4619	PREPAID ENERGY SYSTEM: A SUSTAINABLE SOLUTION FOR AUTOMATIC ELECTRICITY BILL GENERATION USING GSM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SEEMA SRINIVAS Dr. PREETHI SHARMA K	Mr. PRAVEENKUMAR ANVERI Mr. SHASHANK N D Ms. PREKSHA H

603.	48S_BE_4076	IOT-ENABLED INTRAVENOUS THERAPY SYSTEM: FLOW CONTROL, BACKFLOW PREVENTION, AND AUTOMATED ALERTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHARMILA CHIDARAVALLI Dr. VIMUKTHA E SALIS	Mr. A G ADITYA SINGH Ms. PRATHIJNA U Ms. SANJANA B H Ms. NAMRATHA R
604.	48S_BE_4298	AR INDOOR NAVIGATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PATHANJALI C Dr. VIMUKTHA ES	Mr. RITHESH GOWDA C Mr. YOGISHWAR N S Ms. RAKSHITHA C Ms. ROHINI P S
605.	48S_BE_4611	DESIGN AND IMPLEMENTATION OF IOT-BASED CONTACTLESS METRO ACCESS SYSTEM WITH FACE RECOGNITION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHIVASHANKAR Prof. SHARMILA C	Mr. AJAY BIRADAR Ms. CHAITHRASHREE H J Mr. HARSHITH P U Mr. NIRANJAN S R
606.	48S_BE_5108	RAILSHIELD: AN IOT SYSTEM FOR RAILWAY SAFETY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PRIYANKA H V	Ms. ANANYA HEGDE Ms. ANKITA S KASHYAP Ms. CHAITRA M BHAT Ms. CHANDANA N
607.	48S_BE_5461	SAFESTREETS: INTELLIGENT SYSTEM FOR TRAFFIC RULES AND PUBLIC SAFETY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. BHAGYASHRI R HANJI Dr. NIRMALA H	Ms. MONISHA M V Ms. BHOOMIKA K R Mr. CHIRAG K Mr. DEEPAK S CHARANTIMATH
608.	48S_BE_5577	SOLAR POWERED TRASH COMPACTORS FOR PUBLIC SPACES	B.E.	MECHANICAL ENGINEERING	Dr. BHARAT VINJAMURI	Mr. SHASHI PREETHAM S Mr. H AJAY Mr. I VAMSI SRINIVASULA REDDY
609.	48S_BE_5643	PURERESP - PROTECTIVE HEADGEAR INTEGRATED WITH EASY BREATH PM FILTRATION MODULE	B.E.	MECHANICAL ENGINEERING	Dr. SHREEKALA N	Mr. SHREEVATSA H Mr. VARUN KUMAR M Mr. RENUKA PRASAD K R
610.	48S_BE_6316	DEVELOPMENT OF THREE-LAYERE SOLAR AIR PURIFIER	B.E.	MECHANICAL ENGINEERING	Mr. KIRAN R Dr. G.R.GURUNAGENDRA	Mr. KRUPANANDA.I.K Mr. HARSHITH GOWDA J Mr. YASHAS K

62. GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
611.	48S_BE_5594	LEVERAGING INTERACTION METRICS FOR ANOMALY DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANOJ CHALLA	Mr. MOHAMMAD AFZAL F Mr. YASH VARDHAN RAI Mr. SURAJ Mr. REVANTH REDDY
612.	48S_BE_5600	LOCOEYE - DETECTION OF LOCOMOTIVE SIGNAL LIGHTS AND PEDESTRIANS ON RAILWAY TRACKS USING YOLO V8	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SWATHI Y	Mr. POOJITH L Mr. NISHANTH J N Mr. PRASANNA KUMAR NAYAK Mr. R ROSHAN
613.	48S_BE_5622	HELMNET- A SWIN TRANSFORMER BASED APPROACH FOR MOTORCYCLE HELMET DETECTION USING YOLO V8	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUBRAHMANYA H M	Mr. TARUN D S Mr. K VISHNU TEJA Mr. N LIKITH PATEL Mr. RAGHOOTTAM K

63. GOVERNMENT ENGINEERING COLLEGE, DODDAMANNUGUDDE, RAMANAGARA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
614.	48S_BE_6236	STREAMLIT BASED AI-ASSISTANT FOR DATASCIENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. KOMALA K V	Mr. UDAYSHANKAR K Ms. SHAMBHAVI Ms. TEJASWINI G Ms. SINCHANA K R

64. GOVERNMENT ENGINEERING COLLEGE, KARWAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
615.	48S_BE_4920	KRISHISETU - CONNECTING FARMERS TO CONSUMERS FOR SUSTAINABLE FOOD SYSTEMS (SIMILAR TO XVII. THIRUMATHIKART: E-COMMERCE PLATFORM FOR SHGSS FOR ENHANCING THEIR LIVELIHOODS AND GENERATING NEW EMPLOYMENT OPPORTUNITIES.)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NAVARATNA D KURDEKAR	Mr. ROOPESH KUMAR K R Ms. DEEPIKA Ms. NIKHITA VISHNU NAIK Ms. SHREERAKSHA B BADEGERA
616.	48S_BE_5013	ARTIFICIAL INTELLIGENCE JUDGE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. BHAVANA D Prof. NAVARATNA D KURDEKAR	Mr. ASTHIK Mr. C SIDDALINGASWAMY Ms. DEEPA S KALLAPUR Mr. BASAVARAJ M BENNI
617.	48S_BE_5962	TRUSTCHAIN GOVERNENCE: REVOLUTIONIZING PUBLIC SECTOR PROJECTS THROUGH BLOCKCHAIN BASED SYSTEM FOR TRANSPARENCY AND ACCOUNTABILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAJAT H NAYAK	Mr. SHAUN FREDY FURTADO Mr. SWASTI SANTOSH NAIK Mr. SAHIL ANIL VERNEKAR

65. GOVERNMENT ENGINEERING COLLEGE, TALAKAL, KOPPALA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
618.	48S_BE_2879	ANDROID CONTROLLED AUTONOMOUS ROVER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEERESH Mrs. RAJESHWARI GUDLANUR	Mr. B KIRAN Mr. PRAJWAL BABALESHWAR Ms. SOUJANYA Ms. SPOORTI

66. GURU NANAK DEV ENGINEERING COLLEGE, BIDAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
619.	48S_BE_6462	AI-DRIVEN TALENT ACQUISITION ENGINE AND CAREER FIT ASSESSMENT PLATFORM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DAYANAND JAMKHANDIKAR	Ms.MAHATI SHITOLE Mr.UDAYKIRAN BAWAGE Ms.SHAHEEMA MALIHA FEROZ Mr.GUFRAN AHMED KHAN
620.	48S_BE_5937	IOT-BASED WASTEWATER QUALITY MONITORING: A COMPARATIVE STUDY WITH LABORATORY TESTING	B.E.	CIVIL ENGINEERING	Dr. BASAPPA B. KORI	Mr. MD SABEEL RAZA Mr. AKASH Mr. MOHD SOHAIL Mr. SHAIK MOHAMMED OSSAMA
621.	48S_BE_4277	EXPERIMENTAL STUDY ON THE PHYSICO-CHEMICAL ANALYSIS OF BIDAR MUNICIPAL LANDFILL LEACHATE	B.E.	CIVIL ENGINEERING	Prof. PUNEETH KUMAR	Mr. YASER ADEEL Mr. MUSTAFA MUNEEB RASIQ Mr. SHAIK ARFAT Mr. SABEEL UR RAHMAN
622.	48S_BE_0332	SECURE VISION: INTEGRATED ANTI-SPOOFING AND DEEPFAKE DETECTION SYSTEM USING MOBILENET AND RESNEXT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. REEBA RANI	Mr. FARHAN Mr. ADITYA S Ms. ARCHANA S Mr. MD HUZAIF SHAH
623.	48S_BE_0908	JARVIS GENESIS: VOICE ACTIVATED VIRTUAL ASSISTANT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI M	Mr. VISHAL KARBHARI Mr. VINAYAK Ms. VAISHNAVI S Ms. VAISHNAVI A
624.	48S_BE_2598	WASTEWATCH - CLEAN CITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GURURAJ S	Mr. MD ZEESHAN HUSSAIN Mr. ABHISHEK S Mr. MOHD ZUBAIR AHMED Mr. ADEEB SHAIKH
625.	48S_BE_6186	DETECTING DIGITAL FORGERY IMAGES USING TRANSFER LEARNING TECHNIQUE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RANGANATH K	Ms. ARPITA RAVINDRA Ms. ANISHA ELMALKAR Ms. AKSHITHA
626.	48S_BE_2210	MICROGRID MANAGEMENT OF SOLAR (PV) AND BATTERY MANAGEMENT SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. DURGA PRASAD	Ms. ANUPAMA Ms. NIKITA Ms. SHILPA
627.	48S_BE_4380	HAND OPERATED SEWING MACHINE FOR HANDICAP PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. ASHISH BIRADAR	Ms. PRIYA BHANGURE Ms. GAYATRI Mr. MD SOHAIBUDDIN FARAZ Mr. MUZAMMIL AHMED
628.	48S_BE_2744	WATER POLLUTION MONITORING RC BOAT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SAVITA SOMA	Ms. SHWETA Ms. SAHITYA Ms. SNEHA Ms. SWAROOPRANI
629.	48S_BE_3570	SMART MEDICAL RESPONSE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHILPA B	Ms. BHAGYASHREE UDGIRE Ms. GANGA PATIL Ms. G.DEEKSHA Ms. VAISHNAVI
630.	48S_BE_3994	DETECTION OF ROAD CONDITION DEFECTS USING MULTIPLE SENSORS AND IOT TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAMRATHA S	Ms. SYEDA HUMERA FATIMA Ms. SOUMYA ARTHAM Ms. TRUPTI KULKARNI Ms. VAISHNAVI KOTE
631.	48S_BE_4670	HARMFUL ANIMAL IDENTIFICATION AND DETECTION IN FORESTS USING AI&ML	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAMESH PATIL	Mr. PITRE MAYUR BASWARAJ Mr. ABHISHEK Mr. JAGADISH Mr. KARAN
632.	48S_BE_3305	IOT BASED WOMEN'S SAFETY DEVICE WITH SCREAMING DETECTION AND VIDEO CAPTURING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MASARATH BEGUM	Ms. JAGJEETH KAUR Mr. MD ISMAIL Mr. MOHD SOHAIL AKHTAR Mr. MD ASFAHAN PASHA
633.	48S_BE_4877	AI DRIVEN APPLICATION FOR ARTICLE WRITING AND IMAGE GENERATION USING LLM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MASARATH BEGUM Dr. MASARATH	Ms. AQSA FATIMA Ms. AYESHA LUBNA Ms. SUMMAIYYA FATIMA Ms. ZAHEEN FATIMA
634.	48S_MBA_0069	TO EVALUATE THE CURRENT AWARENESS LEVEL AND ADOPTION PATTERNS OF JAN AUSHADHI MEDICINES IN RURAL AREAS OF BIDAR DISTRICT AND IDENTIFY SOLUTIONS FOR IMPROVING THEIR UTILIZATION.	M.B.A	M.B.A	Dr. JYOTI AINAPUR	Ms. USHARANI NELWADE Ms. DRISHTI ARALI Mr. SERIKAR KARTHIK Ms. SUSHMA

67. H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
635.	48S_BE_1213	REVOLUTIONIZING THE LOCAL LABOR MARKET WITH AI BASED MOBILE APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PUSHPA MOHAN Dr. SMITHA KURIAN	Mr. MOHAMMED SHADAAB Mr. MOHAMMED MASIHUDDIN Mr. MOHAMMED SHOAIB Z Ms. PAVITHRA N
636.	48S_BE_3660	A NOVEL APPROACH TO VISUALIZE AIR POLLUTION USING AUGMENTED REALITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHARADA K A	Mr. UTSAV KUMAR Mr. SUMAN KUMAR NAYAK Ms. VARSHA B SAMUEL Ms. WARDHA ZAINAB
637.	48S_BE_5558	ENHANCING SMART SUMMARIZATION SYSTEMS THROUGH REINFORCEMENT LEARNING AND EXPLAINABLE AI FOR BETTER RECOMMENDATION PRECISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SIMRAN PAL R	Ms. HARSHITHA P S Ms. ANJELINA TOMY Ms. DAMINI S Ms. JYOTHI H
638.	48S_BE_2469	EARLY-STAGE IDENTIFICATION OF NEUROLOGICAL DISORDERS LIKE EPILEPSY USING BRAIN COMPUTER INTERFACE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUFIA.BANU Dr. ZAHIRA TABASSUM	Ms. SABA ERUM S DHARWAR Mr. SHAIK FAISEL AHMED Mr. ZAIN UL ABIDIN Mr. ZAINULLA SHARIEF
639.	48S_BE_4979	IOT-ENABLED SMART HELMET FOR MINER SAFETY: REAL-TIME MONITORING AND EMERGENCY DETECTION WITH LORA COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VENKATESAN C	Mr. N V S ABIRAMA ARJUN Mr. NELSON EUGENE D Mr. POORNESH E M Mr. R VISHAL
640.	48S_BE_5919	INTELLIGENT IOT-BASED PATIENT HEALTH MONITORING AND AMBULANCE DISPATCH SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MAAZ AHMED	Mr. MOHAMMED ARSALAAN Mr. MOHAMMED SULAIMAN Mr. MOHAMMED IBRAHIM Mr. MOHAMMED ANEES
641.	48S_BE_5021	AI-POWERED DETECTION OF FACE-SWAP DEEPFAKES AND SYNTHETIC VIDEOS: SAFE GUARDING DIGITAL AUTHENTICITY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PIRUTHIVIRAJ P Dr. V BALAJI VIJAYAN	Mr. KEDARNATH BHAKTA Mr. JAYANT CHAND Mr. JAYANTH SAI CHETHAN S Mr. MEET KAMLESH BHAI JOSHI
642.	48S_BE_5035	AIR QUALITY MONITORING SYSTEM IN SMART CITIES INFRASTRUCTURES USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PIRUTHIVIRAJ P Dr. A SYED MUSTAFA	Ms. SHWETHA P Ms. PUROHIT MANSI RAJENDRAKUMAR Mr. PRABHAS Ms. T TEJASRI
643.	48S_BE_5456	VIRTUAL HERBAL GARDEN FOR AYUSH: ENHANCING EDUCATION AND ENGAGEMENT THROUGH IMMERSIVE DIGITAL TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. V BALAJI VIJAYAN Dr. A SYED MUSTAFA	Ms. RAKHI UMESH CHAVAN Ms. SHILPA S Mr. NITISH S LAKKANNAVAR Mr. YASHAWANTH K C
644.	48S_BE_5464	AIVA: AI-DRIVEN VIRTUAL ASSISTANT FOR DESKTOP	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHANTHARANI S BIRAJDAR Dr. V. BALAJI VIJAYAN	Mr. NITHIN S R Mr. UDAY KUMAR V Mr. ROHITH R

68. H.K.E'S S.L.N. COLLEGE OF ENGINEERING, RAICHUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
645.	48S_BE_4691	SMART SHOES FOR VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUMANGALA ITAGI	Ms. M.C.SINDHUJA Ms. GOUTHAMI Ms. ARCHANA Ms. C.MAHITHA SREE
646.	48S_BE_6082	CROP CALENDAR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SURESH PATEL	Mr. M V VASUDEV Mr. SHIVANAND Mr. K NITHIN Mr. SANKETH PATIL

69. HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
647.	48S_BE_0667	THEFT ALERT DETECTOR - GUARDIANEYE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. K.B.MANWADE	Ms. POONAM.B.MANE Mr. PARSHWA.V.PATIL Mr. SATYAJIT.SWAMI Ms. VAISHNAVI.MUSTARGI
648.	48S_BE_1166	CODESPARK - GEN-AI BASED CODING ASSISTANT USING SOCRATIC METHOD	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHRUTI KUMBAR	Ms. VAISHNAVI DADASAB GHATAGE Ms. GOUTAMI K. S Ms. RUTUJA ABHAY KINANGE Ms. SANIKA YATIN KULKARNI
649.	48S_BE_1371	SMART FEEDBACK SYSTEM FOR REAL-TIME PRESENTATION ASSESSMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRAJWALA R. PATIL	Ms. SANIKA RAJU PARIT Ms. SRUSHTHI SHEKAPPA BETAGERI Ms. HAVIYA MASHAKSAB DHANNUR Ms. PRATIKSHA I MALI

650.	48S_BE_1457	AI FIREWALL:AI POWERED CYBER THREAT INTELLIGENCE AND PREVENTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. S .V. MANJARAGI	Mr. SACHIN HUCHHANNAVAR Mr. SUMIT HIREMATH Mr. UMAKANT KARADI Mr. OMKAR PATIL
651.	48S_BE_3139	FACE -TICKET: A FACIAL RECOGNITION APPROACH FOR EXAM HALL TICKET MANAGEMENT SYSTEM TO AVOID CHEATING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. A.A.DAPTARDAR	Mr. SOHAIL ARLIKATTI Mr. PRUTHVIRAJ PANDAV Mr. ASHOK PATIL Mr. SUMIT MARADI
652.	48S_BE_0748	DESIGN AND IMPLEMENTATION OF SOLAR POWERED ANTI-SMUGGLING SYSTEM FOR TREES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. O. B. HEDDURSHETTI	Mr. RAHUL A BAMANE Mr. VRUSHABH R PATIL Ms. AISHWARYA M KAMBLE Mr. PRATIK S BHIKANAVAR
653.	48S_BE_0911	DESIGN AND IMPLEMENTATION OF SMART TROLLEY SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. H. R ZINAGE Prof. H. R. ZINAGE	Mr. RITIK RAIKAR Ms. AFIYA MULLA Mr. CHETAN MULIMANI Ms. SHITAL KHADE
654.	48S_BE_4519	MRI BRAIN TUMOR DETECTION USING PYTHON: DEEP LEARNING AND MACHINE LEARNING APPROACHES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. D. B. MADIHALLI Dr. S. S. ITANNAVAR	Ms. GAYATRI SALI Ms. LAKSHMI ANAND HUNACHYALI Ms. SHRINIDHI R HEDDURSHETTI Ms. SNEHA M HATROTI
655.	48S_BE_4713	IOT BASED DRIVING LICENSE AUTHENTICATION SYSTEM USING FACE AND FINGERPRINT OF DRIVER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. S. J. PATIL	Ms. ARATI SANJAY PHATINGE Ms. JYOTI KEMPANNA CHYATI Ms. SAMPATTA CHANDRAKANT HEBBALE Ms. VEENA ARUNSING RAJPUT
656.	48S_BE_5082	AUTOMATED KIDNEY STONE DETECTION USING DEEP LEARNING MODEL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S S ITTANNAVAR Prof. B P KHOT	Mr. VIKAS DHAVANE Mr. VINOD ADAVI Mr. CHETAN YARABANDI Mr. SHUBHAM GHATAWADE
657.	48S_BE_5239	AI-POWERED CHATGPT ROBOT: REDEFINING EDUCATION, RETAIL, HEALTHCARE, AGRICULTURE, AND BEYOND WITH VISION AND VOICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SACHIN. S. PATIL	Mr. ADITYA APPASAB SAJANE Mr. BALU APPASAB CHOUGALE Ms. CHAITRASHRI MALIKARJUN BADIGER Ms. SANJANA BASAGOUDA PATIL
658.	48S_BE_0209	AUTOMATIC RAIN SENSING AND PROTECTION COVER FOR CROP GRAINS AND SEEDS	B.E.	MECHANICAL ENGINEERING	Dr. K M AKKOLI	Mr. MALLIKARJUN SHETTENNAVAR Mr. ABHISHEK BEVINAKOPPAMATH Mr. AKASH ANAJE PATIL Mr. VIVEK NANDAGAVI
659.	48S_BE_4243	BLACK-BOX - AN ACCIDENT DETECTION, TRACKING AND TRAFFIC RULE ENFORCEMENT SYSTEM FOR VEHICLE	B.E.	MECHANICAL ENGINEERING	Prof. P. M. KOKITAKAR	Mr. VINAY S. HIREMATH Mr. SAMEER M. MAKANDAR Mr. GOUTAM N. BONGALE Mr. SUPREET G. HEDDURSHETTI

70. INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
660.	48S_MSC_0176	ADVANCEMENTS IN THE REMOVAL OF BACTERIAL BIOFILMS: APPLICATION OF CELLULASES	M.Sc	BIOCHEMISTRY	Dr. SUMA T. K	Ms. DEVIKA .N Ms. VINUTHA
661.	48S_MSC_0097	INTEGRATED APPROACH TO COMBAT SILKWORM PATHOGENS: ISOLATION, MOLECULAR CHARACTERIZATION, IN SILICO DOCKING OF INSECTICIDAL PLANT METABOLITES, AND FUNCTIONAL VALIDATION	M.Sc	BIOTECHNOLOGY	Dr. ERUMALLA VENKATA NAGARAJU Dr. RAMACHANDRA MURTHY TTS	Ms. V.H. BHARGAVI Mr. MALLIKARJUN
662.	48S_MSC_0170	EXTRACTION OF PHYTOCHEMICALS, FORMULATION, EVALUATION AND DEVELOPMENT OF HERBAL MOSQUITO INCENSE REPELLENT STICKS	M.Sc	BIOTECHNOLOGY	Dr. RAMACHANDRA MURTHY TTS Dr. ERUMALLA VENKATA NAGARAJU	Ms. VINITHA MURUGAN Ms. RAMYA. K.S
663.	48S_MSC_0174	ANTIDIABETIC EFFECTS OF TINOSPORA CARDIFOLIA: A NATURAL REMEDY FOR GLYCEMIC CONTROL AND NEUROPROTECTIVE ROLES IN T2D INDUCED DROSOPHILA MELANOGASTER	M.Sc	BIOTECHNOLOGY	Dr. VANITHA G RAMESH	Mr. DEEKSHITH B Ms. SHILPA R Ms. SHRAVANTHI M S
664.	48S_MSC_0221	IN SILICO AND IN VITRO ANALYSIS OF ANTIDIABETIC, ANTI INFLAMMATORY, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY FROM PHYTOCHEMICALS OF SOLANUM NIGRUM (KASHI SOPPU)	M.Sc	BIOTECHNOLOGY	Dr. MALAIYARASA PANDIAN P	Mr. ABHISHEK B S Mr. SUMIT SAHOO Ms. AASTHA SINGH

665.	48S_MSC_0177	ISOLATION, SEMI-SYNTHESIS, ANTIOXIDANT ACTIVITY OF EMBELIN AND ITS DERIVATIVES: MOLECULAR DOCKING STUDIES WITH 1HRC (CYTOCHROME C OXIDASE) AND 7T9L (SARS COV-2, OMICRON SPIKE PROTEIN)	M.Sc	CHEMISTRY	Dr. JEELAN BASHA N	Mr. BYRAREDDY B Mr. PRASHANTAGOUDA TEJANAGOUDA PATIL Mr. VINAY AV Mr. NAVEENKUMAR K R

71. J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
666.	48S_MCA_0003	INTERACTIVE HEALTH MONITORING FOR YOUNG WARDS USING GAMIFICATION AND MOBILE APPLICATION TECHNOLOGY	M.C.A.	COMPUTER APPLICATIONS	Dr.ROHITAKSHA K	Mr. ABHISHEK P Ms. MANSI MAHANTHESHA Mr. MAHADEVASWAMY H S
667.	48S_MCA_0031	SANSKRIT SAHAYAK USING RBMT	M.C.A.	COMPUTER APPLICATIONS	Mrs. MEGHA S A	Ms. SHRIRAKSHA Ms. SHREYA B S Mr. SRUJAN K R
668.	48S_MCA_0048	AI BASED SOLUTION FOR TRAFFIC MANAGEMENT SOLUTION	M.C.A.	COMPUTER APPLICATIONS	Dr.ROHITAKSHA K	Ms. ABHILASHA NANDISHWAR HUBBALLI Ms. JAYALAKSHMI R Mr. MANOJ S R
669.	48S_MCA_0096	AI-ENABLED VULNERABILITY DETECTION IN SOFTWARE PRODUCTS DESIGNED FOR IOT APPLICATIONS	M.C.A.	COMPUTER APPLICATIONS	Mrs. MEGHA S A	Ms. SHRAVANA B Ms. SARVAMANGALA K M
670.	48S_MCA_0101	IMAGE TO PLATE AI POWERED RECIPE GENERATOR	M.C.A.	COMPUTER APPLICATIONS	Dr. ABHILASH C B	Ms. HEMASHREE N D Ms. T M GANAVI Mr. ABHISHEK P Mr. UJJWAL KUMAR
671.	48S_BE_6312	TRACKSURE: ADVANCED REAL-TIME GPS AND RFID TRACKING SYSTEM WITH GEOFENCING AND SOS FEATURES	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. SHARADHA S DAMBAL	Ms. ANUSHREE N Ms. RAKSHITHA GURU Ms. C T VALLIAMMAI
672.	48S_BE_4321	DUAL MODE FIRE FIGHTING ROBOT WITH ADAPTIVE CONTROL SYSTEMS	B.E.	ROBOTICS AND AUTOMATION	Mr. K S MAHESH	Mr. BHARATH H G Ms. BHAVYA J Mr. CHIRANTH P S Mr. DEEKSHITH G R
673.	48S_BE_5646	ASSISTIVE ROBOT IN HOSPITALS USING ROS2	B.E.	ROBOTICS AND AUTOMATION	Dr. RAMYA M V	Ms. RIYA ANANT NAIK Mr. P P PAVEL Mr. VAIBHAV M. GOWDA Ms. POOJA SUKESH
674.	48S_BE_6456	SOLAR POWERED AUTOMATIC WEED REMOVAL ROBOT WITH AUTONOMOUS NAVIGATION	B.E.	ROBOTICS AND AUTOMATION	Prof. K S MAHESH Dr. RAMYA M V	Mr. ABHISHEK J Mr. AKASH Mr. K V TAKSHIL Mr. SAGAR S

72. J.S.S. COLLEGE OF ARTS, COMMERCE AND SCIENCE, OOTY ROAD, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
675.	48S_MSC_0088	SYNTHESIS AND CHARACTERIZATION OF SLOW-RELEASE HYDROGEL FERTILIZER ON CMC (CARBOXY METHYL CELLULOSE) USING RICE STRAW AND COCONUT HUSK, A RENEWABLE AGRICULTURAL WASTE AS A SOURCE OF CELLULOSE	M.Sc	BIOCHEMISTRY	Dr. SYEDA HAJIRA BANU Dr. CHETHAN KUMAR M	Ms. SNEHA K Ms. KEERTHANA M D Mr. MANOJ K Mr. SHARAN H G

73. J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
676.	48S_MSC_0258	FABRICATION OF METAL ORGANIC FRAMEWORK-5 BASED ELECTROCHEMICAL SENSOR FOR THE DETECTION AND ANALYSIS OF ANTIBIOTICS IN WATER	M.Sc	CHEMISTRY	Prof. N. KUMARA SWAMY Prof. U. B. MAHADEVASWAMY	Mr. VIJAYAKUMAR K G Ms. INDUSHREE V
677.	48S_MSC_0259	DESIGN OF NOVEL GEL FREE ELECTRODES FOR ECG AND EEG DATA ACQUISITION SYSTEM	M.Sc	CHEMISTRY	Prof. N KUMARASWAMY Prof. U B MAHADEVSWAMY	Ms. RAVEENA H M Ms. USHA H N
678.	48S_MSC_0329	EVALUTION OF OPTO-ELECTRICAL PROPERTIES OF BCN/PVDF NANOCOMPOSITES FOR PHOTODETECTOR AND UV SHEILDING APPLICATIONS	M.Sc	CHEMISTRY	Dr. VEDHAVATHI H.S	Mr. RAJENDRA R Ms. PUNYASHREE K.V
679.	48S_MSC_0164	BRICKS FROM GRANITE SLURRY: TRANSFORMING WASTE INTO VALUE	M.Sc	CHEMISTRY	Dr. J.P. SHUBHA	Mr. SAGAR A.M. Ms. SNEHA K.G. Mr. MANOJ KUMAR G M Ms. DHANUSHREE G.K.

680.	48S_BE_2079	MECHANICAL, DURABILITY AND MICRO STUDIES ON PRACTICAL MORTARS AND CONCRETES USING SUSTAINABLE MATERIALS	B.E.	CIVIL ENGINEERING	Dr. M C NATARAJA	Mr. ASHOK S Mr. PRAJWAL S N Mr. PRAJWAL GOWDA U K Mr. MOHAMMED MUTHAHIR
681.	48S_BE_4241	EXPERIMENTAL STUDY ON ALKALI ACTIVATED GEOPOLYMER STABILIZED RECYCLED AGGREGATE MASONRY BLOCKS	B.E.	CIVIL ENGINEERING	Mr. MONISH KUMAR K Dr. NATARAJA M C	Ms. IMPANA HEGDE N Mr.SACHEEN.SHARANAPPA.JATTI Mr. B. VENKATESH VAIDYA Mr. DHANUSH R
682.	48S_BE_4310	STUDY ON PARTIAL REPLACEMENT OF CEMENT WITH GGBS AT DIFFERENT ELEVATED TEMPERATURES FOR M30 GRADE CONCRETE	B.E.	CIVIL ENGINEERING	Mrs. KAVYA.K.M	Ms. GANASHREE.R Mr. GHANAVANTH.S.D Mr. KUSHAL.C.S Mr. VACHANDEEP.C.D
683.	48S_BE_4442	AI POWERED PERSONALISED TRAVEL ITINERARY GENERATING APPLICATION	B.E.	COMPUTER SCIENCE AND BUSSINESS SYSTEM	Prof. VINUTHA PRAKASH Dr. VANISHRI ARUN	Ms. PRITHVI J P Ms. JAHNAVI M R Ms. PURVIKA S BENNUR Ms. SHREE HARSHINI
684.	48S_BE_4470	INCOGNITO COMPLAINT BOX	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. A M CHANDRASHEKHAR	Mr. SANJAY M Mr. NIROOP AH Mr. RAMANAGOUDA N HOSMANI
685.	48S_BE_4797	MINDMETRICS - A STRESS ANALYSIS APP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SWETHA P.M.	Ms. SRIGOWRI M.A. Ms. SANJANA MAHESH R.M. Ms. SANJANA M PRADEEP Ms. KHUSHI G.N.
686.	48S_BE_0007	RIDER SAFETY JACKET WITH AIRBAG DEPLOYMENT AND TRACKING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. LAKITH G	Mr. YASHWANTH DILLIKAR Mr. PRANAVA BHAT Ms. PRATHIKSHA R Mr. SHARANA BASAVA GV
687.	48S_BE_2137	ECO-FRIENDLY AUTOMATED LEAF AND DUST COLLECTION VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SOWMYASHREE.N	Mr. GAVISIDDAPPA GUDADAPPA MUDLAPUR Mr. LINGARAJ MALAGHAN Mr. VIVEK R Ms. JANYA B M
688.	48S_BE_2238	DESIGN AND DEVELOPMENT OF A PORTABLE ELECTRIC SCOOTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHARMILA N	Mr. LOCHAN KUTTAPPA I A Ms. AISHWARYA GAONKAR Mr. SUSHANTH RASHREE Ms. SNEHA C R
689.	48S_BE_1519	HYDRO HIVE : AI-DRIVEN SOLUTIONS FOR DAM MAINTENANCE AND AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. KAVYASHREE M K	Ms. DAKSHAYINI B Ms. SUNITHA CS
690.	48S_BE_2540	FABRICATION OF ADVANCED EMI SHIELDING MATERIALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUPREETHA M	Mr. AKSHAY K S Mr. NITEESH H D Mr. THEJAS M V Mr. PRAVEEN VANTAGODI
691.	48S_BE_4652	SMART DETECTION OF ELECTRIC THEFT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ESHWARI A MADAPPA	Ms. CHAITHANYA P Mr. THALLAM VENKATA SRIKAR Mr. RISHITH V Mr. SUKRUTH S
692.	48S_BE_5868	PATH PLANNING AUTONOMOUS AGRIBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAKESH M D Dr. RUDRASWAMY S B	Mr. K VINEETH RAO Mr. LIKHITH G Mr. SUCHINDRA Mr. DARSHAN
693.	48S_BE_5309	AUTONOMOUS VEHICLE FOR A SMART AND SAFER MOBILITY	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. UMA RANI K Mrs. ANUSHA M U	Mr. THARUN GOWDA Y P Mr. MANU K G Mr. KUSHAL P
694.	48S_BE_5984	LOW COST SMART VENTILATOR FOR CRITICAL CARE USING IOT TECHNOLOGY	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Prof. RAJESHWARI P Dr. RATHNAKARA S	Mr. SACHIN B Ms. SAGARIKA S RAO Ms. SHIVALI R
695.	48S_BE_5407	EFFICIENT PNEUMATIC RECIPROCATING PUMPS FOR SUSTAINABLE AGRICULTURAL IRRIGATION	B.E.	INDUSTRIAL AND PRODUCTION ENGINEERING	Dr. VANISHREE B Dr. SAVITHA M	Ms. CHAITHRA S V Ms. HARSHITHA B K Ms. RAMYA C R
696.	48S_BE_3808	CLICKCATCHER AI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VYSHALI RAO K P	Mr. HITESH H Mr. PRASHANT K V Mr. SANDEEP C R
697.	48S_BE_1889	AGRIMATE: VERSATILE AGRICULTURE EQUIPMENT FOR DIVERSE FARMING NEEDS	B.E.	MECHANICAL ENGINEERING	Prof. G MALLESH	Mr. ARUN BHAJANTRI Mr. BABUSHA Mr. SANJAYKUMAR M Mr. HARSHA KUMAR N

698.	48S_BE_1157	ENERGY EFFICIENT TOUGHENING OF RECYCLED POLY PROPYLENE FOR HIGH IMPACT LOAD APPLICATIONS	B.E.	POLYMER SCIENCE AND TECHNOLOGY	Dr. CHANDRESH M P Dr. S ROOPA	Mr. ANANTHA KUMAR M Mr. AVINASH T.N Mr. MAHEK KHAN Mr. YOGANANDA K.M

74. JAIN (DEEMED TO BE UNIVERSITY), FACULTY OF ENGINEERING AND TECHNOLOGY, RAMANAGARA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
699.	48S_BE_4334	USING RICE HUSK ASH (RHA) FOR HIGH-PERFORMANCE CONCRETE AND SILICA-BASED PRODUCTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VINAY KUMAR S B Prof. KEERTHANA H MAGADI	Mr. SIDDHARTH S Mr. RAHUL G MOHITE Mr. AKHILESH HEMANNAVAR

75. JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
700.	48S_BE_1874	ATTRIBUTE BASED ENCRYPTION AND DECRYPTION IN GREEN CLOUD COMPUTING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANAND GUDNAVAR	Ms. RAKSHITA SANJAY DHALE Ms. RAJASHREE KULDEEP BHEKANE Ms. SAMARTH AVDHUT KAMAT Ms. SPOORTI BATAKURKI
701.	48S_BE_2487	DETECTION, CLASSIFICATION & CHARACTERSTICS OF SPLIT PIGEON PEAS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARATI PATIL	Mr. SANJAY S PUJERI Mr. SHRIHARI V KATTI Ms. SNEHA SHILLI Ms. RUCHITA KULKARNI
702.	48S_BE_0368	PORTABLE EV CHARGING SYSTEM WITH SHORT CIRCUIT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VIJAYKUMAR PATIL	Ms. SOUMYA GOKAK Mr. KRISHNA GONDKAR Ms. CHAITRA JORAPUR Mr. HARISH MANTUR
703.	48S_BE_0512	INTELLIGENT SURVEILLANCE SYSTEM FOR MILITARY APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAGHAVENDRA R. MAGGAVI	Mr. JYOTIBA MARAGANNAHE Mr. MOHD ARMAAN Ms. VINITA R HARIHAR Ms. ANJALI AMBEWADI
704.	48S_BE_0998	EMERGENCY COMMUNICATION SYSTEM IN DEAD ZONE AREA USING LORA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VEERESH M. HIREMATH	Mr. VINIT JAGWALE Mr. JAISHIVARAI BAGILGEKAR Ms. SAMIKSHA ATIWADKAR Ms. TEJASHREE HIREMATH
705.	48S_BE_1254	NEXT-GEN COOLING SYSTEM FOR ELECTRIC VEHICLES BATTERY BANK: MAXIMIZING SAFETY AND EFFICIENCY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. CHAITANYA K. J.	Mr. SOURABH V. MATHAPATI Mr. ADITYA V. NARSAI Ms. D. VAISHNAVI Ms. LAKSHMI
706.	48S_BE_1506	DESIGN AND IMPLEMENTATION OF A QUADCOPTER FOR INSECTICIDE AND REPELLENT DISPERSION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. CHAITANYA K J	Ms. SAMIKSHA LAXMAN MARVE Ms. SHRADHA H SURYAVANSHI Mr. FARHAN F MULLA Mr. KETAN ARUN GURAV
707.	48S_BE_0811	IMPROVING THE PERFORMANCE OF SOLAR PV USING IOT	B.E.	MECHANICAL ENGINEERING	Prof. PRASNNA MANGAONKAR	Mr. MAHANTESH SAMPAGAON Mr. PRATEEK LOGAVI Mr. SANGAMESH CHIKKON Mr. SANTOSH LOGAVI

76. JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
708.	48S_BE_2444	ASSESSING THE VIABILITY OF PHOTOVOLTAIC SILICON GLASS POWDER (PSGP) AS A SAND REPLACEMENT IN CONCRETE	B.E.	CIVIL ENGINEERING	Prof. G M KOTUR	Ms. NANDITHA S N Mr. JUNAID AHMED Z PALLAN Mr. MD JUNED IMTIYAZ AHMED SHABDI Ms. ANNAPURNA SUBHAS PAWAR
709.	48S_BE_2574	EVALUATION OF HYBRID BIO-ELECTROCOAGULATION PROCESS FOR SUSTAINABLE TREATMENT URBAN WASTEWATER: A CASE STUDY OF HUBBALLI CITY	B.E.	CIVIL ENGINEERING	Prof. TUSHAR PRABHAKAR	Mr. VISHAL R CHALWADI Mr. VISHWAJEETH PATIL Mr. NAVEENRAJ C BELADADI Mr. DARSHAN NARASAGOND
710.	48S_BE_2578	EXPERIMENTAL INVESTIGATION ON RECENT ADVANCES IN MECHANISTIC CHARACTERISTICS OF MICROBIAL FUEL CELLS FOR OPTIMISING BIO ENERGY AND ITS GREEN STRATEGIES	B.E.	CIVIL ENGINEERING	Prof. SUNIL UMACHAGI	Mr. MAHAMMAD AMAN MAGTUMSAB NADAF Mr. ABDUL SATTAR M ADHONI Mr. U H RATVIK
711.	48S_BE_1848	SLEEP MONITORING NECK REST PILLOW WITH MEMORY USE	B.E.	COMPUTER SCIENCE	Prof. SINDHU N P	Mr. SURAJ K MADARIMATH Mr. SACHIN S NEELREDDI Mr. RAHUL SUNKAD Mr. GANESH P HEGDE

712.	48S_BE_1973	BLOOD GROUP DETECTION USING FINGERPRINT WITH IMAGE PROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA HADIMANI	Mr. SOORAJ SHIVAYOGI EMMI Mr. ABHINANDAN SHASHIKANT GAIKWAD Ms. ANJUM DILAWARSAB NADAF Ms. BHRAMARAMBIKA JOSHI
713.	48S_BE_2190	REVOLUTIONIZING CARBON NEUTRALITY AI-ENHANCED SOLUTIONS FOR INDIAN COAL MINES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VINOD ANNIGERI	Mr. MANJUNATH.B.KANTIGAVI Mr. PRAJWAL V WADEKAR Mr. KALMESH C SAUNSHI Mr. NAVEEN RAVINDRA HINDI
714.	48S_BE_2253	REAL-TIME OBJECT DIMENSION MEASUREMENT WITH OPENCV AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PYDIPOGU PREETHI	Mr. AMOGH P LOKHANDE Mr. SHRIVATSA D DESAI Mr. UMESH LAXMAN NAYAK Mr. ABHISHEK BURUD
715.	48S_BE_2387	CELL SEGMENTATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRAVEEN HONGAL	Ms. RASHMI N KENGANUR Mr. GANESH H SATAPUTE Mr. ABHISHEK SHIVANAND PARANGI Ms. SONICA S GOUDAR
716.	48S_BE_2634	AI BASED CAPTION GENERATOR IN REGIONAL LANGUAGE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VISHWANATH HIREGOUDAR	Mr. ASHISH KUNTHE Mr. AMAAN FAROQUI Mr. AMIT BHANDARE
717.	48S_BE_3049	SPENDIFY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARCHANA M	Ms. KHUSHI N TALWAR Ms. BHAVANI CHANDRASHEKHAR ANGONDA Ms. AISHWARYA SHIVAPPA SINGARAGOPPA Ms. ANUSHA ACHARYA
718.	48S_BE_3766	WEBSENTINEL - EXAMINES LINKS FOR SIGNS OF PHISHING AND PROVIDES SAFETY INSIGHTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHESHKUMAR PATIL	Mr. SOURAV BUDKE Ms. MAHEK MOHAMMADLUKMAN KHADRI Ms. SAHANA MANTURMATH Ms. POORVI WARANG
719.	48S_BE_2406	IMPROVING ALZHEIMER'S DISEASE AND BRAIN TUMOR DETECTION USING DEEP LEARNING WITH PARTICLE SWARM OPTIMIZATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. KAVERI TALAWAR	Ms. AISHWARYA KALAHAL Ms. C H AISHWARYA Mr. BASAVARAJ BYAHATTI Mr. SHREYAS MATWAD
720.	48S_BE_2415	AN INTEGRATED DEEP LEARNING FRAMEWORK FOR FRUITS DISEASE CLASSIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRASANNA.S.PATTANSHETTY	Ms. SUMAIYA KOUSER Ms. GUDIYA KUMARI Ms. AZIZUNISSA KARIGAR Ms. SHABANA.D.GULEDGUDD
721.	48S_BE_2954	POWER THEFT IDENTIFICATION USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. PRIYANKA LAMANI	Mr. SUNILGOUDA S KAREPPAGOUDRA Mr. SRIKANT Mr. PRADEEP P Mr. OMKAR HARLAPUR
722.	48S_BE_6108	AI FOR DERMATOLOGY: EMPOWERING EARLY DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRASANNA.S.PATTANSHETTY	Mr. A K MOHSIN Mr. MOHAMMED OWAIS SIDDIBAPA Mr. ZAID AHMED KANAKGERI Mr. MOINUDDIN M NAVALUR
723.	48S_BE_5738	DESIGN AND DEVELOPMENT OF HELICAL ARCHIMEDES WIND TURBINE GENERATOR FOR EFFICIENT MICRO-SCALE POWER GENERATION IN DOMESTIC APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Prof. DEVIPRASAD N MIRASHI	Mr. MALIK REHAN KHAN JAGIRDAR Mr. SULAIMAN AHMED KANKUDTI Mr. FAIZ ALI K MULLA Mr. IRSHADAHEMAD NAZEERAHEMAAD NAVALGUND

77. JAIN COLLEGE OF ENGINEERING, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
724.	48S_MCA_0113	WIRELESS CHARGING SYSTEM FOR ELECTRIC VEHICLES INTEGRATED WITH ROAD INFRASTRUCTURE	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. VINAYAK PATKI	Mr. GAJENDRA S PUNEKAR Mr. ABHISHEK VR Mr. KARTIK A POTADAR Mr. JAYDEEP M GURAV
725.	48S_MCA_0125	SMART FOOTSTEP ENERGY HARVESTING SYSTEM FOR RENEWABLE ENERGY GENERATION	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. SWATI SANGOLLI	Ms. ANUJA PAWAR Ms. SAKSHI CHATUR Ms. PRAJAKTA GADKARI Ms. ANJALI GINDE
726.	48S_MCA_0132	SMART GREYWATER TREATMENT AND REUSE SYSTEM FOR GREEN BUILDING SOLUTIONS	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. SONAL N PATANGE	Ms. POOJA S PRADHAN Ms. PRIYANKA M CHANNAPPANAVAR Ms. PARVATI SALIMATH Mr. VEERESH
727.	48S_MCA_0154	REAL -TIME ROAD MAINTENANCE AND MONITORING SYSTEM FOR SUSTAINABLE INFRASTRUCTURE	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. VINIYAK PATKI	Mr. GAUTAM DAS Mr. DHIRAJ SHANKAR YAKSAMBE Mr. MALLIKARJUN S GAYYALI Mr. RAKESH S MIRJE

728.	48S_MCA_0161	SUSTAINABLE SMART POWER STRIP WITH REAL TIME ENERGY OPTIMIZATION	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANSODE Prof. VINAYAK PATKI	Mr. RUDRESH M TIMMAPUR Mr. PRAJWAL P KUPATI Ms. SHAMA PATIL Ms. TAMSEEN JAMADAR
729.	48S_BE_2094	NEO NAVIGATOR: A SIMULATION OF NEAR-EARTH OBJECTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SACHINKUMAR Dr. UTTAM PATIL	Mr. HARSHAVARDHAN ASODE Mr. ANKIT AMMANAGI Mr. SHREYAS S BADIGER Ms. MADHUSHREE L HATTI
730.	48S_BE_2231	SMART BLOOD GROUP DETECTION USING FINGERPRINT BIOMETRIC	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUDHIR WAKUDE	Mr. SAPALE SHUBHAM UTTAM Mr. ADITYA WADKAR Mr. SHASHANK N BIRADAR Mr. SAKALEN L SAJJAN
731.	48S_BE_3385	WOUND DETOX: LEVERAGING ML FOR AUTOMATED WOUND CARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SAHANA R. PATIL Dr. SACHIN KUMAR	Mr. RAMAJAN ALLABHAKSH TAHASHILDAR Ms. SAHANA ADDANAGI Ms. RAKSHITA BADAGANNAVAR
732.	48S_BE_0439	ROBOTIC PRECISION AUTOMATING THE BIFURCATION PROCESS OF BLOCKS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. PRIYANKA KOTHAVALE	Mr. SHUBHAM DHAMANEKAR Mr. VINIT VILAS SAINUCHE Mr. VITTHAL ATAWADKAR Mr. PRAJWAL ITI
733.	48S_BE_0440	IOT BASED HOME AUTOMATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.MRUGNAYANI GHADI	Mr. TANMAY CHANDRAKANT TENDOLKAR Mr. MICHAEL SIMON VEERENDRAPUR Ms. SAHANA GIRAMALLAPPA ATTEPPANAVAR Mr. VINUT TALLUR
734.	48S_BE_0442	VOICE CONTROLLER BASED WHEELCHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. LAXMI BRUNGI	Mr. GANESH TAMBURKAR Mr. UDAYA KIRAN K Ms. ANKITA RAWAL Ms. RIYA ARJUN KAMBLE
735.	48S_BE_0446	NON-INVASIVE SALIVA GLUCOMETER TRACKING AND INFORMING TO CARE TAKER AND PULSE OXIMETER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. LAXMI BRUNGI	Mr. SHUBHAM SHIVPUJIMATH Ms. POOJA RAUT Mr. VINAYAK SALUNKE Ms. SHUBHANGI SUBHASH MAHAJAN
736.	48S_BE_0402	SMART AGRICULTURE WITH INTEGRATED MONITORING AND ADAPTIVE IRRIGATION SOLUTIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. H.P. RAJANI	Ms. NIKITA M. SAMBREKAR Ms. PALLAVI P. GAONKAR Ms. RAKSHITA M. PATIL Mr. SAHIL A. RON
737.	48S_BE_0417	BOREWELL RESCUE ROBOT MODIFIED	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHAHAK PATIL Prof. RAVINDRA SULEBHAVI	Mr. MOHAMMED IBRAHIM ANGOLKAR Mr. SACHIN BHOSALE Ms. SHREYA ALLIGIDAD Ms. SNEHAL TETAMBI
738.	48S_BE_0308	A MULTI-PURPOSE PORTABLE CREEP TESTING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. VINAYAK RATAN Prof. UTTAM KORUCHE	Ms. AISHWARYA A TALLUR Mr. SHUBHAM R PATIL Mr. SHREYASH S PATIL
739.	48S_BE_1758	DESIGN AND DEVELOPMENT OF BIODEGRADABLE PLASTIC BAG FROM POTATO STARCH AND CORN STARCH	B.E.	MECHANICAL ENGINEERING	Prof. UTTAM KORUCHE Dr. RATAN A PATIL	Mr. KETAN SATISH NALAVADE Mr. BHARAT C AMBOLKAR
740.	48S_BE_2011	AGRO PORTABLE SOLAR WEED REMOVAL MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. RATAN A. PATIL	Mr. MAHESH M. DEVAGEKAR Mr. SAHIL H. DESAI Mr. NARAYAN P PHATKE Mr. ANIKET M SAPKALE
741.	48S_BE_3199	DESIGN AND DEVELOPMENT OF SEED BALL DROPPING MECHANISM FOR DRONE	B.E.	MECHANICAL ENGINEERING	Dr. ANAND K. HOSAMANI	Ms. SHRUTIKA SHANKAR BHATKANDE Mr. PRATHAMESH KALKHAMBKAR Mr. PRATIK PATIL Mr. SURAJ KOLE

78. JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
742.	48S_BE_2378	EXPERIMENTAL STUDY ON DEVELOPMENT OF ECOFRIENDLY GREEN CONCRETE USING BOTTOM ASH AND CONSTRUCTION DEMOLITION WASTE (CDW)	B.E.	CIVIL ENGINEERING	Mr. KIRAN KUMAR M S	Mr. NAGESH C Ms. VAISHNAVI A R Mr. SRINIVAS M A Mr. BHARATH P
743.	48S_BE_2257	SHESAFE+: MULTI-FEATURE PROTECTION FOR WOMEN AND DIFFERENTLY ABLED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHAFIULLA SHARIFF Prof. SAMEER B	Ms. SPANDANA A Mr. ANJAN RAJU HOVALE Ms. BHOOMIKA P R Mr. PRAJWAL B R
744.	48S_BE_3109	EFFICIENT CLASSIFICATION OF ELECTRONIC-WASTE USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MOUNESHACHARI S	Ms. ANUSHA N Ms. ANUSHA P K Ms. TEJASHWINI N Ms. ZARKIYA TABASSUM D Z

745.	48S_BE_5526	MEDIFLASH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. LATHARANI T R	Mr. SUHAIL AKTHAR K
746.	48S_BE_3143	AUTOMATIC POWER FACTOR CORRECTION USING ARDUNIO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. JAYADEVAPPA B M	Ms. DHANUSHREE K H Ms. HARSHITHA H N Mr. KARTHIK S M Ms. NEHA R
747.	48S_BE_3351	ARDUINO BASED TRAIN ENGINE MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MARULASIDDAPPA H B	Ms. RAKSHITHA A M Ms. RANJITHA B N Ms. SUCHITRA H S Ms. REKHA S
748.	48S_BE_0618	REAL TIME INTRAVENOUS (IV) DRIP MONITORING SYSTEM FOR SMART HEALTHCARE FACILITIES USING LOAD CELL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAVIKUMAR K I	Mr. CHETHAN R. C Ms. SUPRITHA C.L Ms. SUVARNA S KOPPAD Mr. SHASHANK.T
749.	48S_BE_1069	PARALYSIS PATIENT HEALTH MONITORING USING FLEX SENSORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAVI RAYAPPA	Ms. SAMREEN BANU Mr. ARFATH PASHA A Ms. KASHIFA HALEEMA DK Mr. YAQUB KHAN K
750.	48S_BE_1926	DESIGN AND IMPLEMENTATION OF AUTOMATED BLOOD BANK USING EMBEDDED SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUNIL M	Ms. DISHA S ASUNDI Ms. ANANYA V Ms. SANJANA KM Ms. SHEETAL MS
751.	48S_BE_2214	RAILWAY TRACK CRACK AND OBJECT DETECTOR USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. NAYANA T	Mr. VINAYAKA C M Mr. DARSHAN M Mr. ADARSH S S Mr. MALATESHA B M
752.	48S_BE_2412	EARLY DETECTION OF GLAUCOMA USING DEEP LEARNING TECHNIQUES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs.PUSHPALATHA O	Mr. KIRAN KUMAR S H Mr. VIRAKTHI MATAM RAKSHITH Mr. VARUN KUMAR B V Mr. KUSHAAL A N
753.	48S_BE_3847	LPG GAS LEAKAGE DETECTION AND AUTOMATIC SHUTDOWN SYSTEM WITH REAL TIME NOTIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ANUSHA T S	Ms. SINDHUSHREE M J Ms. HARSHITHA V M Mr. AMARANAIK L Mr. DARSHAN S
754.	48S_MBA_0189	A CONCEPTUAL FRAMEWORK FOR ASSESSING HOUSEHOLD FOOD WASTE BEHAVIOUR	M.B.A	M.B.A	Dr. SUHAS D Mr. SRIHARSHA V J	Ms. SAHANA H KUSUGUR Mr. AJITH H A Ms. SUCHITRA R Mr. CHETHAN A M

79. JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
755.	48S_BE_1118	SAMARTHANAI-PREDICTING DYSLEXIA RISK WITH AN ONLINE GAMIFIED TEST FOR CHILDREN	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. ASHWINI J P	Ms. HIMANI M R Ms. PRIYANKA ASHWATH Ms. ANUSHA P KANALE Ms. KSHAMA JOIS U S
756.	48S_BE_1155	SENTIMENT ANALYSIS OF TWITTER DATA USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. CHETAN K R	Mr. SRUJAN Y S Ms. CHANDANA V N Ms. SANJANA M Ms. SIMRAN KOUNAIN
757.	48S_BE_2735	LABORATORY EVALUATION OF STONE MATRIX ASPHALT (SMA) MIXES CONTAINING RECLAIMED ASPHALT PAVEMENT (RAP) MATERIAL	B.E.	CIVIL ENGINEERING	Dr. RAGHURAM K CHINNABHANDAR	Ms. SAHANA H S Ms. SAHANA L Ms. SOUJANYA A M Ms. YAMUNA M M
758.	48S_BE_3026	PREDICTION OF SOIL PHYSICAL AND CHEMICAL PROPERTIES BY VIS-NEAR IR DIFFUSE REFLECTANCE SPECTROSCOPY IN SHIVAMOGGA AND DAVANGERE DISTRICT	B.E.	CIVIL ENGINEERING	Mrs. CHAYA DY	Ms. PRAKRUTHI. B Ms. PRATHIKSHA S CHOUDRI Mr. KARTHIK N
759.	48S_MCA_0033	SMART SIGNAL OPTIMIZATION SYSTEM FOR REAL-TIME TRAFFIC EFFICIENCY	M.C.A.	COMPUTER APPLICATIONS	Mr. MANJUNATH H T Mr. ARUN KUMAR K L	Ms. SANDYA S P
760.	48S_MCA_0044	AI APPLICATION TO AVOID THE HAZARDOUS SITUATIONS OCCURRED FOR KIDS IN THE ELEVATORS	M.C.A.	COMPUTER APPLICATIONS	Mr. ARUNKUMAR K L Mr. MANJUNATHA H T	Mr. SUMANTH N S
761.	48S_BE_2148	ENTRY XPERT - ONLINE EVENT TICKET BOOKING & VALIDATING SYSTEM VIA QR	B.E.	COMPUTER SCIENCE	Mr. VEDANANDA D E	Mr. PRANAV H V
762.	48S_BE_1530	SIGN LANGUAGE DETECTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. PUSHPA R. N	Ms. DEEPIKA H D Ms. AISHWARYA PATIL H M Mr. AKASH L NAIK Ms. DISHA SHETTY
763.	48S_BE_1615	AUDIOVERITAS: A MACHINE LEARNING APPROACH TO DETECT DEEPFAKE AUDIO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GANAVI M	Mr. SHASHANK R R Mr. S VARUN Mr. SANKETH SALANKE R Mr. VISHAL S NAVALE

764.	48S_BE_1800	IMAGE ENCRYPTION USING SCAN PATTERN AND CHAOTIC MAP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MANOHAR NELLI V Dr. RAVINDRA S	Mr. KARTHIK B K Mr. KIRAN MORE S Ms. POORVI T C Ms. PRATEEKSHA A
765.	48S_BE_1946	PREDICTIVE MODELLING FOR AIR QUALITY: A MULTI-MODEL REGRESSION APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BENAKAPPA S M	Ms. TRUPTI K N Ms. SINDHU G B Ms. THEJASWINI H Mr. VARUN S SINDHE
766.	48S_BE_2847	CONTROLLING SOCIAL MEDIA APPLICATIONS USING COMPUTER VISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. MOHAN H G	Mr. BHARATH C Mr. ABHISHEK S Ms. AISHWARYA S G Ms. ARPITHA V
767.	48S_BE_1549	IOT BASED ANTI-THEFT FLOORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Ms. SHAILASHREE K	Ms. SNEHA S Ms. AYESHA SUHANA Ms. VANITHA Ms. NETHRAVATHI N
768.	48S_BE_1558	MISSING VEHICLE TRACKING AND SMART SIGNALLING SYSTEM USING MACHINE LEARNING AND EMBEDDED SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. VIDYASHANKAR M	Ms. AGADI ASHRITHA Mr. ABDUL MUNAF Ms. ANUSHREE P Mr. SHAMANTH V M
769.	48S_BE_1646	AUTOMATIC POWER FACTOR CORRECTION USING MICROCONTROLLER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SHAILASHREE. K	Mr. GANGADHARA M K Mr. SIDDHARTHA B Mr. KARTHIK BHANDARI N Mr. VIJAY K V
770.	48S_BE_1649	COST BASED AND SECURITY ORIENTED IOT BASED PARKING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. MANJULA M G	Ms. HARSHITA N Ms. BHAVANA R B Mr. NITHIN KUMAR J Mr. SUDEEPA P
771.	48S_BE_1738	CONTROL AND SENSING SYSTEM OF PROSTHETIC ARM FOR SUPPORTING DISABLED USERS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SOUMYA K T	Ms. QAMAR UNNISA Ms. PREKSHA KP Ms. PRIYA S M Ms. PRERANA K H
772.	48S_BE_1845	IOT BASED SMART MEDICINE BOX	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. THEJASWI A.H	Ms. MANUSHREE N Ms. RAKSHITHA Y. C Mr. AVINASH P.M Ms. ASHWINI K
773.	48S_BE_1941	OPTIMIZED 2-BIT VCO DESIGN FOR MULTIBAND WIRELESS COMMUNICATION APPLICATIONS USING CADENCE TOOLS	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. SHWETHA H R	Mr. TARUN M Mr. VINEETH K Mr. RAGHU A T Mr. SACHIN M
774.	48S_BE_1954	RAILWAY TRACK CRACK DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. SHARATH S M	Mr. CHETAN GURUMATH Mr. JNANESH V C Mr. BHARATH V M
775.	48S_BE_2723	COAL MINE SAFETY BASED ON WIRELESS COMMUNICATION NETWORK	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Ms. NALINA S B Mrs. UJWALA B S	Mr. KESHAV S SINDHE Mr. K BHASKAR Mr. DEEKSHITH H S Mr. JEEVAN P
776.	48S_BE_2912	AUTOMATED BIRD SPECIES IDENTIFICATION USING AUDIO SIGNAL PROCESSING	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Mrs. SUMATHI K	Ms. S ANUSHA Ms. SINDHU H B Ms. NITIKSHA C JAIN Ms. PRATBIMA B K
777.	48S_BE_1871	"CLEVER COMMUTE" - AUTONOMOUS VEHICLE FOR SMART MOBILITY AND PUBLIC SAFETY	B.E.	ELECTRONICS AND TELECOMMUNIC ATION ENGINEERING	Dr. ASHWINI S R	Mr. SHREENANDA S Ms. PRUTHWI BHAT Ms. VAISHNVAI S Ms. VANDANA R
778.	48S_BE_2806	WAR FIELD ROBOT WITH NIGHT VISION CAMERA	B.E.	ELECTRONICS AND TELECOMMUNIC ATION ENGINEERING	Prof. MADHUKAR C S	Ms. MEGHASHREE N K Mr. SUDEEP B M Mr. PRANAV C Ms. SOUJANYA J M
779.	48S_BE_2864	AERODROP: THE FUTURE OF DRONE DELIVERY	B.E.	ELECTRONICS AND TELECOMMUNIC ATION ENGINEERING	Prof. MADHUSUDHAN G	Ms. RIMSHA TARANNUM A Ms. ADEEBA LARAIB Ms. JAVERIYA SIKANDAR Mr. SYED INSHAAZ
780.	48S_BE_2919	BOMB DETECTION AND DISPOSAL USING AN AUTONOMOUS ROVER WITH ROBOTIC ARM	B.E.	ELECTRONICS AND TELECOMMUNIC ATION ENGINEERING	Dr. SHASHI KIRAN S	Ms. ANISHA M Ms. PRATHIKA K Ms. VDIYA D RAIKAR Ms. YASHASWI K S
781.	48S_BE_2423	WILD ANIMAL CLASSIFICATION AND ALERT SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SAYED AFTAB AHAMED Dr. JYOTHI K	Ms. PANNAGA P RAJ Ms. SANJANA S R Ms. SHALINI P TENGIL Ms. SWARNA B O
782.	48S_BE_2749	FACE-ANTISPOOFIING USING BLOCK AVERAGE LOCAL BINARY PATTERN (BALBP)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAGHAVENDRA R J	Ms. AKSHATHA J S Ms. ANANYA S Ms. NANDITHA A L Ms. NIDHISHRITHA B M
783.	48S_BE_1833	PRODUCTION OF BIOMASS BRIGADE USING BIO WASTE BY CARBONIZED PROCESS	B.E.	MECHANICAL ENGINEERING	Dr. RAVI KUMAR B N	Mr. SHASHANTH SHETTY Ms. MOUNASHREE V Mr. BHUVAN S Mr. DARSHAN N

784.	48S_BE_3500	AUTOMATIC HEADLIGHT DIMMER PROTOTYPE USING MICROCONTROLLER AND LDR SENSORS	B.E.	MECHANICAL ENGINEERING	Dr.MANJUNATHACHARY G H	Mr. MOHAMMED KAIF Mr. HAFEEZ BASHA Mr. RAVICHANDRAN K S

80. JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
785.	48S_BE_4281	STUDIES ON PREDICTING THE MECHANICAL PROPERTIES OF GEOPOLYMER CONCRETE USING NOVEL MACHINE LEARNING ALGORITHMS	B.E.	CIVIL ENGINEERING	Dr.SREEKESHAVA K S Mrs. C BHARGAVI	Mr. MANGALA BALAJI N Ms. KAVYA M Ms. SHRUSTI H S Mr. YUVARAJ BALACHANDRA YALAGUDE
786.	48S_BE_4283	NANO-SILICA: A CATALYST FOR ADVANCING AMBIENTCURED GROUND GRANULATED BLAST FURNACE SLAG BASED GEOPOLYMER CONCRETE CHARACTERISTICS	B.E.	CIVIL ENGINEERING	Dr.SREEKESHAVA K S Mr. GANESH C R	Mr. PRAJWAL N Ms. AKSHATHA R Mr. NITHIN KUMAR R J Ms. YUVASHREE M
787.	48S_BE_5569	SUSTAINABLE WATER MANAGEMENT: A REMOTE SENSING PERSPECTIVE ON LAKE HEALTH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NIKITHA S	Mr. SUDHANVA HP Mr. SHRIHARI VP Ms. T A NAYANA Ms. VARSHINI L
788.	48S_BE_0106	PROCESS AUTOMATION IN PHARMACEUTICAL INDUSTRIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SOWMYA PADUKONE.G	Mr. SRIGANESH S Mr. SHANKARSHANA V Mr. SRIKANTH S Mr. VIJAY KRISHNA MP
789.	48S_BE_2100	DEVELOPMENT OF A LOW-COST FLIGHT CONTROLLER SYSTEM USING STM32F411CEU6 "BLACK PILL" BOARD AND SENSOR MODULES WITH ESP32 CAMERA MODULE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUMANGALA GEJJE	Mr. Y MALLIKARJUNA MADHAV Ms. VINUTHA B T Ms. YOGITHA U K Ms. RAKSHITHA S
790.	48S_BE_3694	TEXT RECOVERY DEVICE REVEALING HIDDEN INFORMATION BENEATH CORRECTION FLUID	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SHIVARAJ A	Mr. VARUN H R Mr. TARUN GOWDA D Mr. SUMESH M SAPATE Mr. MANJUNATHA
791.	48S_MTECH_0044	SUSTAINABLE UTILIZATION OF ARECA NUTSHELL WASTE-DERIVED CELLULOSE AS FILLER MATERIAL FOR FOOD PACKAGING APPLICATIONS	M.Tech	FOOD TECHNOLOGY	Dr. SWARRNA HALDAR Mrs. RASHMI P N	Ms. BHOOMIKA V BHAT
792.	48S_BE_0914	AI BASED SUFACE WATER CLEANER MACHINE	B.E.	MECHANICAL ENGINEERING	Mrs. RASHMI PN	Mr. GNANESH R Mr. MANOJ N Mr. SAMRUDH MANDI Mr. SHASHANK S
793.	48S_BE_2996	LASER ENGRAVING MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. RAKESH B K	Mr. PRADYUMNA A KASHYAP Mr. PAVAN S Mr. NAVEEN V S Mr. SHASHIL KUMARA
794.	48S_MTECH_0016	DEVELOPMENT OF HYBRIDIZED BAMBOO-COIR-RUBBER PANELS FOR SUSTAINABLE FORMWORK CONSTRUCTION	M.Tech	STRUCTURAL ENGINEERING	Dr. NARENDRA REDDY Mrs. C BHARGAVI	Mr. NAVEEN DYAVA NAIK

81. JYOTI NIVAS COLLEGE AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
795.	48S_MSC_0023	GREEN SYNTHESIS OF A LOW-COST NANOPESTICIDE AND ITS APPLICATIONS AGAINST PESTICIDE-RESISTANT HORTICULTURAL PESTS OF KARNATAKA	M.Sc	BIOLOGICAL SCIENCES	Dr. SOUMYA K	Ms. SNEHA S Ms. SWETHA PRABHAKARAN
796.	48S_MSC_0040	GREEN SYNTHESIS OF ANTIDIABETIC DRUG INTERMEDIATE	M.Sc	ORGANIC CHEMISTRY	Dr. RAGHU Dr.SHARANAGOUDA J. PATIL	Ms. DEEPALI. M Ms. SAMEEHA BEGUM Ms. PALLAVI TELAGI

82. K.E.S INSTITUTE OF EXCELLENCE IN MANAGEMENT SCIENCE, HUBBALLI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
797.	48S_MBA_0197	A STUDY ON EMPLOYEE BENEFITS A STUDY ON HR POLICIES & IMPLEMENTATIONS	M.B.A	M.B.A	Prof. JAGADISH PATTAR	Ms. SANGEETA P SAVALAGI Ms. PRERANA BADAGI Mr. SACHIN RADDAR Ms. PREETHI DAHARAWADA

798.	48S_MBA_0151	EMPOWERING RURAL ENTREPRENEURS: A PRACTICAL APPROACH TO DIGITAL ADOPTION IN DHARWAD DISTRICT	M.B.A	M.B.A	Dr. MANJUNATH B. BALEHOSUR	Ms. SHREYA M. BASAVAPATNA Ms. SHIVALEELA D. MAKARABBI Mr. SHRIDHAR C. MALALI Ms. SUNANDA G. NAGANAGOUDRA

83. K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
799.	48S_MSC_0140	SYNTHESIS AND CHARACTERIZATION OF MODIFIED METAL ORGANIC FRAMEWORK MATERIAL FOR PHOTOCATALYSIS AND INVESTIGATION OF THESE MATERIALS FOR ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES	M.Sc	CHEMISTRY	Ms. DIVYARANI.K	Mr. THEERTHAN GOWDA .R Mr. DHANUSH D K Mr. CHETHAN SRIHARI.A Mr. LAKSHMISH.G
800.	48S_MSC_0089	GRADEXPERT- AN INTELLIGENT GRADING SYSTEM FOR MULTIPLE-CHOICE ASSESSMENTS USING AI-POWERED EVALUATION TECHNIQUES	M.Sc	COMPUTER SCIENCE	Mr. CHETHAN R.	Ms. SHRAVANI J Ms. NITHYASHREE N Ms. SUHASINI S Ms. DALSANIYA BANSI BHAVANBHAI
801.	48S_MSC_0136	DESIGN AND SYNTHESIS OF NOVEL CYANOPYRIDONE-BASED SMALL MOLECULES FOR OPTOELECTRONIC AND MEDICINAL APPLICATIONS	M.Sc	ORGANIC CHEMISTRY	Dr. VISHRUTHA K S	Mr. KARTHIK S J Mr. CHAITHRA G Ms. SONY L Ms. MAMATHA S

84. K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
802.	48S_BE_5917	SEAMLESS EDUCATION: A CLOUD ENABLED LMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANISHA TAPALE	Ms. ASHWINI KIRAN GUDDADMANI Ms. MEGHA GOKANVI Ms. SUPRIYA BAHUBALI CHOUGALE Mr. SUMIT CHOUGALA
803.	48S_BE_0026	LI-FI FOR VEHICLE TO VEHICLE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VINAYAK DALAVI	Mr. VISHWANATH MATHAPATI Mr. SUNIL KADI Mr. SANDEEP ANGADI Mr. NILESH CHOUGULE
804.	48S_MBA_0125	FLEXIBLE CAGE FOR CATTLE TRANSPORT VEHICLE WITH LOADING ADJUSTMENT	M.B.A	M.B.A	Dr. PRAYAG PRAKASH GOKHALE Prof. VAIBHAV BADAGI	Mr. AVEENASH V RAMANI Mr. CHETAN RAMESH BHARAMANNAVAR Mr. OMKAR MOKASHI Mr. RAHUL BHAJANTRI

85. K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
805.	48S_BE_5636	DEVELOPMENT OF SENSOR FOR DETECTION OF FLUORIDE IN WATER AND EXPERIMENTAL STUDY ON FLUORIDE REDUCTION USING NANOPARTICLES INDUCED SOIL ADSORBENTS.	B.E.	CIVIL ENGINEERING	Mrs. MADHUMATI S DHADUTI	Ms. RAKSHITA R. RATHOD Ms. SAHANA M. SUSANGI Mr. ABHISHEK B. YADAV Mr. PREETAM M. SHIGLI
806.	48S_MCA_0134	SHIELDING THE INNOCENT - SECURING A DISEASE-FREE CHILDHOOD	M.C.A.	COMPUTER APPLICATIONS	Mrs. LAXMI PUJARI	Mr. HARSH BASAVARAJ GARWAD Ms. ANIL Ms. ANUPAMA R DESAI Ms. NANCY MADURAI
807.	48S_MCA_0159	GREEN HANDS : TRANSFORMING TRASH INTO TREASURES	M.C.A.	COMPUTER APPLICATIONS	Dr. PUNEETH N. THOTAD	Mr. RIZAWAN S. GOLANDAZ Mr. AJEET BIRADAR Ms. SHREYASHI S. MANERKAR Ms. SNEHA C. BHANDARI
808.	48S_MCA_0200	HERCOMFORT-DELIVERING COMFORT EVERY TIME	M.C.A.	COMPUTER APPLICATIONS	Dr. PUNEETH N THOTAD	Mr. PRAJWAL PRAMOD KULKARNI Ms. AISHWARYA NEMINATH JALLI Mr. SHANMUKHA BANDI Mr. ANKIT M PURANIK
809.	48S_BE_5276	DEEPFAKES DETECTION	B.E.	COMPUTER SCIENCE	Dr. SHRIDHAR ALLAGI Mr.BALACHANDRA G CHIKKOPPA	Ms. ANANYA KALASARADDI Ms. ADITI V MUNDARGI Ms. KOMAL NAGARAJ MARATHE Ms. SANVI V B

810.	48S_BE_4680	PEDAL POWER ELECTRICITY GENERATION FOR GOVERNMENT SCHOOL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. YERRISWAMY T Dr. RAJESH YAKKUNDIMATH	Mr. AMIR HAMZA M BETGERI Ms. RASHMI ULLAGADDI Ms. SANGEETA BIRADAR Ms. SHAHIN BEGUM KUDARGUNDA
811.	48S_BE_5055	SMART CAMPUS ASSISTANT: SIMPLIFYING NAVIGATION AND INFORMATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHANTA KALLUR	Ms. SAMRUDDHI SHINDE Ms. SRUJANA KAPPALI Ms. BHARGAVI SRINIVAS JOSHI Ms. NAYANA SUDI
812.	48S_BE_5210	AUDIO EDUCATION FOR VISUALLY IMPAIRED COMMUNITY USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRADEEP SURASURA	Ms. SANJANA GIRIDHAR NINGARADDI Ms. KOUSHALYA H. MALAMMANAVAR Ms. PALLAVI S. PAVASE Ms. SUNIDHI M. KULKARNI
813.	48S_BE_5843	CAR BLACK BOX	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.RAMCHANDRA TURKANI Dr. GOPAL A BIDKAR	Ms. RANJITA CHOUKIMATH Ms. NISHA P SATTYAPNAVAR Ms. MANISHA V ANGADI Mr. SAGAR S B
814.	48S_BE_3367	DESIGN AND FABRICATION OF SEMI-AUTOMATIC CAR COVERING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. ANAND. S .REDDY	Mr. BHARATH RADDI Mr. EMMANUEL JANA Mr. CHETAN. N. KUNTHE Mr. PRALHAD JOSHI
815.	48S_BE_4787	INDUSTRIAL AIR AND WATER POLLUTION MONITORING SYSTEM	B.E.	MECHANICAL ENGINEERING	Mr.SUCHEET.M.G Mr. MANJUMATH PRASAD	Mr. BASANAGOUDA PATIL Mr. CHINMAY PANDURANG PATGAR Mr. JAYAKUMAR ARISHINADA Mr. KIRAN BALANAGOUDRA
816.	48S_BE_4985	THREE-WAY ELECTRICITY GENERATING DEVICE	B.E.	MECHANICAL ENGINEERING	Dr.SHARANABASAPPA C. SAJJAN Dr.SHARANABASAPPA C. SAJJAN	Mr. BASAVARAJ P DINNIMANI Mr. ACHYUT M KULKARNI Mr. GURURAJ N DEVALE Mr. KISHOR G KULKARNI

86. K.L.E. TECHNOLOGICAL UNIVERSITY, HUBBALLI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
817.	48S_BE_2849	DEVELOPMENT OF SEEBECK COEFFICIENT MEASURING TEST FACILITY FOR THERMOELECTRIC MATERIALS	B.E.	MECHANICAL ENGINEERING	Dr. MAHESH B. GORWAR Mr. RAKESH P. TAPASKAR	Mr. SACHIN A. WADEYAR Mr. ADITYA G. PUTHALIKAR Mr. MURAGHESH G. MORABAGI Mr. SHREYAS C. NAIK
818.	48S_BE_2505	DELTA ROBOT FOR SORTING OPERATION	B.E.	ROBOTICS AND AUTOMATION	Dr. VINOD KUMAR. V. METI	Mr. NAVEEN NILKANTH Ms. N R ESHA Mr. ABHISHEK DENGI Mr. SAMMED BADORE

87. K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
819.	48S_BE_0964	DEFLOURIDATION OF DRINKING WATER USING LATERITE AS ADSORBENT	B.E.	CIVIL ENGINEERING	Prof. SHANKARGOUDA B. PATIL.	Mr. PRAJWAL VASANT. KANAPETH. Mr. RAKESH JAGADISH. ADISERI. Ms. RAVINA RAMESH. KUNNURE. Mr. ROOPESH MAHANTESH DABBAGOL.
820.	48S_BE_0379	AN EXPERIMENTAL STUDY OF RETROFITTING WITH FIBER REINFORCED POLYMER (FRP) LAMINATES TO IMPROVE TENSILE STRENGTH OF M20 GRADE CONCRETE	B.E.	CIVIL ENGINEERING	Prof. VIVEK R PATIL	Ms. NAINA S KAJAVE Ms. DIVYA V GANGVARPU Mr. VINAYAK SHIRAGANVI Mr. SHREYAS GADAG
821.	48S_BE_1142	DESIGNING RAPID SAND FILLTER BY USING COCONUT SHELL AND RICE HUSK FOR THE TREATMENT OF CHIKKODI MUNCIPAL WATER	B.E.	CIVIL ENGINEERING	Prof. SHANKARGOUDA B PATIL	Ms. SHIVARANJINI MAGADUM Ms. SAMSKRUTI MAISHALE Mr. MAHANTESH AJETRAO Mr. SUPRITH B M
822.	48S_BE_0428	PHISHING DETECTION SYSTEM	B.E.	COMPUTER ENGINEERING	Prof. SANJU KAPALI Prof. VINOD BIRADAR	Ms. SHWETA GIRI Ms. SAKSHI JAVANI Ms. PRIYANKA GUNAKI Ms. PREETI KUDACHI
823.	48S_BE_0248	DECENTRALIZED ORGAN DONATION USING BLOCKCHAIN TECHNOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BAHUBALI M AKIWATE Dr. BAHUBALI M AKIWATE	Ms. MINAJ NADAF Mr. NAVEEN PUJAR Mr. PRAJWAL SADALAGI Mr. PRAVEEN SINDHUR

824.	48S_BE_0259	E-INSURANCE USING BLOCKCHAIN TECHNOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.GURUNANJAIAH R KEMBHAVIMATH	Ms. SHILPA V VASANAD Ms. SOUMMYA Ms. SANSKRUTI GANIGER Mr. SHARANU KAMBI
825.	48S_BE_0399	DATA LEAKAGE DETECTION USING CLOUD COMPUTING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VINOD BIRADAR	Ms. NEHA KORE Ms. GOURI KOTIWALE Ms. PRATIKSHA DODAMANI Ms. PRIYA AMBI
826.	48S_BE_0825	CREDIT CARD FRAUDULENT TRANSACTION DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. AMRUTA SONAWALE	Mr. PRAMOD MINACHE Mr. ROHAN KHOMBARE Mr. SUPRIT GHATAGE Mr. PRADEEP KALE
827.	48S_BE_1366	DISCONTINUOUS RECEPTION BASED ENERGY-EFFICIENT USER ASSOCIATION FOR 5G HETEROGENEOUS NETWORKS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI GAWALI	Ms. SHRUTI GAIKWAD Mr. CHOUDAJ AKASH SHIVALING Ms. SNEHA KATE Ms. RAJESHWARI KRISHNA IRKAL
828.	48S_BE_2774	HYBRID MACHINE LEARNING MODEL FOR EFFICIENT BOTNET ATTACK DETECTION IN IOT ENVIRONMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNITA KARABASANNAVAR	Ms. VEENA A. PATIL Ms. SEEMA S. BANNATTI Ms. SIYA S. PATIL Ms. SNEHA KADAKOL
829.	48S_BE_1896	DESIGN, ANALYSIS AND BEHAVIOUR IMPLEMENTATION OF 4 STAGE PROCESSOR ON FPGA USING VERILOG	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MALLIKARJUN BIRADAR	Ms. PRADNYA MUTALIKDESAI Ms. ADITI R JADHAV Mr. ALOK MAHADEV TUNGAL Mr. SAMMED AINAPURE
830.	48S_BE_2246	SMART GLASSES FOR BLIND PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRASHANT HEBBALE	Ms. SWATI MAVINAKATTI Ms. ANJALI PATIL Ms. MEGHANA S Ms. SAKSHI HIREMATH
831.	48S_BE_2361	BIOTRACK: ENHANCING ANIMAL HEALTH WITH SMART TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRASHANT HEBBALE	Mr. GURUBASAV S SURAGIMATH Mr. HANAMANT BALUMANI Ms. PREETI G TONNE Mr. SUPREET R KHOT
832.	48S_BE_0932	EXPERIMENTAL AND NUMERICAL ANALYSIS OF GRAPHENE / DISTILLED WATER-ETHYLENE GLYCOL ON POOL BOILING HEAT TRANSFER	B.E.	MECHANICAL ENGINEERING	Prof. KUMAR CHOUGALA Prof. VEERANNA MODI	Mr. SUDEEP SUBHASH ITI Mr. VIVEKANAND SHANKAR KOLAR Mr. DEEPAK PANDURANG MANE Mr. SOURABH SHEKHAR SIDANURLE

88. K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
833.	48S_BE_1243	EFFECT OF NATURAL FIBERS ON THE STRENGTH AND DAMAGE IN ADHESIVELY BONDED JOINTS	B.E.	AERONAUTICAL ENGINEERING	Dr. LOKAMANYA CHIKMATH Mr. RAMANATH M N	Mr. MALLIKARJUN CHINAGUNDI Ms. AASTHA PATIL Ms. AITAL SHAIKH Ms. CHINMAYI HOSAMANI
834.	48S_BE_1291	INVESTIGATING THE DYNAMICS OF SHOCK WAVE AND FLAME INTERACTION	B.E.	AERONAUTICAL ENGINEERING	Dr. LOKAMANYA CHIKMATH Mr. SIDYANT KUMAR	Ms. MADHUSHREE M PATIL Ms. NIDHI N MURKUTE Mr. RAHIL I GORWANKOL Ms. SOUJANYA C PATIL
835.	48S_BE_0614	ENHANCING AGRICULTURAL WATER USE EFFICIENCY THROUGH INFILTRATION MEASUREMENTS AND OPTIMIZING THE IRRIGATION SCHEDULING	B.E.	CIVIL ENGINEERING	Dr. LEELADHAR S. PAMMAR Dr. PURANDARA BEKAL	Mr. PRAJWAL MAHANTESH PATAT Mr. SWAYAM D. BHOGAN Mr. TEJAS LAHOTI
836.	48S_BE_0895	NANO-ENHANCED ADSORBENTS FOR CONTAMINANT REMOVAL	B.E.	CIVIL ENGINEERING	Prof. NITIN ARVIND DESHPANDE Dr. SHEELA SANGAM	Ms. CHANDRIKA GANDGALE Mr. YASSER ALI Mr. MD. AFNAN ANKALGI Ms. MAYURI BANNUR
837.	48S_BE_1825	SAHAYAK: WEBSITE AND FUND MANAGEMENT FOR NGO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEENA KANGRALKAR	Ms. SAMRUDDHI M BIRJE Ms. SHREYALI S IRANNAVAR Mr. SOURABH M KARAMBALKAR
838.	48S_BE_1849	SMART EDUCATION SYSTEM FOR UNDERPRIVILEGED CHILDREN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KULDEEP SAMBREKAR	Mr. KARTIK JADHAV Mr. ATHARVA PARULKAR Mr. KUNAL DULBAJI Mr. OMKAR PATIL
839.	48S_BE_1793	WIRELESS WATER LEVEL CONTROLLER & MOTOR SAFEGUARD SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SATEESH DODAMANI	Mr. GURURAJENDRAYYA HIREMATH Ms. ARCHANA GUMASTE Ms. KRUTIKA B PATIL Ms. SANNIDHI S TUBACHI
840.	48S_BE_2552	INTELLIGENT PARKING SPACE MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SNEHAL KULKARNI	Mr. VISHWANATH M KADAPATTI Mr. VIJAYKUMAR V Ms. SUPRIYA BIRADARPATIL Ms. SHWETA MUNGARWADI

841.	48S_BE_3365	DESIGN AND ANALYSIS OF MICROSTRIP ARRAY ANTENNA FOR WIFI APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VAIDEHI DESHPANDE	Ms. DHATREE HOMBALI Ms. AISHWARYA KAGADAL Ms. AMRUTA KHANDGHAVE Ms. ADITI NAIK
842.	48S_BE_3477	LIBRARY ASSISTANT ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. AASHISH GADGIL	Ms. BHAGYA S DODDAGADAD Ms. SAHANA GAWATI Ms. NIDHI P PATIL Ms. RASHMITA CHOUGALA
843.	48S_BE_1084	EMPOWERING INCLUSICE EDUCATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KIRAN K TANGOD	Ms. T.P GAUTAMI Mr. ARYAN THAPA Ms. RAKSHA PATIL
844.	48S_BE_1190	CIE ASSESSMENT SCANNER: ANDROID APPLICATION FOR AUTOMATED MARKS EXTRACTION AND STORAGE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SUDHINDRA DESHPANDE	Mr. ABHISHEK K KUSABI Ms. ANNAPURNA MAGADUM Mr. BHARAT DESHPANDE Ms. SANIKA BENAKE
845.	48S_MBA_0076	A DESCRIPTIVE STUDY ON ENVIRONMENTALLY FRIENDLY PRACTICES FOLLOWED BY MANUFACTURING FIRMS TO PROMOTE A SUSTAINABLE FUTURE - A CASE STUDY OF BELAGAVI CITY	M.B.A	M.B.A	Dr. SANJAY K DESHPANDE	Ms. CHAITANYA CHINCHANI Mr. SUJEET GAWADE Mr. PAVAN KOSTI Mr. VISHAL KAMBLE
846.	48S_BE_1543	NANO-PARTICALS REINFORCED MQL FOR ENVIRONMENTAL FRIENDLY MACHINING OPERATIONS	B.E.	MECHANICAL ENGINEERING	Dr. MAHANTESH M NADAKATTI Dr. RAVIRAJ M KULKARNI	Mr. VINAYAK DADAGOL Mr. VISHAL VIJAY IDALHONDKAR Mr. VITTHAL GHASTI Ms. VIDYASHREE SANTAGOL
847.	48S_BE_1638	CORN HUSK BOWL MANUFACTURING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. VINAYAK KULKARNI	Mr. MAHANTESH R KAMATI Mr. CHETAN M PUJERI Mr. BHARATH I DODAMANI Mr. AKASH S CHALAWADI
848.	48S_MTECH_0003	EXPERIMENTAL INVESTIGATION AND MICROSTRUCTURE ANALYSIS OF REUTILIZATION OF WASTE FOUNDRY SAND FROM FOUNDRIES OF BELEGAVI DISTRICT FOR SUSTAINABLE CONCRETE	M.Tech	STRUCTURAL ENGINEERING	Prof. SACHIN R. KULKARNI	Mr. ABUBAKAR SIDDIQUE S NAMAKWALE

89. K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
849.	48S_BE_4099	AN IOT BASED SMART BUILDING SOLUTION FOR INDOOR ENVIRONMENT MANAGEMENT AND OCCUPANTS PREDICTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.FARAJANA N. Mr. MANOJ MAHALE	Mr. KALPESH PAVASKAR Mr. MUSHTAQ AHMED Mr. NAGENDRA MAHABALESHWAR BOREKAR Mr. SANTOSH MANJUNATH TURAMARI
850.	48S_BE_4482	CAMELLIA SINENSIS DISEASE DETECTION USING GENERATIVE ADVERSARIAL NETWORK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. BHAGATH. I Prof. NIRMALA G	Ms. BIBI AYESHA MULLA Ms. ANKITA NAVALGUND Ms. ANUSHA NADIGER Ms. NAMITA RAJPUT
851.	48S_BE_4156	ELECTRIC VEHICLE WIRELESS CHARGING STATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DEEPAK V LOKARE	Mr. SACHIN PADESUR Mr. MAHMAD TOUFIK RAJJUSAB MEKAMUNGALI Mr. VIJAY BYADAGI Mr. VISHAL NAVILKAR
852.	48S_BE_3727	PARKING MANAGEMENT SYSTEM USING DEEP LEARNING ALGORITHM (YOLOV11)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.RAGHAVENDRA P. NAGARALLI	Mr. SHIVALING KALLAPPA KORALLI Mr. VINAYAK MANJUNATH BHUJI Mr. VISHWANATH MAHANTESHWARAPPA KAMBALYAL Mr. VITTAL PRASHANT PRABHU
853.	48S_BE_5725	RIVER CLEANING ROBOT USING SOLAR POWER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PAVITRA M. BADIGER	Ms. VAISHNAVI B. WADAGERI Ms. SAIPOOJA S. SUNAGAR Ms. SWATI R. PATIL Ms. VERONICA
854.	48S_BE_0002	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE IN FLOATING SOLAR WICK TYPE DESALINATION SYSTEM FOR CROP GROWING	B.E.	MECHANICAL ENGINEERING	Dr. SHANKAR BADIGER Prof. PRANESH KULKARNI	Ms. SHWETA R PANNALKAR Ms. SHRIDEVI S AMARAPUR Mr. NAGARAJ MSAMMASAGI Mr. VIJET L NAIK
855.	48S_BE_1965	ARTIFICIAL INTELLIGENCE-DRIVEN CROP MONITORING PRECISION AGRICULTURE AVIAN TECHNOLOGY	B.E.	MECHANICAL ENGINEERING	Prof. SANTOSH SAVANUR	Mr. ABHISHEK M CHARADKAR Mr. ANKIT D GHATKAMBLE Mr. GAUTAM CHORLEKAR Mr. KRITIK M SANNMANI

90. K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
856.	48S_BE_2610	REAL TIME SNAKE DETECTION AND ALERT SYSTEM IN AGRICULTURAL FIELDS USING COMPUTER VISION AND IOT	B.E.	COMPUTER SCIENCE AND DESIGN	Dr. DEEPA S.R	Ms. ANAGHA SHASTRY Ms. ABHILASHA PATIL Ms. PAVITHRAA G Ms. VARSHITHA SRIDHAR
857.	48S_BE_3002	SMART URBAN HELMET RENTAL SYSTEM WITH IOT INTEGRATION AND MOBILE-CENTRIC USER INTERFACE	B.E.	COMPUTER SCIENCE AND DESIGN	Dr. SUREKHA BYAKOD	Ms. VAISHNAVI S Ms. A S N SREEYA Ms. DEEPTHI G B Ms. SAVYA SHREE S
858.	48S_BE_3382	MONITORING TOXIC GASES USING MACHINE LEARNING MODEL	B.E.	COMPUTER SCIENCE AND DESIGN	Dr. DEEPA SR	Mr. KARTHIK C S Mr. RAYALA SAI PRAKASH Ms. SHRUSTI K RAJ Mr. SUMANTH V SHET
859.	48S_BE_2370	NUTRIFY : NUTRITION TRACKER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ABHILASH L BHAT	Ms. SUNIDHI P Ms. SHEETAL NAIK Mr. VILAS V Mr. VISHAL KAMAN
860.	48S_BE_2537	CARBON FOOTPRINT TRACKER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ROOPESH KUMAR B N	Ms. VARSHA H R Ms. NAGASHREE A Ms. R AISHWARYA Mr. SURESH C
861.	48S_BE_2661	CUREMATE : A FRIENDLY COMPANION FOR HEALTH QUERIES AND CONSULTATIONS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ROOPESH KUMAR B N	Ms. SINDHU MEGHA Ms. POOJITHA MV Ms. POOJITHA R Ms. SNEHA S
862.	48S_BE_2925	RIDEWISE - SMART CAB FARE COMPARISON AND BOOKING HUB	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRASHANTH H S	Mr. ABHILASHA V. Ms. ADITI R. Ms. DEEPTHI A. B.
863.	48S_BE_1787	AMPHIBIOUS HOVERCRAFT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. P N SUDHA	Mr. B S BHARGAV Mr. MITHUN C Mr. CHINTAN D S
864.	48S_BE_1842	WALKING WATTS: INNOVATIVE HUMAN LOCOMOTION BASED ELECTRICITY GENERATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SALEEM S TEVARAMANI	Mr. KUSHAL GOWDA U Ms. KOMALA N Mr. LOHITH S Mr. SAI RAHUL N
865.	48S_BE_2340	DAM AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANITA P	Ms. SANJANA V Mr. PRAJWAL R Mr. PRATHAM R SHANBHAG Mr. PREKSHA S
866.	48S_BE_2556	GREEN POWER GENERATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs.BHANUMATHI	Ms. VIDYA RAWAL D Ms. VIDYA I Mr. TARUN M Mr. SUMUKH P
867.	48S_BE_2732	INTELLIGENT TRAFFIC RULES VIOLATION DETECTOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. RAMYA K R	Ms. GAGANA SINDHU N Mr. B N JEEVAN Mr. GAGAN V Mr. PAVAN M PAI
868.	48S_BE_1832	EXPERIMENTAL ANALYSIS OF CONDENSATION OF STEAM WITH NITROGEN GAS ON DIFFERENT MATERIALS SURFACE	B.E.	MECHANICAL ENGINEERING	Dr.NAGAPRASAD. K. S Mr. HARISH. U	Mr. SRINIDHI.S. B Mr. MANOJ. T. S Mr. DEEPAK. K

91. K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
869.	48S_BE_0509	PREDICTION OF ANTIBIOTIC RESISTANCE IN URINARY TRACT INFECTION (UTI)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUPRIYA SURESH	Mr. AMITH C SURI Ms. M SURABHI Ms. MANASVI K M Ms. SANJANA S VASISTA
870.	48S_BE_0684	VOICE BASED EMAIL SYSTEM FOR BLINDS WITH IMAGE CAPTIONER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. NAGAVENI B NIMBAL	Ms. NANDANA M Mr. DHANUSH U S
871.	48S_BE_0740	BLOCKCHAIN IN ELECTRONICS INDUSTRY FOR THE SUPPLY CHAIN MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr.HARSHAVARDHAN J R	Mr. RAMKI G K L Ms. NEHA U Ms. VAISHNAVI U KULKARNI
872.	48S_BE_3372	VIDEO SUMMARIZATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. BELJI T	Mr. VEEKSHITH V Mr. VAIBHAV E S Mr. SUDARSHAN S KAKALWAR Ms. SINCHANA S
873.	48S_BE_4511	DESIGN OF INTELLIGENT SHOPPING TROLLEY USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. DILEEP J	Mr. MOHAMMED AYMAAN Mr. ANAVULAMUDI HARIKRISHNA CHOWDARY Mr. DARAPANENI ABHINAY CHOWDARY Mr. MELLAMPUTI ABHILASH

874.	48S_BE_5589	IDENTIFICATION & CLASSIFICATION OF LEFT AND RIGHT VENTRICULAR HYPERTROPHY USING ECG SIGNALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RENUKA V TALI	Mr. RAM PRASAD P V Mr. SHASHANK B VENKATESH Ms. RAKSHITHA H Ms. MEGHA KANKANAMELI
875.	48S_BE_3985	DEVELOPMENT AND FABRICATION OF A SUSTAINABLE TECHNOLOGY MODEL FOR TEXTILE EFFLUENT TREATMENT	B.E.	MECHANICAL ENGINEERING	Dr. P.N JYOTHI Dr. RASHMI HR	Mr. YESHWANTH R Mr. SHARATH S Mr. UMAMAHESH S

92. K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
876.	48S_BE_4084	AGRICONNECT: IOT-DRIVEN SMART FARMING AND MARKET INTEGRATION PLATFORM FOR MARKET ACCESS AND FINANCIAL EMPOWERMENT OPPORTUNITIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SMITHA M L	Ms. GAGANA B L Ms. DEEPTHI M N Ms. GAGANA M Ms. CHANDRAPRABHA V
877.	48S_BE_5915	ASSISITIVE DEVICE FOR DEAF, DUMB, BLIND	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ADARSHA D	Ms. KAVERAMMA M S Ms. MANASA H S Ms. SUSHMITHA P
878.	48S_BE_2434	DESIGN AND FABRICATION OF DECORTICATOR FOR BLACK PEPPER	B.E.	MECHANICAL ENGINEERING	Prof. SUDHEER K V	Mr. HARSHITH P Mr. SUJAN S Mr. UJWAL N Y

93. KAHERS JAWAHARLAL NEHRU MEDICAL COLLEGE, BELAGAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
879.	48S_MSC_0044	FORMULATION OF HYDROGEL LOADED WITH EXOSOMES DERIVED FROM HUMAN DENTAL PULP STEM CELLS (HDPSC) AND ITS OSTEOGENESIS PROPERTY	M.Sc	ALLIED HEALTH SCIENCE	Dr. VIJAY M KUMBAR	Ms. KAJOL T KAMMAR Ms. AFIRA BEIG

94. KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
880.	48S_BE_0220	OPTIMIZING WATER MANAGEMENT FOR COCONUT CROPS IN DROUGHT-PRONE REGIONS USING INTELLIGENT IRRIGATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SANJAY KUMAR N V	Mr. ANANTHASHAYANA S V Mr. DHANUSH T U Mr. YASHAS GOWDA A S Mr. CHETHAN GOWDA K S
881.	48S_BE_3203	MULTI-PURPOSE AND ECO-FRIENDLY VEHICLE FOR INSTITUTE CAMPUS VISITS FOR DIVYANG PERSONS AND SENIOR CITIZENS	B.E.	MECHANICAL ENGINEERING	Dr.MALLIKARJUNA G B	Mr. CHETHAN K H Mr. DHANRAJ A V Mr. GAGAN GOWDA K G Mr. NAGARAJ N P

95. KARNATAKA LAW SOCIETY'S INSTITUTE OF MANAGEMENT EDUCATION AND RESEARCH (KLS-IMER), BELGAUM

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
882.	48S_MBA_0199	SUSTAINABLE AGRICULTURAL PRACTICES AND FOOD SECURITY IN THE FACE OF CLIMATE CHANGE	M.B.A	M.B.A	Dr. AJAY JAMNANI	Mr. AKSHAY R HAVERI Mr. PRASHANT B KUMBAR Mr. IMRAN NAIKWADI Ms. SUPRIYA R MITHARI

96. KARNATAKA STATE AKKAMAHADEVI WOMEN UNIVERSITY, VIJAYAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
883.	48S_MSC_0338	METABOLOMICS AND NETWORK PHARMCOLOGY STUDIES OF ANNONA RETICULATA SEED EXTRACT TARGETING COLON CANCER	M.Sc	BIOTECHNOLOGY	Dr. JOY H. HOSKERI	Ms. MEGHANA KOMBIN

97. KARNATAKA STATE OPEN UNIVERSITY, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
884.	48S_MSC_0345	DEVELOPMENT OF SUSTAINABLE NANO-PESTICIDES AND THEIR INTERVENTION IN PLANTS DISEASES MANAGEMENT	M.Sc	MICROBIOLOGY	Dr. NIRANJAN RAJ S Dr. SYED BAKER	Mr. ATIQUE ANWAR Ms. VANDANA GOWDA Ms. DIKSHA KUMARI Mr. TEJASGOWDA P

98. KRISTU JAYANTI COLLEGE AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
885.	48S_MSC_0126	PHYTOCHEMICAL ENHANCED CELLULOSE MEMBRANE FOR EFFECTIVE HEAVY METAL REMOVAL FROM WATER	M.Sc	BIOCHEMISTRY	Dr. SHINOMOL GEORGE K	Ms. GEORGINA MARTIN Ms. NILANJANA SINHA Ms. ABITHA S

886.	48S_MSC_0073	EXPLORING POTENTIAL POSTBIOITC COMPOUNDS EXTRACTED FROM PROBIOTCS TO DEVELOP DIETARY SUPPLEMENTS EFFECTIVE IN ENHANCING HEALTH AND WELLNESS	M.Sc	BIOTECHNOLOGY AND MICROBIOLOGY	Dr. C. M. REENA JOSEPHINE Dr. P. ROOPA	Ms. SELVA PRIYA S Ms. ATHEENA PAUL Mr. K RAKESH
887.	48S_MSC_0067	UNVEILING THE WHOLE GENOME OF ENDOPHYTIC ACTINOMYCETES: DUAL ROLE IN PLANT GROWTH PROMOTION AND BIOCONTROL OF MAIZE PATHOGENS	M.Sc	LIFE SCIENCE	Dr. REENA JOSEPHINE Dr. P ROOPA	Ms. MYDHILY M. K Ms. NEETHU V
888.	48S_MSC_0078	VALORIZATION OF AGRO WASTES THROUGH THE CULTIVATION AND EVALUATION OF NEUROTROPHIC PROPERTIES OF LION'S MANE MUSHROOM (HERICIUM ERINACEUS). FOSTERING CIRCULAR ECONOMY.	M.Sc	MICROBIOLOGY	Dr. SANGEETHA MENON Dr. ARPITA MISHRA	Ms. ANNA JIBY Ms. YASHASHREE SAHA

99. LINGARAJAPPA ENGINEERING COLLEGE, BIDAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
889.	48S_BE_0195	EXPERIMENTAL INVESTIGATION OF RECYCLE DEMOLISHED CONCRETE AS AGGREGATE M30 &M40	B.E.	CIVIL ENGINEERING	Prof. SHIVANAND JALADE Prof. KALYANRAO	Ms. AISHWARYA Mr. AMAR Mr. TAHA ALI KHAN Mr. MOHD TOUQEER AHMED
890.	48S_BE_0549	SMART LPG GAS LEAK DETECTION SYSTEM WITH IOT INTEGRATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARUNA KAWDI Prof. VEERESH BIRADAR	Mr. SYED MOHAMMED HASAN Mr. TAUZ UL IMAM Mr. SYED SHOEIB AKTHER
891.	48S_BE_0631	BLOOD BANK MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEERESH BIRADAR Prof. GURURAJ NASE	Mr. VISHNUKANT Mr. SURAJ PATIL Mr. SUPREET PATIL
892.	48S_BE_1883	VILLAGE DEVELOPMENT APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. P SRIPALREDDY Prof. VEERESH BIRADAR	Ms. SHWETHA Ms. BIRADAR PRANITA Ms. S ALKARANI
893.	48S_BE_2769	WASTE FOOD MANAGEMENT AND DONATION APP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHRUTI MODI Prof. NEELAMBIKA	Ms. AMBIKA Ms. AIMAN GOUS Ms. AKSHATHA PATIL
894.	48S_BE_3508	IOT BASED MILITARY ROBOT WITH VIDEO SURVEILLANCE OF HUMAN AND CONTROLLING FROM WEB	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NEELAMBIKA H Prof. SHRUTI MODI	Ms. AYESHA FATIMA Ms. MADIHA MAHVEEN
895.	48S_BE_0801	AUTOMATIC ACCIDENT DETECTION AND AMBULANCE RESCUE SYSTEM - SMART BIOS SERVICES USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARANBASAPPA SHETKAR	Ms. PRIYANKA Ms. ATTOFFA JABEEN Ms. ARCHANA Mr. PAVAN
896.	48S_BE_2309	DESIGN OF A CHARGE-PUMP BASED, PHASE LOCKED LOOP (PLL) FOR MEDICAL APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SAGARKUMAR BUYYA	Mr. SAI PRASSAN Mr. VINAYAK GHATGE Ms. DIVYA SB Ms. SANDHYARANI
897.	48S_BE_3767	LASER SECURITY SYSTEM FOR HOME AND MULTI PURPOSE	B.E.	MECHANICAL ENGINEERING	Prof. PREETI KHANDRE	Mr. TEJESH Mr. AKHILESH Mr. VINAYAK

100. M.S. ENGINEERING COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
898.	48S_BE_3619	SOIL ANALYSIS AND CROP RECOMMENDATION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. NETHRAVATHI G NELOGAL Dr. SANDHYA G	Mr. CHARAN N P Mr. HIMANSHU BHUSHAN Mr. DAYAKAR REDDY K
899.	48S_BE_4238	HYBRID POWER GENERATION FOR FUTURE EV STATION USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S H	Ms. YASHASWINI C Mr. MANU T V Mr. PAVAN VENKATESH GOWDA Mr. ADARSH H
900.	48S_BE_4450	YOGA POSE ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SNEHA JEWARGI Dr. MALATESH S H	Mr. ANKIT MATHPATI Mr. CHANDRA MOHAN K R Mr. MANOJ P Mr. UPPARA SIDDARTH
901.	48S_BE_4740	IOT-ENABLED MULTI-SENSOR HEALTHCARE SYSTEM WITH ML-DRIVEN PREDICTIVE ANALYTICS AND EMERGENCY RESPONSE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S H Mrs. SNEHA JEWARGI	Ms. SUPRIYA S Ms. RAMYA B Ms. PARVATHI B V Ms. SUSHMA B M
902.	48S_BE_4802	SMART WASTE MANAGEMENT DUST BIN SYSTEM FOR SOCIETY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S H	Ms. BHAVYA H Ms. ARCHANA A Ms. NITHYA SHREE N Ms. VARSHA M
903.	48S_BE_4990	AUTONOMOUS NIGHT SAFETY PATROLLING CAR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S H Ms. AISHWARYA M	Mr. YOGITH M Mr. VEDAMITRA G M Mr. SUNIL BHANDARI R Ms. TEJASWINI G Y

904.	48S_BE_5144	FIRE FIGHTING ROBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. MALATESH S H	Ms. PRIYANKA N R Ms. NIMISHAMBA M Ms. SEEMA BANAJ Ms. SHOBHITHA S R
905.	48S_BE_6415	REAL TIME INCIDENT MONITORING FOR SMART CITIES USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. AISHWARYA M Dr. MALATESH S H	Mr. MOHAMMAD AFTAB G Mr. RITIK KUMAR GAUTAM

101. M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
906.	48S_MSC_0222	GREEN NANOMEDICINE: BIOSYNTHESIS OF CARBON DOTS FROM COLEUS AROMATICUS AND EVALUATION OF ITS MULTIFACETED BIOMEDICAL POTENTIAL	M.Sc	BIOTECHNOLOGY	Dr. MUKTHA H Dr. NANDINI S	Mr. DARSHAN D Ms. PRATHIKSHA M Ms. PRATHYUSHA C Ms. YASHASWINI N
907.	48S_MSC_0254	AFFORDABLE AND COST EFFECTIVE SMART BANDAGE FOR MONITORING OF WOUNDS WITH PCBS	M.Sc	BIOTECHNOLOGY	Dr. PRASANTH KUMAR Dr. GEETIKA PANT	Ms. SAYATA CHOUDHURY
908.	48S_MSC_0240	HERBAL MOSQUITO REPELLENT INCENSE STICK USING MICROBIAL FERMENTATION PROCESS	M.Sc	MICROBIOLOGY	Dr. VISHAL M Dr. SWATHI D	Ms. GEETHA N Mr. SAGAR B Ms. SANIKA LAKSHMANAN
909.	48S_MSC_0252	APPLICATION OF ALGAL-ASSISTED MICROBIAL FUEL CELL (AA-MFC FOR THE PRODUCTION OF ELECTRICITY FROM POND/SEWAGE WATER	M.Sc	MICROBIOLOGY	Dr. R.PRASHANTHI Dr. VIDYA JAGADEESHAN	Ms. AFREEN.A Ms. AFSANA Ms. BHOOMIKA.M
910.	48S_MSC_0274	BIO CONVERSION OF ERGOSTEROL IN TO VITAMIN D2 BY EDIBLE MUSHROOM USING SIMPLE UV IRRADIATION METHOD	M.Sc	MICROBIOLOGY	Prof. SAVITHA J Dr. VISHAL M	Ms. KEERTHANA UO Ms. SREELAKSHMI K A Ms. VISMAYA R NAIR
911.	48S_MSC_0280	NEXT-GENERATION ANTIMICROBIAL POLYMER NANOCOMPOSITE MEMBRANES FOR ADVANCED BIOFOULING SUPPRESSION AND PROTEINACEOUS EFFLUENT PURIFICATION	M.Sc	ORGANIC CHEMISTRY	Dr. PANCHAMI H R Dr. BHARATH K DEVENDRA	Ms. ANANYA S S Ms. RAMITHA E SINGH Ms. KOUNAIN
912.	48S_MSC_0290	SUSTAINABLE SYNTHESIS OF BENZIL-THIAZOLE DERIVATIVES AND THEIR METAL COMPLEXES: BRIDGING GREEN CHEMISTRY, COORDINATION SCIENCE, AND ANTIOXIDANT APPLICATIONS WITH IN-SILICO STUDIES	M.Sc	ORGANIC CHEMISTRY	Dr. AMREEN KHANUM Dr. RAJEGOWDA H R	Ms. APOORVA S O Ms. GEETHA SHREE PM Ms. MANGALA GOWRI S A Ms. SAHANA P

102. M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
913.	48S_BE_5252	DESIGN, DEVELOP AND NEMERICAL SIMULATION OF MEDIUM CATEGORY UAV PROPELLER FOR HIGH ALTITUDE OPERATION	B.E.	AEROSPACE ENGINEERING	Mr.RAJASHEKHARA REDDY H G Mr. SHAIK BEPARI MOHMMED KHAJA MOINUDDIN	Mr. ADITYA JADHAV
914.	48S_BE_5952	DRONE-BASED RF COUNTERMEASURE SYSTEM FOR NAVAL MISSILE DEFENSE	B.E.	AEROSPACE ENGINEERING	Mr.RAJASHEKHARA REDDY H G	Mr. M ARUN PRASATH Mr. N LATHIESH Mr. POUSHIK D Mr. SANDEEP G
915.	48S_BE_6261	SMART TRACK INSPECTOR- AN AUTONOMOUS CRACK DETECTING ROBOT FOR INDAN RAILWAY	B.E.	AEROSPACE ENGINEERING	Mr. ADARSH KRISHNAMURTHY Dr. JAYAHAR SIVASUBRAMANIAN	Mr. DILIP K Mr. HITESH TAMADA
916.	48S_MSC_0260	IN SILICO IDENTIFICATION AND VALIDATION OF NOVEL PEPTIDE-BASED ANTIBIOTICS FROM NEEM (AZADIRACHTA INDICA) FOR COMBATING DRUG-RESISTANT PATHOGENS	M.Sc	BIOTECHNOLOGY	Dr. CHETANA BALIGA	Ms.VARSHINI.V.BANGERA Ms. ANJANA RAMACHANDRAN Ms. K.S. SUMA
917.	48S_MSC_0065	FABRICATION AND DEVELOPMENT OF BIOACTIVE NANO YARNS AS EFFECTIVE SURGICAL SUTURE FOR WOUND HEALING: A COMPREHENSIVE ANALYSIS OF CHARACTERIZATION, THERAPEUTIC EFFECTIVENESS, AND CYTOTOXIC EVALUATION"	M.Sc	CHEMISTRY	Dr. JYOTSNA KUMAR	Ms. PAVITRA PRABHAKAR MUNAVALLI
918.	48S_MSC_0066	SYNTHESIS OF NOVEL PYRIMIDINE - CONJUGATED N-HETEROCYCLIC DRUG MOLECULE/S AS MULTIFUNCTIONAL ANTI-ALZHEIMER AGENTS: MECHANISM OF ACTION AND DEVELOPMENT OF ADVANCED COMPUTATIONAL ALGORITHMS FOR DISCRIMINATING ACTIVE AND INACTIVE ANTI-ALZHEIMER MOLECULES	M.Sc	CHEMISTRY	Dr. JYOTSNA KUMAR Dr. SUBARNA CHATEERJEE	Mr. RAKSHITH V BHARADWAJ

919.	48S_MSC_0196	DEVELOPMENT OF A NOVEL GREEN NITRIC OXIDE-RELEASING WOUND DRESSING, CHARACTERIZATION AND IN VITRO STUDY FOR HEALING OF MRSA-INFECTED BIOFILMS AND DIABETIC FOOT ULCERS	M.Sc	CHEMISTRY	Dr. JYOTSNA KUMAR Dr. PRIYANKA K P	Ms. RESHMA SURESH Ms. NANDANA P
920.	48S_BE_3780	AI-DRIVEN CROSS-BLOCKCHAIN FORENSICS FOR CRYPTO TRANSACTION TRANSPARENCY AND COMPLIANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI A P	Mr. PRANAV VENKATESH Mr. SURAJ ANGURAJ NAIDU Mr. SAMARTH TRIVEDI Mr. ANKITH ANAND
921.	48S_MTECH_0077	MACHINE LEARNING FOR SELECTING MOST POTENT PIPERAZINE COMPRISING DRUG MOLECULE/S TO CARRY OUT PARKINSON DISEASE SCREENING	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. SUBARNA CHATTERJEE Dr. JYOSTNA KUMAR	Mr. G V GADILINGAPPA Mr. PRAJWAL REDDY B
922.	48S_BE_3744	IMPLEMENTATION OF MULTI-MODE EV CHARGING SYSTEM INTEGRATED WITH SOLAR, BATTERY AND HYBRID SOLUTIONS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S.NAGARAJA RAO Dr. SACHIN.S	Mr. SHUBHAKARA D Mr. MOHAN B L Ms. SHIRISHA Ms. SHRUSTI ARJUN MATTIKOP
923.	48S_BE_5975	DESIGN AND DEVELOPMENT OF BATTERY-LESS SUSTAINABLE ENERGY HARVESTER USING TEG WITH INTELLIGENT CONTROL BASED LOW POWER GAIN CONVERTER FOR EMERGING IMPLANTABLE MEDICAL DEVICES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S.NAGARAJA RAO Dr. SACHIN S	Mr. KIRAN L Mr. RAJANI SANGANGOWDA PATIL Mr. RAVI MANMI Mr. GIRIMALLA KATAGERI
924.	48S_MSC_0189	DEVELOPMENT AND QUALITY EVALUATION OF PLANT BASED SPICED PANEER	M.Sc	FOOD SCIENCE AND TECHNOLOGY	Dr. POORNIMA D S Dr. DEEPA M MADALAGER	Ms. S NIRTHIKA Mr. SANU THOMAS
925.	48S_MBA_0059	DESIGN AND EXECUTION OF AWARENESS CAMPAIGN TO REDUCE CARBON FOOTPRINT	M.B.A	M.B.A	Dr. BINDU NAMBIAR	Mr. JEEVAN.B Ms. JANANI SHETTY Ms. K. SUSHMA
926.	48S_MBA_0106	LOAN APP ADOPTION AMONG STUDENTS: AN EXPLORATORY STUDY ON FACTORS INFLUENCING ADOPTION AND USAGE	M.B.A	M.B.A	Dr. RAJISHA T. Dr. ANNAPURNA PRAKASH	Ms. HARIKA U Mr. HARSHITH B KESARKAR Ms. PAVITHRA K.J
927.	48S_MBA_0207	A STUDY ON THE CHALLEGES OF IMPLEMENTING SUSTAINABLE PRACTICES IN RURAL HANDICRAFT ENTERPRISES USING DIGITAL TOOLS FOR DIVYANGJAN	M.B.A	MANAGEMENT AND COMMERCE	Mr. P RAJEEV PRASAD Dr.K M SHARATH KUMAR	Ms. DEEKSHITA S Ms. PUNYASHREE D K
928.	48S_BE_1188	ARTIFICIAL INTELLIGENCE BASED PNEUMATIC BUMPER SYSTEM FOR LIGHT MOTOR VEHICLE	B.E.	MECHANICAL ENGINEERING	Dr. SURESH R	Mr. AMEEN YUSSUF Mr. SHIJIN AJ Mr. V VENKATESH Mr. NEERAJ M
929.	48S_BE_3777	DESIGN AND DEVELOPMENT OF LOW COST 3D SCANNER TO DEVELOP POINT CLOUDS FOR ASSISTING IN PRE-SURGUCAL ANALYSIS	B.E.	ROBOTICS AND AUTOMATION	Prof. SACHIT T S	Mr. SAGAR G M Mr. MAYUR P Mr. VINOD PATTAR Mr. KISHOR G

103. M.V.J. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
930.	48S_BE_1093	PREPARATION AND COMPARISON OF GRAPHENE OXIDE PROPERTIES DERIVED FROM AGRICULTURAL WASTE BIOMASS USING THE TOURS AND HUMMERS METHOD	B.E.	CHEMICAL ENGINEERING	Dr. SERIYALA ANIL KUMAR	Ms. D ASHWINI CHOUDRY Mr. ARUNKUMAR GJ Ms. ASHIKA P SHETTY Mr. ABISHEIK NATHAN MS
931.	48S_BE_6392	RADAR OBJECT DETECTION USING IOT AND AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KIRAN BABU T S	Ms. SIVARANJANI SENTHIL VELAN Ms. SNEHA V A Ms. TEJAVARSHITHA S Mr. SHESHANK S M
932.	48S_BE_4866	INTEGRATED URBAN WATER MANAGEMENT AND URBAN PLANNING SYSTEM FOR BENGALURU	B.E.	DATA SCIENCE	Prof. BHARANI PRABHAKAR Prof. REKHA PORAL	Mr. CHANDRAHAS K Ms. JAHNAVI V S Mr. S KEDARESHWARA SUBBA REDDY Ms. SHALINI P
933.	48S_BE_2301	DESIGN OF HIGH GAIN MIMO ANTENNA FOR SUB 6 GHZ 5G APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. L.DAVID WILLIAM RAJ	Mr. JAGADEESH KUMAR O Mr. KARTHIK V Mr. DEEPAK KUMAR P Mr. SHANTHA MURTHY
934.	48S_BE_3514	DESIGN OF HIGH EFFICIENT DIELECTRIC RESONATOR ANTENNA INSIPRED WITH META MATERIALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. L. DAVID WILLIAM RAJ	Mr. VARDHINEEDI PRAVANEETH Mr. V PAWAN Ms. SREELITHIKA P Mr. GAURAV A GOPALAKRISHNAN

935.	48S_BE_4256	PERSONALIZED FITNESS ASSISTANT USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANU RAJU Dr. NIJA K S	Ms. SNEHA SHIVANAND KURAGOD Ms. SINDHU M N Ms. SHREELAKSHMI D C Mr. SAI TARAK D
936.	48S_BE_3286	DESIGN FOR AN AUTONOMOUS VEHICLE COMMUNICATION SYSTEM WITH MULTI-SENSOR FUSION AND CLOUD-AI INTEGRATION	B.E.	INDUSTRIAL AUTOMATION AND ROBOTICS	Dr. SUBHRADIP MUKHERJEE	Ms. ANJALI SHARMA R Ms. EPHRATHA MERLIN S Ms. G ANUSHA Ms. S VARSHA
937.	48S_BE_3340	EARLY DIAGNOSIS OF PULMONARY INFARCTION USING DEEP LEARNING AND XAI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. KUMAR R	Mr. AKASH POLINENI Ms. ADITHI SHIBU Ms. AISHWARYA SINGH Ms. ANINDHAYA SINHA
938.	48S_BE_6141	THERMOMECHANICAL DEGRADATION STUDIES ON HYBRID BASALT-TREATED NATURAL FIBRE COMPOSITES FOR BOAT DECK AND FLOOR APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Dr. SANTHOSH N Prof. VINOTH KUMAR G	Mr. ABHISHEK PATIL Mr. NITHIN C A Mr. PRATHIK D S Mr. PRATEEK REDDY

104. MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
939.	48S_BE_5564	IOT BASED WATER LEVEL DETECTION AND ALERT SYSTEM	B.E.	CIVIL ENGINEERING	Mr. MANOJ B R	Mr. ALLAMA RAZIQ R Mr. ADITHYA GOWDA M R Mr. BHAVANI SHANKAR M G Ms. HEMASHREE H S
940.	48S_BE_5921	BLOCKCHAIN-DRIVEN SMART CONTRACTS FOR AUTOMATED CRYPTO PAYMENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SANTOSH E	Mr. DUSHYANTH J Mr. CHETHAN R Mr. G RAVITEJAS Mr. SURYA PRAKASH V

105. MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
941.	48S_BE_1313	PERFORMANCE ANALYSIS OF NOVEL ASPHALT FILLED STEEL TUBE CLADDING FOR BLAST PROTECTION IN EXISTING STRUCTURES	B.E.	CIVIL ENGINEERING	Prof. ROHITH JAIN	Mr. NISCHAL G S Mr. KUMAR SWAMY M R Mr. JEEVAN D S Mr. YASHWANTH B
942.	48S_BE_1394	NEEM-TULSI-BAMBOO CHARCOAL TRIO, A SYNERGETIC APPROACH TO WATER PURIFICATION IN RURAL AREAS USING LOW COST WATER FILTER	B.E.	CIVIL ENGINEERING	Dr. B C NAGENDRA PRASAD Mr. MANU S GOWDA	Mr. ABHISHEK HU Ms. PUNYASHREE MR Ms. VIDYASHREE S Mr. MANOJ KUMAR RN
943.	48S_MCA_0075	AI-BASED LITERACY ASSISTANT FOR ENHANCING DIGITAL LITERACY IN RURAL AREAS	M.C.A.	COMPUTER APPLICATIONS	Mr. HAREESHA C Ms. DHANYASHREE N R	Ms. MEGHANA S Mr. SHRINIVAS J K Ms. SOFIYA P Mr. MD RAYAAN
944.	48S_BE_2815	DESIGN AND FABRICATION OF CHAFF CUTTER	B.E.	MECHANICAL ENGINEERING	Dr. KRUPESH K S Prof. RAGHU S	Mr. PRAJWAL N Mr. HARISH KUMAR H K Ms. BHAVANI P K Mr. GOWTHAM S A

106. MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN, AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
945.	48S_MSC_0271	FORMULATION OF PROBIOTICS FROM RICE WASH FERMENTATION	M.Sc	BIOTECHNOLOGY	Dr. JOLITHA A B Dr. BABITHA B	Ms. S AFREEN BANU Ms. RAKSHITHA N Ms. SUSHMA N
946.	48S_MSC_0277	ASSESSMENT OF AIR QUALITY INDEX AND IDENTIFICATION OF HIGH CARBON-SEQUESTERING PLANT SPECIES: A COMPARATIVE STUDY OF URBAN, INDUSTRIAL, AND TRANSITIONAL ZONES	M.Sc	BOTANY	Dr. M REEMA KUMARI	Ms. NA ANUSHA VASIST Ms. SHWETHA S

107. MALNAD COLLEGE OF ENGINEERING, HASSAN

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
947.	48S_BE_1328	SUSTAINABLE PHOTO CATALYTIC TREATMENT OF HOSPITAL WASTEWATER USING GREEN SYNTHESIS OF TIO2 NANOPARTICLE FROM GUAVA LEAF EXTRACT	B.E.	CIVIL ENGINEERING	Dr. KISHOR KUMAR S	Ms. KEERTHANA SRINIVAS Mr. SUSHANTH H U Ms. THEJASWINI J Ms. HARSHITHA A D
948.	48S_BE_2856	WILDEYE: AI-DRIVEN DETECTION AND CLASSIFICATION FOR WILDLIFE CONSERVATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAMESH B	Mr. ANIRUDDHA S KULKARNI Mr. ANURAAG K N Ms. ANANYA C L Ms. AISHWARYA SHETTY JR

949.	48S_BE_5686	DESIGN AND ANALYSIS OF A PHOTONIC CRYSTAL-BASED BIOSENSOR INTEGRATED WITH MACHINE LEARNING FOR HUMAN PAPILLOMAVIRUS DETECTION IN URINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.YASHASWINI P. R Dr. SRIKANTH P. C	Mr. BHAVITH M GOWDA Mr. A KARTHIK LAL Mr. ARUN KUMAR Mr. ADITHYA BHAT U
950.	48S_BE_0507	AI-DRIVEN CAREER PATHWAYS: DECODING PAST EMPLOYMENT TRENDS AND COMPANY EXPECTATIONS FOR TARGETED SKILL GROWTH	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHRUTHI B S Dr. NANDITHA B R	Ms. ANAGHA P NADIG Ms. KALAVATHI H N Mr. HITHESH Y Mr. HARISH D
951.	48S_BE_2972	BRAIN TUMOR DETECTION USING CNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRIYANKA H L	Mr. DEEPITH GC Mr. BHUVAN CHANDRA K N Mr. DILEEP KUMAR C Mr. HARI KIRAN H O
952.	48S_BE_3515	CHRONIC KIDNEY DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. DEEPTHI C G	Ms. SUCHITHRA M M Ms. SAMEEKSHA PRABHA Ms. SRUSHTI JOSHI R Ms. SUKRUTHA R
953.	48S_BE_3698	NEUROSPECTRA: REVOLUTINIZING AUTISM DETECTION THROUGH AI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRIYANKA H L Mr. SUDARSHAN G K	Mr. ROHITHNAIK S Mr. PAVAN B Mr. S M YATHIN Ms. SINCHANA SV
954.	48S_BE_4381	PRENATAL DETECTION OF FETAL BIRTH WEIGHT AND BONE DENSITY USING AI AND ML TECHNIQUE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUDARSHAN G K Mrs. PRIYANKA H L	Mr. NANDAN D Mr. ABHISHEK H N Mr. ADITHYA P Mr. AHAMED PASHA
955.	48S_BE_5857	A REAL TIME APPLICATION FOR STUDENTS STRESS LEVEL PREDICTION IN EDUCATION SECTOR USING ML	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ANANDA BABU J	Mr. MANOJ KUMAR V Mr. BHARATH M Mr. KHAJABANDUR NABISAB MITTALAKOD Mr. MAYUR V
956.	48S_BE_2546	EXPERIMENTAL INVESTIGATION OF CYLINDRICAL HEAT PIPE THERMAL PERFORMANCE USING HYBRID NANOFLUIDS FOR ADVANCED COOLING APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Dr. EZHIL VANNAN S Dr. MADHU P	Mr. H S VIVEK RANGE GOWDA Mr. MUHAMMED AFNAAN UR RAHMAAN Ms. AMRUTHA N M Ms. POORNIMA R

108. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
957.	48S_BE_1156	EXPERIMENTAL & NUMERICAL INVESTIGATION ON EFFECT OF DIVERGENCE ANGLE FOR A CONVERGENT -DIVERGENT SOLID PROPELLANT ROCKET NOZZLE	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR Dr. EZHILMARAN	Mr. HARSHITH S BHANDARY Ms. POORVI DEVADIGA Mr. VINITH AARON Mr. HUDAIF UM
958.	48S_BE_1702	PERCUSSION-BASED VIBRATION AND AUDIO SIGNAL ANALYSIS FOR STRUCTURAL HEALTH MONITORING OF BOLTED JOINTS IN AIRCRAFT STRUCTURES	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR	Ms. SPOORTI HANCHINAL Ms. JANAKI KADDI Ms. KHUSH FATHIMA Mr. MOHAMMED RAIF KHADER
959.	48S_MCA_0041	SMART AI-INTEGRATED WEARABLE FOR EARLY DETECTION OF DIABETIC FOOT ULCERS USING SENSORS AND BIOMARKERS	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ	Ms. DEEKSHA P ACHARYA Ms. NAYANA G KAMATH Ms. SHWETHA Ms. RAKSHA
960.	48S_MCA_0050	DUAL AXIS SOLAR PANEL USING ARDINO	M.C.A.	COMPUTER APPLICATIONS	Mrs. SADHANA K Dr. ANUSHREE RAJ	Mr. PRASHANTH K Mr. KOUSTUBHA K M Mr. SUMAN Mr. PRANEETH
961.	48S_MCA_0051	SMART RFID- BASED ACCESS MANAGEMENT SYSTEM WITH AI-DRIVEN ANALYTICS AND CLOUD INTEGRATION	M.C.A.	COMPUTER APPLICATIONS	Ms. RASHMI M S Dr. ANUSHREE RAJ	Mr.SHRUTHAKEERTHIRAJ Mr. JAY M BUNNAL Ms. KAVYA NAIK Mr. THEJAS D SHETTY
962.	48S_MCA_0070	KRISHICONNECT	M.C.A.	COMPUTER APPLICATIONS	Mr. RAGESH RAJU Dr. MADHWARAJ K G	Mr. S SANJITH GUNA Ms. LAHARI Ms. SUSHMITHA S Ms. SHRAVYA
963.	48S_MCA_0089	AI-DRIVEN WEB PORTAL FOR T-CELL AND BIOMARKER ANALYSIS IN BREAST CANCER DIAGNOSTICS	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ	Mr. SELVA KUMAR Mr. ANKITH K C Ms. K SHWETHA Ms. BHAVYASHREE
964.	48S_BE_0747	ANALYSIS OF WHATSAPP CHAT USING NLP MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SHWETHA C H	Mr. VIPUL NAYAK Ms. SHARADHI SHEDIGUMME Mr. SUMANTH KRISHNA P Ms. VARSHA R GIRISH
965.	48S_BE_0789	ONCOGUIDERX: A DEEP LEARNING-BASED PLATFORM FOR PREDICTING PERSONALIZED CANCER DRUG SENSITIVITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUMA K	Ms. K SAHANA RAO Mr. KARTHIK U SHETTIGAR Mr. DHANUSH A Mr. DHANUSH S SHETTY

966.	48S_BE_1058	PHARMACEUTICAL SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SUNITHA N V	Ms. CLEON VIOL DSOUZA Mr. CHETHAN V Mr. DHANANJAYA KUMAR SHETTY Ms. HARSHITHA K
967.	48S_BE_1141	MACHINE LEARNING-BASED EARLY DETECTION OF AUTISM IN CHILDREN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. REJEESH RAYAROTH	Ms. SANYUKTHA SATISH SHETTY Ms. SAMRUDDHI H.R Ms. SHRADDHA SINGH Ms. MILIYANA REENA DSOUZA
968.	48S_BE_2308	RESUME AND LINKEDIN PROFILE-BASED CANDIDATE SCREENING AND RANKING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.RAVINARAYANA B	Mr. MANISH Ms. PRAPTHI JAIN Mr. PRATHAM BEKAL Ms. RASHMI R DEVADIGA
969.	48S_BE_3284	CODE COMMENT GENERATION USING LLM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHIVANANDA V SEERI	Mr. KSHITISH SHETTY Mr. SHREESHA Mr. JNANESH Ms. SOUNDARYA M SHETTY
970.	48S_BE_1288	AI-POWERED RESPIRATORY SUPPORT: A LEAP FORWARD IN PATIENT CARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RANJITH H D	Ms. SANJANA NAYAK Mr. BHUVANESH Mr. VIKAS SHETTY Mr. KRISHNA
971.	48S_BE_1413	VITAL GLOW: SMART MONITORING FOR MOTHERHOOD AND DIABETES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. UDAY J	Ms. SAKSHI S SHETTY Mr. ANUCHITH A SHETTY Mr. DHEERAJ Mr. DARSHAN
972.	48S_BE_1540	AIR AWARE: INDOOR AIR QUALITY MONITORING USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRI KRISHNA SHASTRI C	Ms. AMISHA SALIAN Mr. CHETHAN K R Mr. KULADEEP Ms. SHREYA SHETTY
973.	48S_BE_1698	SOLAR POWERED WATER BODY CLEANING AND MONITORING DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SATHISHA	Mr. SANJAN KUMAR Mr. ASHIK E K Mr. SHAIKH MOHAMMED AFZAN Mr. HARSHA
974.	48S_BE_1803	MAT-KIT: (MEDICAL ASSISTANT TOOL) FOR MONITORING HEALTH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHAVYA S	Ms. SAMPRITHI K Ms. MAITHRI Mr. SWASTIK T S Mr. SWASTHIK P
975.	48S_BE_2069	OPTIMIZING EARLY PARKINSON'S DISEASE DIAGNOSIS VIA MACHINE LEARNING AND MULTI-MODEL EMBEDDED SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRUTHI DINESH	Mr. OMKAR Mr. ANITH H M Mr. PRATIK SACHIN HALBHAVI Ms. SUSHMITHA POOJARY
976.	48S_BE_3053	SKYSCRAPER WINDOW CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. POORNIMA K	Ms. ANUSHREE K NAIK Mr. PRATHIK RAJ Mr. SATHWIK J A Mr. AMBRESH
977.	48S_BE_0831	RANDOM FOREST-BASED PANCREATIC CANCER DETECTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. RAJESH N KAMATH	Ms. NIDHI S SHETTY Ms. KARUNYA BHAT Ms. MEDINEE S RAO Ms. MONISHA G D
978.	48S_BE_1485	A BLOCKCHAIN-BASED DECENTRALIZED SYSTEM TO ENSURE THE QUALITY OF ORGANIC FOOD SUPPLY CHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SREEJA RAJESH	Mr. ASTHIK B GOWDA Mr. DARSHAN H J Mr. HARSHA ELIGAR Mr. NAQEEB NAVEED SHAIKH
979.	48S_BE_3010	AI BASED INTERVIEW CHATBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAMANANDA MALLYA K	Mr. ABHILASH HARISH SHETTY Mr. K KARTHIK NARAYAN PAI Mr. KEERTHAN MARATHE Mr. PRAJWAL B
980.	48S_BE_1247	ADVANCED AGRICULTURAL INTELLIGENCE SYSTEM FOR SUSTAINABLE FARMING	B.E.	INTERDISCIPLINARY	Dr.JAYAPRAKASH M C Dr. RAMANANDA MALLYA K	Mr. ANIRUDDHA M Mr. AKHILESH K Mr. MAKARANDA GORE
981.	48S_MBA_0046	A STUDY ON THE ECONOMIC VIABILITY OF ENHANCING RENEWABLE ENERGY ADOPTION: A STUDY ON HOUSEHOLD UTILIZATION, CHALLENGES AND SUSTAINABLE SOLUTIONS IN THE COASTAL KARNATAKA.	M.B.A	M.B.A	Prof.AKSHATHRAJ JAIN	Ms. ARPITHA Mr. GAURAV G AMIN Mr. GOWRISH B MOILY Ms. DISHA R POOJARY
982.	48S_BE_1352	DESIGN AND DEVELOPMENT OF AN AI INTEGRATED MULTI PURPOSE ROBOTIC ARM FOR DIVERSE INDUSTRIAL AND DOMESTIC APPLICATION	B.E.	MECHANICAL ENGINEERING	Mr. SWAROOP GANNAMANI Dr. VIGNESH NAYAK ULLAL	Mr. ROHAN KALAS Mr. SKANDA SV

983.	48S_BE_0510	MULTI-MODE DRONE	B.E.	MECHATRONICS ENGINEERING	Dr. BINDU MADHAVI J	Mr. RAJ KUMAR H C Mr. BHAVISH KOTIAN Mr. ANISHRAJ
984.	48S_BE_1353	ROBUST VISION SYSTEM ARCHITECTURE FOR AUTONOMOUS DRIVING	B.E.	MECHATRONICS ENGINEERING	Mr. SANTHOSH S	Mr. SUPREETH SEBASTIN QUADRES Mr. MANISH M H Mr. CHIRAYU C POOJARY Mr. SHAAN NAYEEM KUNDAPUR

109. MANGALORE UNIVERSITY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
985.	48S_MSC_0068	DEVELOPMENT OF SMART COMPOSITE COATED PAPER USING AGRICULTURE WASTE AS SUBSTITUTE FOR PETROLEUM DERIVED MULCHES	M.Sc	CHEMISTRY	Prof. VISHALAKSHI B Mr. SANTHOSHA	Mr. SUDHANVA SHYAM S. Mr. VILAS Mr. PRAJWAL Mr. DHEERAJ

110. MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
986.	48S_BE_2952	STRUCTURAL ANALYSIS AND DESIGN OF A MULTI-APPLICATION BLOCK CUTTING MACHINE FOR RURAL AGRICULTURAL COMMUNITIES	B.E.	MECHANICAL ENGINEERING	Dr. ARUNKUMAR H S	Mr. MUZAMMIL NAZEER AHAMED Mr. ARYAN PURI Mr. LEON JERALD ANDRADE

111. MOODLAKATTE INSTITUTE OF TECHNOLOGY, UDUPI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
987.	48S_BE_4582	ECO-PLATE AI : AI-POWERED FOOD REDUCTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. MURALIDHARA B K Mr. MANOJ K	Mr. ARJUN RAJ Mr. SURAJ TAKUR V Ms. HARSHITHA M Mr. ROHAN RUDRA
988.	48S_BE_4723	IOT AND ARTIFICIAL INTELLIGENCE BASED AUTOMATED SMART HYDROPONICS SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. VARUNA KUMARA Mrs. AKSHATHA NAIK	Ms. FATIMA TAHSIR Ms. SINCHANA B DEVADIGA Ms. VINITHA R NAIK

112. MYSURU ROYAL INSTITUTE OF TECHNOLOGY, MANDYA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
989.	48S_BE_2081	DESIGNING AND DEVELOPING A TOOL TO IDENTIFY HUMAN SKIN DISEASES USING CUTTING EDGE DEEP LEARNING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MAHESHA Y	Ms. SHOBHA P N Mr. SHRUTHA KEERTHI C Ms. SHAFIYA BANU Mr. SHASHANK B Y

113. N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
990.	48S_BE_5178	OPTIMIZING VEHICLE TO VEHICLE ENERGY TRANSFER: A SOLUTION FOR EFFICIENT EV CHARGING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr.RAGHAVENDRA M	Ms. DEEPIKA Ms. SAHANA SUBRAMANYA Ms. SANGEETHA C Ms. SUSHMA M

114. N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
991.	48S_BE_6097	PRETERM BIRTH ANALYSIS USING FEDERATED LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. DISHA D N Dr. SHARADA U SHENOY	Mr. KARTHIK SHETTY Mr. AJAY JOHAN BRAGGS
992.	48S_BE_4671	EXTRACTION, SYNTHESIS AND CHARACTERISATION OF BIOSUSTAINABLE SOY- OIL BASED ALGAL INK	B.E.	BIOTECHNOLOGY	Dr. UJWAL P	Mr. SHARAN PRABHU Ms. N PRANAMYA KALAPPA Ms. NAVYA P Ms. NEETHIKA H
993.	48S_BE_4314	NON DESTRUCTIVE EVALUATION OF CONCRETE CHARACTERISTICS FOR CORROSION ASSESSMENT	B.E.	CIVIL ENGINEERING	Dr.SHANMUKHA SHETTY	Ms. ANUSHA M NAIK Mr. ANKITHRAJ SHETTY Mr. ABHISHANT SHETTY Mr. PRATHEEK ACHARYA
994.	48S_BE_4912	BATTERY OPTIMIZATION WITH DYNAMIC LEADER NODE SELECTION	B.E.	COMMUNICATION ENGINEERING AND NETWORKS	Mrs. JYOTHI PRASAD Mr. KRISHNA PRASAD DS	Mr. SANKALP B CHANDAVARKAR Mr. REVANTH N MURTHY Mr. SWASTHIK PRABHU Mr. VEDANTH J

995.	48S_BE_1824	ADVANCING CHEST ABNORMALITY DETECTION USING DEEP LEARNING INNOVATIONS FOR ENHANCED DIAGNOSTIC PRECISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SANNIDHAN M S	Ms. NAMRATHA S Ms. HITHA K Ms. FATHIMA THASKEEN Ms. GAHANA SHETTY
996.	48S_BE_3350	CRIME DETECTION AND ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ASMITA POOJARI	Mr. SHIVAM KUMAR Mr. SHRISKANDA P BHAT Mr. SIDDHARTH BUDALE Mr. SHHREYAS KAIROLI
997.	48S_BE_3493	ANISA - AN AI COMPANION FOR ENHANCED ELDERLY CARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA KAREGOUDRA Prof. PAWAN HEGDE	Ms. SINCHANA C POOJARY Ms. PRANITHA P SHETTY Ms. SAANVI KALLIANPUR Ms. SAHANA M K
998.	48S_BE_4285	PLC BASED AUTOMATED MIXING SYSTEM IN A TANK	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RAJALAKSHMI SAMAGA B L	Mr. CHARAN PRABHU Mr. BHARATH KUMAR V Mr. AVISH LAWRENCE PINTO Mr. CLIFFORD LLOYD DSOUZA
999.	48S_BE_5939	ACTIVE CELL BALANCING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. GIRISHA JOSHI	Ms. KHSUHI N GOWDA Ms. BINDU S SALANKI Ms. BHANUPRIYA R Ms. BHUVANA
1000.	48S_BE_3580	REHABSENSE: INTELLIGENT REHABILITATION DEVICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. K V S S S S SAIRAM Mr. CHANDRA SINGH	Mr. RAGHUNANDAN K BIDI Ms. RASHMI Ms. R C ANVITHA JAIN Ms. RADHIKA S
1001.	48S_BE_3455	REAL-TIME ROAD DAMAGE DETECTION AND NOTIFICATION SYSTEM USING DEEP LEARNING APPROACH WITH LIDAR AND GPS INTEGRATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ABHISHEK S RAO	Ms. SHYVALANI B S Ms. THANISHA Ms. TRUPTHI D NAYAK Ms. VAISHNAVI R
1002.	48S_BE_4129	KANNADA AUDIO TO INDIAN SIGN LANGUAGE TRANSLATOR	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ASHWINI B	Ms. SUMEDHA S KINI Ms. TANYA SRINIVASA KINI Ms. VARSHA K DEVADIGA Ms. SINCHANA
1003.	48S_BE_4402	REALIZATION AND VALIDATION OF SWARM ROBOTS FOR MAPPING, SEARCH AND APPREHEND APPLICATION	B.E.	ROBOTICS AND AI	Dr. PRASAD PRABHU Dr. MURALIDHARA	Mr. AUSAAF AHMED Mr. MOHAMMED ABID Mr. SHREYAS T Mr. TARUN GOPALAKRISHNA SHENOY
1004.	48S_BE_5783	AUTONOMOUS FIXED WING UAV SYSTEM FOR AUTOMATIC PAYLOAD DELIVERY AND LINEAR SURVEILLANCE	B.E.	ROBOTICS AND AUTOMATION	Dr. VEERESHA R.K	Mr. SANKETH K K Ms. ANINDYA HEGDE K Ms. BHOOMIKA Ms. SRAVYA M S

115. N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1005.	48S_MSC_0315	DEVELOPMENT OF AN ECO-FRIENDLY SANITARY PAD UTILIZING OF AN ECO-FRIENDLY SANITARY PAD UTILIZING PAPAYA BARK AND PETIOLE FIBERS FOR ABSORPTION AND PAPAIN-BASED ANTIMICROBIAL ENHANCEMENT	M.Sc	BIOTECHNOLOGY	Dr. ARUNA NAIR UK	Ms. GORTHI LAKSHMI SOWJANYA
1006.	48S_MSC_0322	ISOLATION AND CHARACTERIZATION OF A PLASTIC DEGRADING MICROBE FROM INSECT GUT	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. SWATHI LAKSHMI
1007.	48S_MSC_0326	CORRELATION BETWEEN VITAMIN B12 DEFICIENCY AND THE PRESENCE OF BAND 3 IN THE ERYTHROCYTE MEMBRANE	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. ANJANA FRANCIS THEVARMADOM
1008.	48S_MSC_0328	SCREENING AND CHARACTERIZATION OF COLIFORMS AND PHAGES FROM THE SOURCE WATER OF THE VRISHABHAVATHI RIVER IN BENGALURU CITY	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. AMRUTHA BHASKAR
1009.	48S_MSC_0313	RHODAMINE B IN SUGAR CANDY: DETECTION AND QUANTIFICATION BY TLC AND UV-VISIBLE SPECTROSCOPY AND DEGRADATION BY COCONUT SHELL-ZNO PHOTOCATALYST	M.Sc	CHEMISTRY	Dr. SHYAMALA R Dr. GOVINDAGOUDA SHREENIVASA PATIL	Ms. KRUTHIKA BHARADWAJ S M Ms. NISHA PATEL D Ms. AYESHA KHANUM
1010.	48S_MSC_0270	GESTURE2SPEECH : INDIAN SIGN LANGUAGE TO KANNADA SPEECH CONVERTER	M.Sc	DATA SCIENCE	Prof. DEEPALAKSHMI R	Ms. TEJU B Ms. SANJANA D

116. NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1011.	48S_BE_2496	IMPROVING CYBERSECURITY THROUGH MACHINE LEARNING FOR THREAT PREDICTION AND DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHILPASHREE S	Mr. CHIDU S D Mr. PUNITH N Mr. S V SHARATH Mr. CHETHAN R D
1012.	48S_BE_2499	PREDICTING AND EVALUATING THE PERFORMANCE OF EMPLOYEES WITH SUPERVISED ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHILPASHREE S	Mr. SATHYAPRAGNA ML Ms. CHINMAYEE S Mr. PARASHURAMA SINGH Mr. PRAJWAL S
1013.	48S_BE_2713	HEART STROKE PREDECTION USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUDHAKARA REDDY M	Mr. HARISH GOWDA R Ms. DIVYA S Ms. AFSHA SULTHANA Mr. BUSIREDDY MADHUREDDY
1014.	48S_BE_2874	SMARTPARKNOW: REAL-TIME PARKING SPOT FINDER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRASANNA LAKSHMI GS	Mr. TANISH MAHAJAN Ms. SUHANI Ms. SUHANA RUKSAR Mr. ZAHID RASOOL
1015.	48S_BE_2909	AI DRIVEN INCOME TAX FRAUD DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NARENDRA N	Ms. RADHIKA R Ms. ROOPA S MATTUR Ms. SAHANA V IYER Ms. YASHASWINI G E
1016.	48S_BE_2947	LGG AND HGG BRAIN TUMOR CLASSIFICATION USING MASK R-CNN AND U-NET	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NARENDRA.N	Ms. A.NISSI SRUJANA Mr. ANIL KUMAR PASALA Mr. DARSHAN.G.N Mr. DEVA.K
1017.	48S_BE_3007	STUDENT ENGAGEMENT PREDICTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SWATHI S	Ms. PIDUGU RISHITHA Ms. K. DEVIKA Ms. P. LIJITHA
1018.	48S_BE_2212	A SCALABLE FRAMEWORK FOR AUTISM SPECTRUM DISORDER DETECTION IN EARLY CHILDHOOD	B.E.	DATA SCIENCE	Ms. LOLASHI P K	Mr. KRUPAKAR BHIMANENI Ms. NIHARIKA N S Ms. RANIA RAKESH SOLOMON Ms. SUSHMITHA G
1019.	48S_BE_2348	IDENTIFICATION OF IDENTICAL TWINS USING DEEP LEARNING	B.E.	DATA SCIENCE	Mr. LAKSHAMAIAH.L Mr. SUBHAKAR.M	Ms. M.SAI SONY Ms. C.CHINMAYI Mr. D.SAFWAN Mr. N.RAKESH
1020.	48S_BE_2527	ENHANCING MEDICAL TEXTUAL QUESTION ANSWERING WITH DEEP LEARNING FRAMEWORK FOR IMPROVED TEXTUAL COMPREHENSION	B.E.	DATA SCIENCE	Mr. BHARATH M B Dr. PRAVEEN S CHALLAGIDAD	Ms. AISHWARYA S Ms. AFREEN TAJ S Ms. NOORAIN SABA Ms. SABA ANJUM Y
1021.	48S_BE_2583	LLM-BASED AGRICULTURAL ADVISORY SYSTEM	B.E.	DATA SCIENCE	Mrs. JYOTHI V KULKARNI Dr.PRAVEENKUMAR S CHALLAGIDAD	Ms. K DEVISHREE Ms. M NIHARIKA Ms. NAIPUNYA G Ms. POOJA T V
1022.	48S_BE_2832	BONE CANCER DETECTION AND CLASSIFICATION USING DEEP LEARNING	B.E.	DATA SCIENCE	Mrs. SUSHMA BS Mr. SUBHAKAR M	Mr. K.NARSI REDDY Mr. P.JAYAVARDHAN Mr. SATEESH BABU Mr. T.S.PRUTHVI RAJ
1023.	48S_BE_2894	ANTICIPATING HEPATIC DISORDER THROUGH MACHINE LEARNING CLASSIFICATION TECHNIQUES	B.E.	DATA SCIENCE	Mr. BHARATH M B Dr. PRAVEENKUMAR S CHALLAGIDAD	Mr. E SAI MAHENDRA Mr. A CHARAN CHANDU Mr. K SARATH BAYAPA REDDY Mr. M VAMSI
1024.	48S_BE_3320	HIDDEN CAMERA DETECTION USING IR	B.E.	DATA SCIENCE	Prof. SUBHAKAR M	Mr. YS MANOJ KUMAR Mr. RAMANA GOKUL KV Mr. PAVAN KALYAN GM Mr. M LOKESH
1025.	48S_BE_0180	OPTICALLY TRANSPARENT MIMO ANTENNA FOR WIRELESS APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VIVEK SINGH	Ms. SMITHA D Ms. NAYANA B R Ms. BRUNDA M Ms. PRAMUKHYA M M
1026.	48S_BE_0225	ANALYSIS AND INVESTIGATION OF A NOVEL COMPACT METASURFACE ABSORBER WITH WIDE ANGLE STABILITY FOR TRIPLE BAND ATTRIBUTES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VIVEK SINGH	Mr. P.B SUDHANVA NAVANEETH Mr. G.R PRAJWAL Mr. SAIFULLA Mr. PUNEETH P
1027.	48S_BE_0394	DESIGN AND IMPLEMENTATION OF ZRO2 BASED CERAMIC MIMO ANTENNA FOR SMART CITIES IN N257 AND N261 BANDS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AJAY KUMAR DWIVEDI	Ms. MEGHANA H R Ms. CHAITHRA K A Ms. ROHINI N Mr. YASHAS P T
1028.	48S_BE_2341	HEAD MOVEMENT BASED WIRELESS COMMUNICATION WITH SPEECH ALERT FOR PARALYZED PERSON USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MANJULA G HEGDE	Ms. KAVANA R G Ms. J VARSHITHA Ms. LIKHITHA T R Ms. SUFIYA S

1029.	48S_BE_5057	INDUCTIVE CHARGING ROAD NETWORK FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. RANI B A	Ms. GOWTHAMI A Ms. K GNANA PRASOONA Ms. KAVYA G S Ms. MEGHANA V
1030.	48S_BE_0849	DESIGN AND DEVELOPMENT OF AN IOT-ENABLED SMART COW HEALTH MONITORING AND BEHAVIOUR ANALYSIS WEARABLE JACKET	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAMESH M. KAGALKAR	Ms. DIVYA SHREE C Ms. PRAKRUTHI M. Ms. CHAITHANYA C. N. Ms. CHAITRA SHREE S.
1031.	48S_BE_0896	AN IMPROVED MACHINE LEARNING ALGORTHIM FOR PREDICTING BLAST DISEASE IN PADDY CROP	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SURESHA S	Mr. SUHEABULLA KHAN B F Ms. RUCHITHA GANESH Mr. PRASHANTH KUMAR HN Ms. SINDHU P
1032.	48S_BE_1223	IMPLEMENTATION OF THREE TIER ARCHITECTURE APPLICATION USING OPEN SOURCE TOOLS AND TECHNOLOGIES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHRIDHAR G. DOMANAL Dr. SANJEEVAKUMAR M. HATTURE	Ms. SHRI NITHYA M Ms. AKSHATHA S Ms. PRIYA DARSHINI S
1033.	48S_BE_1444	FAKE MEDIA DETECTION BASED ON NATURAL LANGUAGE PROCESSING AND BLOCK CHAIN APPROACHES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUBRAMANYA V.ODEYAR	Ms. RAJESHWARI HB Ms. TEJESHWARI D Ms. POLATHALA MOUNIKA Ms. GANGOTHRI G
1034.	48S_BE_2932	EFFECTIVE MANAGEMENT FOR BLOCK CHAIN BASED AGRI-FOOD SUPPLY CHAINS USING DEEP REINFORCEMENT LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUBRAMANYA V. ODEYAR Dr. RAMESH M. KAGALKAR	Mr. DARSHAN D Mr. PRADEEP V Ms. VARSHA R V Mr. VISHAL H C
1035.	48S_BE_4048	MALWARE AND WEB VULNERABILITY SCANNERS FOR CYBERSAFE INTERNET SURFING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SANJEEVA KUMAR M. HATTURE	Mr. ARYAN VERMA Mr. ATUL KUMAR Mr. ATUL PANDEY Mr. ROHIT KUMAR

117. NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1036.	48S_MBA_0082	DURABILITY AND FEASIBILITY OF STABILIZED MUD BLOCKS, TREATED BAMBOO, AND TERAFIL WATER IN GREEN BUILDING PROJECTS, A FOCUS ON RURAL AREAS OF CHIKKABALLAPURA DISTRICT	M.B.A	M.B.A	Dr. V CHANDRASEKHAR RAO	Ms. AKHILA K S Ms. MANASA R Ms. HARSHITHA N
1037.	48S_MBA_0134	A STUDY ON THE FEASIBILITY AND EFFICIENCY OF GRAVITY-FED DRIP IRRIGATION FOR URBAN VERTICAL FARMING IN BENGALURU	M.B.A	M.B.A	Mr. RAKSHITH GOWDA K M	Ms. RACHANA K Mr. SUSHAS K N Mr. MADHU B C
1038.	48S_MBA_0139	BIO-GAS AS THE FUTURE: INTEGRATING KITCHEN WASTE MANAGEMENT WITH RENWABLE ENERGY SOLUTION IN URBAN AND RURAL KARANTAKA	M.B.A	M.B.A	Ms. TRIVENI N	Mr. VENKATA SRIKANTH Mr. SACHIN KALAKAPPA RAJUR Ms. LAVANYA S Mr. MUTTHANANDA
1039.	48S_MBA_0168	A STUDY ON "HERBAL MOSQUITO REPELLENT SOLUTIONS: A GREEN APPROACH TO PEST MANAGEMENT"	M.B.A	M.B.A	Mrs. KAVITHA C	Ms. SHRAVANI M Ms. ANUSHA. N Mr. CHANDAN. K M
1040.	48S_MBA_0174	CHALLENGES AND OPPURTUNITIES OF BIOMASS PALLETIZATION INFLUENCE AND ITS ECONOMIC VIABILITY IN RURAL AREAS WITH RESPECT TO CHIKKBALLAPURA	M.B.A	M.B.A	Mrs. BINDHU SHREE K	Mr. SHASHANK N Ms. GANGOTHRI MS Ms. YAMUNA M

118. NAGARJUNA DEGREE COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1041.	48S_MBA_0088	ROLE OF LIVESTOCK IN CIRCULAR AGRICULTURAL SYSTEMS: TRANSFORMING WASTE INTO VALUABLE RESOURCES	M.B.A	FINANCE	Dr. VIJAYAKUMAR R S Dr. HARISH BABU S	Ms. Y SHIRISHA Ms. BINDUSHREE K S Ms. CHAITHANYA N Mr. VINAY K T
1042.	48S_MBA_0093	REVOLUTIONIZING WOMEN EMPOWERMENT WITH HYDROPONIC FARMING	M.B.A	FINANCE	Dr. VIJAYAKUMAR R S Dr. HARISH BABU S	Mr. VARUN KUMAR M R Ms. VINUTHA T K Ms. ASHA G S Mr. VINAY S

119. NAVKIS COLLEGE OF ENGINEERING, HASSAN

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1043.	48S_BE_4015	HEART RATE MONITORING AND STRESS DETERMINING BY RPPG USING DEEP LEARNING TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mr. RAGHU NANDAN R Dr. MAHANTESH C ELEMMI	Ms. ANANYA T R
1044.	48S_BE_1379	CROP RECOMMENDER SYSTEM USING MACHINE LEARNING APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VINUTHA M R Ms.MEGHASHREE D P	Ms. REEHA MUSKAN Ms. VIDYASHREE B N Ms. DEEPIKA H G Ms. JAYASHREE K C
1045.	48S_BE_2509	HUMAN ACTIVITY RECOGNITION WITH OPENCV AND DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. YASHASWINI K Dr. MAHANTESH C ELEMMI	Mr. RAHUL B K Mr. CHARANA D V Mr. SURAJ R
1046.	48S_BE_3193	HARVESTIFY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. DIVAKAR TK	Mr. BHAGAVAN SHETTY Mr. AKHIL S SHEKAR Mr. CHALAN NY Mr. HARSHA AC
1047.	48S_BE_3842	AGRICULTURE EQUIPMENT RENTAL MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. DIVYA H T	Mr. KUSHAL SH Mr. MOHAN KUMAR MV Mr. MILAN SS Mr. CHARAN HC
1048.	48S_BE_4816	AUTOMATED CULTIVATION USING HYDROPONICS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRASHANTHA S J	Ms. HALIMA SADIYA AMIR Ms. MADEEHA MEHREEN Ms. SAIMA ZULFA Ms. SYEDA SANIYA
1049.	48S_BE_4261	BRAIN TUMOR CLASSIFICATION USING MRI IMAGES WITH SVM AND CNN CLASSIFIERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DEEPAK H A	Ms. ARPITHA U R Mr. AYUSH S I Mr. PRAJWAL H S

120. NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1050.	48S_BE_0189	AI DRIVEN VIRTUAL LAB GENERATOR FOR SCIENCE LABS USING NLP	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. RAJASREE R S Ms. KAVITHA U	Mr. MOHAMMED FUDAIL Mr. ABHISHEK K
1051.	48S_BE_0206	REVOLUTIONIZING CROP HEALTH: REAL-TIME PLANT DISEASE DIAGNOSIS THROUGH DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. JIMSHA K MATHEW Mrs. BINDU S	Mr. ABHILASH REDDY G M Mr. NITHISH SOMANI
1052.	48S_BE_0615	AN INTEGRATED WEB APP TO SIMULATE A ML/DL-BASED DECISION SUPPORT SYSTEM FOR PRECISION FARMING AND AGRICULTURE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. SYAM DEV R S Prof. SANDYARANI VADLAMUDI	Mr. MOHAMMED AFFAN Mr. NARJIT LEISHANGTHEM Mr. MOHAMMED OWIAS Mr. VARUN CHENGAPPA M M
1053.	48S_BE_0676	E-CONSULT PLUS ENHANCING HEALTHCARE ACCESSIBILITY AND EFFICIENCY TROUGH TELEMEDICINE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SHRAVYA SHETTY Prof. THANU DEEPU GEORGE	Mr. AJAY KRISHNA A Mr. JAYANTH S S
1054.	48S_BE_0858	BHASHABRIDGE : SEAMLESS MULTILINGUAL TRANSLATION FOR INDIAN DIALECTS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. B. MEENAKSHI SUNDARAM	Ms. SREEJITHA R Ms. S REETHIKA PRIYA
1055.	48S_BE_1023	DRIVER FATIGUE DETECTION USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. RAMESH PRASAD R Prof. K S SHASHIKALA	Mr. ANVESH S RAI Mr. BHUVAN PETE L
1056.	48S_BE_1191	ELEVATING LIVER HEALTH CUTTING-EDGE PROGNOSTIC ARCHITECTURES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. AKSHATHA P S Prof. S BINDU	Mr. AMAN JAIN Mr. LOCHAN SINGH D
1057.	48S_BE_1604	ADVANCING UNDERWATER MONITORING AND SECURITY WITH GANS, AI AND ML	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SUPRIYA B RAO Prof. SHRAVYA SHETTY	Ms. MITRANI PAUL Mr. M KOUSHIK Mr. NABIL KHAN
1058.	48S_BE_2651	ENHANCED INTELLIGENT TOLL COLLECTION SYSTEM USING ADVANCED ANPR AND RFID TECHNOLOGY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. RAJASHREE Dr. JIMSHA K MATHEW	Mr. SRAVAN O K Mr. RESHAB VASANTH
1059.	48S_BE_3125	DIABETIC RETINOPATHY USING DEEP LEARNING - INTEGRATION OF CNN AND SVM MODELS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. THANU DEEPU GEORGE Prof. BHAWANA KHOKHAR	Mr. SHOAIB JAVEED Ms. YAMINI K
1060.	48S_MCA_0004	OPTIMAL CROP SELECTION THROUGH IOT AND MACHINE LEARNING INSIGHTS FROM SOIL AND GROUNDWATER DATA	M.C.A.	COMPUTER APPLICATIONS	Dr. B NITHYA RAMESH Dr. ASHA V	Mr. ABHAY ADITYA SINHA Mr. AKSHAY BHARADWAJ S Ms. MONIKA KUMARI Mr. MIRZA HUJAIFA

1061.	48S_MCA_0008	EMPOWERING RURAL DAIRY FARMING: MOBILE APP FOR CATTLE HERDERS	M.C.A.	COMPUTER APPLICATIONS	Dr. N MITHILI DEVI Dr. V. ASHA	Ms. PALLAVI S Ms. NISHI SINGH Ms. POOJA MANWANI Ms. PRATHIKSHA NISHAD
1062.	48S_MCA_0012	DIGITAL ARKETPLACE FOR LOCAL HOMEMADE PRODUCTS WITH AI-DRIVEN MARKETING	M.C.A.	COMPUTER APPLICATIONS	Mrs. DIKSHA DHIMAN Dr. V ASHA	Ms. THANUSHREE CS Mr. SWASTHIK SHETTY Ms. TEJASHWINI VITTHALARADDI MUGANUR Ms. VAISHNAVI NEELAKANTH ANKAD
1063.	48S_MCA_0016	AGRI PACT CONTRACT-BASED FARMING SUPPORT FOR EMPOWERING FARMERS WITH TOOLS AND LOANS	M.C.A.	COMPUTER APPLICATIONS	Prof. S. P. SREEJA Dr. V ASHA	Mr. DURGA PRASAD R C Mr. GIRISH R Ms. GAYATHRI K Ms. DIVYASHREE N R
1064.	48S_MCA_0024	FARM SECURITY AND ANIMAL ENTRY DETECTION IN RURAL AREAS USING IOT AND ML-POWERED ANGULAR OBSTACLE DETECTION	M.C.A.	COMPUTER APPLICATIONS	Prof. PRIYA THOMAS Dr. V ASHA	Mr. YASHAS M E Mr. YASHWANTH KUMAR M Mr. YASHWANTH MB
1065.	48S_MCA_0053	FARM-TO-MARKET DIGITAL BRIDGE	M.C.A.	COMPUTER APPLICATIONS	Prof. GOVINDARAJ M Dr. V ASHA	Mr. H JAYANTH Ms. HARSHITHA D G Ms. HARSHITHA V PATIL Ms. JAYASHRI H V
1066.	48S_MCA_0055	UNLOCKING LIVELYHOOD POTENTIAL FOR RURAL WOMEN THROUGH VOCATIONAL SKILLS	M.C.A.	COMPUTER APPLICATIONS	Prof. GOVINDARAJ M Dr. V ASHA	Mr. IBRAHIM PASHA J Mr. K T DINESHA Mr. KAPOPARA HARSH MAHESHBHAI Ms. K VINISHA
1067.	48S_BE_4733	INDI-TRANSLATE: INNOVATIVE TRANSLATION PLATFORM FOR MULTILINGUAL INDIA	B.E.	COMPUTER ENGINEERING	Dr. HIMARAYA PATIL	Mr. GANESH G Mr. ADARSH H P REDDY Mr. ANAND P K Mr. DINESH KUMAR S
1068.	48S_BE_5167	IMPROVING DOCTOR-PATIENT COMMUNICATION AND APPOINTMENT SCHEDULING IN HEALTHCARE THROUGH AI BASED SOLUTIONS	B.E.	COMPUTER ENGINEERING	Dr. BHIMARAYA PATIL	Mr. YELAM ETHI SAI SREEVATHSAV Mr. DHANUSH V
1069.	48S_BE_6327	AI BASED GAMING ENGINE USING META CHARACTERS	B.E.	COMPUTER ENGINEERING	Ms. ROJA R Dr. MOHAN DAS	Mr. ABHIPRIYO KABI Mr. HARDIK SRIVASTAVA
1070.	48S_BE_0203	IMPLEMENTATION OF IOT-BASED SMART IRRIGATION SYSTEM FOR CLIMATE RESILIENT FARMING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. THANGA SUBHA DEVI M	Mr. BHANU DUSHYANTH Mr. YEDDULA MAHENDRA REDDY
1071.	48S_BE_0297	EDUQUIZ: INTELLIGENT AUTOMATION FOR QUIZ CREATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. LAVANYA C Dr. R.J.ANANDHI	Mr. DHANUSH V Mr. DINAKAR
1072.	48S_BE_0823	WEARABLE DEVICE - STRESS AND HEALTH MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. NIRMALA M	Mr. V.LOKESH KUMAR Mr. T . SHARATH CHANDRA REDDY
1073.	48S_MTECH_0004	A FUSION OF CNN AND CUCKOO SEARCH OPTIMIZATION FOR ENHANCED ALZHEIMERS DISEASES PREDICTION	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. D. ROJA RAMANI	Ms. LAKSHMI Mr. CHANDRESH M
1074.	48S_BE_1085	EDUCATION LOVE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SENTHIL ANANDHI	Ms. YARRAGUNTA UNNATHI Mr. VELUVOLU KALYAN RAM
1075.	48S_BE_1641	REBUILDING LIFE - THE PROMISE OF RE-GENRATIVE THERAPIES SYSTEM IN HEALTHCARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. CHEMPAVATHY .B Ms. BIBANA JENNIFER	Mr. DASARI TEJA Mr. CHADAMURI PAVAN KUMAR REDDY Mr. DARA HARSHAVARDHAN Mr.GOWRIPRANAYREDDY
1076.	48S_BE_2016	AR- BASED REAL TIME LANGUAGE TRANSLATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. YOGITA	Mr. V RAHUL Mr. MOHAMMED AYMAN
1077.	48S_BE_2041	INTELLIGENT INTRAVENOUS DRIP MONITORING SYSTEM: ENHANCING ACCURACY AND REAL-TIME FEEDBACK IN HEALTHCARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. PARISMITA GOSWAMI	Mr. MANISH N Ms. MIZBAH R
1078.	48S_BE_2138	BLOCKCHAIN-BASED VOTING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. GELUVARAJ B Dr.UMAMAHESHWARAN	Ms. MALVIKA RAJEEV KAPPADAN Mr. NIRMAL NARAYAN K

1079.	48S_BE_2273	UBER AMBULANCE NEXT GENERATION SMART EMERGENCY RESPONSE PLATFORM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. M DHANALAKSHMI Dr. ARAVINDA K	Mr. CHARANDEEP K Mr. B GURU SAI NATH
1080.	48S_BE_2522	HEALER'S BLEND : INTEGRATING TECHNOLOGY WITH ALLOPATHY, AYURVEDA AND HOMEOPATHY FOR A UNIFIED MEDICAL APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. CHITRA C Ms. KAVITHA CH	Ms. KOWTA SRIKARI Ms. KHUSHI PATIL Ms. VAISHNAVI D Ms. VAISHNAVI JB
1081.	48S_BE_2654	SKILLQUEST: GAMIFIED LEARNING WITH TIME CHALLENGES AND STRATEGIC HINTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. BHASKAR S V	Mr. MANAS M Mr. MOHAMMAD MURTUZA HUSSAIN
1082.	48S_BE_3149	TEACH CONNECT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. CHEMPAVATHY B Mrs. ARCHANA DAS	Ms. MIRIYAM KETHANA CHOWDARY Mr. MV MAHIDHAR REDDY
1083.	48S_BE_3486	BHAASHA VAHINI: A BRIDGE FROM SIGN LANGUAGE TO REGIONAL LANGUAGES.	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs.CHEMPAVATHY B	Mr. ROHIT KARMAKAR Mr. SIDHU I S
1084.	48S_BE_3656	PUBLIC TRANSPORT MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. VERNIKA SINGH Dr. SONIA MARIA D'SOUZA	Mr. PRAJWAL S Mr. PAVANAKUMAR KASHINATH SAJJAN
1085.	48S_BE_3728	SHAHARE SHAYAK: REVOLUTIONIZING URBAN SERVICE PROVIDER HIRING WITH A CROSS-PLATFORM SOLUTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. D. ROJA RAMANI Dr. RAJLAKSHMI GHATKAMBLE	Mr. SWAPNIL DATTA Mr. SHREYAS P KUPPASAD Ms. MITALI TRIVEDI Ms. SPOORTHI SHREE CM
1086.	48S_BE_4148	EXAMGUARD: AI-POWERED DIGITAL IDENTITY AUTHENTICATION FOR REMOTE EXAMINATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. NAYANA N KUMAR	Ms. C GITHAMRUTHA VARSHINI Ms. BHUMIKA P M
1087.	48S_BE_4149	OPTIMIZING BLOOD DONATION NETWORKS WITH LIFE-FLOW	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VERNIKA SINGH	Mr. RACHAN P Mr. SOMASHEKAR N
1088.	48S_BE_0742	THERAPEUTIC TREADMILL AND FOOT PEDAL FOR PHYSICALLY CHALLENGED CHILDREN	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Mr. SUPRITH U Mr. P VAMSHI KRISHNA Ms. S KAVYA Ms. SYEDA MEHAK FATHIMA
1089.	48S_BE_0920	RESCUE ROVER: ALL-TERRAIN EMERGENCY RESPONSE AND EXPLORATION VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S SUJITHA	Mr. M JEEVAN Mr. KARTHIK R
1090.	48S_BE_0982	DISTRIBUTOR CONTROL ALGORITHM FOR SWARM ROBOTICS IN DYNAMIC ENVIRONMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Ms. MEGHANA.PV Mr. MITHUN.S
1091.	48S_BE_1603	CIRCULAR MOBILITY: SELF-REGENERATING TIRES FOR SUSTAINABLE ELECTRIC TRANSPORTATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. B. GUNAPRIYA	Ms. KRUTHIKA D C Ms. K RAJINI Mr. SAGAR Mr. DHANANJAY
1092.	48S_BE_0633	SMART EARTHQUAKE DETECTION WITH ESP32 AND MPU6050: REAL -TIME MONITORING AND EMAIL ALERTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. HAMSALEKHA R Ms. RAMYASHREE P M	Mr. SUKESH R Mr. V SHREYAS REDDY
1093.	48S_BE_1623	RAPID SENSING MECHANISM TO DETECT CHEMICALS TO PREVENT DRUGGING CRIME	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms.HAMSALEKHA R Dr. D ROJA RAMANI	Mr. MAHESH V CHOLIN Mr. NAGARAJU N K
1094.	48S_BE_2056	PROACTIVE VEHICLE SAFTEY AND CONTROL SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. MAHENDRA S NAIK	Mr. NIKHIL H L Mr. MANOJ GR
1095.	48S_BE_3214	AUTOMATIC UPPER DIPPER HEADLIGHT FOR VEHICLE IN RURAL AREA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.GURULAKSHMI A B Dr. RAJESH G	Mr. VAIBHAV R NAIK Mr. VIKRAM KAROOR Mr. KISHORE KUMAR A Mr. K MURALI
1096.	48S_BE_3543	AUTONOMOUS AI TRACTORS: OPTIMIZING HARVEST PROCESSES FOR SUSTAINABLE AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. SHIKHA RAI A	Mr. DINESH K Mr. DRUVA P
1097.	48S_BE_3770	DEMONSTRATING HYDROGEN FUEL CELL TECHNOLOGY FOR EDUCATIONAL PURPOSES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. BHAWNA KHOKHER Dr. MAUSRI BHUYAN	Mr. KARTHIK SATISH PATIL Mr. VISHAL UDGIRE Mr. THEJAS C Mr. SANTOSH KUMAR
1098.	48S_BE_4455	LINGOCONNECT: REAL TIME SPEECH TRANSLATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. RAMANAMMA PAREPALLI Ms. THANU KURIAN	Mr. VISWANATH KOLLI Mr. SELVAMOURIYAN D

1099.	48S_BE_5597	ANATOMY 3D-GUIDED RECOGNITION OF SKULL TYPES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SHASIKIRAN S	Mr. ANJAN REDDY Mr. C G PRASANTH REDDY
1100.	48S_BE_5667	DESIGN OF WASTE SEGREGATION DETECTOR USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. VINAY R	Ms. C YASHVITHA Ms. BHOOMIKA S
1101.	48S_MBA_0054	LOW-COST GRAVITY-BASED DRIP IRRIGATION SYSTEM AND EFFICIENT WATER USE TECHNIQUE	M.B.A	FINANCE	Prof. MADHURAJ CA	Mr. DHANUSH D K Ms. SHILPA B Mr. MADHAN KUMAR H Mr. NAVILASH R
1102.	48S_BE_1686	FOGGUARD - SAFE NAVIGATION FOR LOW VISION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. BIBIANA JENIFER J Ms. SHRUTHI G R	Mr. SAI SUMUKH G S Mr. SHREYAS JAKKULA
1103.	48S_BE_1802	WEAPON DETECTION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHALINI A Mrs. SHRUTHI G R	Mr. SATYA CHARAN V Mr. KHYRUL MATEEN KHAN
1104.	48S_BE_3202	SMARTNAV: INTELLIGENT NAVIGATION AID FOR THE VISUALLY IMPAIRED	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PARVATHY S Dr. A. B. GURULAKSHMI	Mr. ADITYA SACHIN SAWANT Mr. ISHAN SANJEEV PAUL WILLIAM Mr. RAMAKRISHNA U Mr. RISHAB SWAROOP
1105.	48S_BE_3624	ECO-POWER MONITOR	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHRUTHI G R Prof. A S ANITHA NAIR	Ms. NIKITHA R Mr. NEELAM TUSSHAR Ms. SHRAVANI S Ms. SPOORTHI R
1106.	48S_BE_4094	VITALCARE: IMPLEMENTATION OF PERSONALIZED HEALTH MONITORING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ARVIND SHIVAPPA KAPSE	Mr. HARSHITH REDDY M Mr. CHANDAN GOWDA Mr. ADITYA KUMAR Mr. ARPIT ANAND
1107.	48S_BE_4608	HOSA YUGADA RAITA -NEW AGE FARMER -SMART AND SUSTAINABLE FARMING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHUBHI SRIVASTAVA	Mr. YASHWANTH L Mr. YASHWANTH M
1108.	48S_BE_1611	VISION ASSIST	B.E.	INTERDISCIPLINARY	Dr. SANJEEV SHARMA Mrs. KARTHIYAYINI	Ms. TIBA SIDRA Mr. RAKSHIT D Ms. ZEBA SYED FAROOQ Ms. SIRISHA P
1109.	48S_MBA_0030	DEVELOPMENT OF A LOW-COST SENSOR AND DEEP LEARNING BASED SYSTEM FOR PRECISION PESTICIDE SPRAYING WITH CONTROLLED AND UNIFORM DISTRIBUTION	M.B.A	M.B.A	Mrs. ANKITA NATHUJI JEEWANKAR Mr. SHIVASHISH GOUR	Ms. SHIREESHMA T Mr. GOVARDHAN H G Mr. SIDDU MURUDI Mr. RITHEESH
1110.	48S_MBA_0032	FABRICATION OF COMMERCIAL-PURPOSE AUTOMATED DOSA-MAKING EQUIPMENT USING AI	M.B.A	M.B.A	Dr. PRIYAMEET KAUR KEER Dr. ROSE KAVITHA	Mr. KARTEEK KRISHNAJI KULKARNI Ms. DEEPTHI P R Mr. TOSHITH ASHWIN T Mr. GURURAJ NAYAK
1111.	48S_MBA_0057	SHGCONNECT: A MOBILE APP TO EMPOWER SELF-HELP GROUPS FOR LIVELIHOOD ENHANCEMENT	M.B.A	M.B.A	Mr. SHIVASHISH GOUR	Mr. VINAY GOWDA M Mr. MANJUNATH K Mr. UDAY H P Mr. VISHAL D V
1112.	48S_MBA_0073	IOT-BASED SMART WATER CONSERVATION SYSTEM FOR HOUSEHOLDS	M.B.A	M.B.A	Prof. AISWARYA D PILLAI Dr. ROSE KAVITHA	Ms. SNEHA R Ms. SONALIKA M R Mr. SUNIL BHAT Mr. ANISH N
1113.	48S_MBA_0084	DIGITAL LITERACY FOR RURAL ENTREPRENEURS PROMOTING FINANCIAL AND BUSINESS SKILLS	M.B.A	M.B.A	Dr. ROSE KAVITHA Prof. RAJAT B HUBBALLI	Ms. PRATHIKSHA A Ms. SANJANA H P Ms. ANUSHA C L

121. NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1114.	48S_BE_0484	AERODYNAMIC ANALYSIS AND DEVELOPMENT OF A TRAILING-EDGE MORPHING WING FOR WIND TURBINES	B.E.	AERONAUTICAL ENGINEERING	Mr.SIDDALINGAPPA P K	Ms. SRUSHTI SHASHIKANTH JOSHI Ms. REHAMATH M
1115.	48S_BE_2233	DESIGN, ANALYSIS & WEIGHT OPTIMIZATION OF HYDROGEN FUEL CELL FOR LONG ENDURANCE UAV	B.E.	AERONAUTICAL ENGINEERING	Prof. FAREEN NIZAMI Prof.MALLAPPA JABADE	Mr. UJWAL S KALAL Mr. NAVEEN K N Mr. PRATEEK M H
1116.	48S_BE_2240	DESIGN AND ANALYSIS OF DRONE SHROUD FOR PROPELLER NOISE REDUCTION	B.E.	AERONAUTICAL ENGINEERING	Dr.VENUGOPAL M.M Mr. ABHISHEK T.K	Mr. JAYANTH GOWDA B.V Mr. B R GAURAV RAJU Mr. JEEVAN KUMAR S N

1117.	48S_BE_3815	DESIGNING AND AERODYNAMIC INVESTIGATION OF HYPERSONIC INLET INSPIRED BY PRAWN ROSTRUM ARCHITECTURE	B.E.	AERONAUTICAL ENGINEERING	Dr. JINI RAJ R	Mr. DHARIGOUDA S PATIL Ms. BHAGYASHREE PARASHARAM BALEKUNDRI Ms. SANSKRUTI S CHINCHEWADI
1118.	48S_BE_4860	ENHANCING AERODYNAMIC PERFORMANCE AND EFFICIENCY OF HAWT BLADES BY SURFACE AND DEFLECTION ANGLE MODIFICATION	B.E.	AERONAUTICAL ENGINEERING	Dr.SIDDALINGAPPA P K	Mr. A R KEVEN Mr. AMAN AHMED
1119.	48S_BE_5180	DESIGN OF A HYBRID VERTICAL AXIS WIND TURBINE (HVAWT) FEATURING LEADING-EDGE TUBERCLE BLADES FOR POWER GENERATION ON NATIONAL HIGHWAYS	B.E.	AERONAUTICAL ENGINEERING	Mr. DEEPAK KUMAR. P Dr. JINI RAJ R	Mr. K. G. SUDHARSAN BABU Ms. ANUSHA M. A.
1120.	48S_BE_6489	DEVELOPMENT OF PORTABLE HELICAL SAVONIOUS-DARRIEUS WIND TURBINE FOR URBAN AREAS	B.E.	AERONAUTICAL ENGINEERING	Mr. DEEPAK KUMAR P Dr. JINI RA	Ms. MOUNIKA C R Ms. ANANYA T R
1121.	48S_BE_2559	AUTOMATED DETETCTION AND CLASSIFICATION OF RETINAL DISEASES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. ZABIHA KHAN	Mr. JUNAID AHMED Mr. MOHAMMED HAROON Mr. SAMIQ SHAREEF Ms. SHRAVYA
1122.	48S_BE_4594	OPTIMIZING NON-REVENUE WATER DISTRIBUTION NETWORK USING DATA-DRIVEN APPROACH FOR WATER LOSS REDUCTION	B.E.	CIVIL ENGINEERING	Mrs. MRINAL B	Ms. DHANYASHRI B M Ms. NISARGA M N Mr. DARSHAN S Mr. SHRINIVAS ARALIKATTI
1123.	48S_BE_5923	EFFECT OF ORGANIC LOADING RATES ON THE PERFORMANCE OF INTEGRATED FIXED FILM ACTIVATED SLUDGE PROCESS FOR WASTEWATER TREATMENT - TECHNICAL AND ECONOMICAL FEASIBILITY	B.E.	CIVIL ENGINEERING	Dr. MEGHA KULKARNI Dr. VINOD B R	Mr. ABHISHEK S H Mr. JAGADEEP A Mr. GANESH PATIL Mr. VARUN SAGAR M S
1124.	48S_BE_6319	INFLUENCE OF NANO-SILICA AND REDUCED GRAPHENE OXIDE ON EFFLORESCENCE BEHAVIOUR OF LOW CALCIUM ALKALI-ACTIVATED MATERIALS	B.E.	CIVIL ENGINEERING	Dr. MAHESH KUMAR C.L Mrs. SHWETHA K G	Ms. HRUSHITHARANI A V Ms. SINCHANA P Ms. SINCHANA R Mr. HANAMANTAPPA WADDAR
1125.	48S_MCA_0037	AN AI-DRIVEN SYSTEM FOR PREDICTING AND PREVENTING ROAD ACCIDENTS USING AUTOMATED TECHNIQUES	M.C.A.	COMPUTER APPLICATIONS	Dr. DILEEP M R Dr. SATHISH P	Mr. T SANTHOSH KUMAR Mr. SHREYAS N Mr. PREET KUMAR GUPTA Ms. PRIYA K J
1126.	48S_MCA_0038	SUSTAINABLE WASTE MANAGEMENT APP: ENHANCING COMMUNITY COORDINATION FOR EFFICIENT GARBAGE DISPOSAL	M.C.A.	COMPUTER APPLICATIONS	Dr. SATHISH P Dr. DILEEP M R	Mr. INDUDHAR RV Mr. RAHUL SK Mr. JYOTHISH Mr. GANESH SUBRAMANYA
1127.	48S_MCA_0063	AUTO TRACKING TECHNIQUE IN PATIENT CARE MANAGEMENT FOR MEDICINE PRESCRIPTION - MEDITRACK	M.C.A.	COMPUTER APPLICATIONS	Mr. VIDYA SAGAR S D Dr. DILEEP M R	Mr. SIDDAPPA FAKKIRAPPA KURABAR Mr. SANDEEP ANGADI Mr. HARSHITH TM Mr. PAVAN D KULKARNI
1128.	48S_BE_0745	LOW-COST AI-POWERED AUTONOMOUS VEHICLE FOR SELF-DRIVING AND INDOOR WAREHOUSE DELIVERIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VIJAYA SHETTY S	Mr. VINAYAK R KRISHNAN Mr. SUDESH GADI Mr. ABHIJITH KA Mr. SIDDHARTH S EDAVI
1129.	48S_BE_3115	LIFECONNECT : SMARTER HEALTH, BETTER CARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. MAMATHA BAI B G	Ms. ANUSHREE L Mr. DARSHAN R M Mr. AMOGHA K Ms. ACHARYA STHUTHI JAGDISH
1130.	48S_BE_5267	WEED DECTION USING MACHINE LEARNING & IMAGE PROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. BHOOMIKA S S	Mr. AKSHAY KUMAR V Ms. HARSHITHA TV Mr. KARTHIK UMESH AMBIG Mr. KUBER REDDY
1131.	48S_BE_1350	SAR-OPTIMIZED MICROARRAY FOR 5G: ENSURING HUMAN SAFETY IN CLOSE PROXIMITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.HARSHAVARDHANA M N	Mr. YOGEESH S G Mr. MANU ASHOK HEGDE Mr. SHIVAKUMARA G A
1132.	48S_BE_2032	ONLINE PAYMENT FRAUD DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRAJNA K. B.	Mr. ADITYA CHUG Ms. RUCHI YADAV Mr. SHREYAS SOMANCHE
1133.	48S_BE_2039	AUTONOMOUS HOLONOMIC MOBILE ROBOT FOR INDOOR APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANUPAMA SINDGI Prof.PRASHANT H N	Mr. TARUN SRIDHAR Mr. PRUTHVI D
1134.	48S_BE_2061	INNOVATIVE DRONE FOR CLEANING SOLAR PANELS AND HIGHRISE BUILDINGS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MURTHY. M	Mr. MOHIT MOHAN Mr. VENU V MUTHYALA Ms. CHAYA.R

1135.	48S_BE_3129	DESIGN OF TRIBOELECTRIC NANOGENERATOR AS ENERGY SOURCES FOR BIOMEDICAL APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VINAY KUMAR R	Ms. H. MEGHANA KASHYAP Mr. G. THARAK CHOWDARY Ms. K. MONALISA
1136.	48S_BE_3853	DESIGN AND IMPLEMENTATION OF ANOMALY DETECTION ALGORITHMS FOR INDUSTRIAL IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SMITHA G PRABHU	Ms. NISARGA S GOWDA Ms. ANKITA R TOGALERI
1137.	48S_BE_4456	TRAFFIC DETECTION AND TRAFFIC VIOLATION DETECTION USING DEEP LEARNING METHODS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJULA B M	Mr. ROHAN V RACHOTI Mr. SHYAM KUMAR P Ms. SIRI K S
1138.	48S_BE_4674	DESIGN OF A COMPACT ULTRA-WIDEBAND MIMO ANTENNA FOR 6G COMMUNICATIONS USING METAMATERIALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRASANNA PAGA	Mr. SIDDU NYAMAGOUD Mr. SHASHANK G. U. Mr. PREM T. V.
1139.	48S_BE_4678	HANDCRAFTED APPROACHES FOR CONTACTLESS 3D HUMAN BIOMETRIC IMAGE RECONSTRUCTION FOR SECURED IDENTIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. G DIVYA Dr. MAMATHA GIRISH	Ms. MEDHA K M Mr. MAHESH NAIK L Mr. MANOJ R
1140.	48S_BE_5176	DESIGN OF LOW FREQUENCY COMPACT ULTRA WIDEBAND ANTENNA FOR GPR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRASANNA PAGA	Mr. SUMEET SURESH PATIL Mr. T SHIVARAJ Mr. DARSHAN
1141.	48S_BE_5291	SENTIMENT CLASSIFICATION FOR IDENTIFYING CYBERBULLYING AND MENTAL HEALTH INDICATORS ON INSTAGRAM USING MACHINE LEARNING AND NLP	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAMACHANDRA A C	Ms. NEEHARIKA MADHU SOODAN Ms. KIRTHI PRABHAKAR
1142.	48S_BE_5587	DEVELOPMENT OF AUTONOMOUS / TELEOPERATED ROVER DESIGN FOR EXPLORATION IN SIMULATED EXTRA-TERRESTRIAL ENVIRONMENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUGANYA ESWARAN	Mr. SREEVARSH WILLIAM J Mr. MAYUR A Mr. RAJ PRATAP VIDYARTI
1143.	48S_BE_6445	LIQUID NEURAL NETWORKS FOR AUTONOMOUS DRIVING: A FRAMEWORK FOR INTELLIGENT DECISION-MAKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs.HARSHITH A GM Dr. L. HARISH KUMAR	Mr. VISMAYA DEVASHYA Mr. SAMAN MALLIKARJUN M Ms. YASHASWINI SURESH
1144.	48S_BE_4218	MOLECULAR BREAST SUBTYPE CLASSIFICATION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ARCHANA MATHUR	Mr. VINAYAK SHUKLA Ms. KAARTHIKA Mr. KUNAL KISHOR Mr. PIYUSH NARAYAN
1145.	48S_BE_5781	AI DRIVEN DETECTION OF DIABETIC RETINOPATHY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRESILLA R	Mr. RAMEEZ SHAFAT WANI Mr. RAHUL GANESH ACHARYA
1146.	48S_BE_6264	PREDICTION OF STUNTING AND WASTING USING DEEP LEARNING MODEL	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIDYADEVI BIRADAR	Ms. SAMISHA Mr. ABHISHEK KUMAR RAVI Mr. UTKARSH PRAKASH Ms. THARINI S
1147.	48S_MBA_0141	THE STUDY ON THE ROLE OF ARTIFICIAL INTELLIGENCE IN AGRICULTURE GROWTH AND SUSTAINABILITY	M.B.A	M.B.A	Dr. SHAILAJA ANILKUMAR AKKUR Dr. RASHMI MJ	Mr. LOKESH KUMAR K Ms. KAVYASHREE P Ms. DIVYA V
1148.	48S_MBA_0150	FOOD WASTE MANAGEMENT	M.B.A	M.B.A	Dr. RAGHU G	Mr. BASAVARAJ IRANTAYYA SWAMI
1149.	48S_MBA_0170	STRATEGIC IMPLEMENTATION OF TREE TRANSPLANTATION FOR URBAN BIODIVERSITY CONSERVATION	M.B.A	M.B.A	Dr. KEERTHI H K Dr. LAKSHMI H	Ms. YOGALAKSHMI M G Ms. NAINA REDDY Mr. MANOJ M
1150.	48S_MBA_0188	DIGITAL PLATFORMS FOR RURAL EDUCATION: TRANSFORMING VILLAGES IN NORTH KARNATAKA	M.B.A	M.B.A	Dr.DHARMANANDA M Dr. HARISHA B S	Mr. GOPINEEDI LALITH KUMAR Ms. INCHARA B S
1151.	48S_BE_4755	DEVELOPMENT OF A SCALABLE DRONE STORAGE SOLUTION	B.E.	MECHANICAL ENGINEERING	Dr. HARISH KUMAR L	Mr. R S SUBRAMANYA Mr. MAHESH S Mr. RAVINDRA KUMAWAT

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1152.	48S_BE_3404	CHILD FINDER: A DEEP LEARNING APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SAKEENA	Mr. OBALESHA B Mr. P A BILAL Mr. RIZA RIYAS ABDUL KHADER Ms. VARSHA M

1153.	48S_BE_3567	DECENTRALIZED VOTING SYSTEM WITH MULTIMODAL BIOMETRIC APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ANKITHA BEKAL	Mr. KIRAN G Mr. DEEKSHITH Mr. DEEPAK G RAI Mr. KRITHIK
1154.	48S_BE_3824	ROBOMIGO: CAMPUS NAVIGATION AND INFORMATION ASSISTANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.JALALUDDEEN Dr.MOHAMMED HAFEEZ M K	Mr. MOHAMMED AHRAZ Mr. MUHAMMAD ANWAR A K Mr. MUHAMMAD MUHSIN SHAREEF P L Mr. MOHAMMED SHAFEEQUE
1155.	48S_BE_4566	ENHANCING EDUCATIONAL OUTCOMES FOR DEAF STUDENTS THROUGH A REGRESSION-BASED PARTICLE SWARM OPTIMIZATION (RBPSO) MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SALEEM MALIK S	Mr. MOHAMMED ATHIF FAROOQUE Mr. AMAN MOOSA Mr. MOHAMMED SHAMIL MANSOOR Mr. MUHAMMED ANAS K.P.
1156.	48S_BE_5849	AI BASED VULNERABILITY SCANNER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. THAMEEZA Dr. SHAMNA NV	Mr. ZAINUL ABIDEEN MA Mr. MOHAMMED EFAJ Mr. MOHAMMED SUHAIB Mr. MOHAMMED ZAHID AM
1157.	48S_BE_0006	DESIGN, FABRICATION AND TESTING OF SOLAR BASED MULTIPURPOSE AGRICULTURAL MACHINE	B.E.	MECHANICAL ENGINEERING	Dr.MAHAMMAD SALMAN WARIMANI	Mr. SAHIL FARDEEN M Mr. MOHAMMED SULFIQAR Mr. MUHAMMED MUSALLAM JK Mr. SHAHEEM ABDULLA

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1158.	48S_BE_4620	VERTICAL FLOW CONSTRUCTION OF WETLAND FOR DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	Prof.RAMESHWARI PATIL Dr. SRINIVAS KUSHTAGI	Ms. PRATEEKSHA Mr. CHETANKUMAR Mr. ADNAN AWAIS Mr. ABHISHEK.P
1159.	48S_BE_6414	SPEECH RECOGNITION AND SEMANTIC ANALYSIS POWERED SMART FACILITATOR FOR IT INDUSTRY - SPECTRUM AI	B.E.	COMPUTER AIDED DESIGN OF STRUCTURES	Dr. JAYASHREE AGARKHED Prof. SMT. JAYANTI.K	Ms. BHAVYA SHERIKAR Ms. SRUSHTI BILURKAR Ms. VARSHARANI SONNAD
1160.	48S_BE_5754	RAILROAD ANOMALOUS ACTIVITY DETECTION TECHNIQUE BASED ON AI AND IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHAILAJA S Dr. SAYYADA FAHMEEDA SULTANA	Mr. BASAVAPRASAD R N Mr. KAILASH K B Mr. DARSHAN DESAI
1161.	48S_BE_5820	A NON-INVASIVE APPROACH FOR DETECTION OF BLOOD GROUP USING FINGERPRINT ANALYSIS BY ADOPTING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANURADHA T Dr. SAYYADA FAHMEEDA	Mr. SUPREET P BHADRASHETTY Mr. VISHWA Mr. SUNIL KARAJOL
1162.	48S_BE_5903	DETECTION OF AUTISM SPECTRUM DISORDER (ASD) AND ATTENTION DEFICIT HYPERACTIVITY DISORDER USING DEEP LEARNING APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANURADHA T Dr. RADHA B.K	Mr. SYED IMTIYAZ Mr. VENKATESH L KULKARNI Mr. YASSER HUSSAIN
1163.	48S_BE_6095	CARE-CRYPT : REVOLUTIONIZING PATIENT'S PERSONAL DATA BY USING BLOCKCHAIN TECHNOLOGY TO IMPROVE INTEGRITY AND SECURITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. JAYANTIK Dr.JAYASHREEA GARKHED	Mr. NIDHISH Mr. AKHILESH Mr. MANOJKUMAR
1164.	48S_BE_6215	INTRACRANIAL HEMORRHAGE DETECTION IN 3D CT SCAN IMAGES USING CNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUVARNA NANDYAL	Ms. OMSHREE Ms. AMBIKA Ms. SANJANA
1165.	48S_BE_6386	INVENTOVISION - ERM BASED INVENTORY TRACKING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.AMARESHWARI PATIL Dr. SOUMYA ANAKAL	Mr. GAGAN MULKERI Mr. NAGESH S H Mr. ANIRUDH KULKARNI
1166.	48S_BE_5780	SMART RECYCLING ATM WITH RFID BASED REWARD SYSTEM FOR ENVIRONMENTAL SUSTAINABILITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAVINDRA KANTA	Mr. MOHAMMAD OWAIS Mr. ABHISHEK SHIVAKUMAR Mr. MD OWAIS HUSSAIN Mr. MOHAMMED YOUSUF MOIN
1167.	48S_BE_5957	SWARM ROBOTICS FOR INDIAN AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GANESH MANASALI	Ms. VAISHNAVI THAKUR Ms. VANISHREE Ms. SNEHA UKKALI Ms. TANAYA BIRADAR
1168.	48S_BE_6177	IOT BASED ELECTRICAL VEHICLE BATTERY MANAGEMENT SYSTEM WITH CHARGE MONITOR AND FIRE PROTECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RENUKA HATTI	Mr. SHARANABASAPPA PATIL Mr. SHARANABASAVA R G Mr. SHARANABASAVA R K Mr. SHIVAKUMAR

1169.	48S_BE_6207	FOOTSTEP POWER GENERATION USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Prof. SHANTLING PATIL	Ms. RAKSHITA Ms. PREETI SUTAR Ms. SHREELATA S BIRADAR Ms. ZEBA SULTANA
1170.	48S_BE_6442	SMART ECG ANALYSIS AND HEART CONDITION DETECTION USING AI	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. GANGADHAR S. BIRADAR	Mr. ANKIT Mr. CHANDRASHEKHAR Mr. BHIMASHANKAR Mr. MAHADEVAPPA
1171.	48S_BE_6203	QUANTAONE - A MEDICAL ROVER FOR VITAL MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. MUKUND HARWALKAR Dr. UDAY S. BALAGAR	Ms. AWANTIKA P. INAMDAR Ms. GAYATRI HAJERI Ms. SWATI HAJERI
1172.	48S_BE_3747	SMART ROBOTIC ROAD DIVIDER SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. M C NAVINDGI	Mr. R V KUNJ Mr. NITISH Mr. SHARANAPPA Mr. VISHNUTEERTH
1173.	48S_BE_4025	SMART PESTICIDE SPRAYER ROBOT	B.E.	MECHANICAL ENGINEERING	Prof. SANKET KALSHETTY	Mr. MOHAMMED ANAS RASHID Mr. MD IFZAL AHMED ATTAR Mr. MOHAMMED ASAD TANVEER Mr. MOHD AFFAN
1174.	48S_BE_4453	REGENARATIVE BREAKING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. SHIVKUMAR BILGUNDI	Mr. KARUNASAGAR Mr. NIKHIL PAWAR Mr. SOMANATH Mr. SAGAR
1175.	48S_BE_4722	AGRICULTURE SEEDING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. BHARAT S. KODLI	Mr. TALHA EHTESHAM CHOUDHRY Mr. MOHAMMED NASIR HUSSAIN Mr. MOHAMMED TALHA
1176.	48S_BE_6101	360 DEGREE ROTATION FIRE PROTECTION SYSTEM	B.E.	MECHANICAL ENGINEERING	Prof. SHUBHAM S CHINCHOLI	Mr. SHOYEB Mr. ABDUL RAHEMAN Mr. SHAIK HAMID Mr. MOHD KAIF ALI
1177.	48S_BE_6181	AUTOMATED SUN TRACKING FOR MAXIMUM SOLAR HARVESTING	B.E.	MECHANICAL ENGINEERING	Dr. ARUN KUMAR B JEERGI Mr. SANKET KALSHETTY	Mr. MUJATAB GHUFRAN SIDDIQUI Mr. MD GULAM MOINUDDIN Mr. MOHAMMED FURKHAN Mr. MUDDASIR AHMED
1178.	48S_BE_6292	AUTOMATIC WEED KILLING ROBOT FOR AGRICULTURAL PURPOSES	B.E.	MECHANICAL ENGINEERING	Prof. VIDYADHAR G. BIRADAR	Mr. MOHAMMED ABUZAR Mr. ARUNKUMAR Mr. ABHISHEK M KANTI Mr. MOHAMMAD AKRAM PASHA

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1179.	48S_BE_3079	A SUSTAINABLE APPROACH TO REDUCE PLASTIC POLLUTION AND FLOATING DEBRIS IN RIVERS, CANALS AND OCEANS	B.E.	CIVIL ENGINEERING	Prof. MADHUSUDHAN M S	Ms. M MEGHANA Ms. NIMISHA M GOWDA Ms. RAMYA H L Mr. SUHAS NAYAK I S
1180.	48S_MCA_0170	VEHICLE DETECTION USING PYTHON	M.C.A.	COMPUTER APPLICATIONS	Prof. B M BHAVYA	Ms. KAVYA C Ms. AISHWARYA M
1181.	48S_MCA_0176	SIMPLE SOCIAL CLUB PLATFORM	M.C.A.	COMPUTER APPLICATIONS	Dr. H R DIVAKAR Mrs. INDRA C	Mr. YASHWANT N Mr. YATHIRAJ D N
1182.	48S_MCA_0183	CREDIT CARD FRAUD DETECTION	M.C.A.	COMPUTER APPLICATIONS	Prof. B M BHAVYA Mrs. K M SOWMYASREE	Ms. MANASA M N Ms. PRAKRUTHI Y J
1183.	48S_MCA_0195	ONLINE VOTING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. H P MOHAN KUMAR	Ms. SINCHANA K R Ms. CHANDANA T R
1184.	48S_BE_5795	ADVANCE NEUROPROSTHETIC WHEELCHAIR WITH EMG CONTROL	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. ANUSHA M K	Mr. RAHUL G R Ms. RAKSHITHA M N Mr. SANTHOSHA K S Mr. SHIVAPRASAD M
1185.	48S_MBA_0096	AEROPHONICS FARMING OF SAFFRON	M.B.A	FINANCE	Prof. SUMAN TD Prof. NARASIMHAN GV	Mr. HAMID ALI KHAN Ms. DAKSHATA GJ
1186.	48S_MBA_0091	DOMESTIC GAS PIPELINE INSTALLATION FOR SUSTAINABLE GREEN ENERGY (DGPIFSGE)	M.B.A	M.B.A	Dr. ALUREGOWDA Dr. MAHESH A S	Mr. GURU RAJ NATH M Y Ms. GUNAVATHY S Mr. KIRAN K M Ms. RAKSHITHA P

1187.	48S_BE_2701	FABRICATION OF GREEN POLYMER NANOCOMPOSITE FILMS FROM AGRICULTURAL WASTE (CORN STARCH AND BAGASSE) FOR SUSTAINABLE FOOD PACKAGING SOLUTIONS	B.E.	MECHANICAL ENGINEERING	Dr. GURUPAVAN H R	Mr. MOHAMMED RAYAN S Mr. MOHAMMED NAYEEM Ms. HARSHITHA J S
1188.	48S_BE_4599	CHARACTERISTICS PREDICTION OF HYBRID FEEDSTOCK BIODIESEL DERIVED FROM HIGH FFA OILS USING MACHINE LEARNING (ML) TECHNIQUE	B.E.	MECHANICAL ENGINEERING	Dr. RUPESH S	Mr. CHETHAN KUMAR V Ms. ANITHA S Mr. GUDDAPPA SHIVALINGAPPA HOSAMANI Ms. M S DEVIKA

125. P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1189.	48S_BE_4849	GENOMIC DATA PROCESSING USING QUANTUM COMPUTING FOR CANCER PREDICTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SUNIL KUMAR H R Dr. ARJUN U	Ms. SPANDANA D Mr. CHINMAYA DATTA S R Mr. DARSHAN D Mr. PUNITH H L
1190.	48S_BE_1976	SMART ENERGY METER FOR DAILY MONITORING OF ELECTRICAL POWER CONSUMPTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. KIRAN M R	Mr. KARTHIK V Ms. APOORVA P R Ms. POORNIMA S Mr. VEERESH P R
1191.	48S_BE_3426	TRAIN COLLISION AVOIDANCE AND CRACK DETECTION USING ULTRASONIC SENSOR AND IR SENSOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. RUDRESHA S J	Mr. CHANDAN KUMAR M S Mr. SHIVARAJ S HOSAMANI Mr. AKASH AMBARE S Mr. MURUGHARAJ U M
1192.	48S_BE_4085	POWER GENERATION FROM SPEED BREAKER AND WIND TURBINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. KALPANA S	Ms. SHANTHALA K S Ms. AISHWARYA P JAIN Ms. RADHIKA L
1193.	48S_BE_3211	SMART IV FLUID CONTROL SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. VAYUSUTHA M Dr. OM PRAKASH YADAV	Ms. NISCHITHA Mr. ABHISHEK Ms. ARCHANA A S Ms. SINDHU T
1194.	48S_BE_5372	SMART HEALTHCARE PREDICTION BY USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ADITHI M	Ms. PRIYA Y S Ms. SNEHA B S Ms. VAISHNAVI O Mr. PAVAN KUMAR R
1195.	48S_BE_4327	VITAL MARK - PREDICTION OF BLOOD GROUP USING FINGERPRINT IMAGES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. DAMINI T K	Mr. NISHANTH U Ms. DEEPTHI S M Mr. TEJAS A S Ms. VANDANA A L
1196.	48S_MBA_0129	OPTIMIZING CROP HEALTH THROUGH A DUAL-CONTROL IRRIGATION SYSTEM: MERGING AUTOMATION AND MANUAL PRECISION	M.B.A	M.B.A	Mr. HEMANTHA KUMARA M G Dr. PRASANNA KUMAR T M	Ms. POOJA K G Ms. CHAITHRA C K Ms. NIHARIKA N Mr. SUHAS C R
1197.	48S_MBA_0143	ECO- FRIENDLY DINING: BANANA LEAF BOWLS	M.B.A	M.B.A	Ms. JYOTHI G H Mr. NAVEEN H N	Ms. SHAILASHREE Ms. BHAVYA SHREE G S Ms. MEGHANA S Ms. TEJASWANI P S
1198.	48S_MBA_0146	NOURISH HUB - TRANSFORMING FOOD WASTE INTO HOPE FOR THE NEEDY	M.B.A	M.B.A	Ms. JYOTHI G H Mr. NAVEEN H N	Mr. ROSHAN D R Ms. PREETHI G N Ms. CHETANA V Ms. ANUSHA H N
1199.	48S_MBA_0181	ECO FRIENDLY RICE HUSK CUP	M.B.A	M.B.A	Ms. JYOTHI G H Mr. NAVEEN H N	Ms. AYESHA SIDDIQHA Ms. SIMRAN F Ms. MERCHANT MAHAJABEEN Ms. VARSHITA R
1200.	48S_BE_0235	INVESTIGATING THE MECHANICAL PROPERTIES OF ZRO2 & TIO2 IMPREGNATED PMMA NANOCOMPOSITES FOR DENTURE BASE	B.E.	MECHANICAL ENGINEERING	Dr. GIRISHA L	Mr. RAIYAN KHAN Mr. SYED GHASSAN Mr. MUHEEBULLA Mr. SYED SHAKEEL UR RAHAMAN

126. P.E.S. UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1201.	48S_BE_3516	AN OPTIMIZED APPROACH FOR LOAD FORECASTING USING PREDICTIVE ANALYTICAL MODEL IN A CLOUD ENVIRONMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JENY JIJO	Mr. PRANAV P VATSA Mr. SIDDARTH D PAI Ms. NISHTHA PANCHRATNA Mr. SAKSHAM ALOK
1202.	48S_BE_4622	LEVERAGING GRAPH DIGITAL TWIN FOR FAULT DETECTION AND IMPROVED POWER GRID STABILITY IN SMART CITIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.CHANDRASHEKHAR P CHAVAN	Ms. DHARINI HINDLATTI Mr. DIVYANSH VINAYAK Mr. ANUBHAV MENDHIRATTA Mr. CRAIG NIGEL FERNANDES

1203.	48S_BE_6281	SMART URBAN NAVIGATION: A CRIME DATA DRIVEN ROUTE OPTIMIZATION SYSTEM FOR SAFER TRAVEL IN BENGALURU	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUDEEPA ROY DEY	Ms. CHANDRA PRABHA Mr. SAMPANN RAHEJA Ms. SANAMPUDI SAI SUKRUTHI Mr. RAGHAVENDRA GAJANAN AMBEKAR

127. PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1204.	48S_MSC_0148	A COMPARITIVE STUDY ON BIOACCUMULATION OF HEAVY METALS AND PESTICIDE RESIDUES OF ORGANIC AND NON-ORGANICALLY CULTIVATED LEAFY GREENS AROUND KENGERI, BANGALORE, KARNATAKA	M.Sc	FOOD SCIENCE AND NUTRITION	Dr. NAGAMANI JE Dr. SHILPA P	Mr. SHASHANK G K Mr. SUMANTH K R
1205.	48S_MSC_0217	REFINEMENT OF TRADITIONAL INCENCE STICKS WITH FOCUS ON SUSTAINABILITY AND PEST CONTROL	M.Sc	FOOD TECHNOLOGY AND QUALITY MANAGEMENT	Dr. UMALATHA Dr. NAGAMANI J.E	Mr. TEJAS MANJUNATH NAIK Ms. VIDHYA T. Ms. ANANYAA.C.M

128. PRESIDENCY UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1206.	48S_BE_2211	PATIENT CASE SIMILARITY	B.E.	DATA SCIENCE	Prof. TINTU VIJAYAN	Ms. NIDHI SAINI Ms. SYEDA NIDA REHMAN Ms. DEEPTI AJAY NAIR
1207.	48S_BE_2937	UPLIFITING THE FARMER THROUGH A CONNECTED ECOSYSTEM	B.E.	DATA SCIENCE	Dr. V. CHANDRASEKAR	Mr. SAMRUDD Mr. VAIBHAV DATTATRAY MANE Mr. MERAGU HARISH REDDY
1208.	48S_BE_1484	AI BASED SINGLE PEDAL CONTROLLED TWO-WHEELER VEHICLE FOR PHYSICALLY CHALLENGED (ARMLESS) PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANIKANDAN M Mrs. ARUNA DORE	Ms. JAGRUTHI M Ms. LIKHITHA K Ms. KEERTHANA H M Ms. SHUBA SHREE S N
1209.	48S_BE_2075	IMA MARKET FOR WOMEN EMPOWERMENT (KARUNADU_MART)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. POORNIMA S Prof. SRINIVAS MISHRA	Mr. SAGAR G Mr. LAKSHMAN NAIK B S Mr. VIKAS ANGADI Mr. CHETHAN D N
1210.	48S_BE_0730	PREPARATION OF SUTAINABLE NANOFLUIDS AND STABILITY STUDIES	B.E.	MECHANICAL ENGINEERING	Mr. BASAVARAJ DEVAKKI	Mr. SHIVAM KUMAR Mr. SIDDAPPA Mr. CHANDAN K J Mr. DARSHAN R

129. PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1211.	48S_BE_4534	MECHANICAL CHARACTERIZATION OF PLA, PLAF & FLYASH BIOCOMPOSITES FOR AIR INTAKE DUCT OF AN TRAINER AIRCRAFT	B.E.	MECHANICAL ENGINEERING	Prof. POORNIMA K Dr. MADEVA NAGARAL	Mr. MALLIKARJUNA O M Mr. RAHUL K Mr. ZAHEER AHMED KHAN P Mr. N Y SRIYELLAPPA

130. R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1212.	48S_BE_1999	DISTRACTED DRIVER DETECTION USING AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. M S REKHA Dr. SUNIL KUMAR R M	Ms. P.KEERTHANA Ms. O.LIKHITHA Ms. P.VISHNU PRIYA

131. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1213.	48S_BE_6464	AID FOR THE VISUALLY IMPAIRED USING AI	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr.MANJUPRAKASH R	Mr. NIKHIL SHREYAS SK Mr. KOUSHIK S JAIN Mr. K P GAUTHAM Mr. KUSHAL NAG M S
1214.	48S_BE_6465	JOB DISCOVERY PLATFORM WITH RESUME AND COVER LETTER GENERATION USING GENERATIVE AI.	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. K V RAMA SATISH	Ms. APEKSHA D ANKOLA Ms. FATIMA AMANI Mr. AYAJ ANAND
1215.	48S_MCA_0199	COMBATING DEEPFAKE VIDEOS WITH ARTIFICIAL INTELLIGENCE AND MACHINE LEARING	M.C.A.	COMPUTER APPLICATIONS	Dr. RAJANI NARAYAN Dr. N P KAVYA	Mr. DARSHAN N Ms. AMULYA C P Ms. RAMYASHREE K V

1216.	48S_BE_0759	NEUROVISION: DEEP LEARNING AND BCI FOR AI-ENABLED ASSISTIVE DEVICES	B.E.	DATA SCIENCE	Dr. MAHANTESH K	Ms. SHREYA J Ms. UTHSAVA KUMARI Ms. SHIRISHA M Ms. RUKMINI K
1217.	48S_BE_6053	SMART WIRELESS EV CHARGING STATION WITH SELF AUTONOMOUS LINE FOLLOWING AND SELF DETECTING CHARGE NODES	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. SURESH D Mr. SREENIVASA BABU M O	Ms. ANANYA H S Ms. CHANDANA S Ms. D BHAVANA Mr. DHANUSH R
1218.	48S_BE_6089	LOW COST INDIGENOUS SMART PLASTIC WASTE COLLECTOR MACHINE SWABHAV	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. VIPULA SINGH Dr. LEENA CHANDRASHEKH AR	Mr. BALAJI P V Mr. PRANAVA PANDIT R
1219.	48S_BE_6013	AI SYSTEM FOR REAL TIME ENERGY PRICING BASED ON SUPPLY, DEMAND AND STORAGE LEVELS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. HARSHITHA P	Mr. ASHISH KUMAR Mr. AYUSH RAJ Mr. ANSHUL Mr. ADITYA RANJAN SARKAR
1220.	48S_BE_6130	IOT ENABLED SMART PESTCIDE SPRAYER MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. SUNIL B LAKKUNDI	Mr. SACHIN S D Mr. SAGAR B J Mr. SHRISHAIL BADIGER

132. R.R. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1221.	48S_BE_0470	SOLAR-INTEGRATED GREEN BUILDING WITH SUSTAINABLE MATERIALS AND WATER MANAGEMENT	B.E.	CIVIL ENGINEERING	Dr. PRASEEDA E Mr. MARUTI M N	Mr. HARISH N Mr. GYANENDRA YADAV Mr. UMESH KUMAR YADAV Mr. AJAY PANJIYAR
1222.	48S_BE_0546	IMPACT OF UNTREATED DOMESTIC WASTEWATER ON WATER QUALITY OF CHIKKKABANAVARA LAKE BY ARTIFICIAL INTELLIGENCE BASED APPROACHES	B.E.	CIVIL ENGINEERING	Dr. SAVITHA A L	Mr. YOGESH ADHIKARI Mr. CHETHAN K Mr. RUPESH KUMAR MANDAL
1223.	48S_BE_5704	HUMAN STRESS DETECTION BASED ON SLEEPING HABITS USING MACHINE LEARNING ALGORITHM	B.E.	COMPUTER SCIENCE	Prof. VEENA MS Prof. VEENA V	Mr. NITHISH T L Mr. DHEERAJ HARSHITH P Mr. MOHAN R Mr. KIRAN KUMAR
1224.	48S_BE_5161	IOT - DRIVEN RAILWAY CRACK DETECTION AND SMART MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. KRUTHI T C Prof. VEENA M S	Ms. AISHWARYA H M Mr. BALAJI B K Mr. GOUTHAM S Ms. MADHUMITHA D
1225.	48S_BE_4408	SOLAR BASED AI-ENHANCED PROTECTION FROM ANIMALS FOR AGRICULTURE CROPS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. PRADEESHA J	Mr. VIVEKANANDA K KALE Mr. THARUN KUMAR R Mr. SAGAR D Mr. ARVIND K S
1226.	48S_BE_3121	ANDROID STREAMING MICRO QUADCOPTER WITH OBSTACLE DETECTION	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Prof. ANSHU DEEPAK	Mr. AMAN KUMAR GUPTA Mr. PUDIPARTHI SUHAS SOMNATH REDDY Ms. SHRADHA S KALYANIMATH Mr. MANJUNATH SANGAPPA MANINAGAR
1227.	48S_BE_4005	RTOS IMPLEMENTATION FOR AGRICULTURE FIELD MONITORING	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Dr. UMESH G B	Ms. BHAVANA K Mr. CHARAN M Mr. SHRIVARDHAN P Mr. BASANAGOUDA DANDAPPAGOUDA NAGARAL
1228.	48S_BE_4141	IOT BASED RIDER HEALTH MONITORING SYSTEM FOR SAFETY AND SECURITY	B.E.	ELECTRONICS AND COMMUNICATIO N ENGINEERING	Prof. PARIMALA GANDHI G	Ms. NIMISHASRI RAVALLI V Ms. AKSHATA ANJUTAGI Ms. HAMEERA SADIYA
1229.	48S_BE_6294	INTEGRATION OF ION THRUSTERS WITH SWIVEL NOZZLE AS THRUST VECTOR CONTROL	B.E.	MECHANICAL ENGINEERING	Dr.CHANNABASA VRAJ.S Dr. AMARNATH.G	Ms. SHRISTEE YADAV Mr. ABHINAV ARYAL Mr. LOGESHWARAN P Mr. KALLOL ROY
1230.	48S_BE_6416	DESIGN AND FABRICATION OF AUTOMATED PESTICIDE SPRAYER AND HARVESTING SYSTEM	B.E.	MECHANICAL ENGINEERING	Mr. RAKSHITH KUMAR P	Mr. SIDDESH BR Mr. SUHAS TV Mr. HEMANTH KUMAR J Mr. PRAJWAL HR

133. R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1231.	48S_BE_1557	SMART WASTE SEGREGATION AND ENERGY GENERATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. GOURISH KATTIMANI Mrs. CHETANA HOOLI	Mr. ABHISHEK KATTIMANI Ms. ANUSHA A PATIL Ms. SHUSHMA HOLAGANNAVAR Mr. AFTAB KUDARI

1232.	48S_BE_0016	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION TESTS USING BIODIESEL FROM CUSTARD APPLE SEEDS IN CI ENGINE	B.E.	MECHANICAL ENGINEERING	Mr. SIDDESH N. BEVINAHALLI	Mr. ABHISHEK P BENDRE Ms. SUPRIYA GODI Ms. SHWETA TALAWAR

134. R.V. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1233.	48S_BE_1607	NUTRIINSIGHT ANALYSER	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. VIJAYALAKSHMI M N Dr. S ANUPAMA KUMAR	Ms. SHRISHTI Mr. SWASTIK AGARWAL
1234.	48S_BE_1606	AI BASED VIRTUAL ASSISTANT FOR VISUALLY DISABLED	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. S ANUPAMA KUMAR Dr. VIJAYALAKSHMI MN	Ms. SAAKSHI BAGALI Mr. T NANDHA KUMAR
1235.	48S_MCA_0058	TELEMETRY-DRIVEN HAZARDOUS GAS PREDICTION IN ATMOSPHERIC MONITORING	M.C.A.	COMPUTER APPLICATIONS	Dr. DIVYA T L Dr. ANDHE DHARANI	Mr. DHEERAJ S Mr. CHANDRASHEKAR P G
1236.	48S_MTECH_0012	ZONEFIX: HIGHLIGHTING AI-POWERED DETECTION, ANALYSIS, AND RESOLUTION FOR PUBLIC ISSUES	M.Tech	INFORMATION TECHNOLOGY	Dr. MAMATHA G S	Mr. RAVISH S H
1237.	48S_MTECH_0010	ONLINE INTELLIGENT TOOL FOR IDENTIFYING FAKE AND REAL IMAGES	M.Tech	SOFTWARE ENGINEERING	Dr. MAMATHA G S Prof. SRINIVAS B K	Ms. APOORVA G R
1238.	48S_MTECH_0021	BBMP WARD CONNECT: BRIDGING RESIDENTS, CORPORATORS, AND BBMP OFFICIALS FOR BETTER MANAGEMENT	M.Tech	SOFTWARE ENGINEERING	Dr. MAMATHA GS	Mr. SUCHITH VS

135. R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1239.	48S_BE_5716	SMART AUTONOMOUS PIPELINE MONITORING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.MADHUMATHY P	Mr. ANURAAG PRASANNA SHENDYE Ms. HARSHITHA PM Mr. MD KARTHIK SHENOY Mr. SHIVASHANKAR
1240.	48S_BE_0716	BLOCKCAIN-BASED VOTING SYSTEM TO ADDRESS THE CHALLENGES OF SECURITY, TRANSPARENCY AND TRUST IN ELECTIONS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SWATHI DARLA	Mr. V PRANESWARA Mr. AMRIT S Mr. KETHESH K Mr. MAYANK SHARMA
1241.	48S_BE_2694	SMART SCHOOL SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. GIRISH KUMAR BC	Ms. KAVYA HM
1242.	48S_BE_5603	INSURANCE CLAIM AUTHENTICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHRUTHI P	Ms. UTHPALA V S Ms. HARINI YALIPI Ms. DIVYA MALLIKARJUNA
1243.	48S_BE_3388	PROTOTYPE OF HYDROGEN COMBUSTION ENGINE	B.E.	MECHANICAL ENGINEERING	Dr. DURGA PRASAD C Dr.RAGHAVENDRA REDDY NV	Mr. HAMEED A Mr. AKASH N Mr. KIRAN G Mr. OM PRAKASH G D

136.RAICHUR UNIVERSITY, RAICHUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1244.	48S_MSC_0299	DNA BINDING STUDIES OF NEWLY SYNTHESIZED ORGANIC MOLECULES	M.Sc	CHEMISTRY	Dr. LATHA M S Dr. SUNITHA M S	Mr. MD. SHAHEBAAZ Ms. NANDINI Ms. HARSHIYA Ms. MADHUSHRI KONAL

137. RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1245.	48S_BE_3769	SMART IOT-BASED HYDROPONICS SYSTEM FOR SUSTAINABLE INDOOR CULTIVATION OF MICROGREENS AND HIGH-VALUE CROPS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. R. ARUL JOSE	Mr. AFNAN SHARIFF A Mr. MANOJ K.P Mr. BHARATH N
1246.	48S_BE_2087	HEXA ROVER: A SIX-WHEELED BOT FOR CRITICAL RESCUE MISSIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RANGAIAH L Dr. DEEPIKA J	Mr. NISHANTH K Mr. SHRIHARI CHANDRAKANTHA MALLYA

1247.	48S_BE_2386	SMART HELMET WITH AUTOMATIC DIRECTION TELLER AND DROWSINESS ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. AJAY M Prof. SANTOSH CHAVAN	Mr. H G BINDUSAGAR Ms. PRATHIKSHA N Mr. RAHUL K Mr. RAJESH R D
1248.	48S_BE_2504	INTEGRATED DAM AUTOMATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SREEPATHI V Prof. HARITHA K SIVARAMAN	Mr. BHARATH KUMAR T R Ms. ANU HP Ms. SANGEETHA DV Mr. CHANDAN N S
1249.	48S_BE_3256	REAL-TIME UNDERGROUND CABLE FAULT DETECTION WITH IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VANI B S Dr. SUNITHA R	Mr. SHREYAS S Mr. SALLA VISHNUVARDHAN Mr. ABDUL KHADEER KHAN Mr. SHREYANSH KAGAWAD
1250.	48S_BE_4967	TEXT TO IMAGE GENERATOR	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr.DINESHKUMAR M	Mr. GANESH PRABHU S Ms. SHRUTHI R Ms. DHRUTHI R
1251.	48S_BE_1906	ENHANCED AUTONOMOUS ROBOT NAVIGATION THROUGH MULTI SENSOR DATA FUSION - IMPLEMENTATION OF ML ALGORITHMS AND SLAM	B.E.	ROBOTICS AND AUTOMATION	Dr. RADHAKRISHNA R K	Mr. SUHAS S VASISHTA Mr. BALASARAVANA S Mr. MOHAN M K Mr. NAVEEN KUMAR S N
1252.	48S_BE_2122	DEVELOPMENT OF SNAKE ROBOT FOR SEARCH AND RESCUE OPERATIONS	B.E.	ROBOTICS AND AUTOMATION	Dr. N. SREENIVASALU REDDY Dr. VISHWANATH K.C	Ms. VIHA TRUPTHI S PANDIT Mr. SAMVRUDH N
1253.	48S_BE_2184	AI-DRIVEN INTERACTIVE HUMANOID FOR HEALTHCARE, SERVICES AND EDUCATIONAL ENVIRONMENT	B.E.	ROBOTICS AND AUTOMATION	Dr. M KARTHIKEYAN Dr. SATHEESHA V	Ms. HAFSA FATHIMA Mr. MOHAMMED HAROON KHAN Ms. KEERTHI M.R Mr. VITTHESH RR
1254.	48S_BE_2271	FLYING TO RESCUE: THE FUTURE OF AIR AMBULANCE DRONES	B.E.	ROBOTICS AND AUTOMATION	Dr. THANUJ KUMAR M	Mr. LOHITH M R Mr. TRISIT PAUL Mr. NITHIN K

138. RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1255.	48S_BE_1300	FIRE ALERT SYSTEM USING CCTV SURVEILLANCE	B.E.	COMPUTER SCIENCE	Ms. RUKSAR PARVEEN Mr. MEGHANA C N	Ms. BHAVYASHREE K S Mr. ASHWIN K L Mr. CHETAN G S Ms. MEGHANA H G
1256.	48S_BE_1336	MORPHING DETECTION IN MULTIMEDIA CONTENT USING CNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. MEGHANA C N	Mr. MADAN GOWDA B H Ms. MONICA MOHAN Mr. PRANAY M S
1257.	48S_BE_1373	HYBRID INVERTER WITH SOLAR BATTERY CHARGING CAR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. LOHITH D K	Mr. PRATHEEK H S Ms. PREETHI B KATKAR Ms. NISARGA G K Mr. MOHAN KRISHNA H C
1258.	48S_BE_2344	DESIGN AND IMPLEMENTATION OF IOT BASED WAR SPYING ROBOT USING WIRELESS NIGHT VISION CAMERA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MAHESH P K Mr. SHUBAS S R	Mr. YATHISH M Ms. KAVANA M S Ms. ANANYA V R Mr. SURYA POORVIK K R
1259.	48S_BE_2805	A ROBUST CHAOS-BASED TECHNIQUE FOR MEDICAL IMAGE ENCRYPTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. KANNIKA LAKSHMI D G Mrs. SAHANA R S	Ms. DIMPAL K L Ms. INISHA K Mr. MITHUN N Ms. VEDALAKSHMI T P
1260.	48S_BE_3262	DIABETES PREDICTION USING MACHINE LEARNING ALGORITHMS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. SINDHUJAIN A M Dr. PRATHIBHA G	Ms. JEEVITHA Ms. KEERTHANA D Y Mr. ABHISHEK K Mr. ABDUL FARAZ

139. RAJIV GANDHI INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1261.	48S_BE_1078	IOT BASED NEURODIVERSE PATIENT ANALYSIS SYSTEM	B.E.	BIOMEDICAL ENGINEERING	Prof. JANANEE J	Ms. PRAGATHI K Mr. BHARAT YOGESH BARHANPURKAR Ms. RUFAIDA KR Mr. IBRAHIM RISHAL

140. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1262.	48S_BE_5124	STROKEGUARD: VIDEO-BASED GEN AI FOR EARLY STROKE IDENTIFICATION AND TIMELY ASSISTANCE	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. VANEETA M	Ms. PRACHI BHAUSAHEB PATIL Ms. PREETHI V J Ms. DEEKSHA K Ms. SHREYA S PATIL

1263.	48S_BE_5007	PATHOVISION: MULTIMODAL DEEP LEARNING FOR ADVANCING PATHOLOGY IMAGING WITH EXPLAINABLE ARTIFICIAL INTELLIGENCE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. MEERADEVI Dr. SOWMYA B J	Mr. PRATHIK BOPPUDI Ms. JANYA V Ms. NEEHA RITVIKA MANDAVA Mr. C S PARTHASARATHY
1264.	48S_MTECH_0047	A FORMULATION OF FUNCTIONAL JELLY USING SYNBIOTIC ENCAPSULATED BEADS	M.Tech	BIOTECHNOLOGY	Dr. T P KRISHNA MURTHY Dr. DIVYASHRI G	Mr. SAGAR VASUDEV KESARI
1265.	48S_BE_5655	INNOVATIVE DAIRY-BASED SOLUTION FOR DEPRESSION: DEVELOPMENT OF FUNCTIONAL YOGURT WITH GABA-ENRICHED ANTHOCYANIN-COFFEE HUSK PECTIN GUMMIES	B.E.	BIOTECHNOLOGY	Dr. T P KRISHNA MURTHY Dr. DIVYASHRI G	Ms. HARINI HUTTI Ms. LIKITHA V Ms. MADDURI VENKATA LALITHA PRASANNA Ms. MAHIMA E D
1266.	48S_MCA_0090	COMPREHENSIVE WEB APP FUZZER	M.C.A.	COMPUTER APPLICATIONS	Dr. D EVANGELIN GEETHA	Mr. SHRIRAMA KAMATH Mr. SAATHVIK N SHARMA Mr. SINDHOOR BALACHANDRA HEGDE Mr. GIREESH SUBRAHMANYA HEGDE
1267.	48S_BE_2411	QUEEN HONEY BEE DETECTION USING SOUND FREQUENCY ANALYSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. C G RAGHAVENDRA	Mr. MAHANTESH MALLIKARJUN BANDI Mr. SHREYAS A R Mr. ALLAMAPRABHU BASALINGA MUGALKHOD Mr. SANKET UMESH GONTMAR
1268.	48S_BE_3638	A GAIT ASSESSMENT FRAMEWORK FOR DEPRESSION DETECTION	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Prof. M JYOTHIRMAYI	Mr. HARISANKAR K R Mr. H SYED TAJUDDIN Mr. PRANESH N Mr. SHRISHA KANANGI
1269.	48S_BE_6401	NEXT-GENERATION RAILWAY SAFETY: THROUGH REAL-TIME MONITORING & PREDICTIVE MAINTENANCE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. NISHI SHAHNAJ HAIDER	Ms. MUSKAN WALIA Mr. ATISHAY JAIN Mr. HARSHVARDHAN SHRIVASTAVA Mr. PRIYANSHU SHARMA
1270.	48S_MTECH_0025	PALLETIZATION ROBOT FOR AN INDUSTRY 6.0 REVOLUTION USING AI FOR SMART TECHNOLOGY	M.Tech	MECHANICAL ENGINEERING	Dr. NANDEESHA H L	Ms. VARSHA BN

141. RANI CHANNAMMA UNIVERSITY, BELAGAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1271.	48S_MSC_0227	SYNTHESIS OF CUO-GO NPS COMPOSITE USING GREEN LEAVES EXTRACT AND APPLICATION IN PHOTOCATALYTIC ACTIVITIES	M.Sc	CHEMISTRY	Prof. K . KANTHARAJU	Mr. SAGUN B V Ms. ARPITA NAGURE
1272.	48S_MSC_0247	GREEN SYNTHESIS OF ZNO-CQD'S COMPOSITES AND ITS APPLICATIONS IN PHOTOCATALYTIC ACTIVITY STUDIES	M.Sc	CHEMISTRY	Prof. K. KANTHARAJU	Ms. SHILPA S KAMBLE Ms. ANKITA S PADAGURI

142. RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1273.	48S_BE_4823	INTELLIGENT ROBOTIC ASSISTANT FOR ELDERLY CARE AND BABY SURVEILLANCE USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. PRABHAVATHI	Ms. NIHARIKA A Ms. HARSHITHA K Mr. KISHOR Y Mr. KRISHNA K

143. REVA UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1274.	48S_BE_1856	DISTRIBUTED INTER CONNECTED AGENT FRAMEWORK FOR CODE UNDERSTANDING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. MAYURI KUNDU	Mr. ROHAN S Mr. SANOOP A Mr. ROHITH R

1275.	48S_BE_4918	MIRACL: METADATA INDEXING AND RETREIVAL FOR AUTOMATED CONTEXT LABELLING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. SUHASINI N	Mr. VAIBHAV SINGH CHANDEL Mr. MOHAMMED ATAULLAH RASHAT KHAN Mr. MOHAMMED THAMEEM Mr. MOHAMMED FAIZAN
1276.	48S_BE_3573	PNEUMOVIT: VISION TRANSFORMER -BASED PNEUMONIA DETECTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SWIMPY PAHUJA	Mr. VINAY S Mr. SUHAS REDDY R P Mr. YASHAS M C Ms. KAVYASHREE B
1277.	48S_BE_5883	SMART SOLUTIONS FOR SMALL-SCALE INDUSTRIES AND STARTUPS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. MUTHU KUMAR B Dr. SINDHU MENON P	Mr. VIJAYA KRISHNAN V Mr. VINCENT RAJ BANDLAMUNDI Mr. VINESH U Mr. YASHAS SHETTY
1278.	48S_BE_6390	MACHINE LEARNING APPROACH FOR FORECASTING CROP YIELD PREDICTION AND FERTILIZER RECOMMENDATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof.DIVYASHREE N	Ms. APURVA V NAYAK Mr. LOHITH GOWDA HP Mr. SHAAN ALI FAROOQUI Ms. SINDHU YR
1279.	48S_MSC_0016	EXPLORING THE PROBIOTIC EFFECTS OF FOXTAIL MILLET AND BROWNTOP MILLET ON GUT MICROBIOTA HEALTH	M.Sc	BIOCHEMISTRY	Dr.SHARADAMMA.N Mrs.DEBASREE BASU MUKHARJEE	Ms. MANUDEVI S Ms. DEEPASHREE DR Ms. SINCHANA SURESH Ms. PRATHIBHA GS
1280.	48S_BE_0464	MACHINE LEARNING-INTEGRATED COMPUTATIONAL DRUG DISCOVERY FOR NOVEL MULTI-TARGET DRUGS AGAINST EMERGING VIRAL OUTBREAKS	B.E.	BIOELECTRONICS	Dr. RAJE SIDDIRAJU UPENDRA Dr. KARTHIK RAJENDRA	Mr. M S UPAMANYU Ms. YASHASVI V Ms. SHALEN JANET Ms. PRERANA M
1281.	48S_MSC_0053	ALGAE: A PROTOTYPING TOOL FOR DECOMPOSITION OF MEDICAL WASTE DISPOSALS	M.Sc	BIOTECHNOLOGY	Dr.SENTHILKUMAR R Dr. AGNIK HALDAR	Ms. R S AYSWARYA DEVI Ms. JAHNAVI T A Ms. ARCHANA M Ms. JEEVITA L
1282.	48S_MSC_0144	DEVELOPMENT OF NEUROPROTECTIVE SUPPLEMENT FOR BOOSTING IMMUNE SYSTEM USING EDIBLE PLANT SOURCE	M.Sc	BIOTECHNOLOGY	Dr. MANJULA .K.R	Ms. CHINTHALA LAKSHMI GEETHA Ms. B.VINITHA Ms. D.CHANDANA SAI Ms. JYOTHI N
1283.	48S_MSC_0198	ECO-FRIENDLY ENCAPSULATED BIOINOCULANTS FOR POMEGRANATE CULTIVATION IN KARNATAKA	M.Sc	BIOTECHNOLOGY	Dr. RENUKA MADHU	Mr. VAISHAK R VARMA Ms. SHREYA DHANSHETTI
1284.	48S_MSC_0348	FABRICATION OF AG COLORIMETRIC NANO SENSORS FOR THE DETECTION OF TOXIC ADULTERANTS IN MILK BEVERAGE	M.Sc	BIOTECHNOLOGY	Dr.PRABHAKAR MISHRA Dr.YUVASHREE M	Ms. RITUPARNA R. Ms. SYEDA AFIFA AEMAN Ms. GOWTHAMI S Ms. P. KEERTHI
1285.	48S_MSC_0028	SYNTHETIC APPROACHES OF ANTIBIOTIC PEPTIDES IN SOLUTION PHASE THROUGH A ORGANIC LINKER	M.Sc	CHEMISTRY	Dr.NAGENDRA G	Mr. NANDEESH S Mr. DARSHAN M R Mr. RAHUL S M Mr. SUHAS R
1286.	48S_BE_4873	E -WASTE SEGGREGATION MODEL IN SOLID WASTE MANAGEMENT	B.E.	CIVIL ENGINEERING	Dr. MA NAGESH	Mr. KARTHIK D Mr. ABHISHEK Mr. MONISH GOWDA S
1287.	48S_BE_4935	BIOFILTERATION OF AIR AT INDUSTRIAL INDOOR ENVIRONMENT	B.E.	CIVIL ENGINEERING	Mr. SRINIDHI S U	Mr. MOHAN CHANDRA SHETTY A V Mr. VARUN PILLAY Mr. HARSHA S M Mr. STANZIN CHOSGYAL
1288.	48S_BE_5033	EVALUATION ON THE PERFORMANCE OF BIOASPHALT MIXES CONTAINING RECLAIMED ASPHALT PAVEMENT MATERIALS	B.E.	CIVIL ENGINEERING	Prof. PREETHI S Dr. AVINASH H T	Mr. SANTHOSH KUMAR Mr. SUHAS GOWDA D Mr. CHARAN GOWDA N Mr. ABOBI YVES
1289.	48S_BE_5206	THE STUDY ON RECLAIMED AGGREGATE	B.E.	CIVIL ENGINEERING	Prof.PRASHANT H.N	Ms. POOJA.V Mr. BUSHITRAJ.M S Mr. MOHAMMED ZAIN Mr. KARTIK P PATIL
1290.	48S_BE_5672	PHYTOEXTRACTION OF METALS FROM E-WASTE INDUCED HYDROPONIC SYSTEM	B.E.	CIVIL ENGINEERING	Mr. SRINIDHI S U Dr. M D SAIFUDDIN	Mr. JAYSON PRITHESH P Mr. MADHU BM Mr. PRAJWAL M Mr. SUMANTH GOUDA
1291.	48S_BE_5174	SUSTAINABLE MANAGEMENT OF DAIRY WASTEWATER BY USING ELECTROCOAGULATION METHOD FOR SOIL REMEDIATION AND WATER QUALITY	B.E.	CIVIL ENGINEERING	Prof.PRASHANT H N	Ms. G.TEJASWINI Mr. M. VIVEK PATIL Mr. SAGAR GOWDA A Mr. VIGNESH R
1292.	48S_BE_0654	OPTIMIZING AGRICULTURAL PRACTICES IN ARID AND SEMI-ARID REGIONS USING REMOTE SENSING AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. LAXMI B RANANAVARE	Mr. SARAVANA KUMAR D C Mr. ABHISHEK R PRASAD Mr. ANKUSH HEGDE Mr. PAVAN B N

1293.	48S_BE_2497	HYDRO-IQ	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs.AMRUTHA. P V	Mr. VISHAL KUMAR K Mr. KISHORE KUMAR REDDY Mr. P. ESWAR Mr. P. VINOD KUMAR REDDY
1294.	48S_BE_5911	LAND COVER CLASSIFICATION USING HYPERSPECTRAL IMAGING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.BHAVATARINI N	Ms. MADHURI V Ms. MEGHANA M Ms. K M SINDHU PRIYA Ms. KALLURI SUPRIYA
1295.	48S_MSC_0024	EMPOWERING LEARNERS: REVOLUTIONIZING EDUCATIONAL SUPPORT WITH A GEMMA-DRIVEN CHATBOT	M.Sc	DATA SCIENCE	Prof. SHREETHA BHAT	Ms. AKSHATHA C S Mr. VINEETH S NAIDU
1296.	48S_MSC_0070	QUIZ-BASED STUDY PLAN GENERATOR: AN ADAPTIVE LEARNING SYSTEM USING GENERATIVE AI FOR DIVERSE LEARNERS IN GRADUATE AND POSTGRADUATE STUDENTS	M.Sc	DATA SCIENCE	Dr. LAKSHMI K	Ms. SANDHYAVATHI G Ms. SAI SHIVANI
1297.	48S_BE_3535	CUSTOMIZED CNC MACHINE FOR COST-EFFICIENT MANUFACTURING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SUJO OOMMEN Prof. MAHESH KUMAR	Mr. MOHIT SINGH Mr. SHAIK NAZIDULLA Mr. SAUMYA KUMAR Mr. KUNAL KUMAR AMAR
1298.	48S_BE_3758	PERFORMANCE EVALUATION OF A BLDC MOTOR USING AND EV MODULE WITH A BOOST CONVERTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MANISH BHARAT Prof. C JAYAKRISHNA	Ms. AAYUSHI BALA Mr. HRISHABH RATHOR Ms. SANJANA R
1299.	48S_BE_3833	INTELLIGENT BATTERY MANAGEMENT SYSTEM FOR ELECTRICAL VEHICLE WITH MACHINE LEARNING-DRIVEN CHARGE MONITORING AND FIRE SAFETY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DEEPA K R	Mr. RAVITEJA B S Mr. PRASHANTH T Mr. PREMSAGAR M Mr. VIJAY G
1300.	48S_BE_3905	DEVELOPMENT OF AUTOMATIC SOLAR PANEL CLEANING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BANSILAL BAIRWA	Mr. SHIVUKUMAR B K Mr. SHASHANK H O Mr. G SHIVA PRASAD Mr. JASHWANTH G N
1301.	48S_BE_3915	DESIGN AND IMPLEMENTATION OF A DEEP NEURAL NETWORK-DRIVEN PREDICTIVE CONTROLLER FOR ELECTRIC VEHICLE BATTERY CHARGING OPTIMIZATION AND LIFE CYCLE MANAGEMENT IN ACCORDANCE WITH IEC 62619	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. RITESH DASH	Mr. ADITYA R BHUSANUR Ms. BINDU SHREE S Ms. GOWRI S BIRADAR Ms. SNEHA N
1302.	48S_BE_3932	DESIGN AND DEVELOPMENT OF ANN-ENABLED DISTANCE AND TIME PREDICTION SYSTEM FOR ELECTRIC VEHICLES WITH 80KG PAYLOAD FOR ACHIEVING SUSTAINABLE MOBILITY AND INTELLIGENT TRANSPORT SYSTEMS BASED ON GOOGLE NET-50.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr.JYOTHEESWARA REDDY Dr. RITESH DASH	Mr. C CHANDAN Mr. ANIL JAVALGI Mr. DRUPAD S Mr. SHIVA KUMAR P
1303.	48S_BE_3959	MULTIFUNCTIONAL SIGN HAND GLOVES FOR WOMEN'S SAFETY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. BANSILAL BAIRWA Dr. SEEMA MAGADUM	Mr. TUSHAR C SALIAN Mr. VIVEK M BAGALI Mr. SANDEEP Y Mr. GUNA SEKHAR
1304.	48S_BE_4689	DESIGN AND DEVELOPMENT OF INNER CURRENT STRATEGIES USING PI CONTROLLER FOR EV	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MANISH BHARATH Prof. C JAYAKRISHNA	Mr. G SANGAMESH Mr. MAHADEV Mr. BASAVALING Mr. GAIKWAD MAHESH
1305.	48S_BE_4701	AUTOMATED FAULT DETECTION AND QUALITY INSPECTION MODULE FOR INDUSTRIAL MANUFACTURING APPLICATION USING VISUAL INSPECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. ANIL KUMAR D B	Mr. PRANAV S Mr. R TARUN Mr. SAI KHANTH K A
1306.	48S_BE_5486	AI -POWERD AUTONOMOUS GRASS CUTTING ROBOT FOR SMART LAWN MAINTENANCE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. BURRI ANKAIAH	Mr. SAI KRISHNA Mr. OMKAR Mr. PAVAN MY Mr. ZAFAR
1307.	48S_BE_5963	DESIGN OF SWITCHED CAPACITOR ASYMMETRICAL MULTILEVEL INVERTER: IMPROVING STEP-UP AND STEP-DOWN FUNCTIONAL CAPABILITIES FOR EV APPLICATION.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SAAHITHI S	Ms. KEERTHANA S Mr. GIRISH M Ms. SHREYA M Ms. DHANYASHREE B
1308.	48S_BE_6016	AI OPTIMIZED POWER MANAGEMENT FOR SUSTAINABLE WATER PUMPING WITH DISTRIBUTED ENERGY SOURCES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BHARGAVI KM	Ms. SUJANA S SHEKHAR Ms. POOJA A TOTAD Ms. TARIKA SAI LAXMI TR Ms. VEENA ARJUN HUDED

1309.	48S_BE_6113	DESIGN AND DEVELOPMENT OF STATOR PROTECTION SYSTEM IN AN INDUCTION MOTOR USING NUMERICAL RELAY-49/46/52	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. BURRI ANKAIAH Dr. RITESH DASH	Ms. LAASYA R Ms. INDU NS Mr. PRAJWAL GOWDA
1310.	48S_BE_5235	INNOVATIVE CAN SATELLITE FOR LOWER SPACE EXPLORATION: ADVANCING SMART CITIES, PRECISION AGRICULTURE AND ENVIRONMENTAL MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DEVANATHAN M	Ms. BHUMIKA C Ms. HARIKA C V Mr. KALLAGERI RAKESH Mr. R N UMASHANKAR
1311.	48S_BE_5416	NEXT-GEN FARMING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. JYOTHY ST	Mr. JEETH MUKHERJEE Mr. K.ASHWIN Ms. LIKITHA JAYARAM Mr. SURYA VAMSHI
1312.	48S_BE_5570	DEVELOPMENT OF MODULAR UNMANNED GROUND VEHICLE SYSTEM WITH QT-BASED USER INTERFACE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NATARAJ URS H D	Mr. MANOJ KUMAR K S Mr. PRAJWAL M S Ms. ESHA RATHOD Mr. NANDISH S M
1313.	48S_BE_5823	EARLY PREDICTION OF TYPE 2 DIABETES MELLITUS IN YOUNG ADULTS USING LSTM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VEENA K N	Ms. AMRUTHA HM Mr. CHANDAN M
1314.	48S_MBA_0210	JALA SANJEEVINI – SAVING WHAT'S LEFT FOR WHAT'S NEXT (EVERY DROP COUNTS)	M.B.A	M.B.A	Dr.THAMOTHARAN AYYAVU Dr. NANTHINI M	Mr. SANTHOSH KUMAR K Ms. AKSHAYA K Ms. RAKSHITHA D Ms. SHALINI KIRTHI C
1315.	48S_MBA_0198	SURAKSHITA CHALANE - SMART VEGA NIYANTRANA PRANALIKE	M.B.A	M.B.A	Dr. NANTHINI.M Mr.VINUMON.V S	Mr. THIMMAIAH KK Ms. KEERTHANA R Ms. SWAPNA SHARMA
1316.	48S_BE_5088	DESIGN AND DEVELOPMENT OF PORTABLE IOT BASED ELECTRONIC MULTI-SEEDING AND SPRAYING MACHINE	B.E.	MECHATRONICS ENGINEERING	Prof. PRAVEEN MATH	Mr. SUDEEP H N Mr. DILIP K P Mr. MANU S R Mr. HEMANTH D M
1317.	48S_MSC_0200	PRODUCTION OF BIOFERTILIZERS USING PLANT GROWTH PROMOTING YEASTS (PGPY) WITH HETEROGENEOUS TRAITS .	M.Sc	MICROBIAL TECHNOLOGY	Dr.NETHRAVATHY.V	Ms. SURABHI.J Ms. JAYASRI.KAMISETTI Ms. BHUVANA SHREE . S
1318.	48S_MSC_0203	PRODUCTION OF ECO-FRIENDLY BIO PLASTIC FROM PADDY STRAW CELLULOSE	M.Sc	MICROBIAL TECHNOLOGY	Dr.NETHRAVATHY.V	Mr. GOVARDHAN K S Ms. SHIRISHA REDDY R
1319.	48S_BE_5300	REVOLUTIONIZING FIREFIGHTING: AUTONOMOUS DRONE FOR RAPID RESPONSE AND SUPPRESSION	B.E.	ROBOTICS AND AUTOMATION	Prof. KARTIK E CHOLACHGUDDA	Ms. DEVAKI VIJAYAN Ms. SNEHA S INAMDAR

144. S.D.M. COLLEGE (AUTONOMOUS), UJIRE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1320.	48S_MSC_0226	COMPARATIVE ANALYSIS OF BIOPLASTIC PROPERTIES DERIVED FROM FABACEAE AND MORACEAE: A STUDY ON MATERIAL PERFORMANCE AND ENVIRONMENTAL IMPACT.	M.Sc	BIOTECHNOLOGY	Dr. SUDARSHAN P	Ms. SAKSHI Ms. RESHMA R Ms. NIVEDITHA PAI Ms. SHRAVANA B SHEBANNAVAR

145. S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1321.	48S_BE_0378	GREEN SYNTHESIS OF NANOMATERIALS FOR CO2 CAPTURE	B.E.	CHEMICAL ENGINEERING	Dr. LOKESHWARI N Dr. KESHAVA JOSHI	Ms. K N BINDU Ms. SAKSHI BANASODE Ms. SAMPREETA GUDI Ms. SONALI POKHARKAR
1322.	48S_BE_0403	HYBRID ELECTRO-CHEMICAL COAGULATION PROCESS FOR WASTEWATER TREATMENT	B.E.	CHEMICAL ENGINEERING	Dr. KESHAVA JOSHI	Mr. PREETHAM P BHUTE Mr. ALFAZ AHMED BT Mr. SHARAN S Mr. MALLIKARJUN P S
1323.	48S_BE_0483	SYNTHESIS AND ANALYSIS OF SUPERHYDROPHOBIC RICE STRAW-FELT FOR OIL ABSORPTION	B.E.	CHEMICAL ENGINEERING	Prof. S.S. INAMDAR	Ms. RUKMINI S Y Ms. REKHA N K
1324.	48S_BE_3980	A PET-LIKE COMPANION FOR THE BLIND PEOPLE WITH INFORMATIVE CAPABILITIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. PREETI S. BELLERIMATH	Mr. SATVIK ASHOK HANCHALI Mr. PRAJWAL CHANNAPPANAVAR Mr. KARTHIK NARASINHA NAIK Mr. NILESH M KADOLKAR
1325.	48S_BE_6331	SMART TRANSFORMER PROTECTION SYSTEM WITH POWER THEFT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHREEDHAR A JOSHI	Mr. GURUDATT SANJEEV JOSHI Mr. DARSHAN BHAVI Mr. ITTE SAMARPAN Mr. LAXMAN TIRUPATI HIREMANI

1326.	48S_BE_6384	REAL-TIME PRESSURE MAT WITH HEATMAP AND CENTRE OF PRESSURE (COP) VISUALIZATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SATISH BHAIRANNAWAR	Mr. SHUBHAM P PATIL Mr. SIDDHARTH BILAGI Mr. SUMANTH N SHASTRI Mr. SUPREET BOGAR
1327.	48S_BE_2802	PROMAILAI: AI POWERED EMAIL ASSISTANT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. DEEPA BENDIGERI Prof. VARSHA S JADHAV	Ms. NISHAT ABDULKAREEM BUDIHAL Mr. ARMAAN S CHIKODI Mr. GAGAN U BIRADAR Mr. KHWAJA WAIZE
1328.	48S_BE_5429	DESIGN AND DEVELOPMENT OF AUTOMATED SCRAP COLLECTING MACHINE USING IOT	B.E.	MECHANICAL ENGINEERING	Dr. ABILASH DESAI Dr. S.C. GALAVEEN	Mr. SAI DINESH N MEKALA Ms. APOORVA NISHITH Mr. VYASRAJ KULKARNI Ms. SANIYA BELAGALI

146. S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1329.	48S_BE_3634	SMART DISEASE DETECTION IN BETEL LEAVES USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mr.PADMAPRASADA	Ms. ROOPASHRI Ms. NEEHA V T Ms. SADHANA P L Ms. SKANDHA JAIN
1330.	48S_BE_3786	ACCIRESCUE: INSTANT ACCIDENT ALERTS AND SMOOTH EMERGENCY ROUTING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. ANTHEESH R	Mr. CHANDAN R Ms. BHAVISHYA Mr. KRUTHIK T R Mr. SANKET G SHANBHAG
1331.	48S_BE_3798	AI-BASED DRY WASTE SEGREGATOR	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mr. PADMA PRASAD	Mr. PRAJWAL M Mr. AKSHAJ M Mr. BILVARCHAN SALANKI M Mr. GAGAN V
1332.	48S_BE_3868	AI-ML BASED SMART EXAMINATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRADEEP G S	Mr. SHARATH Ms. SINCHANA SHETTY Mr. SRIVATSA M U Ms. VIDYASHREE
1333.	48S_BE_3964	AI POWERED SAFETY ALERT SYSTEM FOR REAL TIME THREAT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA R	Ms. TEJA SADANAND BHAT Ms. SNEHA S Mr. TEJAS S Ms. USHA G
1334.	48S_BE_3630	MYOELECTRIC PROSTHETIC ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AVINASH S Dr. MOHAN NAIK R	Mr. AKASH A Mr. RILWAN AHMED K Mr. VIJETH Mr. YAJNESH J SHETTY
1335.	48S_BE_5886	DRIVER DROWSINESS DETECTION USING FACIAL FEATURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr.RADHAKRISHANA	Mr. SUHAS M S Mr. THEJAS GEORGE Ms. SHILPA

147. S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1336.	48S_BE_2259	ARDUINO-BASED SPEECH AND TEXT GENERATION GLOVE FOR PARALYZED AND/OR HARD-TO-COMMUNICATE COMMUNITY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. LOKESH A	Ms. PRAGATHI RAVI M Mr. AJIN BADUSHA Ms. KAVYA M Ms. LAKSHMI S HEREMATH
1337.	48S_BE_2117	DEVELOPMENT OF AN OFFLINE VOICE CONTROLLED WHEELCHAIR FOR DISABILED INDIVIDUALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. K. REVATHI	Mr. U. VISHNU VARDHAN Ms. GAYATRI M SHIRUR Mr. GAGAN KUMAR TN Ms. RASHMI RATTIHALLI

148.S.E.A. COLLEGE OF SCIENCE, COMMERCE AND ARTS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1338.	48S_MSC_0035	ASSESSMENT OF PHYTO-CHEMICAL PROPERTIES OF VEGETABLES FROM POLLINATED AND NON POLLINATED AGRICULTURAL CROP FIELDS	M.Sc	CHEMISTRY	Dr. ROOPA P	Ms. PRATHIBHA TN Ms. GANASRI M Ms. PALLAVI BV Ms. POORNIMA
1339.	48S_MCA_0071	SUPPLY CHAIN AND DEMAND FORECASTING	M.C.A.	COMPUTER APPLICATIONS	Prof. PUSHPANJALI PARNAPALLI	Mr. ASHWIN KUMAR A Ms. ANJANA A S Mr. ABHIRAM E Mr. S ANANTHU
1340.	48S_MBA_0067	AN ANALYSIS OF IMPACT OF ELECTRIC VEHICLES ON ENVIRONMENT	M.B.A	M.B.A	Dr. RAGAJYOTHI	Mr. MANOJ M Mr. CHANDRASHEKAR N Ms. VAISHNAVI R Ms. GOKULA PRIYA M
1341.	48S_MBA_0068	DEVELOPING A RECYCLING ECONOMY MODEL TO ADDRESS URBAN PLASTIC WASTE	M.B.A	M.B.A	Dr. SRIDHAR M	Ms. SELVI DARSHINI R K Mr. VINAY RAJU REVANNAVAR Mr. UDHITHVEMA V Ms. RHEBA SIRON S

149. S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1342.	48S_BE_5087	SELECTION OF EFFECTIVE WATERPROOFING TECHNIQUES TO REDUCE THE CORROSION PROBLEM IN CONCRETE SLAB	B.E.	CIVIL ENGINEERING	Dr. SANTOSH CHIKKABAGEWADI Dr. K B PRAKASH	Mr. SHIVANAND SAMPAGAON Mr. PRANAV BENDIGERI Ms. AMBIKA KESAPUR Mr. PRATHAMESH MOTAGI
1343.	48S_BE_5882	LOW COST GEOGRID: BAMBOO AS A GEOGRID FOR IMPROVING GROUND CHARACTERISTICS	B.E.	CIVIL ENGINEERING	Prof. SHWETA N VANTAMURI	Mr. ALTAF I MUJAWAR Mr. YALLAPPA RAMA PATIL Mr. AHMED MANSOOR MUJAWAR Mr. SWATIKSINGH S CHAVAN
1344.	48S_BE_6098	AN EXPERIMENTAL STUDY ON THE PROPERTIES OF COMPAC-PRESSED SUSTAINABLE PAVER BLOCK	B.E.	CIVIL ENGINEERING	Prof. SANDEEP KULKARNI Prof. VIVEKANAND KORISHETTI	Mr. SHAFFI MOHAMMAD FAROOQ Mr. FURKAN FAZAL KACHERI Mr. MOSHIN MOHAMAD RASUL JAMADAR Mr. SUFIYAN.A. SHAIKH
1345.	48S_BE_4844	SPECTRA MOVE USING IMAGE PROCESSING	B.E.	COMPUTER SCIENCE	Prof. SHIVKUMAR B.N Prof. SHEETAL KOKATANOOR	Ms. ANULI MALALIKAR Ms. ANNAPURNA LINGADALLI Mr. ASHISH HIDADUGI Mr. SUSHANT BIDIKAR
1346.	48S_BE_0562	SECURED MULTI-LAYERED VOTING SYSTEM USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHEETAL KOKATANOOR Prof. AKHILABANU PATHAN	Mr. VEERESH HIREMATH Ms. SNEHA KIRAN MANDED Ms. UMME KULSUM BHAGWAN Mr.UROOJAKHTARKHAN INAMDAR
1347.	48S_BE_3645	DESIGN OF AFFORDABLE 3D FOOD PRINTER FOR CUSTOMIZED CHOCOLATE MAKING, HEALTH AND NUTRITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SUPANNA S. SHIRGUPPE	Mr. FARHAN S. KITTUR Mr. ABRAR N. AUTI Mr. INAMULHAQ A. PATHAN Ms. ADIBA A. SAYED
1348.	48S_BE_3710	DESIGN AND IMPLEMENTATION OF MICRO SOLAR DOME	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. BASAVARAJ S HUGAR	Ms. LAXMI ISHWAR NAIKAR Mr. ALFAZ K SHARIF Mr. AYAN MANNURKAR
1349.	48S_BE_4367	EFFECTIVE SMART TWO-WAY COMMUNICATION DEVICE FOR DEAF AND DUMB PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. LALITHA DARBHA	Mr. OM KANGURI Mr. MALLIKARUN KADAKOL Mr. VINAY S KOLKAR
1350.	48S_BE_0469	SOLAR POWERED MULTI-BIOMETRIC AUTHENTICATED ATM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NARAYAN ASHOK BADIGER Prof. ANITA S PATIL	Ms. BHAVANA M KOUJALAGI Mr. ARUN B RATHOD Mr. DEEPANK M RAGI Ms. SHWETA R BATHULA
1351.	48S_BE_1133	AUTOMATIC BUS FARE COLLECTION SYSTEM WITH LOACTION TRACKING AND SAFETY ALERTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SIDRAMAYYA MATHAD Prof.ANANDREDDY N.	Ms. VAISHNAVI ANIL MARATHE Ms. VAISHNAVI K. TIKKE Ms. DHANASHRI PRAMOD KULKARNI Mr. DHAREPPA KURABET
1352.	48S_BE_3209	ANALYSIS OF VALUE STREAM MAPPING USING EVSM	B.E.	MECHANICAL ENGINEERING	Prof. VISHWANATH M. KHADAKBHAVI Prof. GIRISH HIDADUGGI	Mr. SURESH YALLAPPA CHOUGULE Mr. ABHISHEK A. SANGAMNAVAR Mr. MOHAMED FAISAL JAMADAR Mr. MOHAMED RABA LAKSHARWALE

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1353.	48S_BE_3929	BLOCKCHAIN SOLUTIONS FOR THE INDIAN JUDICIAL SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KRISHNA A N	Ms. NAYANA T S Ms. MONALISA K C SHETTY Ms. MAHALAXMI R S Ms. JANANI A
1354.	48S_BE_4449	LAND REGISTRY USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KRISHNA A N	Mr. ABHAY G MOUDHGAL Mr. ABHINAV M P Mr. ASHWIN VENKATARAMAN Mr. V ANIRUDH

1355.	48S_BE_3845	SOLAR DRIVEN AIR CLEANSER FOR INDOOR AND OUTDOOR AIR PURIFICATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SANDEEP S R	Ms. ANUPRIYA S Ms. PREETHI B Ms. SPANDANA K
1356.	48S_BE_3912	IMPLEMENTATION OF DRONE NAVIGATION SYSTEM THROUGH BRAIN-COMPUTER INTERFACE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr.CHANDRAPPA D N	Mr. NACHIKETH G Mr. AASHISH PRADEEP KUNNUMMAL Mr. VISHNUVARDHAN B C Mr. MANISH G NAIK
1357.	48S_BE_3923	DEVELOPMENT OF ASSISTIVE DEVICES USING BCI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. UMA S	Mr. PRANAV L Ms. ADITI S Ms. BHOOMIKA S Ms. GAGANA J K
1358.	48S_BE_3930	DEEP LEARNING-BASED IMAGE CLASSIFICATION USING VGG16	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REKHA K R	Ms. IMPANA K P Ms. N THANUSRI Ms. ANUSHA M
1359.	48S_MBA_0113	OPTIMIZING SUSTAINABLE AGRICULTURAL PRACTICES FOR SMALL-SCALE FARMERS IN RURAL INDIA: A STUDY ON RESOURCE EFFICIENCY AND MARKET ACCESS	M.B.A	M.B.A	Dr. MAMATHA J Dr. SRINIVASA C	Mr. PAWAN KUMAR S REDDY Mr. ABHILASH B V Ms. DEEKSHA L Ms. B J KHUSHI

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1360.	48S_BE_1658	DESIGN AND DEVELOPMENT OF LOW-SPEED SUBSONIC SMART WIND TUNNEL	B.E.	AERONAUTICAL ENGINEERING	Dr. DEEPA M S Mr. SRINIVASA G M	Mr. NAYAN KUMAR K J Mr. DHANUSH A N Mr. RITHVIK D R Ms. NIKITHA H N
1361.	48S_BE_0384	DESIGN AND ANALYSIS OF A RE-ENTRY VEHICLE WITH DOCKING SYSTEM TAILORED TO INDIAN SPACE STANDARDS	B.E.	AEROSPACE ENGINEERING	Dr.MADHUSUDHANA S V	Mr. PRITHVIRAJ M TALWAR Ms. MAITREYI R MUDRI Ms. DEEKSHA R Mr. PRAKASH B GEDAGERI
1362.	48S_BE_0798	DESIGN AND FABRICATION OF SOLID PROPELLANT TEST RIG	B.E.	AEROSPACE ENGINEERING	Prof. NARESH D C	Ms. MADHURA N C Ms. CHANDANA KUMARI N Ms. TEJASHREE S
1363.	48S_BE_2109	RC FLYING WING AIRCRAFT FOR AGRICULTURAL MONITORING	B.E.	AEROSPACE ENGINEERING	Dr.RAVIKUMAR M	Mr. AGNIK DEBNATH Ms. ANJANA Mr. MADHUSUDAN REDDY KS Mr. SURYANARAYANA MC
1364.	48S_BE_1659	AGRICAREBOT: AI-POWERED CROP MAINTENANCE ROBOT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. MUNIRAJU M Mr.NAGENDRA BABU	Mr. M S PRAKASH KUMAR REDDY Mr. SANTHOSH KUMAR J Mr. SANJAY A Ms.ANJANA DWARAKANATH B
1365.	48S_BE_2077	LEVERAGING ENSEMBLE VOTING FOR ACCURATE RICE BLAST DISEASE FORECASTING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. MUNIRAJU M Mr.NAGENDRA BABU	Ms. RAMAMANI A N Ms. VIJAYALAKSHMI K R Ms. VARSHA S Ms. PAVANI
1366.	48S_BE_2888	AUTOMATIC SELECTION OF MACHINE LEARNING MODELS FOR ARMED PEOPLE IDENTIFICATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof.NAGENDRABABU N C Dr.VARADARAJU H R	Mr. C N PRUTHVI Mr. B N SHARAN KUMAR Ms. S SHIVANI Ms. VIDYA SHREE P
1367.	48S_BE_1112	STUDY ON THE USE OF NANO-CALCIUM CARBONATE AS A BINDER AND CINDER AS AN AGGREGATE IN LIGHTWEIGHT CONCRETE	B.E.	CIVIL ENGINEERING	Prof. BHAVYA S	Mr. KIRAN G M Mr. LIKITH GOWDA T S Mr. SHASHANK REDDY K P Mr. VENKATESH G
1368.	48S_BE_1199	EXPERIMENTAL STUDY ON CARBON FIBER REINFORCED LIGHTWEIGHT AGGREGATE CONCRETE (CFRLAC)	B.E.	CIVIL ENGINEERING	Prof. BHAVYA S Prof.CHANDRAKALA S	Mr. H S SAI KOUSHIK Mr. AKASH Y R Mr. SURAJ GOWDA N
1369.	48S_BE_0322	DEWEEDING OF PONDS AND LAKES USING TARGET HERBICIDE APPLICATION	B.E.	CIVIL ENGINEERING	Prof. RAVINDRA M V	Mr. M DHANUSH Mr. DURGA PRAKASH REDDY Ms. NIVEDITHA A Mr. GURUDHARSHAN RAJU S
1370.	48S_BE_2579	TO IDENTIFY THE KEY SOIL PARAMETERS THAT EFFECT THE CROP ADAPTABILITY USING OPTIMISED SENSOR TECHNOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. DIVAKAR K M Prof.NARENDRA BABU C	Mr. NEERAJ SHIVANAGOUDA PATIL Mr. N C ARJUN Mr. P S SAI GAGAN Mr. RAVULA CHERUVU NITHIN KUMAR REDDY

1371.	48S_MTECH_0008	IOT-ENABLED SMART DRAINAGE AND FLOOD PREVENTION SYSTEM FOR SUBWAYS AND UNDERPASS USING ESP MICROCONTROLLER AND CLOUD PLATFORM	M.Tech	DIGITAL COMMUNICATION AND NETWORKING	Prof. ANIL KUMAR R Prof.MADHUKARA S	Ms. GOWTHAMI C M
1372.	48S_BE_1256	AI DRIVEN CHILD SAFETY SYSTEM FOR REAL TIME ABUSE DETECTION AND ALERT MECHANISM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJULA K Mrs. E.N. SRIVANI	Ms. HARINI M S Ms. CHELUVAMBA N R Ms. KAVYA N R Ms. MONISHA D
1373.	48S_BE_1275	BLOOD BLOCKAGE DETECTING DEVICE USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANITHA C Dr. SBHARGAVI	Ms. SANGEETHA V Ms. SHUBHA D Ms. SAMEEKSHA R Mr. N LAKSHMI AVINASH
1374.	48S_BE_1280	SMART DISEASE DETECTION USING ACOUSTIC SENSORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MADHUKARA S Prof. ANIL KUMAR R	Mr. SUNIL KUMAR C Ms. N GANASHREE Mr. T SAI VIGNESH Mr. AMBAREESH E N
1375.	48S_BE_1495	SMARTVISION DROP DISPENSER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJULA K Mrs. E N SRIVANI	Ms. PARINITHA P Ms. NIRMALA A R Ms. MONIKA D A Ms. PREETHI H N
1376.	48S_BE_1509	FUTURISTIC PARKING: ONLINE BOOKING, REALTIME AVAILABILITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.NIRMALADEVI AC Prof.RAMEGOWDA M	Mr. GURU PS Mr. DARSHAN GOWDA T Mr. KG CHANDAN KUMAR Mr. DARSHAN S
1377.	48S_BE_1653	RECOGNITION OF ANTI-MOLESTATION SITUATION USING VOICE AND MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANIL KUMAR R Prof. MADHUKARA S	Mr. MUSHARAF BAIG Mr. MADHUKARAREDDY S Mr. M BHARGAVA NAIDU Mr. KALYAN R
1378.	48S_BE_1747	MULTIMODAL SENSOR FUSION FOR PRECISE HAND MOVEMENT ANALYSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUDHIR P Dr. S. BHARGAVI	Mr. DHODDI MALLIKARJUNA REDDY Ms. CHANDANA PRIYA K V Ms. DODDAMA REDDY GARI SAILAJA Ms. HITAISHI K
1379.	48S_BE_0566	TOOL FOR REAL TIME FEEDS OF CYBER INCIDENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHWETHA G R	Ms. RADHIKA C Ms. A MAHEK SADIA Ms. NAVYA SHREE G V Ms. UTTEJITHA P S
1380.	48S_BE_0572	FAKE SOCIAL MEDIA ACCOUNT DETECTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. AMBIKA L G	Mr. KUSHWANTH GOWDA VS Mr. HARSHA BK Mr. DARSHAN M Mr. HEMANTH S
1381.	48S_MBA_0118	RAIN WATER HARVESTING AND ITS IMPLICATIONS ON HARNESSING THE WATER LEVEL (STUDY AT CHIKKABALLAPUR AND KOLAR DISTRICTS OF KARNATAKA)	M.B.A	M.B.A	Prof. SHRUTHI G Dr. VENKAT RAGHAV S	Ms. RAMYASHREE Ms. PREETHI R Ms. RAKSHITHA HP Ms. REKHA M N
1382.	48S_MBA_0158	SMART CITY APPROACHES TO PEDESTRIAN SAFETY: EVALUATING TECHNOLOGICAL SOLUTIONS AND URBAN PLANNING STRATEGIES	M.B.A	M.B.A	Prof.MANJUNATHA NAIK Dr. I G SRIKANTH	Ms. DHRUVIKA B.J Ms. INCHARA.Y Ms. GAGANASHREE.D Ms. CHANDUSHREE A
1383.	48S_MBA_0186	ANALYZING HOUSEHOLD WASTE SEGREGATION IN CHIKBALLAPUR CITY: BEHAVIORAL TRENDS, AWARENESS LEVELS, AND CHALLENGES	M.B.A	M.B.A	Prof. MANJUNATHA NAIK Dr. I G SRIKANTH	Mr. T MANOJ Mr. SUMANTH K N Mr. SHIVAMURTEESHWAR N C Mr. SURESH H V

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1384.	48S_BE_2446	EVALUATION OF PHYSICO-CHEMICAL PARAMETERS OF GONUR LAKE AND THEREBY ASSESSING THE FEASIBILITY OF THE WATER BODY	B.E.	CIVIL ENGINEERING	Prof. ANUSHA V	Mr. ABHISHEK C J Mr. AMRUTH S Ms. BINDU V Mr. SRINIVAS REDDY D R
1385.	48S_BE_3124	AN EXPERIMENTAL STUDY ON PERMEABLE CONCRETE CEMENT REPLACING BY FLY ASH	B.E.	CIVIL ENGINEERING	Ms. NIKITHA G A	Mr. YADUNANDANA K Mr. WASEEM AKRAM S Ms. SHIFA H Mr. SHIVARAJA H
1386.	48S_BE_0237	AGRICULTURAL EQUIPMENTS RENTAL SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAMESH B E	Mr. CHANNABASAIAH M M Ms. AHALYA S Mr. AMRESHA Mr. MANJUNATH HATTARAKI
1387.	48S_BE_4465	INTELLIGENT AUTOMATIC WASTE SEGREGATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAGHU S	Ms. PAVITHRA R Ms. DEVIKA S Mr. PURUSHOTHAM T P Mr. SUJITH G R

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Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1388.	48S_BE_2439	BREATHE BETTER: A SOLUTION FOR CLEANER AIR	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mrs. DEEPTHI L	Ms. SHREYA Ms. MADHUMITHA T Ms. PRAJNA Ms. YASHNIKA RAI S
1389.	48S_BE_2451	AI-DRISHTI: A GUIDING DEVICE FOR THE VISUALLY IMPAIRED	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr.PUSHPALATHA K	Mr. PREM Y Mr. AYMAN MOHAMMED ABBAS Mr. MUHAMMAD MURSHID Mr. SANTOSH ASHOK NAIK
1390.	48S_BE_2676	AROGYA SAMVAD : EMPOWERING COMMUNICATION FOR INDIVIDUALS WITH MOTOR IMPAIRMENT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr.PUSHPALATHA K	Ms. VARSHA RAO Ms. ADVIKA YENGDE Ms. K SAKSHI R KINI Ms. PRITHVI U PAI
1391.	48S_BE_2941	EMPOWERING WILDLIFE CONSERVATION THROUGH REAL-TIME ANTI-POACHING SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr.GURUSIDDAYYA HIREMATH	Mr. HARSHITH N Mr. PAVAN P N Ms. SOUJANYA Mr. SRIKARA R
1392.	48S_BE_2455	HONEY ADULTERATION DETECTION USING MICROSCOPIC IMAGES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. GANARAJ K	Ms. VASUDHA Ms. AMRUTA DINESH SHINGANKULI Ms. SMRITHI RAMESH Ms. SINCHANA
1393.	48S_BE_2462	AI POWERED WEARABLE NAVIGATION AID FOR VISUALLY IMPAIRED	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr.SHARATHCHANDRA N R	Mr. MOHAMMAD ANZIL PARVEEZ Mr. RAHIL IBRAHIM K Mr. RAKSHITH RAO Mr. SUJAN KUMAR SHETTY
1394.	48S_BE_2783	SMART CASHEW QUALITY DETECTION AND SORTING USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. SANDRA JEYES	Mr. H.VIJAYENDRA SHENOY Mr. VENUGOPAL ANKOLEKAR Mr. MOHAMMED MUHSEEN
1395.	48S_BE_0869	SMART WATER TURBIDITY AND PIPELINE MANAGEMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SRIVIDYA S	Mr. PRAJNESH KUMAR Mr. KARAN SHETTY Mr. MITHIL M PRABHU Mr. SUHAS M MURDESHWAR
1396.	48S_BE_0109	REAL-TIME IMAGING AND RAPID RESPONSE SYSTEM WITH AUTONOMOUS DRONES FOR MILITARY APPLICATIONS	B.E.	DATA SCIENCE	Mrs. AISHWARYA M BHAT	Mr. MAHAAN N BHAT Mr. ZEESHAAN S SHAIKH Mr. SIDHARTH S NAIK
1397.	48S_BE_0135	THYRONET: REFINED THYROID NODULE ANALYSIS	B.E.	DATA SCIENCE	Mrs. SHWETHA S SHETTY	Ms. CHIRASMITA SANTOSH SALIAN Ms. KAVYA D MANJREKAR Ms. RAO CHAITHANYA HEMACHANDRA Mr. SHETTY ADARSH SURESH
1398.	48S_BE_0156	ECOALERT : SAFEGUARDING WILDLIFE AGAINST POACHING	B.E.	DATA SCIENCE	Dr. SUDHEER SHETTY	Ms. NIHARA Ms. LIMA LOLITA DSOUZA Ms. ADITHI Mr. SAI TEJAS P
1399.	48S_BE_0167	SAFEMINE : ADVANCED MINE HELMET WITH REAL TIME GAS MONITORING AND AUTOMATIC OXYGEN SUPPLY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SMITHA AB	Mr. CP CHIRAG Mr. GURUDEEP Mr. PREETHAM ALVA Ms. SUHANI SM
1400.	48S_BE_0169	DEVELOPMENT OF AN AUTONOMOUS SURFACE VEHICLE FOR REAL TIME AQUATIC ENVIRONMENT MONITORING AND DEPTH MAPPING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. PRAVEEN KUMAR M	Mr. CHIRAG Mr. ABHISHEK NAYAK Mr. AJAY Mr. JEEVAN K
1401.	48S_BE_0173	BORDER IDENTIFICATION AND GEOFENCING ALERT SYSTEM FOR FISHERMEN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ROOPASHREE	Ms. TUSHA P SHETTY Ms. DEEKSHITHA Ms. HARISMITHA Ms. HITHA SHETTY
1402.	48S_BE_0177	ENERGIZEAIR: INTELLIGENT O2 INFUSION MECHANISM FOR SUPERIOR INDOOR AIR QUALITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. SMITHA A.B	Ms. DRISHYA DEVANAND Mr. JOEL RIXON DSOUZA Ms. NEHA DINESH Mr. SAMARTH S KUMAR
1403.	48S_BE_0200	PORTABLE SALINE WATER SYNTHESIZER AND PURIFIER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. ASHOKA A	Mr. SHIVAN V NAIK Mr. VINITH KAMATH G Mr. S VIDHIN KUMAR

1404.	48S_BE_0732	MOBILITY ASSISTANCE FOR AMYOTROPHIC LATERAL SCLEROSIS USING EYE GAZE TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. ABHISHEK A B Ms. PRAPULLA G	Mr. AKSHAY MARUTI SHET Ms. KHUSHI B SHETTY Mr. SRUJAL BIRADAR Ms. VIDHISHA SHEETY
1405.	48S_MBA_0023	PRODUCTION OF BIOFUEL THROUGH ORGANIC WASTE	M.B.A	FINANCE	Mr. ANIRUDH R BHAT	Ms. SUNEESHMA S SHETTY Mr. VARUN B KOTIAN Mr. RAKESH N Ms. KEERTHANA K DEVADIGA
1406.	48S_BE_0096	DEVELOPMENT OF WEARABLE SEIZURE DETECTION DEVICE FOR EPILEPSY MANAGEMENT USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RITHESH PAKKALA P.	Mr. SHREEKARA B Mr. PRADYUMNA P Mr. HEMANTH B G Mr. KEERTHI PRASAD KALLURAYA M
1407.	48S_BE_0099	TOPICAL CYCLONE INTENSITY ESTIMATION AND PATH PREDICTION MOEDL USING DEEP LEARNING WITH SATELLITE IMAGES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. HARINAKSHI C	Mr. SUJITH Mr. JYOTHI KIRANAKUMARA Mr. MAHADEVAPRASAD Mr. PRAJWAL L
1408.	48S_BE_0143	CROP RECOMMENDATION USING ML FOR THE STATE OF KARNATAKA	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRAJNA U R	Ms. SAPNA YADAV Ms. APOORVA SHETTY Ms. DEVIKA RAJ Ms. GOPIKA RAJ
1409.	48S_BE_0159	AI-POWERED BUS TICKET VERIFICATION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. AKHILA THEJASWI R	Ms. VARSHA ACHARYA Mr. NIHAR R NAIK Mr. MANOJ J Mr. KP SHASHANK
1410.	48S_BE_2416	AI BASED SMART INSPECTION OF PCB FOR DEFECT DETECTION	B.E.	INTERDISCIPLINARY	Mr.SHARATHCHANDRA N R Dr.RATHISHACHANDRA R GATTI	Mr. SHREEVATHSA E K Mr. NACHIKETH S KOTIAN Mr. HARSHAL ADYANTHAYA Mr. SPURAN RAI
1411.	48S_MBA_0021	REVOLUTIONING HYDRATION, THE ELECTRONIC WATER BOTTLE	M.B.A	M.B.A	Prof. PADMANABHA B	Mr. GURUPRASAD H Mr. KOWSHIK K D Ms. GAUTHAMI M N Ms. POOJARY SHIPRA ARUN
1412.	48S_MBA_0025	E-WASTE MANAGEMENT	M.B.A	M.B.A	Mr. AWIN ERIC CUTINHA	Ms. ANUSHA R AMIN Mr. DARSHAN SHETTY Ms. MANISHA Mr. SURAJ ALVA
1413.	48S_MBA_0026	EXPLORING THE IMPACT OF SOCIAL MEDIA MARKETING ON PUBLIC HEALTH AWARENESS IN RURAL COMMUNITIES	M.B.A	M.B.A	Dr. PRIMA DSOUZA	Ms. SHEETAL Ms. MEGHASHREE Mr. PRATHIK SHETTY Mr. ALAN SHOUN LOBO
1414.	48S_MBA_0033	ECO GROW: BIODEGRADABLE POTS FROM COW DUNG AND AGRI-WASTE	M.B.A	M.B.A	Prof. RAMESH K G	Mr. NISHANTH B B Ms. N V RASHMITHA Ms. SOUJANYA RAJMOHAN Ms. PADMASHREE
1415.	48S_BE_0642	PERFORMANCE, COMBUSTION AND EMISSION ANALYSIS OF BIODIESEL FROM TERNARY BLENDS OF SAFFLOWER OIL, MUTTON TALLOW AND WASTE COCONUT OIL IN A DIESEL ENGINE	B.E.	MECHANICAL ENGINEERING	Dr. AJITH B S	Mr. JEEVAN S Mr. ANIRUD C P Mr. EKAGRATH D GANIGA Mr. HARSHA G
1416.	48S_BE_0884	DESIGN AND DEVELOPMENT OF AUTOMATIC PILL DISPENSER FOR ELDERLY CARE	B.E.	MECHANICAL ENGINEERING	Mr. ABHISHEK K	Mr. RAVISHANKAR K S Mr. GURUCHARAN NAYAK K Mr. RAM RATHAN SHETTY Mr. MOHAMMED SIFRAN
1417.	48S_BE_1374	DESIGN AND DEVELOPMENT OF VERTICAL AXIS WIND TURBINE FOR AERODYNAMIC ENHACEMENTS	B.E.	MECHANICAL ENGINEERING	Dr. SHANKARA MURTHY H M Dr. AJITH B S	Mr. MOHAMMED SHIHAN SHEIKH Mr. ADITYA AVINASH Mr. ARYAN RAO Mr. RAHUL B HEGDE
1418.	48S_BE_0894	DESIGN AND DEVELOPMENT OF INTELLIGENT MOBILITY SUPPORT SYSTEM FOR PHYSICALLY IMPAIRED INDIVIDUALS USING ROBOT OPERATING SYSTEM (ROS2) AND MACHINE LEARNING MODELS	B.E.	ROBOTICS AND AUTOMATION	Mr. SUHAS	Mr. ANIRUDDHA WAGLE K Mr. ASHISH S TALEKAR Mr. ROHAN BALAMKAR Mr. KAILAS RAI D
1419.	48S_BE_1048	DESIGN AND DEVELOPMENT OF ANTI-TREMOR SOFT-ROBOTIC EXOSKELETON FOR DAMPING HAND TREMORS FOR ELDERLY AND PHT PATIENTS	B.E.	ROBOTICS AND AUTOMATION	Dr.RATHISHCHANDRA R GATTI	Ms. DISHA N Ms. N BHAVANA NAYAK Ms. SHARVARI RAI Ms. VASUNDARA

154. SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1420.	48S_BE_4929	ROBOUST HUMP AND POTHOLE DETECTION USING DEEP LEARNING FOR ENHANCED ROAD SAFETY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. T G MANJUNATH	Mr. ANIKET KUMAR Mr. DAKSHITH M GOWDA Mr. DINESH CHOWDARY Mr. TALARI SAI KRISHNA
1421.	48S_BE_5170	AUTOMATED BLOOD GROUP IDENTIFICATION THROUGH BIOMETRICS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. GEETHA M Mr. KUMARESH SHEELAVANT	Ms. HIMA BINDU N Ms. SHARVANI T R
1422.	48S_BE_5353	BRAIN TUMOR DETECTION USING MACHINE LEARNING AND SIMULATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ANITHA M C	Ms. MEGHASHREE MD Ms. BUSHRA SYEEDA Ms. SHREYA Ms. SHRUTHA
1423.	48S_BE_5533	NEXT WORD PREDICTION OF A SENTENCE USING AI	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr.VIKRAMATHITHAN A C Dr. MANJUNATH T G	Ms. C S VARSHA SREE Ms. GANESH GARI JHANSI Ms. PUPPALA RUTHVIKA
1424.	48S_BE_5661	CHAT WITH MULTIPLE PDF'S USING GOOGLE GENERATIVE AI	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. T G MANJUNATH Mrs. SHILPA PATIL	Mr. SAI DHANESH B Mr. DARSHAN ADITYA R K Ms. IMPANA G Ms. MOULYA TM
1425.	48S_BE_1345	ADVANCED PARKING SYSTEM USING MAGNETIC SENSORS	B.E.	CIVIL ENGINEERING	Mr. GOWTHAM .B Prof. ESHWARAJ	Ms. SUNIDHI S GHALAGI Mr. MOHITH HC
1426.	48S_BE_0930	REAL TIME DIABETES PREDICTION USING EMBEDDED SYSTEM AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VINOD DESAI Dr. VARUN E	Mr. V GNANA MURALI Mr. CHINMAY R DHADAVE Ms. NEHA C G Ms. NISHITHA G
1427.	48S_BE_0947	ADAPTIVE REAL-TIME PPE COMPLIANCE MONITORING WITH MULTI-CHANNEL ALERTS AND SECURE WEB ACCESS FOR INDUSTRIAL SAFETY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. MADHURA N. Dr. VARUN E.	Mr. AJAY CHAVAN Mr. HARSHIT RAJ ARYA Mr. NAGANANDA RAJESH HEGDE Mr. PRINCE BHARDWAJ
1428.	48S_BE_2227	ECOMMERCE WEBSITE FOR VISUALLY IMPAIRED PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. POORNIMA GOWDA H S Dr. SHASHI KUMAR D R	Mr. DEEPAK CHOWDARY M Mr. ABHAY RAM J Mr. RAKSHITH B R Mr. SAI RAKSHITH V
1429.	48S_BE_1321	EMPOWER HER: ENHANCING WOMENS MOBILITY WITH IOT	B.E.	DATA SCIENCE	Dr. NAGASHREE N Prof. PAVITHRA B	Mr. I SREENATH ADITHYA Mr. AKASH B V Mr. S SUJITH PAI Mr. PAVAN GOWDA C B
1430.	48S_BE_2280	ORAL CANCER DETECTION USING AI & ML	B.E.	DATA SCIENCE	Dr. NAGASHREE N Dr. G DHIVYASRI	Ms. GAGANA SANTHOSH Ms. ALAVALA SRIVARNA Ms. K MOUNIKA Ms. SHILPA H S
1431.	48S_BE_2294	SECURE ENHANCEMENT FOR FORENSIC EVIDENCE USING BLOCKCHAIN	B.E.	DATA SCIENCE	Dr. G DHIVYASRI Dr. NAGASHREE N	Ms. HARSHITHA K S Ms. SHRUTHI B C Ms. PAVITRA BHASKAR Mr. VAIBHAV BHUSHAN
1432.	48S_BE_2489	TWO WAY SIGN LANGUAGE TRANSLATOR	B.E.	DATA SCIENCE	Dr. NAGASHREE N Mr. AMARNATH B PATIL	Ms. SHREYA C Ms. SHIVANI B Ms. NALINA L Ms. SHILPA J
1433.	48S_BE_2918	SPEECH-ENABLED DISEASE IDENTIFICATION USING ARTIFICIAL INTELLIGENCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VANI B P	Mr. ADITYA RANJAN Mr. KAPIL YADAV Mr. INESH N GANGAPUR Mr. PRASANNA M
1434.	48S_BE_2488	SMARTVISION: AI POWERED HUMAN SUSPICIOUS ACTIVITY DETECTION AND ALERT SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. DANIEL D	Mr. DARSHAN HEGDE Mr. SHARATH Mr. K M GURURAJ Mr. TEJAS PRAKASH KAVRI
1435.	48S_BE_5676	CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIJAYASHREE R BUDYAL	Mr. K GANESH Mr. UDAY KIRAN S Mr. YUVARAJ T HONDAD Mr. PRASHANTHA KUMAR
1436.	48S_BE_3046	A COMPREHENSIVE FRAMEWORK FOR MULTIORGAN DISEASE DETECTION AND CLASSIFICATION USING DEEP LEARNING TECHNIQUES	B.E.	INTERDISCIPLINARY	Dr. SHANTAKUMAR B PATIL Prof. SWATHI C S	Ms. ISHIKA GUPTA Ms. PUSPLATA SINGH Ms. RASI SHARMA Ms. ARSHIYA JABEEN
1437.	48S_MBA_0177	AN EMPIRICAL STUDY ON CONSTRAINTS AND SUGGESTIONS EXPRESSED BY THE BENEFICIARIES & NON-BENEFICIARIES OF KRISHI BHAGYA SCHEME IN KOLAR DISTRICT	M.B.A	M.B.A	Dr. NAVEEN G Prof. UDAYA S	Mr. PAVAN KUMAR T Ms. AISHWARYA KAMATH Ms. PARINITHA N Ms. BHAVANA H

155. SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1438.	48S_BE_0505	ARmor RIDE WITH AUGMENTED SAFETY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. JYOTHI S S	Mr. DARSHAN R Ms. DEEKSHA M Ms. M KUSUMA
1439.	48S_BE_0582	MULTI MODEL EMOTION RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ANURADHA U	Ms. R PAVITHRA Ms. PREMA P Ms. NANDINI S Ms. SAGARIKA J
1440.	48S_BE_1066	DEVICE DOSSIER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. M. GIRIDHAR RAO	Mr. YEDIMALA RAVIKANTH Ms. YAMA HYNDAVI Mr. YASHWANTH K P Mr. SHEKAR J
1441.	48S_BE_1286	INTELLI COOP: ADVANCED MONITORING SYSTEM FOR PRECISION POULTRY FARMING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. BHARGAVI ARUN KULKARNI	Ms. G BHAVANA Ms. SOUNDARYA M. R. Mr. SUMANTH J Mr. VIKAS Y
1442.	48S_BE_1397	FORTIFYX: THE RISK RANGER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANUPAMA HONGAL	Mr. MAHENDAR. R Mr. PRASANNA. R Mr. RAJESH DB Mr. SUHAS REDDY
1443.	48S_BE_1415	GRIDIQ360 : SMART DETECTION AND SURVEILLANCE FOR POWER SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANUPAMA HONGAL	Ms. SHILPA K Ms. SABITA DAS Ms. S HARSHITHA Ms. PRERANA M
1444.	48S_BE_1424	CURVEGUARD - A HAIRPIN BEND ACCIDENT PREVENTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. S. SOWNDESWARI	Mr. DEEPAK D R Mr. CHANDAN K Mr. SANJAY T Mr. VIGNESH D
1445.	48S_BE_2993	IOT BASED AUTOMATED PARALYZED PATIENT HEALTHCARE SYSTEM USING AUDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. C SRIVANI	Mr. RUPESH KUMAR GUPTA Mr. ANKIT ANURAG Mr. RAM KRISHNA Ms. RUTHIKA K SHETTY

156. SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1446.	48S_BE_4348	ISOLATION AND CHARACTERIZATION OF ENDOPHYTIC FUNGI FROM LEAVES OF SALVIA OFFICINALIS DETERMINING IT'S BIOACTIVITIES AND FORMULATION OF POTENTIAL ANTI-INFLAMMATORY WOUND HEALING CREAM	B.E.	BIOTECHNOLOGY	Dr. GOURI MIRJI Dr. SOUMYA C	Mr. SRINIVASAN R Mr. DARSHAN P Mr. HEMANTH KUMAR D Mr. NANDAN R BARADE
1447.	48S_BE_6336	DESIGN AND DEVELOPMENT OF SMART BIKE SIDE STAND	B.E.	MECHANICAL ENGINEERING	Prof. NATARAJ H.N	Mr. PAVAN KUMAR BN Mr. GAHAN AD Mr. LIKHITH N Mr. CHANDAN A

157. SCHOOL OF SCIENCES, JAIN (DEEMED TO BE UNIVERSITY), BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1448.	48S_MSC_0292	NANO PAPAYARX: REVOLUTIONIZING CANCER AND HEPATOPROTECTION WITH BIO-SILVER NANOPARTICLES	M.Sc	ALLIED HEALTHCARE AND SCIENCES	Prof. YASRIB QURISHI Dr. VISHAL KALEBUR	Ms. RAHEENA N Ms. NIKITHA N Ms. ABANTIKA CHAKRAVARTY
1449.	48S_MSC_0058	DEVELOPMENT OF A NANJANGUD RASA BALE BANANA-BASED HEALTH BAR	M.Sc	BIOCHEMISTRY	Dr.CHAITANYA PANDIT	Mr. CHANDAN KUMARA K K Ms. HARSHITHA V B
1450.	48S_MSC_0334	CINNAMOMUM VERUM-DERIVED NANOPARTICLES: SYNERGISTIC ANTICANCER EFFICACY AND HEPATOPROTECTIVE MECHANISMS	M.Sc	CANCER BIOLOGY	Dr. VISHAL U KALEBAR Dr. YASRIB QURISHI	Ms. VIDHISHA DEEPAK CHUGH Ms. SHILPI Ms. KEERTHANA SHYAM Ms. KEERTHANA DINESH
1451.	48S_MSC_0039	ISOLATION AND CHARACTERIZATION OF PGPR FROM RHIZOSPHERES TO MITIGATE DROUGHT CONDITIONS	M.Sc	LIFE SCIENCE	Dr.KUMUDINI BELUR SATYAN	Mr. PALASH KUMAR U Mr. P P GAURAV Ms. SAHANA S

158. SDM COLLEGE OF BUSINESS MANAGEMENT POST GRADUATE CENTRE FOR MANAGEMENT STUDIES AND RESEARCH, MANGALORE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1452.	48S_MBA_0001	GUARDIANS OF THE ROAD, VICTIMS OF THE AIR: A STUDY ON HEALTH IMPACTS OF TRAFFIC POLLUTION ON UNDIVIDED DAKSHINA KANNADA DISTRICT TRAFFIC POLICE	M.B.A	M.B.A	Mrs. SUMATHI	Ms. THEJASWI A. Mr. GURUKIRAN RAI K. Mr. PRAJNESH M. Mr. PRAMOD P. HOLLA
1453.	48S_MBA_0009	SHAKTHI SCHEME - FREE BUS TRAVEL FOR WOMEN: IMPACT ANALYSIS ON FINANCIAL ALLOCATION AND ENVIRONMENT IN DAKSHINA KANNADA DISTRICT	M.B.A	M.B.A	Dr. SEEMA S. SHENOY	Ms. RANJITA RAMESH BHAT Ms. KAVYA K SHETTY Mr. SHRIJITH KUMAR Ms. SHRAVYA
1454.	48S_MBA_0010	ASSESSING AWARENESS OF AYUSHMAN BHARATH HEALTH ACCOUNT CARD (ABHA) AND PATIENT DATA MANAGEMENT PRACTICES AMONG RESIDENTS OF DAKSHINA KANNADA	M.B.A	M.B.A	Mr. DAWN PRAKASH	Mr. VIGNESH NAYAK Mr. ALASTAIR KEVIN BANGERA Mr. SANTHOSH Mr. SWASTIK HEGDE

159. SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1455.	48S_BE_3626	ENHANCING THE ANAEROBIC SLUDGE CHARACTERISTICS AND INORGANIC IMPURITIES REMOVAL FROM SYNTHESIS WASTEWATER THROUGH INTEGRATION OF ELECTROCOAGULATION PROCESS WITH UP FLOW ANAEROBIC SLUDGE BLANKET REACTOR	B.E.	CIVIL ENGINEERING	Dr. CHETAN MAROL	Ms. SANIYA.Z.KALADGI Ms. NIDA HABIBA.N.CHATTARKI Ms. SAHEBA.S.NADAF Ms. LAXMI.B.NAYAK
1456.	48S_BE_3627	REMEDIATION OF TEXTILE WASTEWATER BY HYBRID TECHIQUE USING Z1F-16 CATALYZED OZINATION COUPLED WITH FLOCCULATION SEDIMENTATION PROCESS	B.E.	CIVIL ENGINEERING	Prof. CHETAN MAROL	Mr. PRATIK S NAIK Mr. SUNIL DASHAVANT Mr. SIDDALINGAYYA HIREMATH Mr. VINOD PAWAR
1457.	48S_BE_5485	IOT BASED GESTURE VOCALIZER GLOVE FOR DEAF AND DUMB PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ASLAM .J. KARJAGI	Ms. MISBA AKTHAR INAMDAR Ms. MAHABUBBI .H. JAMADAR Ms. FIRDOS RAJNAL Ms. ISHRAT HIPPERGI
1458.	48S_BE_4398	IOT-ENABLED SMART WATER BILLING SYSTEM FOR APARTMENTS WITH ANDROID INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MD. ZIAULLAH Prof. AARIF MAKANDAR	Mr.MAHAMMADSHOAIB MULLA Mr. SAMEER SARALAYA Mr. PRANAV PATIL
1459.	48S_BE_5607	BILL PREDICTION AND POWER FACTOR MEASURING WITH SMS ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. UZMA SATTEEKAR Prof. MALLANAGOUDA CHIKKOND	Ms. ASFIYAKOUSAR GOLASANGI Ms. ASHA ZALAKI Ms. BIBI FATIMA TENNALLI Ms. GAIKWAD SONU RAJU
1460.	48S_BE_5631	INTELLIGENT HIGHWAY FOR CONTROLLING SPEED OF VEHICLES IN RESTRICTED AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MALLANAGOUD CHIKKOND Dr. MOHAMMAD ZIAULLAH	Mr. MOHAMMED AKBAR INAMDAR Mr. AFTABAHMED BHAIRWADGI Mr. MAHAMMAD FARDEEN M ZARIWALE
1461.	48S_BE_3826	TROUBLE FREE AGRICULTURAL EQUIPMENT FOR CUTTING MAJOR NON IRRIGATED CROPS OF NORTH KARNATAKA REGION	B.E.	MECHANICAL ENGINEERING	Dr. SYED ABBAS ALI Mr. ALTAF HUSSAIN BAGWAN	Mr. VIVEK REDDY Mr. SATISH APARAJAR Mr. SANJEEV BUDIHAL Ms. VAISHALI BIRADAR

160. SHARNBASVA UNIVERSITY, KALABURAGI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1462.	48S_BE_4697	ECOVISION PORTABLE PLANT RECOGNITION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SUPRIYA BAGEWADI	Ms. REHANA BANU Ms. TASNEEM SULTANA Ms. AUSHKA
1463.	48S_BE_5889	DESIGN AND DEVELOPMENT OF IOT BASED SMART TOLL BOOTH SYSTEM USING ARDUINO	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. RATNAKALA PATIL	Ms. NAMRATA.J.PATIL Ms. SNEHA GOULE Ms. SHWETA NARONI Ms. KAVYA PATIL
1464.	48S_BE_6030	IOT-POWERED EMERGENCY BUTTON FOR WOMEN'S SAFETY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SUJATA MALLAPUR	Ms.KARUNYAHANSIKA.G.PATIL Ms. POOJA.WARVATTE Ms. VAISHNAVI.N.M Ms. VAISHNAVI.ARYA

1465.	48S_BE_6051	AUDIO TEXT AND IMAGE TRANSMISSION WITH LIFI TECHNOLOGY USING ESP32 CAMERA AND PYTHON	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. NIRUPAMA	Ms. MITALI M KUMANE Ms. MANAVI REDDY Ms. NITTYASHREE C SURPUR Ms. NIDA .FATIMA
1466.	48S_BE_6239	SMART TRAFFIC CONTROL APPROACH FOR EMERGENCY VEHICLE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. RASHMI PATIL	Ms. DANISHTA FATIMA Ms. ALVEERA AIMAN KHANAM Ms. SADIYA FATIMA Ms. DISHA
1467.	48S_BE_5989	MAXIMIZING EFFICIENCY IN RESIDENTIAL BUILDING DESIGN: THE ROLE OF BIM IN VISUALIZATION AND PROCESS OPTIMIZATION COMPARED TO CAD	B.E.	CIVIL ENGINEERING	Ms.SAKSHESHWARI Mrs. PREETI ARAKERI	Ms. KUMUDA Ms. AISHWARYA Ms. N BHAVANA Ms. PAVITRA
1468.	48S_BE_6365	TRAFFIC DENSITY CONTROL WITH ANDROID OVERRIDE USING AVR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. NANDINI V PATIL Prof.AKKANAGAMMA	Ms. POOJA SIDRAMAPPA MALIBIRADAR Ms. VAISHNAVI Ms. SNEHA Ms. BASAVARATANA
1469.	48S_BE_4643	HEATING AND COOLING SUITE FOR MILITARY PEOPLE AND LOCATION TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAGAVENI K Mrs. LAXMI PATIL	Ms. VIJAYLAKSHMI Ms. SUCHITA Ms. VIJAYALAXMI Ms. SHREENIDHI
1470.	48S_BE_4644	SMART TRAIN ENGINE WITH OBSTACLE DETECTION AND RAILWAY GATE CONTROL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHIVLEELA REVOOR Dr. SANGEETA PATIL	Ms. SOUMYA KANKARI Ms. SAKSHI Ms. SUSHMA MYAGERI Ms. RAJNI
1471.	48S_BE_4667	GSM BASED MULTI-PARAMETER INDUSTRIAL MOTOR CONTROL AND MONITOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRAVEEN HIPPARGE Dr.SHIVAKUMAR JAWALIGI	Mr. PAVAN Mr. SAIKIRAN CHANDAPUR Mr. SHASHANK.S.WALI Mr. SHRINIVAS KULKARNI
1472.	48S_BE_5240	WOMEN SAFETY BANGLES WITH TRACKING ALERTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. BHAVANI R Prof. SHOBHANA	Ms. SOUMYA Ms. SHARANAMMA Ms. POOJA Ms. PRATIBHA
1473.	48S_BE_5653	A PORTABLE VENTILATOR WITH AUTONOMOUS ROBOTIC MOVEMENT FOR PATIENT CARE AND MOBILITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. VANITA K Mrs.SHIVGANGA PATIL	Ms. RATNASHREE P MALLSHETTY Ms. SHWETA BHIKAMALE Ms. VAISHNAVI HARKUDE
1474.	48S_BE_5788	AUTOMATIC FIRE EXTINGUISHER USING SMART CAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARNU KORISHETTY Dr.SHIVAKUMAR JAWALIGI	Mr. VIVEK Mr. BASAVARAJ Mr. SHARANABASAPPA Mr. SHREYAS
1475.	48S_BE_6167	IOT BASED SMART AIRBAG DEPLOYMENT SYSTEM IN TWO WHEELERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.RATNAMALA. S. PATIL Prof. ABHILASHA A. PATIL	Ms. VAIDEHI KABA Ms. SYEDA AFIFA FATIMA Ms. SIMRAN SANIYA Ms. SABA FARHEEN
1476.	48S_BE_4658	INFLUENCE OF MAGNETO-HYDRODYNAMIC ON COSINE CONVEX CURVED PLATE WITH NON-NEWTONIAN FLUID -A SLIP VELOCITY MODEL	B.E.	ENERGY SYSTEMS AND MANAGEMENT	Dr. JAGADISH B PATIL	Mr. ADARSH Mr. RAHUL Mr. SUNIL
1477.	48S_MSC_0210	THE MHD, COUPLE STRESS, POROSITY AND SLIP VELOCITY EFFECT ON THE PERFORMANCE OF THE BEARING	M.Sc	MATHEMATICS	Mr. RAMESH KEMPEPATIL	Ms. ARCHANA RAVINDRA Ms. CHANDANA MAGI Ms. AMBIKA KAMALAKAR Ms. SHIVALEELA MAGI
1478.	48S_MSC_0059	INVESTIGATING REPRODUCTIVE TOXICITY OF CARBOFURAN IN MALE ALBINO RAT WITH MECHANISTIC INSIGHTS	M.Sc	ZOOLOGY	Mr. VISHAWJIT BASAVARAJ DAREKAR Mr. MAHESH TANWADE	Ms. BHAVANI DINDURE Mr. KAUSTUBH DESHMUKH Ms. SHAGUFTA CHOUDRI Ms. SWATI S REDDY

161. SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1479.	48S_BE_3569	SMART-PAID	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.CHANDRAKALA V PATIL	Mr. VINAY S BUDDHI Mr. SANNI KUMAR Mr. SOMESH HOTKAR Mr. SUMEET HIBARE
1480.	48S_BE_3607	INTELLIGENT SYMPTOM BASED HEALTH ADVISIOR (SMART CARE).	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHANDRAKALA V PATIL	Mr. SHARANU J M Mr. ABHISHEK S MANGALAWEDHE Ms. ARUNDHATI Ms. BHAGYASHREE M HANDI

1481.	48S_BE_5100	ELECTRICITY PRODUCTION USING BIOGAS FOR RURAL AREA	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. GURURAJ SAJJAN	Ms. SNEHA
1482.	48S_BE_5128	SMART AMBU-BAG COMPRESSION MACHINE FOR LOW- COST VENTILATORS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.DATTATRAYA RAGHOJI	Mr. SYED UZAIR

162. SHREE DEVI INSTITUTE OF TECHNOLOGY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1483.	48S_BE_5535	COLD GAS THERUSTERS	B.E.	AERONAUTICAL ENGINEERING	Mr. MOHAMMED HASHIM	Mr. BHARATH M Mr. DHANUSH K Mr. K H MOHAMMED HASAN Mr. MOHAMMED RIMAZ MIKDAAD
1484.	48S_BE_4863	LUNG CANCER DISEASE DETECTION BASED ON DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NISHA VERONICA COUTINO	Ms. POOJANA S Ms. SHREYA S ACHARYA Ms. NISHA K Ms. DEEKSHA

163. SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1485.	48S_BE_1651	AUDIO BASED BIRD SPECIES RECOGNITION SYSTEM USING DEEP LEARNING AND MACHINE LEARNING ALGORITHMS FOR BIODIVERSITY, CLIMATE CHANGE AND WILDLIFE MONITORING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mr. BALACHANDRA R JOGI	Ms. K VAISHNAVI BHAT Ms. ANANYA SHETTY Mr. K ANEESH BHAT Ms. NIDHI PATKAR
1486.	48S_BE_2475	MULTIPLE DISEASE PREDICTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. GANESHA PRASAD	Ms. NEHA DINESH SHETTIGAR Ms. DISHA P U Ms. HITHASHREE Ms. NIDHI PRABHU K
1487.	48S_BE_5446	AI VIRTUAL MOUSE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. VIGHNESH SHENOY	Ms. RAKSHA SHETTY Ms. ASHA Ms. AMRUTHA V NAYAK Mr. DEVRAM S
1488.	48S_BE_2367	AUTOMATED CONSTRUCTION LABOR BILLING APPLICATION FOR UDUPI REGION	B.E.	CIVIL ENGINEERING	Mr. ROSHAN S KOTIAN	Mr. K SATHVIK ACHARYA Mr. ARYAN RAJ Mr. VEERRASEKHARA G
1489.	48S_BE_2569	SUSTAINABLE PERVIOUS INTERLOCKING PAVER BLOCKS	B.E.	CIVIL ENGINEERING	Mr. SUNIL S HALDANKAR	Mr. VINAY KUMAR Mr. SUHAS KANCHAN Mr. KIRAN P
1490.	48S_BE_2600	USE OF ARECA NUT HUSK ASH AND ALKALI AS A PARTIAL REPLACEMENT OF CEMENT IN ECO-FRIENDLY CONCRETE	B.E.	CIVIL ENGINEERING	Mr. MADHUSOODHANA RAO N	Mr. PARIKSHITH NAYAK Mr. YASH KUMAR Mr. ANNAPPA

164. SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1491.	48S_BE_4760	AI-POWERED RAILWAY SAFETY AND SMART TICKETING SYSTEM FOR COLLISION PREVENTION AND PASSENGER PROTECTION	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. SAMHITHA SHANTAMURTY	Mr. SRINIDHI SH Mr. BHARATH KUMAR P Mr. PRASHANT GM Mr. DARSHAN GK
1492.	48S_BE_5669	REAL TIME STOCK TREND ANALYSIS USING NEWS SENTIMENT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. GIRISH L	Mr. NIRANJAN K V Mr. T M YUVA PRASAD Mr. ULLAS P M Mr. SRINIVASULU V
1493.	48S_BE_6311	THE CLAIRVOYANT BREAST CANCER INTELLIGENCE PLATFORM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. GIRISH L Prof. KOTRAMMA MATHADA	Ms. MUTHAHIREEN Ms. FATHIMA MUSKAN Ms. NOOR-UL-HUDA Mr. SUHAS JK
1494.	48S_BE_5004	PRODUCTION OF SUSTAINABLE BITUMINOUS CONCRETE MIX USING RECYCLED AGGREGATES	B.E.	CIVIL ENGINEERING	Mr. PRAKASH J	Mr. DARSHAN T J Mr. CHANDAN KUMAR CHAUDHARY Mr. RANJITH V
1495.	48S_BE_6460	SMART MEETING SCHEDULER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRANATHI P	Mr. YOGITH SIDDESHWAR G Ms. LAXMI S Ms. ROJA G
1496.	48S_BE_5438	UNDERSTANDING ATTRIBUTE-BASED ACCESS CONTROL FOR MODELLING AND ANALYSING HEALTHCARE PROFESSIONALS SECURITY PRACTICES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SUTHAN	Ms. SOWMYASHRI S Ms. P.A. NIVEDITHA Ms. SUMA M T Ms. SARANYA B

1497.	48S_BE_5870	SOCIAL MEDIA-DRIVEN STOCK PRICE PREDICTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJULA H NEBAGIRI	Mr. PUNITH KUMAR H S Mr. PUNITH G R Mr. HITESH KUMAR H Mr. PUNEETH KUMAR R
1498.	48S_BE_4819	RAILWAY TRACK CRACK DETECTION AND ALERT MESSAGE BY IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. TANUJA K S	Mr. SHASHANK TALAWAR Mr. ANANDA NAYAKA KS Mr. VIJAYA DEVADIGA Mr. SIDDESHA S B
1499.	48S_BE_1021	BE MY EYES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. CHARAN K V Dr. REKHA H	Mr. ABDUL HADY Mr. ABHIJITH B N Mr. KRISHNAMURTHY P G
1500.	48S_MBA_0211	A STUDY ON IMPACT OF ZERO CULTIVATION ON SOIL HEALTH	M.B.A	M.B.A	Dr. PRATHAP B N Mrs. BINDU R	Ms. CHANDANA K M Mr. PUNITH N A Mr. YOGESH C T Mr. SACHIN M G

165. SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1501.	48S_BE_2935	NIFE2O4-GC3N4 NANOCOMPOSITE AS A PHOTOCATALYST FOR EFFECTIVE DEGRADATION OF ORGANIC POLLUTANTS	B.E.	CHEMICAL ENGINEERING	Dr. POORNIMA G. HIREMATH Dr. G. NAGARAJU	Ms. SANJANA
1502.	48S_BE_3055	DURABILITY AND PERFORMANCE OF LIME MORTAR USING KADUKKAI (TERMINALIA CHEBULA)	B.E.	CIVIL ENGINEERING	Dr.NAHUSHANANDA CHAKRAVARTHY H.G	Ms. MANASA HG Ms. HEMA T H Ms. BHOOMIKA KIRAN Mr. SUNIL SINGH
1503.	48S_BE_4521	SUSTAINABLE COCONUT CULTIVATION IN KALPATARU NADU WITH EDGE COMPUTING AND DATA ANALYTICS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRAMOD TC	Mr. MUZAFFAR M MOTIWALE Mr. ADITYA KUMAR MISHRA Mr. ARIF A Mr. EKANSH GUPTA
1504.	48S_BE_2869	SOLAR POWERED SMART IOT DEVICE FOR REAL - TIME MONITERING AND AUTOMATION OF MUSHROOM FARMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHILPASHREE P S	Mr. CHANDRU V Mr. RAMESH G N Mr. CHETAN D Mr. SHRISHAIL LAGALI

166. Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1505.	48S_BE_5460	NANO-DRUG DELIVERY OF ANTI-CANCER DRUG DOXORUBICIN USING TAPIOCA STARCH NANOPARTICLES	B.E.	BIOTECHNOLOGY	Dr. RAJENDRA SINGH C	Ms. VAISHNAVI V Ms. VANDHANA V NAIR Mr. CHIRAG C
1506.	48S_BE_4096	IOT MINING TRACKING AND WORKER SAFETY HELMET	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. THRISHA V S	Ms. BHOOMIKA N B Mr. ARHITH Ms. ARYA A Mr. NIKHIL SHASTRY
1507.	48S_BE_5325	CLEAN TECHNOLOGY USING ALKALINE BASED GREEN HYDROGEN ELECTROLYZER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. P. KEZIA JOY KUMARI	Mr. PRAJWAL.A Ms. PRIYANKA.T Mr. SRIKANTH.S

167. SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1508.	48S_BE_3434	SOIL REMEDIATION USING MICROORGANISMS	B.E.	CIVIL ENGINEERING	Dr.SHIVARAJKUMAR GOUDAR	Mr. MAHAMMADSADHIK B CHIKKERI Mr. MARDANALI I ASHAMMANAVAR Mr. MOHAMMEDMOIN A MIRZA Ms. NAZIMABI M HULLATTI
1509.	48S_BE_5649	CYBERSURAKSHIT: THE WORLD'S FIRST AI-POWERED ANTIVIRUS FOR ANDROID	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VIKRAM SHIROL	Mr. AMRUTESH NAREGAL Ms. ANUSHA ANGADI Ms. CHAITRA MARIGOUDRA Mr. SAGAR SHIVAPPAYYANAMATH
1510.	48S_BE_4344	SMART MUNICIPAL WASTE UTILIZATION FOR ENERGY, CARBON RECYCLING, AND EV CHARGING POWERED BY IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.SHIVALINGAPPA D R Mrs. PRATIMA B KADEKAR	Mr. DEVINDRA PAWAR Ms. ANNAPURNA G KARIKAI Ms. PRIYANKA K. OLEKAR Mr. ROOPESH. MAJJIGUDDA

1511.	48S_BE_4352	GEOTHERM HUMAN ISOLATED ATOMIZER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof.SHIVALINGAPPA.D.R.	Mr.NAGARAJ.H.BEVINMARAD Mr.FAKKIRESH.TIRAKAPPA.NAVHI Mr.KRISHNAPPA.P.SOMARADDI Mr.NAVEENKUMAR.M.SARVADE
1512.	48S_BE_6418	SAFETY INTEGRATED AND ENVIRONMENTAL SOLUTION FOR GHAT ROADS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. PRATIMA B KADEKAR	Mr. SHRIDHAR NAVALI Mr. HARISH D DANADAMANI Mr. RAJSHEKHAR P KARIGAR Ms. AISHWARYA R HIREMATH
1513.	48S_BE_5976	SHAKTIVINIMAYA: A SUSTAINABLE ENERGY SOLUTION (ELECTRICITY GENERATION BY TRASH)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. BASAVARAJ S. SORATUR	Mr. AMIT A AIRODAGI Ms. KRUTIKA SUNKAD Ms. SAHANA KULKARNI
1514.	48S_BE_4017	AI-BASED SMART-CITY SERVICE FINDER: EMPOWERING VISITORS AND LOCAL BUSINESSES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr.SHIVARAJKUMAR HIREMATH	Mr. MANOJ S M Mr. ABHISHEK N A Ms. CHANDANA K A Ms. MEGHANA N P
1515.	48S_BE_4661	MALNUTRITION DETECTION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr.SHIVARAJKUMAR HIREMATH	Ms. PRIYANKA BATTUR Ms. NISCHITA S B Ms. SAHANA S B Ms. UZMABEGUM KANKUDTI
1516.	48S_BE_5621	HEALTHWINGS-SMART NAVIGATION AND GESTURE-CONTROLLED MEDICAL DRONES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRATIMA MAHAPURUSH	Mr. TEJAS SHETTAR Mr. PRAJWAL K S Mr. CHIRANJEEVI HEMANTH S TURKANI Mr. AMARAPPA INAMATI
1517.	48S_BE_1206	DESIGN AND DEVELOPMENT OF LOW COST AUTOMATED GUIDED VEHICLE PROTOTYPE FOR INDUSTRIAL AUTOMATION	B.E.	MECHANICAL ENGINEERING	Prof.SREENIVASA R Mr. RAVI S DURAGANNAVAR	Mr. GANESH M KALAGI Mr. NAVEENKUMAR S IMMADI Mr. RAKESH M DALAWAI Mr. RAMARUDH M RAMODAGI

168. SRI KRISHNA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1518.	48S_BE_4737	NON-INVASIVE DIABETES DETECTION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. J. DIVYA LAKSHMI	Ms. AMREEN FIRDOSE A Mr. MANU R Ms. RACHANA RK Ms. VARSHINI S

169. SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1519.	48S_BE_5024	A LOW-COST INDOOR POSITIONING SYSTEM USING BLUETOOTH LOW ENERGY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SIVAPRAKASH C	Ms. ANANYA P Ms. ABHINANDA A M Ms. CHANDRAMOULI C G Ms. POOJA RAI
1520.	48S_BE_5787	LIFELENS: AI FOR VISUALLY IMPAIRED	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ANITHA S Dr. SIVAPRAKASH C	Mr. LAVA PRASAD G V Mr. KISHAN H PRABHU Mr. KEVAL S Mr. P THARUN SAIRAM
1521.	48S_BE_5093	BONE CANCER DETECTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. P SUMATHI Dr. SMITHA J A	Ms. JEEVITHA L Ms. AKHILA R Ms. HARSHITHA K N Ms. KAVANA S N
1522.	48S_BE_4995	IDENTIFICATION OF ARTIFICIALLY RIPENED EDIBLE FRUITS AND VEGETABLES USING IOT INTEGRATED WITH AI	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. MALINI K V Dr. RAMYA K	Ms. MEGHANA V Mr. M CHETHAN Mr. PRUTHVI RAJ G Mr. ARJUN M
1523.	48S_BE_4950	SMART KITCHEN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. POONGUZHALI ARUNACHALAM	Ms. SUSHMITHA R KULKARNI Ms. NAGASHREE IRA BADGERI Ms. MEHAK KHAN Ms. MONIKA K
1524.	48S_BE_5458	DESIGN AND DEVELOPMENT OF A MODERN MECHANIZED PEPPER CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. HARISH BABU L Dr. YOGANANDA B S	Mr. RAKSHITH H C Ms. RAGI DIVYA SRI Mr. DARSHAN N Mr. SIVARAM KUMAR R

170. SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1525.	48S_BE_1772	DESIGNING AND DEVELOPING AN INNOVATIVE WEARABLE FALL DETECTION SYSTEM TO SUPPORT THE SAFETY OF GERIATRIC INDIVIDUALS	B.E.	BIOMEDICAL ENGINEERING	Dr.GURUPRASAD S Dr. PURNIMA P S	Mr. ADITYA BHARADWAJ P Mr. OM PRAKASH A
1526.	48S_BE_4458	ADSORPTION OF DYES FROM TEXTILE EFFLUENT USING PARTHENIUM WEED AS LOW COST ADSORBENT - A COLUMN STUDIES AND IOT	B.E.	CIVIL ENGINEERING	Mr. RAKESH M Dr. AKSHAY J	Mr. JAGADEESH H K Mr. NUTHAN K R Mr. S VARUN GANAPATHI Mr. PUNITH N
1527.	48S_BE_4475	SUSTAINABLE DEVELOPMENT OF ALKALI-ACTIVATED CEMENTITIOUS MATERIAL FROM WATER TREATMENT SLUDGE ASH	B.E.	CIVIL ENGINEERING	Prof. GURUPRASAD T N	Ms. ANJALI T Ms. GANAVI V L Ms. NAGASHREE K P Ms. PRATHIBHA G K
1528.	48S_BE_4564	TOWARDS A GREENER FUTURE: UTILIZING AGROWASTE AND NATURAL BINDERS FOR THE DEVELOPMENT OF BIO-BRICKS AND BIO-POTS FOR SUSTAINABLE LIVING	B.E.	CIVIL ENGINEERING	Dr. USHA S Dr. SHIVARAJU G D	Mr. DARSHAN S V Mr. BHASKAR N Mr. ANILKUMAR G N Mr. KIRAN KUMAR M
1529.	48S_BE_4853	INVESTIGATING THE EFFECT OF CARBONATION CURING ON THE STRENGTH, DURABILITY, AND PERFORMANCE ENHANCEMENT OF FOAM CONCRETE	B.E.	CIVIL ENGINEERING	Dr. USHA S Dr. SHIVARAJU G D	Mr. THIPPESWAMY S Mr. MOHAMMED OWAIS Mr. MANOJ R
1530.	48S_BE_5236	SUSTAINABLE MANUFACTURING OF DRAINAGE COVER SLABS USING RECYCLED AGGREGATES AND GEOPOLYMER CONCRETE	B.E.	CIVIL ENGINEERING	Mrs. SUPRIYA C B Dr. B H MANJUNATH	Mr. GAGANDEEP R Ms. BRUNDA.S Ms. BHAVYA SHREE D Mr. KARAN G.S
1531.	48S_MTECH_0055	EXPLORING THE USE OF COMMON EFFLUENT TREATMENT PLANT (CETP) SLUDGE AS AN ECO-FRIENDLY SUBSTITUTE FOR FINE AGGREGATES TO DEVELOP ADVANCED CONCRETE PAVER BLOCKS	M.Tech	CIVIL ENGINEERING	Dr. USHA S	Mr. AJITH KUMAR N
1532.	48S_MTECH_0073	PARAMETRIC STUDIES ON ALKALI-ACTIVATED RC SHORT COLUMNS REINFORCED WITH GFRP BARS UNDER DIFFERENT LOADING CONDITIONS	M.Tech	COMPUTER AIDED DESIGN OF STRUCTURES	Mr. GURUPRASAD T.N	Mr. SURESH BABU K S
1533.	48S_BE_4318	AUDIO TRANSLATOR AND LIP SYNC IN VIDEO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. K NOOR FATHIMA	Mr. MANORAKITH Mr. RACHAMALLA GANESH Mr. NEELAM BHASKAR REDDY Mr. PUNEETH D S
1534.	48S_BE_5182	VOICE COMMAND CHATBOT WITH CHATGPT INTEGRATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. BHAGYA JYOTHI	Mr. SHABAAZ KHAN A Mr. ROHITH ESHWAR S Mr. PREETHAM N
1535.	48S_BE_5277	PCOS DETECTION USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BABITHA M N	Ms. DHAVALA G M Ms. CHANDANA M N Ms. CHAITHRA K Ms. BINDHUSHREE G
1536.	48S_BE_6085	FETAL DISTRESS INSIGHTS FROM CARDIOTOCOGRAPHY MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ROOPA N K	Ms. MEGHANA Y Mr. SHREESHA N J Mr. LIKHIT K S Mr. PINA KIRAN S K
1537.	48S_BE_1586	SMART ELECTRICAL VEHICLE CHARGING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. YOGANANDA B S	Ms. RAMYA C P Ms. GANAVI M S Mr. PREETHAM N S Ms. RUTHVI K L
1538.	48S_BE_3505	DESIGN AND DEVELOPMENT OF DC-DC CONVERTERS FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. YOGANANDA B S	Mr. SACHIN NAIK R Mr. N VEERESH Mr. GURURAJA A N Mr. RAGHAVENDRA D Y
1539.	48S_BE_5509	ADVANCED FLUENCY AUGMENTATION FRAMEWORK FOR STUTTERED SPEECH RECOGNITION AND ARTICULATION CORRECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. JAGADISHA K R	Ms. ANJALI MANOJ PHADTHARE Ms. BHAVANA H L Ms. HARSHITHA N P Ms. LIKHITHA S
1540.	48S_BE_6187	DESIGN AND DEVELOPMENT OF AN EARLY WARNING SYSTEM USING SENSOR TECHNOLOGY FOR IDENTIFICATION OF A LANDSLIDE IN HILLY REGION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. PRAVEEN KUMAR C	Ms. VINUTA PATIL Ms. SHUBHA B S Ms. SMITHA G R Ms. TANUJA N
1541.	48S_BE_6446	TO DESIGN AND IMPLEMENT AN AUTOMATED SYSTEM TO MEASURE BORE WELL DEPTH AND CASING LENGTH USING SENSOR TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. PRAVEEN KUMAR C	Ms. NANDU KUMARI G Mr. JAYANTH.H L Ms. KEERTHANA R Mr. RAGHAVENDRA R

1542.	48S_BE_4372	PNEUMONIA DETECTION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SRIRAKSHA DEVARAJ	Ms. NUTHANYA V Ms. USHA A Mr. VIVEKANAND Ms. NANDINI R
1543.	48S_BE_5233	REAL-TIME AUDIO ENCRYPTION IN IMAGES USING AES AND LSB STEGANOGRAPHY FOR SECURE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. VIDYA K V	Ms. KEERTHI G Ms. ANUSHA M Ms. JASMIKA U Ms. YASHODHA R
1544.	48S_BE_5365	SMART WATCH FOR WOMEN PROTECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARADA GUPTA M. N.	Mr. VINAY NAIKA Mr. SHASHANK P Ms. SHREEVALLI T S Ms. VEENA N
1545.	48S_BE_5642	EMERGENCY VEHICLE DETECTION AND TRAFFIC CONTROL USING OPENCV AND CAMERA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANITHA DEVI M D	Mr. VARUN A LOHAR Mr. RAGAHAVENDRA G Mr. THARUN C GOWDA Mr. UMASHANKARA
1546.	48S_BE_2276	WALL HAWK : AN AI-BASED THREAT DETECTOR FOR INTELLIGENT SURVEILLANCE CAMERA	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. JEEVITH S H	Ms. SAVITHA J Mr. SUMAN D S Ms. RAKSHITHA R S
1547.	48S_BE_5663	TERRA ROVER : ENSURING SAFETY THROUGH ROBOTIC EXPLORATION	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Mr. KEVIN	Ms. BUSHRA KOUSAR Mr. FAROOQ AHMED KHAN Mr. MOHAMMED SALEEM Ms. MANASA
1548.	48S_BE_4887	DIGITAL FORENSIC FACIAL ANALYSIS, RECOGNITION AND CONSTRUCTION SYSTEM USING MACHINE LEARNING TECHNIQUES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RASHMI H C	Ms. PANNAGA H G Ms. PRATIJNA V G Ms. PUNYASHREE A L Ms. SWARNAUSHA B PATIL
1549.	48S_BE_5121	DESIGN AND DEVELOPMENT OF A ULTRASONIC SPATIO-TEMPORAL POSITIONING AND ORIENTATION FRAMEWORK USING INDOOR ROBOTICS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. H S ANNAPURNA	Mr. AMEER SALAM Mr. ABHISHEK V S Mr. CHARAN H M Mr. GAGAN RAJ R P
1550.	48S_BE_5299	MITIGATING DATA CHALLENGES AND ANALYSIS OF NEURO IMAGES USING BRAIN TRACTOGRAPHY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. H S ANNAPURNA	Ms. AYESHA SIDDIQA Ms. BHAVANI V Ms. CHANDANA R Ms. CHARMIE J JAIN
1551.	48S_BE_1348	DESIGN AND DEVELOPMENT OF LOW-COST SMART VENTILATOR WITH ADJUSTABLE BREATHING RATE AND ASSISTED OPERATION	B.E.	MEDICAL ELECTRONICS	Dr. ASHWINI K Prof. KANTHARAJU	Mr. JEEVAN M S Ms. AISHWARYA P
1552.	48S_BE_3741	DETECTION AND PREVENTION OF HEART ATTACK WHILE DRIVING USING REAL TIME HEALTH MONITORING SYSTEM	B.E.	MEDICAL ELECTRONICS	Mrs. LATHA K Mrs. SAHANA S RAO	Mr. NOORUDDIN Mr. MOHAMMED ISMAIL

171. SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1553.	48S_BE_5596	SMART WASTE MANAGEMENT IN MULTI STORAGE BUILDING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUMA T	Ms. ROOPA LAKSHMI K Ms. PRATHIBHA A E Ms. SARITA BHAGWANRAO BIRADAR
1554.	48S_BE_5613	PREDICTING THE SEVERITY OF PULMONARY DISEASE FROM RESPIRATORY LUNG SOUNDS USING MACHINE LEARNING ALGORITHMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ARCHANA M	Ms. SHUBHALAKSHMI DASH Ms. SINDHU SHREE H R Ms. SHREE DEEKSHA V
1555.	48S_BE_5616	E-WASTE FACILITY LOCATOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUMA T	Ms. YOGITHA R Ms. VAISHNAVI G N Ms. SPOORTHI R
1556.	48S_BE_6083	DEVELOPMENT OF AIML BASED SOLUTION FOR DETECTION OF FACE-SWAP BASED DEEPFAKE DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ARCHANA M	Ms. SHRAVANI S PATIL Ms. PADMASHREE M Mr. PRADEEP PAUL C
1557.	48S_BE_6132	SMART ROADS: AI-POWERED POTHOLE RECOGNITION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MUKESH KUMAR SINGH	Ms. NEELAM PRIYANKA Ms. LAVANYA B Ms. MEGHANA N M
1558.	48S_BE_4337	DRIVER HEALTH AND BEHAVIOUR MONITORING SYSTEM WITH V2H AND V2V COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ASHWINI A M	Mr. VIGNESH B Mr. BASAVARAJ M H Mr. CHINMAY B C Mr. V TEJAS
1559.	48S_BE_4463	SMART WIRELESS WATER METER USING WEB DB	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SWETHA S KULKARNI Dr. DEEPTI RAJ	Mr. K SANTOSH Mr. HARSHAN S Mr. MANOJ KUMAR C S Mr. SANDEEPKUMAR S
1560.	48S_BE_4744	ENERGY OPTIMIZATION TECHNOLOGIES IN SMART HOMES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SATHISH B S	Mr. ADARSH GOWDA M Mr. GANASHIVA A Mr. NIRANJAN N B Ms. SINDHU M

1561.	48S_BE_4749	MULTI-LINGUAL EMERGENCY FM BROADCASTING EMBEDDED SYSTEM FOR PUBLIC SAFETY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. POORNIMA G R Prof.MEGHAVARSHINI S K	Mr. CHANDAN KUMAR K V Mr. DARSHAN A R Ms. PAVANA S
1562.	48S_BE_4791	A NOVEL IOT BASED SHORT CIRCUIT PROTECTION SYSTEM FOR EV CHARGING STATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. JIJESH J J Dr. VINEETH KUMAR PK	Ms. VARSHA M Ms. PREETHI S Mr. YOUGESHA R Mr. YASHWANTH K
1563.	48S_BE_4838	IMPLEMENTATION OF DYNAMIC THRUST VECTOR CONTROL FOR HIGH-PRECISION ORIENTATION, AND ALTITUDE STABILIZATION IN ADVANCED DEFENSE AND SPACECRAFT APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VINEETH KUMAR P K Dr. JIJESH J J	Ms. SAANIYA ZAINAB Mr. SATHWIK P BHARADWAJ Mr. SHASHANK S Ms. ANJALI CHAUHAN
1564.	48S_BE_5148	DESIGN AND DEVELOPMENT OF GPS BASED TOLL COLLECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VIKAS H	Mr. SUNIL N Mr. SHASHANKA H T Mr. RAAVI CHAITHANYA Mr. ROHAN KUMAR B V
1565.	48S_BE_6100	IOT BASED AUTOMATIC VEHICLE COUNTING SMART SYSTEM FOR INDIAN URBAN DEVELOPMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. DIVAKARA M Mrs. MEGHAVARSHINI S K	Ms. SHREYA V Ms. R DONISHA Ms. T KEERTHANA Ms. TEJASWINI J R
1566.	48S_BE_6045	WAKEWISE: AI POWERED DROWSINESS DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SUNIL KUMAR K N Prof. MARIA NAVIN	Mr. AKSHAY N Mr. MAYUR NAYAK Ms. MONISHA J Ms. VARNEETHA KODER M L

172. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1567.	48S_BE_0696	DEVELOPMENT AND TESTING OF SOUND-REDUCED PROPELLER BLADES FOR UAVS	B.E.	AERONAUTICAL ENGINEERING	Dr. RAJESH	Mr. LOY KIRAN DSOUZA Mr. DEELEN SANJUJE FERNANDES Mr. RISHI RAI C S Ms. VARSHA Y C
1568.	48S_BE_0799	DEVELOPING ZNO BASED CARBON / SILK MULTIFUNCTIONAL COMPOSITES USED IN AIRCRAFT FOR PIEZOELECTRIC APPLICATION	B.E.	AERONAUTICAL ENGINEERING	Dr. LOKESH K S	Ms. MITHASHREE M Mr. MOHAMMED HAYYAN Ms. PRATHEEKSHA C Ms. SHREYA S
1569.	48S_BE_0833	SMART AGROBOT: AI-POWERED REAL TIME CROP DISEASE DETECTION AND SMART PESTICIDE SPRAYER	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. NAGARAJA HEBBAR N Prof. GANAPATHI SHARMA	Mr. ASHWIN V Ms. BHOOMIKA V G Ms. MOKSHASHREE M N Mr. MOHAMMED SHANSHAD R
1570.	48S_BE_0915	BIOPRINT: REAL-TIME BLOOD GROUP DETECTION FROM FINGERPRINTS USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Prof. ABHIJNHA B N	Ms. PRAJNA Ms. SHREYA C S RAI Ms. LIKITHA R GATTY Ms. PRATHIKSHA J
1571.	48S_BE_2467	SUPPORTIVE AI ASSISTANCE FOR OFFLINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. ANOOP B K	Mr. ADARSH S M Mr. ABISHAI K Mr. SAJI P J Ms. SWATHI
1572.	48S_BE_4045	NATURAL LANGUAGE-DRIVEN SQL AUTOMATION PLATFORM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. DAYA NAIK	Ms. PRANAMYA V RAO Mr. HARSHITH S Mr. NUTHAN
1573.	48S_BE_0948	CHASSIS DESIGN AND STRUCTURAL OPTIMIZATION OF AGRICULTURE UTILITY VEHICLE	B.E.	AUTOMOBILE ENGINEERING	Dr. SANDESH KUMAR RAI	Mr. SHRAVAN B Mr. AKSHAY MADAPPA T S Mr. RAHUL R SHETTY Mr. VINYAS D S
1574.	48S_BE_4313	ONLINE REVALUATION APPLICATION SYSTEM WITH PAYMENT GATEWAY INTEGRATION AND TRAFFIC MANAGEMENT SOLUTIONS (PUNAREVAL)	B.E.	COMPUTER SCIENCE	Dr. RAKESH SHARMA	Mr. ABHISHEK Mr. MADAN M RAIKAR Mr. GEDDADA NETHRANAND Mr. KANISHKA M PATEL
1575.	48S_BE_2656	TECHY: YOUR DIGITAL COMPANION FOR STREAMLINED AUTOMATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. JENISHA JESWITA VEIGUS	Ms. SHREENIDHI N Ms. SHREEYAA RAI Ms. VARSHINI S B Ms. VIDYA V D
1576.	48S_BE_3860	SAFESOCIAL: EMOTION-DRIVEN CYBERBULLYING PREVENTION AND PARENTAL ALERT SYSTEM FOR SOCIAL PLATFORMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SALINI ABRAHAM	Ms. SALMA AZMEENA Ms. NAJA CHANDRAN Ms. SIVANANDINI SURESH Ms. SNEHA M K
1577.	48S_BE_1527	SKIN CANCER DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.NAGALAKSHMI B NAIK Prof. CLITUS NEIL D SOUZA	Ms. SANCHITHA Ms. DEEKSHA Ms. DIVYA Ms. CHETANA

1578.	48S_BE_1545	HUMANOID ROBOTIC LEG	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. FLAVITA JANICE PINTO Prof. CLITUS NEIL D SOUZA	Mr. KOWSTUBHA M A Ms. ABHIJNA SANIL Ms. NAVYA S SHETTY Mr. VINAYAK ACHARYA
1579.	48S_BE_1815	HARNESSING AI FOR ORAL CANCER SCREENING A DEEP LEARNING APPROACH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. DEEKSHA	Mr. DHANUSH Mr. VIKAS Ms. KAVYA Mr. PRAJWAL
1580.	48S_BE_2025	DIGITAL PARKING ASSISTANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SOORYA KRISHNA K	Mr. IBRAHIM KHALEEL Mr. MANISH Mr. SADRUSHA Ms. LISHA D S
1581.	48S_BE_2906	EXTERNAL ELECTRONIC PROJECT SETUP FOR REMOTE CONTROL OF 3 PHASE MOTOR PUMP USED FOR DRINKING WATER SUPPLY [EEPROM]	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SATHISH KUMAR	Mr. LATHISH K Mr. BALU SRINIVASALU V Mr. SANJAY V S Mr. SUHAL M S
1582.	48S_BE_1510	AI BASED BRAIN TUMOUR DETECTION FROM MRI SCANS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SOWMYA	Mr. HARSHARAJ S SHETTY Mr. RAHUL K Mr. SARVESH MOHAN GAONKAR Mr. UTTAM
1583.	48S_BE_0383	DATA-DRIVEN SMART DAMAGE DETECTION FOR MATERIAL INTEGRITY USING MULTI-SENSOR ANALYSIS	B.E.	MARINE ENGINEERING	Prof. VIVEK V KUMAR	Mr. CHANDAN G R Mr. BHOJRAJ A S Mr. PRITHUESH P B Mr. SRI VENKATA SATYA SAI MADHAV S

173. SRINIVAS UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1584.	48S_BE_2668	MULTI-ALGORITHMIC APPROACH TO BRAIN STROKE FORECASTING THROUGH IMAGING MODALITIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHIFANA BEGUM	Ms. CHAITRA C B Ms. ANUSHRI Mr. NAYAKARA JITHENDRA Mr. PRATHEEK K
1585.	48S_BE_6044	EARLY PREDICTION OF CARDIOVASCULAR DISEASE USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VARSHA G.B Mrs. THANMAYEE SUSHEEL	Mr. AKSHAY VIBHOOTHI A K Ms. SRITHIKA K Mr. VENKTESH KUMBARE Mr. YOGESH SHARMA
1586.	48S_BE_1235	AI ENHANCED HUMAN VITALS DETECTION USING FACIAL COLOR CHANGES	B.E.	DATA SCIENCE	Mrs. THANMAYEE	Mr. SUJAN HG Mr. KARTHIK KM Ms. PRIYANKA M K
1587.	48S_BE_2637	AUTONOMOUS TRAFFIC SIGN CONTROL SYSTEM USING WIRELESS COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHWETHA S R	Mr. SUMANTH S Ms. N CHAYA Mr. DHINESHKUMAR N B
1588.	48S_BE_4934	AUTONOMOUS AGRICULTURAL DRONE	B.E.	MECHANICAL ENGINEERING	Prof. VUPPU SAI KRISHNA PRASAD Prof. VISHWAS SHETTY	Mr. SHREYANSH GARGELWAR Mr. ABHAY SINGH Mr. ARAVIND WILSON Mr. AKSHAY NAIR

174. St. ALOYSIUS COLLEGE (AUTONOMOUS), MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1589.	48S_MSC_0049	COMPUTATIONAL INVESTIGATION OF BRAIN AGING: PHYSIOLOGICAL CHANGES, SIGNALING PATHWAYS, AND STRATEGIES FOR ENGINEERED NEGLIGIBLE SENESCENCE (SENS).	M.Sc	BIOINFORMATICS	Dr. HEMALATHA N	Ms. STUTI MAZGAONKAR
1590.	48S_MSC_0038	FORMULATION OF A SEAWEED-DERIVED LARVICIDE WITH MOSQUITO ATTRACTANT PROPERTIES FOR TARGETED VECTOR CONTROL	M.Sc	BIOTECHNOLOGY	Dr. ASHA ABRAHAM	Mr. ANJISHNU MUKHOPADHYAY Mr. GOURAV NANDKISHORE DESAI Ms. FATHIMA RIDA
1591.	48S_MSC_0142	DESIGN AND DEVELOPMENT OF A HALOPHILIC BIOFILM- BASED INTEGRATED SYSTEM FOR SEAWATER DESALINATION AND SUSTAINABLE PRODUCTION OF PORTABLE WATER AND ELECTRICITY	M.Sc	BIOTECHNOLOGY	Dr. JIJI GEORGE	Ms. PRATHEEKSHA M Mr. SAJAN S P Ms. RAKENDU K

175. St. JOSEPH ENGINEERING COLLEGE, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1592.	48S_BE_6440	PREDICTION OF COMPRESSIVE STRENGTH OF CEMENT STABILIZED EARTH BLOCK USING ANN TECHNIQUES	B.E.	CIVIL ENGINEERING	Ms.PRANAMYA K	Mr. SHRAJAN Mr. DISHANTH R Mr. GAURAV Mr. RAKSHAN
1593.	48S_BE_5016	INSIGHTCONVO - EMOTION, BEHAVIOR AND PERFORMANCE ASSESSMENT IN VIDEO INTERVIEWS	B.E.	COMPUTER SCIENCE AND BUSSINESS SYSTEM	Dr. SHREENATH ACHARYA	Ms. SHARON TYANA MENEZES Mr. CHAITHANYA K Ms. PAYAL SHETTY Mr. SHREYAS
1594.	48S_BE_2816	MANOSHAKTI: INTEGRATED DASS, FOMO, AND ADHD EVALUATION TOOL FOR PRELIMINARY MENTAL WELLNESS DIAGNOSTIC	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SRIDEVI SARALAYA	Ms. TANUSHKA RAJ Ms. SAKSHYA J POOJARY Ms. VAISHNAVI Mr. SHASHANK PRABHU
1595.	48S_BE_3107	LIFE CONNECT: A KIDNEY TRANSPLANT INITIATIVE USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. PRAJNA M	Ms. ASHWITHA SHETTY Ms. JANESSA MERLE DSOUZA Ms. JESSICA HENRY SERRAO Ms. JESSICA LILLIAN MATHEW
1596.	48S_BE_4008	RECHARGEABLE BATTERY-BASED ARECANUT HARVESTING MACHINE WITH CLIMBING AND ARECANUT COLLECTING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. AJITHANJAYA KUMAR M.K.	Mr. MAQUIN LAWRENCE CORDERIO Mr. AKASH Ms. POORVI J RAI Mr. PRATHAM S SHETTY
1597.	48S_BE_4714	SMART-STEER: ADVANCED DRIVER ASSISTANCE USING LANE AND COLLISION DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. JENNIFER CHARLOTTE SALDANHA	Mr. WILROY SHOAN DCUNHA Mr. RANJITH R Mr. ABHISHEK G M Mr. ANAND ACHARYA
1598.	48S_BE_4742	DRY SOLAR PANEL CLEANING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. VIJAYALAXMI H MANJUNATHA	Mr. B. VIKAS Mr. AKARSHAN V H Mr. DEEVITH HEGDE Mr. MANISH
1599.	48S_BE_4857	MULTI TERRAIN INDUSTRIAL PATROLLING AND MONITORING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. JAYALAKSHMI K P	Mr. LOYD LOBO Mr. AASHISH MANUEL NORONHA Mr. JASON LINUS RODRIGUES Mr. LANVIL D'SA
1600.	48S_BE_5553	SAHAY- SMART ASSISTANT BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. FLORENCE NISHMITHA	Mr. MOHAMMED FUZAIL Ms. PRERANA P Ms. SIMONE DSOUZA Ms. SINCHANA B R
1601.	48S_BE_5572	HER-ALLY: AI PHYSIOTHERAPY ASSISTANT FOR BREAST CANCER PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. SHAMA B N	Ms. JANE LINDA PEREIRA Ms. GAYATRI N SHETTY Ms. KARUNYA K P Ms. PALLAVI GANESH PAI U
1602.	48S_BE_4606	EXPERIMENTAL AND NUMERICAL ANALYSIS OF LITHIUM NITRATE TRIHYDRATE PHASE CHANGE MATERIAL BASED THERMAL STORAGE USING FINS	B.E.	MECHANICAL ENGINEERING	Dr. SWARAJ D LEWIS	Mr. SOURAV JOSHI Mr. SAYED BILAL Mr. KARTHIK Mr. SANKET NAIK
1603.	48S_BE_5037	DESIGN OF A HOT AND COLD WATER DISPENSER UNIT BY UTILIZING WASTE HEAT RECORY IN VAPOUR COMPRESSION REFRIGERATION SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. VIJAY V S	Mr. VINAY KUMAR D Mr. KRISHNA PRASAD S HERALA Mr. PRASANNA A SUVARNA Ms. VARSHA M A

176. St. JOSEPH'S UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1604.	48S_MSC_0235	ENHANCING THE SOIL HEALTH AND NUTRIENT EFFICIENCY USING CONTROL RELEASE UREA FERTILIZER COATED WITH BIOCOMPATIBLE NANOMATERIALS	M.Sc	ORGANIC CHEMISTRY	Dr. NALINI G SUNDARAM	Mr. V SAI SUBRAMANIAN Ms. RAMITHA D K

177. St. PHILOMENA'S COLLEGE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1605.	48S_MSC_0342	THE POTENTIAL OF TRANSITION METAL COMPLEXES AS A PROMISING SOURCE FOR PLANT ABSORPTION AND THERAPY OF DEFICIENCIES	M.Sc	CHEMISTRY	Dr. ASHA MS Ms. LYDIYA VANDANA	Ms. JAYALAKSHMI K Ms. NISARGA D R Mr. NAVEEN K

178. SURANA COLLEGE AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1606.	48S_MSC_0102	SYNTHESIS, CHARACTERISATION AND BIOLOGICAL STUDY OF COUMARIN DERIVATIVES	M.Sc	CHEMISTRY	Ms. THANUSHREE D R	Ms. HARSHITHA K Ms. POOJA R Mr. MADHU K S Mr. SUNIL D C

179. T. JOHN INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1607.	48S_BE_3982	SMART DOORBELL SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRABHA R	Mr. ARJUN CM Ms. RAJAMMA Ms. REMSHIYA KAUSER Mr. MAHANANDA MS
1608.	48S_BE_4095	SMART LUGGAGE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JERALD PRASATH GEORGE Dr. PRABHA R	Ms. SREELAKSHMI D Ms. POOJA G Ms. POONGOTHAI A Ms. MOHANA PRIYA S

180. TERESIAN COLLEGE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1609.	48S_MSC_0216	DEVELOPMENT OF SIMPLE PAPER-STRIP BASED DETECTION METHOD FOR THIRAM FUNGICIDE RESIDUES IN CHICKEN-FEED AND GRAIN SAMPLES	M.Sc	BIOTECHNOLOGY	Dr. SHAHEEN JAFRI ALI	Mr. SHABAZ PASHA
1610.	48S_MSC_0186	UTILISATION OF RHIZOBACTERIA FROM WATER HYACINTH (EICHHORNIA CRASSIPES) AND ITS BIOMASS AS A SUSTAINABLE CARRIER IN BIOFERTILIZER DEVELOPMENT	M.Sc	BOTANY	Dr. SR. SAHAYA MARY	Ms. HARSHITHA P Ms. MANI V

181. THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1611.	48S_BE_5899	BEHAVIOR OF JUTE FIBER REINFORCEMENT IN RCC BEAM WITH DISPERSED COIR FIBER	B.E.	CIVIL ENGINEERING	Dr. VASANTH KESHAV	Ms. SHARANYA N M Mr. SANJAY K V Mr. SUPREETH VENKATESH SHANTAGERI Ms. PALLAVI S GOWDA
1612.	48S_BE_6090	COMPREHENSIVE LANDSLIDE SUSCEPTIBILITY MAPPING AND STABILITY ANALYSIS FOR SUSTAINABLE SLOPE MANAGEMENT IN THE MADIKERI REGION	B.E.	CIVIL ENGINEERING	Mrs. SHRUTHI A N Dr. ABHISHEK A PATHAK	Ms. YASHASHWINI K H Mr. VISHWAS M R Mr. PAVAN KUMAR Mr. SHANKAR PRASAD P
1613.	48S_BE_2453	SMART ASSISTING SYSTEM FOR PARALYSIS PATIENTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SHRUTHI B	Mr. GOWTHAM R Ms. ANJALI S S Mr. ADITYA SHRISHAIL TIRKI Ms. LAVANYA K
1614.	48S_BE_4209	DESIGN AND DEVELOPMENT OF PROGRAMMABLE LOGIC CONTROLLER WITH MULTIFUNCTIONAL I/O PINS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. LOKESH M	Mr. T L SRINATH Ms. SANJANA K Ms. SWATI KUMAR GOWDA Mr. YASHWANTH N
1615.	48S_BE_5390	UNDERGROUND CABLE FAULT DETECTION SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MALATHI M	Mr. SAGNIK SAHA Mr. SHUBHAM KUMAR Ms. SABA IRAM N Mr. VIVEK SHARMA
1616.	48S_BE_5212	DESIGN AND DEVELOPMENT OF A STEREO VISION-BASED DEPTH MAPPING SYSTEM FOR SURVEILLANCE IN UNDERGROUND MINING ENVIRONMENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REMYA JAYACHANDRAN	Mr. ANUSH R HALAPPANAVAR Mr. ABHISHEK C M Mr. CHARAN S HEGDE Mr. LAXMAN K BUDNI
1617.	48S_BE_5282	DESIGN AND IMPLEMENTATION OF A NOVEL GNSS-BASED TOLL COLLECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAGHU J	Mr. PRABHANJAN N KULKARNI Mr. PRITHVI VITTAL GOPINATH Mr. NIHAR R P Mr. SONTHA PRANEET

182. THE OXFORD COLLEGE OF BUSINESS MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1618.	48S_MBA_0190	AI TOOLS FOR MONITORING AND PREVENTING GREENWASHING IN MARKETING	M.B.A	M.B.A	Dr. ARPANA D Dr. BASIL EALIAS	Mr. CHAMUNDI PRASAD Ms. AKSHITHA THAKUR Ms. HARSHITHA NP Ms. ANJALI P.V

183.THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1619.	48S_BE_4415	ISOLATION, CHARACTERIZATION AND OPTIMIZATION OF PROTEASE ENZYME AND IT'S ROLE IN DETERGENT INDUSTRY	B.E.	BIOTECHNOLOGY	Dr. NAIR SREECHA CHANDRAN	Ms. B BAVISHYA Ms. SEEMONE KHADRI Ms. C K ASHIGA Ms. BHAVANESHWARI
1620.	48S_BE_5319	UNDERSTANDING GUT MICROBIOTA : HOW METAGENOMICS REVEALS HEALTH IMPACTS AND DISEASE RISKS	B.E.	BIOTECHNOLOGY	Dr. K VALARMATHY Dr. B K MANJUNATH	Mr. ADITHYA B Y Mr. NATHURAM J Ms. RUCHITHA K C Ms. SHRAVANA GANESH DAPTARDAR
1621.	48S_BE_0841	SOIL STABILIZATION TECHNIQUE IN WATER LOGGED AREAS	B.E.	CIVIL ENGINEERING	Mrs. KAVYA S K	Ms. NAMRATHA C PRABHU Mr. MOAAZ AHMED Mr. SYED HABEEB PATEL Mr. TAHSANUL HASSAN
1622.	48S_BE_4515	SMART DETECTION OF DEEPFAKES TO COMBAT MISINFORMATION AND ENSURE WOMEN'S SAFETY IN VIRTUAL PLATFORMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. J JESY JANET KUMARI Dr.E.SARAVANA KUMAR	Ms. TEJASWINI J Ms. TEPPALA SNEHA
1623.	48S_BE_4938	WASTE TO WATTS - INNOVATING SUSTAINABLE ENERGY GENERATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SUMITHA T L	Mr. SUJITH K Mr. MANOHAR B Mr. NIRANJANA MURTHY MS Mr. SANTHOSH B
1624.	48S_BE_6159	TUNABLE GRIP MEASUREMENT DEVICE FOR ARTHRITIS PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PREETA SHARAN Prof. TINA ELIZEBETH THOMAS	Mr. S ANIL KUMAR Ms. BRINDA J Ms. SANDHYA G Ms. NANDINI G S
1625.	48S_BE_4089	INTEGRATED DAM AUTOMATION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. KARTHIK S L	Mr. U SUPREETH Mr. SUBHASH G Ms. NITHYA H Mr. MAHESH BABU G

184. THE OXFORD COLLEGE OF SCIENCE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1626.	48S_MCA_0163	SMART SURVELLIANCE ROBOT (SSR)	M.C.A.	COMPUTER APPLICATIONS	Dr. SUSIL KUMAR SAHOO	Mr. KRISHNA P Mr. MOUNESH NR Mr. MANJUNATHA Y Mr. NAVEEN KUMAR B

185. TONTADARYA COLLEGE OF ENGINEERING, GADAG

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1627.	48S_BE_6298	DEVELOPMENT OF DRAWBRIDGE IN TRAIN FOR PHYSICALLY DISABLED PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr.MALLIKARJINA G. D.	Ms. SADHANA S. H. Mr. DARSHAN S. K. Ms. VIJAYALAKSHMI C. S. Mr. RAKESHA T

186. UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1628.	48S_BE_6423	LINEMAN SAFETY USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. PALLAVI B	Mr. BHARATH KUMAR M Ms. BINDU T S Mr. CHAMAN ALI B Ms. CHAMPA V
1629.	48S_BE_6284	FABRICATION AND MECHANICAL CHARACTERIZATION OF GARMENT WASTE FABRIC COMPOSITES FOR ACOUSTIC APPLICATION	B.E.	INDUSTRIAL AND PRODUCTION ENGINEERING	Dr. VINAY K M Dr. DIVAKAR M H	Mr. SUMATHI U G Ms. KAVYA S Mr. MANIKANTA S Ms. BHOOMIKA M

187. UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1630.	48S_MSC_0014	BIOSYNTHESIS OF METAL OXIDE / RGO BASED NANO COMPOSITES FOR SUPER CAPACITORS APPLICATIONS	M.Sc	CHEMISTRY	Dr. NIRMALA B	Mr. BHARATH N Ms. BHOOMIKA A C Ms. RADHA G
1631.	48S_MSC_0046	METAL OXIDE FUNCTIONALIZED BIOCHAR NANANOCOMPOSITE AS A HETEROGENOUS CATALYST FOR SOLVENT-FREE ORGANIC TRANSFORMATION AND ENVIRONMENTAL REMEDIATION	M.Sc	CHEMISTRY	Dr. ARUNA KUMAR D B Dr. NIVEDITA RATNAKAR DESAI	Mr. CHETHAN B S Mr. VENKATESH M D Mr. HEMANTH J
1632.	48S_MSC_0048	DESIGN, SYNTHESIS, DFT, BIOLOGICAL EVALUATION AND MOLECULAR DOCKING STUDIES OF NOVEL QUINOLINE DERIVATIVES	M.Sc	CHEMISTRY	Prof. S.SREENIVASA Dr. ARUNA KUMAR D.B	Ms. BHAVANA P Ms. BHOOMIKA. H.P
1633.	48S_MSC_0051	SYNTHESIS, CHARACTERIZATION, EVALUATION OF ANTIMICROBIAL PROPERTIES OF AZO - FUNCTIONALIZED SCHIFF BASES AND THEIR METAL COMPLEXES	M.Sc	CHEMISTRY	Dr. P RAGHAVENDRA KUMAR	Ms. PRAGATHI V R Ms. NISARGA H J Ms. SHRUSTI B D Ms. CHANDRIKA K

188. UNIVERSITY OF MYSORE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1634.	48S_MSC_0332	QUORUM SENSING INHIBITORS BY CFS DERIVED FROM LACTIC ACID BACTERIA	M.Sc	MICROBIOLOGY	Prof. M.Y. SREENIVASA	Ms. MANDARA V S Ms. SANMAYA K Mr. RAJAMOHAN A Mr. ROHITH KUMAR B

189. V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1635.	48S_BE_0045	PHISHING WEBSITE DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRABHU KICHADI Mr. ANUP GANJI	Ms. SHRAVANA SADASHIV JANAWADE Ms. SHRUTI ABANE Ms. RUTUJA HALIJWALE Ms. SHIVANI PATIL
1636.	48S_BE_0054	MULTIMODAL SENTIMENTAL ANALYSIS USING DEEP LEARNING FUSION TECHNOLOGIES AND TRANSFORMERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAHUL PALAKAR Prof. ANUP GANJI	Ms. PRANITA KULKARNI Ms. SHREYA PATIL Ms. SAMRUDDHI KHOT Ms. PRATIKSHA BHATALE
1637.	48S_BE_0061	SMART NAVIGATION ASSISTANT FOR VISUALLY IMPAIRED USERS WITH REAL-TIME DETECTION AND ALERTS USING AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NABI M. Prof. ANUP GANJI	Ms. SURAKSHA PATIL Ms. NAMITA KUMBAR Ms. SHWETA NAGANNAVAR Ms. BHARATI PUJARI
1638.	48S_BE_0088	INVENTORY MANAGEMENT IN AGRICULTURE USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NEELAMMA SHINANNAVAR Prof. ANUP GANJI	Ms. KAVERI SUBHAS KOUJALAGI Ms. KAVANA T Ms. SNEHA POL Ms. ASHWINI MAHADEV MANG
1639.	48S_BE_0216	ATTACHABLE DEFENSE MODULE FOR TRACK GUIDED ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SAGAR S BIRADE	Mr. PRATHAMESH M SWAMI Mr. ADARSH S KESTE Mr. HAREESH B PATIL Mr. ADITYA KHOT
1640.	48S_BE_0784	IOT BASED SMART WATER SUPPLY MANAGEMENT AND CONSERVATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MADHAVI AWALEKAR	Mr. ADARSH A JATHAR Mr. RAM A HANBAR Mr. PRATHAMESH R PATIL Mr. PRATHAMESH M PARIT
1641.	48S_BE_1076	PIEZOELECTRIC SENSOR BASED FOOTSTEPS POWER GENERATION AND MOBILE CHARGING OR LOAD	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUDHINA H K Prof. MADHAVI J A	Mr. ABHISHEK DHANAPPAGOL Mr. SUSHANT PATIL Mr. SHIVANAND SHEDABALKA Mr. SUDEEP KICHADE

1642.	48S_BE_0744	MULTI HYBRID AGRO ROBUST THERESHER MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. KAILAS S PATHADE	Mr. TUSHAR A CHOUGULE Mr. VINAYAK A MANE Mr. MAHESH M MALAGENNAVAR Mr. CHANDRASHEKAR R DODAMANI

190. VEERAPPA NISTY ENGNINEERING COLLEGE, YADGIR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1643.	48S_BE_5993	COMPACT SANITARY NAPKIN INCINERATOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. PARVATI PATIL	Ms. ANUSHA Mr. CHETAN Mr. MOHAMMED ADNAN HUSSAIN Mr. REVANSIDDAYYASWAMY G C

191. VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1644.	48S_BE_5430	AI DRIVEN HONEYPOT SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. DILIP S	Mr. SAURABH KV Mr. NITHIN KUMAR U Mr. SIRWAL ARSHAD Ms. SUSHMITHA BALIGA B

192. VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1645.	48S_BE_3219	RECYCLING OF PLASTIC WASTE INTO LOW-COST FUEL	B.E.	CIVIL ENGINEERING	Ms. MANASA MP Dr. ADARSH S	Mr. VINAY KUMAR S Mr. CHETHAN C Ms. MONIKA R Mr. MADHUVARSHA
1646.	48S_BE_3458	HYDRO-TECH GATE AUTOMATION AND MONITORING THE IRRIGATION FIELD USING SENSORS	B.E.	CIVIL ENGINEERING	Prof. ANUSHA G S	Mr. GUNA PREETHAM N Ms. DEEKSHA V Ms. INCHARA S SHESHADRI Mr. ULLAS R
1647.	48S_BE_4431	AN AI POWERED MENTAL HEALTH AND WELLNESS COMPANION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ARCHANA B	Ms. SWETA CHAUHAN Mr. AJITH KUMAR K KAVATEKAR Mr. CHETHAN H S Ms. SAHANA J SHETTY
1648.	48S_BE_4789	MEDICINE OVERDOSE DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr.SOMASHEKHAR B M	Ms. SAHANA N P Ms. APOORVA R Ms. MADHUSHREE P K Ms. SUSHMITHA N
1649.	48S_BE_4734	ECOSMART PLASMA SYSTEMS FOR THE TREATMENT OF INDUSTRIAL EFFLUENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHAMALA N	Ms. BHOOMIKA HP Ms. BHAVANA MP Mr. KOUSHIL R GOWDA Mr. MANU NE
1650.	48S_BE_4768	DEPLOYMENT OF SOLAR & IOT-BASED HYBRID EV CHARGING STATION WITH SLOT PRE-BOOKING & AUTO-SWITCHING FEATURES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. ZUHAIB BAIG	Mr. UDAY ARAVINDAN S Ms. NAMRATHA C S Ms. NETHRAVATHI Mr. SANJAY D P
1651.	48S_BE_4822	BRAIN CONTROL WHEEL CHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DHARSHAN BG Prof.MANJUNATH A B	Ms. BI BI HAJIRA Mr. AMRUTH GOWDA MR Ms. MAMATHA D Mr. SHASHANK KA
1652.	48S_BE_4881	AI-DRIVEN SMART CAMPUS ASSISTANT FOR NAVIGATION AND INFORMATION MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SOWMYA G Prof. SOWMYA G	Ms. SPOORTHI M R Ms. NIKHITHA G N Mr. ROHAN M V Mr. SALOMAN
1653.	48S_BE_4885	DIVYA KAVACH - THE GUARDIAN BANGLE FOR WOMEN	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Ms.GAGANAMBHA Mrs. VARSHA V	Ms. RACHANA S Ms. PRIYADARSHINI R Mr. LIKHITH KUMAR K Mr. VIJAY KUMAR S
1654.	48S_BE_4973	SMART ASSISTIVE COMMUNICATION SYSTEM FOR THE HEARING AND SPEECH IMPAIRED	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHAMALA N	Ms. RAKSHITHA.P Ms. SUSHMITHA S Mr. ROHITH A V Mr. S M HEMANTH
1655.	48S_BE_5072	GROUND WATER CHANNEL IDENTIFICATION ROBOT USING RADAR BASED ON DOPPLER EFFECT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. VARSHA V Prof.GAGANAMBHA	Ms. ASHWINI S A Mr. DARSHAN B M Mr. DARSHAN G Mr. MAHADEVASWAMY B
1656.	48S_BE_6461	GROUND WATER CHANNEL DETECTION USING RADAR WITH DOPPLER EFFECT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. LALITHA N	Ms. SUSHANVI PATEL H S Mr. SHREYANK R Ms. RACHANA PRABHUDEV Ms. SANJANA B K

1657.	48S_BE_3873	A SOLAR POWERED WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE (EV) CHARGING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SIDDESH G K	Mr. SURESHAKUMARA Mr. NIKHIL SATYAPPA MANE Mr. VARSHA S S Mr. K SHIVALINGA
1658.	48S_BE_4034	IOT ENHANCED SMART THERMOSTAT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.NAGASHREE S	Mr. ARUN KUMAR S Ms. HARSHITHA P Mr. KIRAN BABU Mr. SHARAN CHANDRA K P
1659.	48S_BE_4110	NON-INVASIVE FETAL MOVEMENT DETECTION SYSTEM USING MEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. BINDU A THOMAS Prof. ANITHA C G	Ms. YOGITHA N S Ms. PALLAVI R GOWDA Ms. VARSHINI B Ms. SWATHI P
1660.	48S_BE_4695	A NATURE- INSPIRED UAV : ORNITHOPTER FOR ADVANCED SURVEILLANCE AND DISASTER RESPONSE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUMA	Mr. GIRISH GOWDA M Ms. KUSHI N V Ms. CHANDINI M S
1661.	48S_BE_5150	AI POWERED SMART NEO-NATAL VITAL MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof.NAMRATHA D`CRUZ	Mr. KISHAN H M Ms. SINDHU D H Ms. THRIVENI S Ms. VARSHA S
1662.	48S_BE_5185	SMART TRAFFIC MANAGEMENT: CLOUDBASED VEHICLE DETECTION AND NUMBER PLATE RECOGNITION SYSTEM USING ESP32- CAM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ASHA R	Ms. THANMAYA K P Mr. TEJAS R Mr. TEJAS P S Mr. VISHAL H S
1663.	48S_BE_5662	IOT BASED AUTOMATIC SERICULTURE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. NAMRATHA D CRUZ Dr. SIDDESH G K	Ms. BHUVANESHWARI P Mr. SHASHANK H S Mr. SOHAN JAIN T B Ms. V G DEENA DECHAMMA
1664.	48S_BE_5871	ECOMATIC (AUTOMATED ROBOT FOR CLEANING SURROUNDINGS AND WASTE COLLECTION WITH SEGREGATION)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. JAGANNATH B R Mr. JAGANNATH B R	Mr. MOHITH C Ms. KAVYA M D Mr. KEERTHAN MURTHY S Mr. NANDAN U
1665.	48S_BE_6399	PROTOTYPE OF AQUACULTURE USING IOT TECHNOLOGIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. RAJALAKSHMI M C	Ms. NAMITA R KANNAPPALAVAR Ms. AISHWARYA TR Mr. ASHISH KUMAR R Ms. MEGHANA S
1666.	48S_BE_4416	MEDICURE: AN INTELLIGENT MACHINE LEARNING-BASED MEDICATION ADVISORY SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHOBHA G	Ms. ANISHA R T Ms. RUCHITHA B M Mr. ACHAL K ATHREYA Mr. YASHWANTHAKUMAR S
1667.	48S_MBA_0173	INNOVATIVE ECOFRIENDLY TOILETS UTILIZING RECYCLED DEBRIS RAINWATER HARVESTING AND AI POWERED SENSORS FOR COST EFFECTIVE SANITATION	M.B.A	M.B.A	Dr. VASANTHI RENA WILLIAMS	Mr. TEJRAJ VITHALE M

193. VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1668.	48S_BE_3785	ODOR DETECTION AND CLASSIFICATION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. CHETHAN B K	Mr. MOHAMMED IFTEKHAR SALAM Mr. HARSHA K R Mr. GURURAJ D Mr. YASHWANTH A
1669.	48S_BE_4545	GESTURE DECK: INTERACTIVE PRESENTATION CONTROL USING AI AND EDGE COMPUTING ON RASPBERRY PI	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof.PRASHANTH N	Mr. K T ANCHAN POOVANNA Mr. GAURAV RAJ Mr. PREETHAM S Ms. QURRATH UL AYEN
1670.	48S_BE_5280	ANALYSIS OF SOLAR ENERGY SUITABILITY IN INDIA AND IOT-ENHANCED SOLAR TRACKING SYSTEMS (SUN TRACKER)	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SOUMYA G V	Mr. LIKITH K R Mr. CHIRAG S Mr. DHANUSH R A Ms. KRUTHIKA K
1671.	48S_BE_4092	MACHINE LEARNING BASED MODEL TO ASSESS THE PERFORMANCE OF GREEN SYNTHESIZED IRON NANO PARTICLES FOR DYE REMOVAL FROM INDUSTRIAL WASTEWATER	B.E.	CIVIL ENGINEERING	Dr. SHARMILA A Dr. VARSHITHA D N	Ms. LAVANYA P Mr. MOHAMMED ATIFULLA A Mr. KEERTHI KUMAR S Mr. NIRANTH S GOWDA

1672.	48S_BE_3264	AI-DRIVEN COMPLAINT MANAGEMENT SYSTEM FOR RAILWAYS	B.E.	COMPUTER SCIENCE	Dr. CHETHANA H T	Mr. HEMANTH KUMAR S Mr. DEEPAK B RAJOLE Mr. ARIHANT SANJAY UDAGANVE Mr. ANANT JAGADISH INDI
1673.	48S_BE_2327	PDFMASTER: LLM-DRIVEN PDF ANALYSIS AND EDITING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRASAD M R	Ms. BHUMIKA A Ms. AISHWARYA S N Ms. ASHWINI C S Ms. BHAKTHIESHWARI
1674.	48S_BE_3978	JEEVANSH - AI - POWERED EPINEPHRINE PEN WITH ALLERGY DETECTION AND REAL-TIME DOSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DIVYA C D	Mr. SATHVIK V KOUSHIK Ms. URJITHA P Mr. SHAMANTH SHOWRI N R Ms. SHREYA C R
1675.	48S_BE_3329	ENERGY EFFICIENT AND ENVIRONMENTAL FRIENDLY ELECTRIC POWER TILLING MACHINE FOR SMALL SCALE FARMERS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. GOPALA REDDY K Prof. GOUTHAM B	Mr. NIRANJAN R Mr. RAMACHANDRA D N Mr. MAHADEVAPRASAD K D Mr. PREETHAM D
1676.	48S_BE_3223	CROSS SAFE: SIGNAL-TRIGGERED VOICE-VIBRATOR ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANUSHA R Dr. SUCHITRA M	Mr. MANJUNATH RATHOD Mr. RANGANATH M Ms. RAKSHA ANNAPPA ACHARI Ms. VAISHNAVI JOIS
1677.	48S_BE_5139	AI BASED ARTIFICIAL EYE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHILPA R	Ms. M PRIYA Mr. DARSHAN C V Ms. KAVANA C U Ms. KEERTHANA B N
1678.	48S_BE_0310	AI - POWERED EXERCISE CORRECTION AND MONITORING SYSTEM USING POSE ESTIMATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. RASHMI S Prof. CHAYASHREE G	Ms. SANJANA M J Ms. NAVANEETHA U Ms. VAISHNAVI VAIDYA
1679.	48S_BE_0498	ALZHEIMERS DISEASE DETECTION USING EEG SIGNALS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. AISHWARYA T	Ms. MANASA R K Ms. AISHWARYA H R Ms. K M NEHA MAIMUNA Ms. KUSHI R
1680.	48S_BE_0658	DYNAMIC MULTI-KEY AUTHENTICATION FOR IOT SYSTEMS USING SECURE VAULTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MOHAMMED MUDDASIR	Mr. ARYAN ASHOKKUMAR JAIN Mr. ABHILASH T R Mr. SUMANTH B RAJ Mr. DHYAN K
1681.	48S_BE_1044	VISIOGUIDE - AN AI FOR VISUALLY IMPAIRED	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAVI KUMAR	Mr. LAKITH GOWDA K Mr. SHASHANKA R Ms. ANISHA DEVI Mr. KUSHAL SS
1682.	48S_MBA_0074	MULTI-PURPOSE BIODEGRADABLE CONTAINERS: UTILIZING AGRICULTURAL BY-PRODUCTS FOR ECO-FRIENDLY FOOD PACKAGING AND NURSERY PLANTING SOLUTIONS	M.B.A	M.B.A	Mr. JAI GANESH M N Dr. AASHISH C I	Mr. DHANUSH T R Ms. MONIKA C Mr. NAGADARSHAN G S Ms. PALLAVI A G
1683.	48S_MBA_0080	BRIDGING HEALTHCARE GAPS: EVALUATING TELEMEDICINE PRACTICES AND DEVELOPING A FRAMEWORK FOR PUBLIC-SECTOR IMPLEMENTATION	M.B.A	M.B.A	Dr. SARANYA S Dr. HARRIS KUMAR D	Ms. HAMSA G N Ms. NISCHITHA H Ms. CHANDANA R Mr. DARSHAN M
1684.	48S_MBA_0115	RESILIENCE AND WELLNESS: EMPOWERING MINDS OF KARNATAKA YOUTH	M.B.A	M.B.A	Dr. BHAVANI SHREE Dr. LAKSHMI P	Mr. ROHITH P.V Ms. UMRA SHARIFF Ms. POOJA M.G Ms. VAIDOORYA S.P
1685.	48S_BE_3722	OPTIMIZATION OF STIFFENERS ON 3D PRINTED PLA UAV CHASSIS FOR QUADCOPTER	B.E.	MECHANICAL ENGINEERING	Dr. G V NAVEEN PRAKASH	Mr. S PUNEET KUMAR Mr. SATHYA KUMAR S Mr. SHASHANK M P Mr. SAKETH R
1686.	48S_BE_6156	DESIGN AND DEVELOPMENT OF UNDERWATER ROVER	B.E.	MECHANICAL ENGINEERING	Dr. RAGHU N	Mr. ARMAAN M Mr. MANOHARA Mr. DHANUSH Y Mr. CHETHAN S

194. VIJAYA COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1687.	48S_MSC_0069	SYNTHESIS, SPECTRAL ANALYSIS, ELECTROCHEMICAL AND BIOLOGICAL PROPERTIES OF NOVEL ISONIAZID BASED TRIAZOLE DERIVATIVES: IN VITRO AND IN SILICO STUDIES	M.Sc	ORGANIC CHEMISTRY	Dr.S.M.BASAVARAJAIAH	Ms. SOWBHAGYA Ms. KOMALA G.K Mr. MOHAMMAD IBRAHIM PASHA

195. VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY PG CENTER NANDIHALLI, SANDUR, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1688.	48S_MSC_0251	APPLICATION OF GEOINFORMATICS IN THE STUDY OF TRACE ELEMENTS AND THEIR DISTRIBUTION IN MINING TAILING PONDS TO IDENTIFY POTENTIAL MINERALIZATION AND TARGET ZONES FOR FURTHER EXPLORATION	M.Sc	APPLIED GEOLOGY	Dr. BASAVARAJ HATTI	Ms. GEETHA K S Ms. MUSKAN AYISHA M Ms. NANDINI B K Ms. KARIBASAMMA N
1689.	48S_MTECH_0059	RECYCLING OF BLAST FURNACE FLUE DUST IN IRON MAKING	M.Tech	MINERAL PROCESSING	Dr. P. SHARATH KUMAR	Mr. SAKETI GANESH Ms. RUMANA A Mr. SAMPATH PATIL T G Mr. N H NAGARAJ

196. VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1690.	48S_BE_6020	DESIGN AND DEVELOPMENT OF BIOMIETIC EXOSKELETON ARM FOR REHABILITATION	B.E.	ROBOTICS AND AUTOMATION	Dr. VENKATESH M KULKARNI Mr. NIKHIL CHANGOLI	Ms. RAKSHITHA A Ms. RAKSHITHA S H Ms. USHA S

197. VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1691.	48S_BE_2167	AGRIHIRE: BRIDGING THE GAP BETWEEN FARMERS AND LABORERS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. AJAY SHASTRY C G	Ms. SHRINIDHI DV Ms. APEKSHA D Ms. ASHWIJA U PAI Ms. TRISHA RAI
1692.	48S_BE_3150	SILENT VOICES AMPLIFIED: DECIPHERING SIGN LANGUAGE WITH DEEP LEARNING FOR DUMB AND DEAF	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. AKSHAYA D SHETTY	Ms. SINCHANA B R Ms. DHRUTHI S BHAT Mr. SAGAR K R
1693.	48S_BE_3953	COASTAL CROP ASSISTANT SYSTEM FOR FARMERS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. NAVEENA C	Mr. KARTHIK PRASAD K Mr. ATHULA SUBRAHMANYA S Mr. CHIRAG Mr. SHRIRAM M
1694.	48S_MCA_0119	REAL-TIME WORKPLACE SAFETY MONITORING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Mrs. NEEMA H	Mr. LATHEESH K Mr. VARUN MC Ms. VIKHYA G.C
1695.	48S_MCA_0122	PREDICTING COCOA BUTTER QUALITY USING MACHINE LEARNING	M.C.A.	COMPUTER APPLICATIONS	Mrs.RAJESHWARI M	Ms. SHARANYA B Ms. YUKTHA I P Ms. LIKHITHA
1696.	48S_BE_1207	NILAYASUTRAM: AN ADVANCED APPROACH FOR GRUHA VASTU	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.GURUPRASANNA J K Prof. RADHIKA SHETTY D S	Mr. KEDAR KISHAN J Mr. ATHITH SHETTY K Mr. PRABHAV GOGATE Mr. JITHIN U N
1697.	48S_BE_2482	ENHANCING SPEECH CLARITY FOR CEREBRAL PALSY INDIVIDUALS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRADEEP KUMAR K G	Ms. SANDRA S PILLAI Ms. SAMEEKSHA S POOJARY Ms. YASHASWINI A G Ms. RACHITHA M N
1698.	48S_BE_4910	SMART CRADLE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ROHITH H P	Ms. DEEPTHI Ms. K B BHAVISHYA RAI Ms. RENUKA M Mr. MANJUNATH SHIVANANDA CHAKRASALI
1699.	48S_BE_1766	HYBRID CARGO BICYCLE WITH PEDAL-ASSISTED ELECTRIC MOTOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MAHANTESH R CHOUDHARI	Mr. CHANDRAPRAKASH SHANKAR NAIK Mr. SUJEESH Mr. ASHWATH P S GOWDA
1700.	48S_BE_4447	BRAILLE BRIDGE : AN INNOVATIVE SYSTEM TO BRIDGE THE GAP BETWEEN BLIND PERSON'S	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHIVAPRASAD RAO	Ms. LIKHITHA K Ms. S ROOPA Ms. VARNA S
1701.	48S_BE_6332	FABRICATION OF PANCHAKAJJAYA MAKING MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. DEEPAK K B	Mr. AKSHAY P Y GOWDA Mr. BRIJESH K Mr. JAYARAJ Mr. KARTHIK KUMAR

198. VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1702.	48S_BE_2481	EXPERIMENTAL INVESTIGATION ON THE DURABILITY OF PAVER BLOCKS INCORPORATING GLASS POWDER AND AGRO-WASTE AS ADMIXTURE	B.E.	CIVIL ENGINEERING	Prof. SOUBHAGYA S B Prof. PAVITHRA S	Mr. NITHIN G Mr. NANDANA N Mr. JEEVITH C R
1703.	48S_BE_2089	AI-POWERED MULTILINGUAL HEALTH ASSISTANT WITH VOICE RECOGNITION AND IOT INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NALUGURU UDAYA KUMAR Dr. KISHORE MOHAN K B	Ms. TEJASHREE J DESAI Ms. AKSHATHA L Mr. CHIDANAND R S
1704.	48S_BE_2062	AUTOMATED REAL-TIME CYBER THREAT DETECTION AND MITIGATION WITH MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. P VANAJAKSHI Ms. ANITHA K R	Mr. MAHESH A V Mr. LAKSHMI PRASAD V Mr. ABHISHEK G Ms. ANUSHA P B

199. YENEPOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1705.	48S_BE_4724	MULTI-MODAL VIRTUAL ASSISTANT WITH LLM BASED PROCESS AUTOMATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof.PRASANNA KUMAR	Ms. RAKSHITHA C DEVADIGA Mr. MOHAMMED ABRAAR Mr. SHEIK MOHAMMED SUHEL Mr. MOHAMMED SHANAWAZ
1706.	48S_BE_5155	SMART AI-BASED LEGAL ADVICE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. RAMYA A	Mr. MOHAMMED INSHAD ABDULLA Mr. ABHINAV R Mr. MOHAMMED NIZAMUDDIN Mr. SATHULDEV K
1707.	48S_BE_1956	WOMEN SECURITY SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PANDU NAIK	Ms. VARSHITHA Ms. AYSHA ABID HUSSAIN Ms. SAIDA ARSHI Ms. SANIHA IQBAL SAIT
1708.	48S_BE_2980	UDAAN SAATHI - THE SMART COMMUNICATION ASSISTANT FOR BLIND / DEAF / DISABLED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof.NAMRATHA H N	Mr. BHUVAN G Mr. LIKHITH KUMAR K Ms. SWATHI S Ms. YUKTHA
1709.	48S_BE_3241	IOT BASED SMART PARKING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRASANNA KUMAR.C	Ms. SANDEEKSHA Ms. HARSHITHA Ms. RASHMI Ms. VAISHNAVI
1710.	48S_BE_4027	IOT BASED SMART WHEEL CHAIR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRAVEEN M Dr. PRASANNA KUMAR C	Ms. SUHA SHAFEE Mr. ABDUL RAZIK Mr. MOHAMMED YASEEN Ms. MARIYAM SHIREEN
1711.	48S_BE_5756	IOT ENABLED SMART WASTE MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. NAIDILE S	Ms. ARPITHA K U Ms. RAJASHREE Ms. SHREYA ACHARYA Ms. SPANDANA
1712.	48S_BE_3281	DESIGN AND IMPLEMENTATION OF SMART MOVABLE ROAD DIVIDER USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. FAYAZ SHAIKH	Ms. FATHIMA SANIYA M E Ms. MUSKAAN MOHAMMED YOUNUS Ms. NESARA K N Ms. RAKSHITHA H L
1713.	48S_BE_4188	BENCHMARKING CNN MODELS FOR PNEUMONIA DETECTION USING MEDICAL IMAGING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof.MOHAMMED SIDHEEQUE	Mr. MOHAMMED RIFAZ Mr. ANKIT DUBEY Mr. H V MOHAMMED THABISH Mr. SYED ABDUL HADI
1714.	48S_BE_2299	EXPERIMENTAL STUDY ON THE MECHANICAL PROPERTIES OF WIRE ARC ADDITIVE MANUFACTURING AND METAL FUSION BED 3D PRINTING USING SS316L	B.E.	MECHANICAL ENGINEERING	Prof. RAVINDRA NAIK Prof.JAGANESH G C	Mr. PRATHAP Ms. KAVANA BAI K Mr. PRIYADARSHAN C POOJARY Mr. MOHAMMAD MUZAMIL

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KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

LIST OF PROJECTS AWARDED UNDER THE 48th SERIES OF STUDENT PROJECT PROGRAMME: 2024 – 2025

Annual State-level Poster Presentation and Exhibition of Projects selected under 48th series of SPP held at Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga on 1st and 2nd August, 2025

BEST PERFORMING COLLEGE AWARD:

REVA UNIVERSITY, BENGALURU

BEST PROJECTS OF THE YEAR:

POSTER PRESENTATION PROJECTS

AERONAUTICAL ENGINEERING

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1)	1.	48S_BE_1243	EFFECT OF NATURAL FIBERS ON THE STRENGTH AND DAMAGE IN ADHESIVELY BONDED JOINTS • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI GUIDE (S) : Dr. LOKAMANYA CHIKMATH Mr. RAMANATH M N STUDENT (S) : Mr. MALLIKARJUN CHINAGUNDI Ms. AASTHA PATIL Ms. AITAL SHAIKH Ms. CHINMAYI HOSAMANI

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

2)	15	48S_BE_1118	SAMARTHANAI-PREDICTING DYSLEXIA RISK WITH AN ONLINE GAMIFIED TEST FOR CHILDREN • JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA GUIDE (S) : Dr. ASHWINI J P STUDENT (S) : Ms. HIMANI M R Ms. PRIYANKA ASHWATH Ms. ANUSHA P KANALE Ms. KSHAMA JOIS U S

BIOELECTRONICS

3)	22	48S_BE_0464	MACHINE LEARNING-INTEGRATED COMPUTATIONAL DRUG DISCOVERY FOR NOVEL MULTI-TARGET DRUGS AGAINST EMERGING VIRAL OUTBREAKS • REVA UNIVERSITY, BENGALURU GUIDE (S) : Dr. RAJE SIDDIRAJU UPENDRA Dr. KARTHIK RAJENDRA STUDENT (S) : Mr. M S UPAMANYU Ms. YASHASVI V Ms. SHALEN JANET and Ms. PRERANA M

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE

BIOLOGICAL SCIENCES

4)	24.	48S_MSC_0307	BIOACTIVE PEPTIDES FROM SEAWEED: IDENTIFICATION, ISOLATION AND THERAPEUTIC APPLICATION IN THE MANAGEMENT OF OBESITY AND DIABETES MELLITUS • DAYANANDA SAGAR UNIVERSITY, RAMANAGARA GUIDE (S) : Dr. NEHA DEORA Dr. BLESSY BABY MATHEW STUDENT (S) : Mr. BHARATH MB Ms. ASHRITA M Ms. VOOTUKURI SHRAVANI Ms. HARSHITHA B P

BIOTECHNOLOGY

5)	28.	48S_MSC_0271	FORMULATION OF PROBIOTICS FROM RICE WASH FERMENTATION • MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN, AUTONOMOUS, BENGALURU GUIDE (S) : Dr. JOLITHA A B Dr. BABITHA B STUDENT (S) : Ms. S AFREEN BANU Ms. RAKSHITHA N Ms. SUSHMA N

CHEMISTRY

6)	37	48S_MSC_0323	NOVEL APPROACHES TO ENHANCE THE EFFICIENCY OF WHITE LIGHT EMITTING DIODES (WLEDS) • DAVANGERE UNIVERSITY, DAVANGERE GUIDE (S) : Prof. NAGASWARUPA H.P. STUDENT (S) : Ms. SANIYA BANU Mr. PAVANA H Mr. RAMESHA P B

CIVIL ENGINEERING

7)	56	48S_BE_3079	A SUSTAINABLE APPROACH TO REDUCE PLASTIC POLLUTION AND FLOATING DEBRIS IN RIVERS, CANALS AND OCEANS • P.E.S. COLLEGE OF ENGINEERING, MANDYA GUIDE (S) : Prof. MADHUSUDHAN M S STUDENT (S) : Ms. M MEGHANA Ms. NIMISHA M GOWDA Ms. RAMYA H L Mr. SUHAS NAYAK I S
8)	59	48S_BE_3055	DURABILITY AND PERFORMANCE OF LIME MORTAR USING KADUKKAI (TERMINALIA CHEBULA) • SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU GUIDE (S) : Dr. NAHUSHANANDA CHAKRAVARTHY H.G STUDENT (S) : Ms. MANASA HG Ms. HEMA T H Ms. BHOOMIKA KIRAN Mr. SUNIL SINGH

COMPUTER APPLICATIONS

9)	67	48S_MCA_0058	TELEMETRY-DRIVEN HAZARDOUS GAS PREDICTION IN ATMOSPHERIC MONITORING • R.V. COLLEGE OF ENGINEERING, BENGALURU GUIDE (S) : Dr. DIVYA T L Dr. ANDHE DHARANI STUDENT (S) : Mr. DHEERAJ S Mr. CHANDRASHEKAR P G

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE

COMPUTER SCIENCE AND ENGINEERING

10)	88	48S_BE_0626	PAWSCAN: AI-POWERED EARLY DETECTION OF SKIN DISEASES IN STRAY DOGS • DAYANANDA SAGAR UNIVERSITY, RAMANAGARA GUIDE (S) : Prof. SASIKALA N STUDENT (S) : Mr. VENKATESH P Mr. NANDEESH P MATH Mr. SAMARTH S S Ms. SREE VIBHA G
11)	92	48S_BE_1973	BLOOD GROUP DETECTION USING FINGERPRINT WITH IMAGE PROCESSING • JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD GUIDE (S) : Prof. SHILPA HADIMANI STUDENT (S) : Mr. SOORAJ SHIVAYOGI EMMI Mr. ABHINANDAN SHASHIKANT GAIKWAD Ms. ANJUM DILAWARSAB NADAF Ms. BHRAMARAMBIKA JOSHI
12)	95	48S_BE_1849	SMART EDUCATION SYSTEM FOR UNDERPRIVILEGED CHILDREN • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI GUIDE (S) : Dr. KULDEEP SAMBREKAR STUDENT (S) : Mr. KARTIK JADHAV Mr. ATHARVA PARULKAR Mr. KUNAL DULBAJI Mr. OMKAR PATIL
13)	101	48S_BE_0654	OPTIMIZING AGRICULTURAL PRACTICES IN ARID AND SEMI-ARID REGIONS USING REMOTE SENSING AND MACHINE LEARNING • REVA UNIVERSITY, BENGALURU GUIDE (S) : Dr. LAXMI B RANANAVARE STUDENT (S) : Mr. SARAVANA KUMAR D C Mr. ABHISHEK R PRASAD Mr. ANKUSH HEGDE Mr. PAVAN B N

ELECTRONICS AND COMMUNICATION ENGINEERING

14)	125	48S_BE_5823	EARLY PREDICTION OF TYPE 2 DIABETES MELLITUS IN YOUNG ADULTS USING LSTM • REVA UNIVERSITY, BENGALURU GUIDE (S) : Dr. VEENA K N STUDENT (S) : Ms. AMRUTHA HM and Mr. CHANDAN M
15)	126	48S_BE_3980	A PET-LIKE COMPANION FOR THE BLIND PEOPLE WITH INFORMATIVE CAPABILITIES • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD GUIDE (S) : Mrs. PREETI S. BELLERIMATH STUDENT (S) : Mr. SATVIK ASHOK HANCHALI Mr. PRAJWAL CHANNAPPANAVAR Mr. KARTHIK NARASINHA NAIK Mr. NILESH M KADOLKAR

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE

INFORMATION SCIENCE AND ENGINEERING

16)	141	48S_BE_5461	SAFESTREETS: INTELLIGENT SYSTEM FOR TRAFFIC RULES AND PUBLIC SAFETY • GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU GUIDE (S) : Dr. BHAGYASHRI R HANJI Dr. NIRMALA H STUDENT (S) : Ms. MONISHA M V Ms. BHOOMIKA K R Mr. CHIRAG K Mr. DEEPAK S CHARANTIMATH
17)	144	48S_BE_2749	FACE-ANTISPOOFIING USING BLOCK AVERAGE LOCAL BINARY PATTERN (BALBP) • JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA GUIDE (S) : Dr. RAGHAVENDRA R J STUDENT (S) : Ms. AKSHATHA J S Ms. ANANYA S Ms. NANDITHA A L Ms. NIDHISHRITHA B M
18)	148	48S_BE_5299	MITIGATING DATA CHALLENGES AND ANALYSIS OF NEURO IMAGES USING BRAIN TRACTOGRAPHY • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU GUIDE (S) : Dr. H S ANNAPURNA STUDENT (S) : Ms. AYESHA SIDDIQA Ms. BHAVANI V Ms. CHANDANA R Ms. CHARMIE J JAIN

M.B.A

19)	156	48S_MBA_0177	AN EMPIRICAL STUDY ON CONSTRAINTS AND SUGGESTIONS EXPRESSED BY THE BENEFICIARIES & NON-BENEFICIARIES OF KRISHI BHAGYA SCHEME IN KOLAR DISTRICT • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU GUIDE (S) : Dr. NAVEEN G Prof. UDAYA S STUDENT (S) : Mr. PAVAN KUMAR T Ms. AISHWARYA KAMATH Ms. PARINITHA N Ms. BHAVANA H
20)	158	48S_MBA_0074	MULTI-PURPOSE BIODEGRADABLE CONTAINERS: UTILIZING AGRICULTURAL BY-PRODUCTS FOR ECO-FRIENDLY FOOD PACKAGING AND NURSERY PLANTING SOLUTIONS • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU GUIDE (S) : Mr. JAI GANESH M N Dr. AASHISH C I STUDENT (S) : Mr. DHANUSH T R Ms. MONIKA C Mr. NAGADARSHAN G S Ms. PALLAVI A G

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE

EXHIBITION PROJECTS

AERONAUTICAL ENGINEERING

21)	172	48S_BE_5275	BIO-INSPIRED HONEYCOMB STRUCTURE • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU GUIDE (S) : Dr. MANU HEGDE STUDENT (S) : Mr. DARSHAN S Mr. PUNEETH S Mr. FARHAN MINHAJ KASHIM Mr. M SATYA SAI SRINIVAS

AGRICULTURE ENGINEERING

22)	178	48S_BE_2643	DEVELOPMENT OF CORN HUSK CUP MAKING MACHINE • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI GUIDE (S) : Dr. K.V. SURESH STUDENT (S) : Mr. CHANDAN BM Mr. USAMA M K Mr. SAWAN SHETTY Ms. K A PREKSHA

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

23)	189	48S_BE_6464	AID FOR THE VISUALLY IMPAIRED USING AI • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU GUIDE (S) : Mr. MANJUPRAKASH R STUDENT (S) : Mr. NIKHIL SHREYAS SK Mr. KOUSHIK S JAIN Mr. K P GAUTHAM Mr. KUSHAL NAG M S
24)	191	48S_BE_2462	AI POWERED WEARABLE NAVIGATION AID FOR VISUALLY IMPAIRED • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU GUIDE (S) : Mr. SHARATHCHANDRA N R STUDENT (S) : Mr. MOHAMMAD ANZIL PARVEEZ Mr. RAHIL IBRAHIM K Mr. RAKSHITH RAO Mr. SUJAN KUMAR SHETTY
25)	196	48S_BE_6462	AI-DRIVEN TALENT ACQUISITION ENGINE AND CAREER FIT ASSESSMENT PLATFORM • GURU NANAK DEV ENGINEERING COLLEGE, BIDAR GUIDE (S) : Dr. DAYANAND JAMKHANDIKAR STUDENT (S) : Ms. MAHATI SHITOLE Mr. UDAYKIRAN BAWAGE Ms. SHAHEEMA MALIHA FEROZ Mr. GUFRAN AHMED KHAN

BIOTECHNOLOGY

26)	207	48S_MSC_0142	DESIGN AND DEVELOPMENT OF A HALOPHILIC BIOFILM- BASED INTEGRATED SYSTEM FOR SEAWATER DESALINATION AND SUSTAINABLE PRODUCTION OF PORTABLE WATER AND ELECTRICITY • St. ALOYSIUS COLLEGE (AUTONOMOUS), MANGALURU GUIDE (S) : Dr. JIJI GEORGE STUDENT (S) : Ms. PRATHEEKSHA M Mr. SAJAN S P Ms. RAKENDU K

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE

CHEMISTRY

27)	211	48S_MSC_0164	BRICKS FROM GRANITE SLURRY: TRANSFORMING WASTE INTO VALUE • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU GUIDE (S) : Dr. J.P. SHUBHA STUDENT (S) : Mr. SAGAR A.M. Ms. SNEHA K.G. Mr. MANOJ KUMAR G M Ms. DHANUSHREE G.K.

CIVIL ENGINEERING

28)	214	48S_BE_3217	PERFORMANCE EVALUATION OF GREEN SYNTHESISED NANOCOMPOSITE ENHANCED ELECTRODES IN MICROBIAL FUEL CELL (MFC) FOR GENERATING EFFICIENT ELECTRICITY • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU GUIDE (S) : Prof. SHREYAS B V Dr. K N VISHWANATH STUDENT (S) : Mr. YASHWANTH KUMAR R Ms. AKSHATHA N Ms. HARSHINI S R Mr. MANOJ U
29)	220	48S_BE_6090	COMPREHENSIVE LANDSLIDE SUSCEPTIBILITY MAPPING AND STABILITY ANALYSIS FOR SUSTAINABLE SLOPE MANAGEMENT IN THE MADIKERI REGION • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU GUIDE (S) : Mrs. SHRUTHI A N Dr. ABHISHEK A PATHAK STUDENT (S) : Ms. YASHASHWINI K H Mr. VISHWAS M R Mr. PAVAN KUMAR Mr. SHANKAR PRASAD P

COMPUTER APPLICATIONS

30)	226	48S_MCA_0106	ARDUINO IDE PHONE UNLOCKING, WIFI HACKING AND ANDRIOD HACKING • GARDEN CITY UNIVERSITY, BENGALURU GUIDE (S) : Dr. SIBI SHAJI STUDENT (S) : Mr. MUHAMMED ARAFATH.A

COMPUTER SCIENCE AND ENGINEERING

31)	238	48S_BE_0937	SMART LOCK FOR PARKING VIOLATION USING: IOT • A.M.C. ENGINEERING COLLEGE, BENGALURU GUIDE (S) : Mrs. MALA M Mrs. VELVIZHI RAMYA R STUDENT (S) : Mr. TEJAS B P Mr. YASHWANTH R Ms. FATIMA FAZIL and Ms. GAMYA SHREE V
32)	244	48S_BE_4780	SMART EDUCATIONAL ECOSYSTEM WITH AUTOMATED MONITORING AND COLLABORATIVE TOOLS • ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI GUIDE (S) : Prof. VILAS JARALI STUDENT (S) : Mr. YUGANT D. KOULGEKAR Mr. PRAMOD TOPANNAVAR Mr. PRATHAMESH MANOHAR KUMBAR Mr. SIDDAPPA IRAPPA TOTAGER

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
33)	254	48S_BE_0864	CARDIAC ARRHYTHMIA DETECTION • DAYANANDA SAGAR UNIVERSITY, RAMANAGARA GUIDE (S) : Dr. RENUKA DEVI M.N STUDENT (S) : Mr. RACHIT KUMAR A Ms. SAANCHITHA D Mr. SAVINAY NAMBIAR Mr. SRINIVAS REDDY D
34)	264	48S_BE_6236	STREAMLIT BASED AI-ASSISTANT FOR DATASCIENCE • GOVERNMENT ENGINEERING COLLEGE, DODDAMANNUGUDDE, RAMANAGARA GUIDE (S) : Mrs. KOMALA K V STUDENT (S) : Mr. UDAYSHANKAR K Ms. SHAMBHAVI Ms. TEJASWINI G Ms. SINCHANA K R
35)	265	48S_BE_5013	ARTIFICIAL INTELLIGENCE JUDGE • GOVERNMENT ENGINEERING COLLEGE, KARWAR GUIDE (S) : Prof. BHAVANA D Prof. NAVARATNA D KURDEKAR STUDENT (S) : Mr. ASTHIK Mr. C SIDDALINGASWAMY Ms. DEEPA S KALLAPUR Mr. BASAVARAJ M BENNI
36)	278	48S_BE_6281	SMART URBAN NAVIGATION: A CRIME DATA DRIVEN ROUTE OPTIMIZATION SYSTEM FOR SAFER TRAVEL IN BENGALURU • P.E.S. UNIVERSITY, BENGALURU GUIDE (S) : Dr. SUDEEPA ROY DEY STUDENT (S) : Ms. CHANDRA PRABHA Mr. SAMPANN RAHEJA Ms. SANAMPUDI SAI SUKRUTHI Mr. RAGHAVENDRA GAJANAN AMBEKAR

ELECTRICAL AND ELECTRONICS ENGINEERING

37)	296	48S_BE_2238	DESIGN AND DEVELOPMENT OF A PORTABLE ELECTRIC SCOOTER • J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU GUIDE (S) : Dr. SHARMILA N STUDENT (S) : Mr. LOCHAN KUTTAPPA I A Ms. AISHWARYA GAONKAR Mr. SUSHANTH RASHREE and Ms. SNEHA C R
38)	310	48S_BE_3329	ENERGY EFFICIENT AND ENVIRONMENTAL FRIENDLY ELECTRIC POWER TILLING MACHINE FOR SMALL SCALE FARMERS • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU GUIDE (S) : Dr. GOPALA REDDY K Prof. GOUTHAM B STUDENT (S) : Mr. NIRANJAN R Mr. RAMACHANDRA D N Mr. MAHADEVAPRASAD K D and Mr. PREETHAM D

ELECTRONICS AND COMMUNICATION ENGINEERING

39)	319	48S_BE_4291	DETECTION OF ROAD CONDITION DEFECTS USING SENSORS AND IOT TECHNOLOGY • CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU GUIDE (S) : Prof. NANDINI KUMARI. B STUDENT (S) : Mr. A S VENKATESH Mr. ABHISHEK K S Mr. ADITYA LAXMAN and Mr. GNANESH M

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
40)	331	48S_BE_0368	PORTABLE EV CHARGING SYSTEM WITH SHORT CIRCUIT DETECTION • JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI GUIDE (S) : Prof. VIJAYKUMAR PATIL STUDENT (S) : Ms. SOUMYA GOKAK Mr. KRISHNA GONDKAR Ms. CHAITRA JORAPUR and Mr. HARISH MANTUR
41)	332	48S_BE_0417	BOREWELL RESCUE ROBOT MODIFIED • JAIN COLLEGE OF ENGINEERING, BELAGAAVI GUIDE (S) : Prof. SHAHAK PATIL Prof. RAVINDRA SULEBHAVI STUDENT (S) : Mr. MOHAMMED IBRAHIM ANGOLKAR Mr. SACHIN BHOSALE Ms. SHREYA ALLIGIDAD and Ms. SNEHAL TETAMBI
42)	343	48S_BE_4678	HANDCRAFTED APPROACHES FOR CONTACTLESS 3D HUMAN BIOMETRIC IMAGE RECONSTRUCTION FOR SECURED IDENTIFICATION • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU GUIDE (S) : Prof. G DIVYA and Dr. MAMATHA GIRISH STUDENT (S) : Ms. MEDHA K M Mr. MAHESH NAIK L Mr. MANOJ R
43)	349	48S_BE_6089	LOW-COST INDIGENOUS SMART PLASTIC WASTE COLLECTOR MACHINE SWABHAV • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU GUIDE (S) : Dr. VIPULA SINGH Dr. LEENA CHANDRASHEKHAR STUDENT (S) : Mr. BALAJI P V Mr. PRANAVA PANDIT R
44)	365	48S_BE_6159	TUNABLE GRIP MEASUREMENT DEVICE FOR ARTHRITIS PATIENTS • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU GUIDE (S) : Dr. PREETA SHARAN Prof. TINA ELIZEBETH THOMAS STUDENT (S) : Mr. S ANIL KUMAR Ms. BRINDA J Ms. SANDHYA G and Ms. NANDINI G S

INFORMATION SCIENCE AND ENGINEERING

45)	375	48S_BE_1045	ORALCARE-X • A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU GUIDE (S) : Prof. ARCHANA PRIYADARSHINI STUDENT (S) : Ms. SHRAVYA M R Mr. MOHIT VK Ms. V DHANYA and Ms. PREETHI
46)	377	48S_BE_3977	SMART INFANT HEALTH MONITORING SYSTEM WITH IOT-BASED FAILOVER MECHANISMS FOR RURAL AREAS • B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU GUIDE (S) : Prof. SHOBANA T S STUDENT (S) : Mr. RUTAJIT SARKAR Mr. PRINCE KUMAR Ms. PRATEEKSHA N KULKARNI

M.B.A

Sl. No.	Project. No.	PROJECT SANCTION REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
47)	396	48S_MBA_0168	A STUDY ON "HERBAL MOSQUITO REPELLENT SOLUTIONS: A GREEN APPROACH TO PEST MANAGEMENT" • NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPURA GUIDE (S) : Mrs. KAVITHA C STUDENT (S) : Ms. SHRAVANI M Ms. ANUSHA. N Mr. CHANDAN. K M

MECHANICAL ENGINEERING

48)	408	48S_BE_0171	DESIGN AND DEVELOPMENT OF A SUSTAINABLE, LOW-COST, LITHIUM-ION BATTERY-POWERED SOLAR ELECTRIC VENDOR CART FOR UNDERSERVED COMMUNITIES • GITAM SCHOOL OF TECHNOLOGY, BENGALURU GUIDE (S) : Dr. PRAVEEN KUMAR M V and Mr. RAJESH M N STUDENT (S) : Mr. ARUN SAGAR S Mr. A HEAMKUMAR
49)	409	48S_BE_0209	AUTOMATIC RAIN SENSING AND PROTECTION COVER FOR CROP GRAINS AND SEEDS • HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI GUIDE (S) : Dr. K M AKKOLI STUDENT (S) : Mr. MALLIKARJUN SHETTENNAVAR Mr. ABHISHEK BEVINAKOPPAMATH Mr. AKASH ANAJE PATIL Mr. VIVEK NANDAGAVI

ROBOTICS AND MECHATRONICS

50)	437	48S_BE_3986	DESIGN AND DEVELOPMENT OF HUMANOID ROBOT WITH AUTONOMOUS NAVIGATION • CHRIST (DEEMED TO BE UNIVERSITY), KENGERI CAMPUS, BENGALURU GUIDE (S) : Dr. AMRUTA ROUT STUDENT (S) : Mr. ABRAHAM THOMAS JOY Mr. JOEL MATHEW JENI Mr. SAMUEL SEBASTIAN Mr. NAVANEETH KRISHNA

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Annexure III

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

STUDENT PROJECT PROGRAMME

AWARDEES OF BEST PERFORMING COLLEGE OF THE YEAR AWARD

SERIES of SPP	COLLEGE NAME
48th SERIES: 2024-25	REVA UNIVERSITY, BENGALURU
47th SERIES: 2023-24	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
46th SERIES: 2022-23	R.V. COLLEGE OF ENGINEERING, BENGALURU
45th SERIES: 2021-22	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU
44th SERIES: 2020-21	B.L.D.E.A'S VACHANA PITAMAHA DR. P. G. HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
43rd SERIES: 2019-20	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODABIDRE
42nd SERIES: 2018-19	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, BELAGAAVI
41st SERIES: 2017-18	K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI
40th SERIES: 2016-17	ST. JOSEPH ENGINEERING COLLEGE, VAMANJOOR, MANGALURU
39th SERIES: 2015-16	VSM INSTITUTE OF TECHNOLOGY, NIPANI, BELAGAVI
38th SERIES: 2014-15	NMAM INSTITUTE OF TECHNOLOGY, NITTE, KARKALA
37th SERIES: 2013-14	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
36th SERIES: 2012-13	B. V. BHOOMARADDI COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI
35th SERIES: 2011-12	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU
34th SERIES: 2010-11	VIDYA VARDHAKA COLLEGE OF ENGINEERING, MYSURU
33rd SERIES: 2009-10	PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPET, BALLARI
32nd SERIES: 2008-09	NMAM INSTITUTE OF TECHNOLOGY, NITTE
31st SERIES: 2007-08	P.A. COLLEGE OF ENGINEERING, MANGALURU
30th SERIES: 2006-07	NMAM INSTITUTE OF TECHNOLOGY, NITTE
29th SERIES: 2005-06	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
28th SERIES: 2004-05	SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERIG, MYSURU
27th SERIES: 2003-04	NMAM INSTITUTE OF TECHNOLOGY, NITTE
26th SERIES: 2002-03	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANGERE
25th SERIES: 2001-02	B.V.B. COLLEGE OF ENGINEERING, HUBBALLI

Annexure IV

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru - 560012

CHRONOLOGY OF SPP SEMINAR AND EXHIBITION

SPP Series	College and Place	Year	No. of Projects Sanctioned	No. of S/E Projects
1st	Karnataka State Council for Science and Technology, Bengaluru	1977-78	54	30
2nd	Malnad College of Engineering, Hassan	1978-79	106	37
3rd	Sri Jayachamarajendra College of Engineering & NIE., Mysuru	1979-80	109	42
4th	Karnataka Regional Engineering College, Surathkal	1980-81	162	40
5th	HKES Pujya Doddappa Appa College of Engineering, Kalaburagi	1981-82	98	32
6th	BVB College of Engineering, Hubballi	1982-83	115	35
7th	Bapuji Institute of Engineering & Technology, Davanagere	1983-84	129	28
8th	KLES College of Engineering & Technology, Belagaavi	1984-85	132	38
9th	PES College of Engineering, Mandya	1985-86	109	56
10th	Rashtriya Vidyalaya College of Engineering, Bengaluru	1986-87	142	52
11th	Siddaganga Institute of Technology, Tumakuru	1987-88	147	36
12th	Sri Jayachamarajendra College of Engineering, Mysuru	1988-89	109	33
13th	Jawaharlal Nehru National College of Engineering, Shivamogga	1989-90	112	38
14th	Sri Dharmasthala Manjunatheshwara College of Engineering, Dharwad	1990-91	130	46
15th	KLES College of Engineering & Technology, Belagaavi	1991-92	189	54
16th	Kalpatharu Institute of Technology, Tiptur	1992-93	143	72
17th	Ghousia College of Engineering, Ramanagara	1993-94	193	80
18th	Sri Siddartha Institute of Technology, Tumakuru	1994-95	147	63
19th	National Institute of Engineering, Mysuru	1995-96	209	79
20th	Sir M. Visvesvaraya Institute of Technology, Bengaluru	1996-97	193	70
21st	Manipal Institute of Technology, Manipal	1997-98	253	125
22nd	B.M. Srinivasaiah College of Engineering, Bengaluru	1998-99	223	87
23rd	Kurunje Venkataramana Gowda College of Engineering, Sullia	1999-2000	201	104
24th	HKES' SLN College of Engineering, Raichur	2000-01	194	112
25th	Siddaganga Institute of Technology, Tumakuru	2001-02	145	82
26th	Vijayanagar Engineering College, Ballari	2002-03	144	69

27th	Gogte Institute of Technology, Belagaavi	2003-04	205	126
28th	Basaveshwar College of Engineering, Bagalkot	2004-05	231	121
29th	Poojya Doddappa Appa College of Engineering, Kalaburagi	2005-06	275	132
30th	KLE Society's College of Engineering and Technology, Belagaavi	2006-07	281	147
31st	Adichunchanagiri Institute of Technology, Chikmagalur	2007-08	289	150
32nd	National Institute of Technology Karnataka, Surathkal, Mangaluru	2008-09	256	146
33rd	Shridevi Institute of Engineering and Technology, Tumakuru	2009-10	291	152
34th	PES Institute of Technology and Management, Shivamogga	2010-11	294	166
35th	Shree Dharmasthala Manjunateshwara Institute of Technology, Ujire	2011-12	307	176
36th	Angadi Institute of Technology and Management, Belagaavi	2012-13	409	207
37th	B.V. Bhoomaraddi College of Engineering and Technology, Hubballi	2013-14	420	255
38th	Sahyadri College of Engineering and Management, Mangaluru	2014-15	509	253
39th	BLDEA's V.P. Dr. P.G. Halakatti College of Engineering and Technology, Vijayapura	2015-16	636	287
40th	NMAM Institute of Technology, Nitte, Karkala, Udupi District	2016-17	627	332
41st	Bapuji Institute of Engineering and Technology, Davangere	2017-18	685	404
42nd	KLE Dr. M. S. Sheshgiri College of Engineering and Technology, Belagaavi	2018-19	798	415
43rd	Karnataka State Council for Science and Technology (Online)	2019-20	999	931
44th	Karnataka State Council for Science and Technology (Online)	2020-21	1190	1129
45th	Visvesvaraya Technological University (VTU), Belagavi	2021-22	1230	332
46th	Alva’s Institute of Engineering and Technology, Moodubidire	2022-23	1494	443
47th	Sharnbasva University, Kalaburagi	2023-24	1530	354
48th	Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga	2024-25	1,714	440
	Total Projects		**18,558**	**8,638**

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Student Project Program

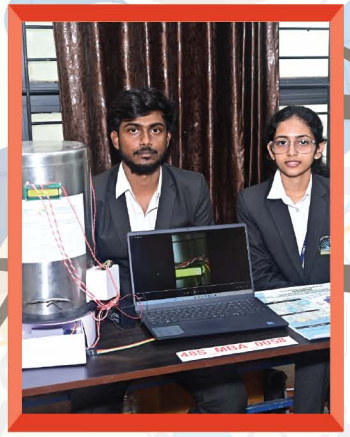














KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru

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