

Centenary Celebrated Sharnbasveshwar Vidya Vandhaka Sangha's



Sharnbasva University
Kalaburagi - 585 103





KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST) IISc., BENGALURU AND SHARNBASVA UNIVERSITY, KALABURAGI

47th Series KSCST
Annual State-Level Poster Presentation and Project Exhibition
9th & 10th AUGUST 2024
Venue: SHARNBASVESHWARA INSTITUTIONS CAMPUS, KALABURAGI

SPP - Main Committee Conveners at Sharnbasva University, Kalaburagi

Nodal Officer of SPP 47th Series Poster Presentation and Exhibition	Mr. Vishwajit B. Darekar Assistant Professor Zoology, Faculty of Science and Technology Sharnbasva University, Kalaburagi Email: vishwajeetdarekar@gmail.com Contact No. 9632306006	
Committee Name	Conveners	Faculty Co-ordinators
Reception and Registration Committee	Mr. Satishkumar Patil Contact No. 9986159506	Prof. Amruta Contact No. 7899244236
Poster Presentation Committee	Dr. Shivleela Patil Contact No. 8050963379	Dr. Jyoti N Contact No. 9986700546
Exhibition Committee	Dr. Syeda Asra Contact No. 9986131522	Dr. Sachinkumar Veerashetty Contact No. 9916801062
Facilities Committee	Dr. Gajendran Malshetty Contact No. 9036251072	Dr. Anand N Patil Contact No. 9972429494
Accommodation Committee for Students	Mr. Sharan V Shegedar Contact No. 9480149888	Dr. Shashidhar S Contact No. 7795758232
Transportation Committee	Dr. Jagadevkumar A Patil Contact No. 9972787490	Dr. Jagadevkumar A Patil Contact No. 9972787490
Food Committee	Dr. Nagbasavanna Guragol Contact No. 9731782555	Prof. Rajshekar Yergol Contact No. 9448181084
Programme Committee	Dr. Sujata Malapure Contact No. 984525629	Dr. Sridevi Hosmani Contact No. 9538626926
Entertainment Committee	Dr. Nagabhushan Patil Contact No. 9902568078	Dr. Swati Kalshetti Contact No. 8050604096
Finance Committee	Mr. Vishwajit B Darekar Contact No. 9632306006	Dr. Laxmikant E N Contact No. 8884117756

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012
and
SHARNBASVA UNIVERSITY, KALABURAGI

47th series of Student Project Programme (SPP): 2023-24

**Annual State-Level Poster Presentation and Exhibition
on 9th and 10th August 2024 at Sharnbasva University, Kalaburagi**

Date : 9th August 2024

Time: 10:30 AM

Venue : Doddappa Appa Auditorium, Sharnbasva University, Kalaburagi

INAUGURAL FUNCTION

In the Benign Presence of

His Holiness Vidya Bhandari

Poojya Dr. Sharnbaswappa Appa

Mahadasoha Peethadhipati, Sharnbasveshwar Samsthan
President, Sharnbasveshwar Vidya Vardhak Sangha
Hon'ble Chancellor, Sharnbasva University
Trustee, Poojya Dr. Sharnbaswappa Appa Family Trust,
Sharnbasveshwar Samsthan, Kalaburagi

Poojya Matoshree Dr. Dakshayini S. Appa

Hon'ble Chairperson,
Sharnbasveshwar Vidhya Vardhak Sangha
Member, Board of Governor, Sharnbasva University
Trustee, Poojya Dr. Sharnbaswappa Appa Family Trust,
Sharnbasveshwar Samsthan, Kalaburagi

His Holiness Cheeranjeevi

Poojya Doddappa Appa

9th Mahadasoha Peethadhipati, Sharnbasveshwar Samsthan, Kalaburagi
Trustee, Poojya Dr. Sharnbaswappa Appa Family Trust, Sharnbasveshwar Samsthan, Kalaburagi

10:30 AM - 10:35 AM **Invocation**

10:35 AM – 10:45 AM **Welcome Address:**

Dr. S. G. Dollegoudar

Registrar, Sharnbasva University, Kalaburagi

10:45 AM – 10:55 PM **Introductory Remarks:**

Dr. U T Vijay

Executive Secretary, Karnataka State Council for Science & Technology, Bengaluru

10:55 AM – 11:00 AM **Lighting the Lamp by Dignitaries**

Release of SPP Technical Record and CD

11:00 AM – 11:10 AM **Felicitation to Dignitaries and Jury Members**

11:10 AM – 11:25 AM **Inauguration and Inaugural Address:**

Sri N. S. Boseraju

Hon'ble Minister for Minor Irrigation, Science and Technology Department,
Government of Karnataka

11:25 AM – 11:35 AM **Keynote Address:**

Prof. Ashok M Raichur FNAE, FNASc, FRSC

Secretary, Karnataka State Council for Science and Technology and
Professor, Department of Materials Engineering, Indian Institute of Science

11:35 AM – 11:45 AM **Chief Guest Address:**

Prof. Dayanand Agsar

Hon'ble Vice-Chancellor, Gulbarga University, Kalaburagi

11:45 AM – 11:55 AM **Address by:**

Shri. Basavaraj S Deshmukh

Hon'ble Secretary Sharnbasveshwar Vidya Vardhak Sangha
Member, BOG, Sharnbasva University, Kalaburagi

- 11:55 AM – 12.05 PM Presidential Address:**
Dr. Anilkumar Bidve
Hon'ble Vice -Chancellor, Sharnbasva University, Kalaburagi
- 12:05 PM – 12.10 PM Vote of Thanks:**
Sri. Vishwajit B. Darekar
Nodal Officer of SPP 47th Series Poster Presentation & Exhibition
Department of Zoology, Sharnbasva University, Kalaburagi
- 12:10 PM – 12:15 PM Inauguration of Students Projects**
Poster presentation and Exhibition Stall by Dignitaries
- 12:15 PM – 01:00 PM Students Poster Presentation initiation and**
Projects Exhibition visit and interaction
- 01:00 PM – 01:45 PM Lunch**
- 01:45 PM – 02:00 PM Assembling and Meeting of Experts and Juries at Board Room**
- 02:00 PM – 06:00 PM Evaluation of Students Poster Presentation and Projects Exhibition**
- 06:00 PM – 07:30 PM Cultural programme**
- 07:30 PM onwards Dinner**

47th Series – Poster Presentation and Exhibition of Student Project Programme
9th and 10th August 2024

POSTER PRESENTATION PROJECTS

Friday, 9th August, 2024

AERONAUTICAL ENGINEERING (4), COMPUTER AIDED DESIGN OF STRUCTURES (1)

MECHANICAL ENGINEERING (5)

Poster Presentation : projects - 1

Jury : Dr. K. VENKATESWARLU
CHIEF SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

Venue : CSE Department: seminar hall-1 (GECW), II floor

AERONAUTICAL ENGINEERING (4)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
1.	47S_BE_3874	AIRCRAFT WING MORPHING USING AUXETIC STRUCTURES • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
2.	47S_BE_4090	SOLAR ENDURANCE FLIGHT • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
3.	47S_BE_4217	DESIGN AND DEVELOPMENT OF ROBUST ICOSAHEDRON FRAME CAPABLE OF ABSORBING AND DISSIPATING COLLISION FORCES, MINIMISING THE RISK OF CRITICAL DAMAGE TO UNMANNED AERIAL SYSTEM • GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU
4.	47S_BE_3284	EXPERIMENTAL AND ANALYTICAL STENGTH INVESTIGATION OF REPAIRED FRP LAMINATES • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU

COMPUTER AIDED DESIGN OF STRUCTURES (1)

50.	47S_MTech_0041	AN EXPERIMENTAL AND FINITE ELEMENT STUDY ON REINFORCED CONCRETE BEAMS UTILIZING ALUMINIUM WASTE IN IMPROVING SHEAR PERFORMANCE • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
-----	----------------	--

MECHANICAL ENGINEERING (5)

134.	47S_BE_1215	DESIGN AND FABRICATION OF SPEED BUMP BY USING NON- NEWTONIAN FLUID • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
135.	47S_BE_1503	COMPARATIVE STUDY ON MECHANICAL PROPERTIES OF WASTE REINFORCED MUD-BRICKS • B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT

136.	47S_BE_1015	DESIGN, MODELLING AND FABRICATION OF CONTROL SYSTEM FOR RAM AIR PARACHUTE <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
137.	47S_BE_4003	CONDITION MONITORING OF SPUR GEAR USING VIBRATION SIGNAL AND MACHINE LEARNING TECHNIQUE <ul style="list-style-type: none"> P.E.S. COLLEGE OF ENGINEERING, MANDYA
138.	47S_BE_2299	BIODIESEL FROM WASTE COOKING OIL AND ITS CHARACTERIZATION WITH NANOMATERIALS: ECO-FRIENDLY SYNTHESIS AND EXPERIMENTAL INVESTIGATION FOR PERFORMANCE AND EXHAUST EMISSIONS <ul style="list-style-type: none"> SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

**CHEMICAL ENGINEERING (2), CHEMISTRY (2), FOOD SCIENCE AND TECHNOLOGY (1), MICROBIOLOGY (3)
MINERAL PROCESSING (1), ORGANIC CHEMISTRY (1), PHARMACY (1), POLYMER SCIENCE AND TECHNOLOGY (1)**

Poster Presentation projects - 2 :

Jury : **Dr. J. R. MUDAKAVI**
FORMER CHIEF RESEARCH SCIENTIST, DEPARTMENT OF CHEMICAL ENGINEERING, INDIAN INSTITUTE OF SCIENCE, BENGALURU

Venue : **CSE Department: seminar hall-1 (GECW), II floor**

CHEMICAL ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
22.	47S_BE_5383	OPTIMISATION OF BIOGAS PRODUCTION USING SOLAR ENERGY <ul style="list-style-type: none"> MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL
23.	47S_BE_0797	GREEN SYNTHESIS OF NANO COPPER BASED LUBRICANTS FROM ELECTRONIC WASTE <ul style="list-style-type: none"> R.V. COLLEGE OF ENGINEERING, BENGALURU

CHEMISTRY (2)

24.	47S_MSC_0097	LEAD-FREE PEROVSKITE/POLYMER NANOCOMPOSITE AS TRIBOELECTRIC NANOGENERATOR <ul style="list-style-type: none"> J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU
25.	47S_MSC_0156	PHOTOCATALYTIC INVESTIGATION OF BIVO ₄ /BIOBR/LFO MAGNETIC BASED TERNARY NANOCOMPOSITE AND BIODIESEL PRODUCTION FROM USED COOKING OIL <ul style="list-style-type: none"> M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU

FOOD SCIENCE AND TECHNOLOGY (1)

118.	47S_MSC_0078	EMPOWERING WOMEN HEALTH: READY - TO - EAT PROBUOTIC NEUTRACEUTICAL PRODUCT WITH ENHANCED BIOAVAILABILITY OF CALCIUM <ul style="list-style-type: none"> ST. JOSEPHS UNIVERSITY, BENGALURU
------	--------------	--

MICROBIOLOGY (3)

140.	47S_MSC_0125	DESIGN AND DEVELOPMENT OF SUSTAINABLE PLANT BASED CELLULOSE FILTERS FOR WASTEWATER PURIFICATION <ul style="list-style-type: none"> GARDEN CITY UNIVERSITY, BENGALURU
141.	47S_MSC_0201	SCREENING OF MICROBIAL CONSORTIUM FROM BIOFILMS ON DEGRADING PLASTICS FOR THEIR PLASTIC DEGRADING EFFICIENCY <ul style="list-style-type: none"> KARNATAK UNIVERSITY, DHARWAD
142.	47S_MSC_0056	PROTOTYPE OF MYCELIUM BASED MATERIAL - A PROSPECTIVE PACKAGING MATERIAL <ul style="list-style-type: none"> M.S RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU

MINERAL PROCESSING (1)

143.	47S_MTech_0134	AGGLOMERATION OF MANAGANESE FINES FOR EFFECTIVE UTILIZATION IN FERRO ALLOY MANUFATURING <ul style="list-style-type: none"> VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI
------	----------------	---

ORGANIC CHEMISTRY (1)

144.	47S_MSC_0061	REVOLUTIONIZING HAIR CARE: CREATING ECO FRIENDLY PROTEIN SHAMPOO AND CONDITIONER FROM REPURPOSED COOKING OIL TO COMBAT HAIR FALL AND ENHANCE SMOOTHNESS <ul style="list-style-type: none"> M.S RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU
------	--------------	--

PHARMACY (1)

146.	47S_MTechAg_0001	GRAPHENE NANOPLATELET- LOADED DRUG DELIVERY SYSTEM FOR BREAST CANCER TREATMENT <ul style="list-style-type: none"> M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU
------	------------------	--

POLYMER SCIENCE AND TECHNOLOGY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
148.	47S_MTech_0032	DEVELOPMENT AND CHARACTERIZATION OF SUSTAINABLE FOOD PACKAGING FILM BASED ON POLYVINYL ALCOHOL / K-CARRAGEENAN / KODO MILLET (PASPALUM SCORBICULATUM) HUSK <ul style="list-style-type: none"> J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU

* ~ * ~ *

BIOCHEMISTRY (4), BIOTECHNOLOGY (7), BOTANY (1), LIFE SCIENCE (1), PLANT PATHOLOGY (1)Poster Presentation :
projects - 3Jury : **Dr. RAVINDRANATH H. ALADAKATTI**
SENIOR SCIENTIFIC OFFICER,
CENTRAL ANIMAL FACILITY, INDIAN INSTITUTE OF SCIENCE, BENGALURUVenue : **CSE Department: seminar hall-1 (GECW), II floor****BIOCHEMISTRY (4)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
9.	47S_MSC_0065	DEVELOPMENT OF NANOADSORBENTS FROM AGRICULTURAL WASTE AND THEIR APPLICATION IN MITIGATION OF ORGANIC, INORGANIC POLLUTANTS FROM INDUSTRIAL EFFLUENTS <ul style="list-style-type: none"> JAIN (DEEMED - TO - BE UNIVERSITY), SCHOOL OF SCIENCES, J.C ROAD, BENGALURU
10.	47S_MSC_0173	EXPLORING THE HYPOLYCEMIC POTENTIAL OF DATE SEED FLOUR (PHOENIX DACTYLIFERA L.) THROUGH IN VITRO METHODS AND PRODUCT INNOVATION <ul style="list-style-type: none"> MOUNT CARMEL COLLEGE AUTONOMOUS, BENGALURU
11.	47S_MSC_0095	PREPARATION OF BIOGENIC SELENIUM NANO CONJUGATE EMULSION FROM LENTINULA EDODES EXTRACT TO TREAT SKIN HYPERPIGMENTATION <ul style="list-style-type: none"> PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU
12.	47S_MSC_0009	INTEGRATED PEST MANAGEMENT STRATEGIES AND ESTERASE ANALYSIS FOR CONTROLLING FALL ARMYWORM INFESTATIONS IN GRAMINAEAE CROPS: A STUDY ON THE ROLE OF TEPHROSIA PURPUREA AND PORTULACA OLERACEA EXTRACTS <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU

Venue : **CSE Department: class room-1 (GECW), II floor****BIOTECHNOLOGY (7)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
13.	47S_BE_1589	TO STUDY THE THERAPEUTIC EFFICACY OF ANNONA MURICATA (LAKSHMANAPHALA) FRUIT EXTRACT FOR ORAL CANCER AND IDENTIFY MOLECULAR TARGETS <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
14.	47S_BE_3257	DEVELOPMENT OF BIODEGRADABLE SACS FOR FRUIT RIPENING USING RICE STARCH <ul style="list-style-type: none"> G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
16.	47S_MSC_0146	DEVELOPMENT OF HAND COORDINATION LETTERS FOR PATIENTS WITH NEUROLOGICAL CONDITIONS <ul style="list-style-type: none"> GARDEN CITY UNIVERSITY, BENGALURU
17.	47S_MSC_0253	ECOFRIENDLY AND COST-EFFECTIVE APPROACH FOR THE BIODEGRADATION OF MICROPLASTICS USING WATER AS A SOURCE <ul style="list-style-type: none"> KARNATAK UNIVERSITY, DHARWAD
18.	47S_MSC_0186	DEVELOPMENT OF ACTIVATED CARBON COATED NANOPARTICLE COMPOSITE FOR REMOVAL OF HEAVY METALS <ul style="list-style-type: none"> PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU
19.	47S_MSC_0206	ENCAPSULATION AND REUSE OF ENZYMES FROM GUT MICROBIOME OF PESTS PRESENT IN FRUITS AND VEGETABLES FOR REMOVAL OF PESTICIDES <ul style="list-style-type: none"> PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU
20.	47S_BE_1593	SYNTHESIS AND CHARACTERIZATION OF CELLULOSE FROM DISCARDED CIGARETTE BUTTS AND ITS IMPLEMENTATION IN PRODUCTION OF CARBOXYMETHYL CELLULOSE (CMC) AND CYRENE <ul style="list-style-type: none"> SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU

BOTANY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
21.	47S_MSC_0033	FUNCTIONALIZED MAGNETIC NANO PARTICLES - PLANT GROWTH PROMOTER AND FERTILIZER <ul style="list-style-type: none"> K.L.E. SOCIETY'S BASAVAPRABHU KORE ARTS SCIENCE AND COMMERCE COLLEGE, CHIKODI

LIFE SCIENCE (1)

126.	47S_MSC_0144	EXPLORATION OF POTENTIAL ENDOPHYTIC ACTINOMYCETES DERIVED FROM MANGROVE ECOSYSTEM AND HARNESSING THE EFFICACY AS PLANT GROWTH PROMOTING AND BIO-CONTROL AGENT TO CONTROL DISEASE IN PEARL MILLET. <ul style="list-style-type: none"> KRISTU JAYANTI COLLEGE, AUTONOMOUS, KOTHANUR PO, BENGALURU
------	--------------	---

PLANT PATHOLOGY (1)

147.	47S_MTechAg_0006	VIROME PROFILING OF RIDGE GOURD AND DEVELOPMENT OF DIAGNOSTIC TOOLS <ul style="list-style-type: none"> COLLEGE OF HORTICULTURE BENGALURU
------	------------------	--

* ~ * ~ *

CIVIL ENGINEERING (9), ENVIRONMENTAL ENGINEERING (1), ENVIRONMENTAL SCIENCE (1)**STRUCTURAL ENGINEERING (4)**

Poster Presentation :
projects - 4

Jury : **Prof. LAKSHMINARAYANA RAO,**
ASSOCIATE PROFESSOR, CENTRE FOR SUSTAINABLE TECHNOLOGIES, INDIAN
INSTITUTE OF SCIENCE, BENGALURU

Venue : **CSE Department: class room - 2(GECW), II floor**

CIVIL ENGINEERING (9)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
26.	47S_BE_4255	ANALYSIS OF RAINFALL AND GROUNDWATER TABLE FLUCTUATION IN MYSORE CITY USING ERDAS AND ARCGIS <ul style="list-style-type: none"> A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
27.	47S_BE_1167	LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS A FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD CONSTRUCTION <ul style="list-style-type: none"> ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
28.	47S_BE_5356	AN EXPERIMENTAL STUDY ON STABILITY ANALYSIS OF A HIGHWAY CUT ADJACENT TO NH66 IN BHATKAL USING PLAXIS-2D <ul style="list-style-type: none"> ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL
29.	47S_BE_2876	A TECHNO-ORGANIC APPROACH TO ENHANCE SLOPE STABILITY IN LANDSLIDE-PRONE ENVIRONMENTS <ul style="list-style-type: none"> B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU
30.	47S_BE_3619	PERFORMANCE OF HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND FOR HOUSEHOLD WASTEWATER <ul style="list-style-type: none"> B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
31.	47S_BE_4330	PREDICTION OF LAND SLIDE POINTS IN CHIKKAMAGALURU DISTRICT BY USING GEO-SPATIAL TECHNIQUE <ul style="list-style-type: none"> BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI
32.	47S_BE_3141	EFFECT OF STEEL SLAG AND RECLAIMED ASPHALT PAVEMENT (RAP) ON MOISTURE SUSCEPTIBILITY AND FATIGUE CHARACTERISTICS OF STONE MASTIC ASPHALT MIX <ul style="list-style-type: none"> BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
33.	47S_BE_1124	IMPACT OF CLIMATE CHANGE ON SURFACE WATER - ANALYSIS USING MACHINE LEARNING <ul style="list-style-type: none"> CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
34.	47S_BE_1456	PRESSURE DROP EFFECT OF STAGE GAP ON TWO STAGE ORIFICE PLATE AND COMPARISON WITH CONVENTIONAL ORIFICE <ul style="list-style-type: none"> EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

Venue : **CSE Department: class room - 3(GECW), II floor**

ENVIRONMENTAL ENGINEERING (1)

114.	47S_MTech_0085	APPLICATION OF LEAF BIOMASS HYDROCHAR AS A SUSTAINABLE METHOD FOR IMMOBILIZING HEAVY METALS IN CONTAMINATED SOILS <ul style="list-style-type: none"> B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU
------	----------------	---

ENVIRONMENTAL SCIENCE (1)

115.	47S_MSC_0169	SUSTAINABLE PRODUCTION OF HYDROGEN FROM RENEWABLE ENERGY IN IC ENGINES <ul style="list-style-type: none"> J.S.S ACADEMY OF HIGHER EDUCATION AND RESEARCH, MYSURU
------	--------------	--

STRUCTURAL ENGINEERING (4)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
150.	47S_MTech_0016	IMPACT OF ELEVATED TEMPERATURES ON THE STRENGTH PROPERTIES AND MICROSTRUCTURE STUDY OF FIBRE (CARBON AND POLYPROPYLENE) REINFORCED CONCRETE <ul style="list-style-type: none"> K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI
151.	47S_MTech_0019	INFLUENCE OF NANO-SILICA, MAGNESIUM OXIDE AND ALUMINA ON EFFLORESCENCE BEHAVIOUR OF LOW CALCIUM ALKALI ACTIVATED MATERIALS <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
152.	47S_MTech_0028	CHARACTERIZATION OF MECHANICAL PROPERTIES OF PAVEMENT QUALITY CONCRETE INCORPORATED WITH SUSTAINABLE FLY ASH AGGREGATES <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
153.	47S_MTech_0117	BOND BEHAVIOR OF GFRP BARS WITH CONCRETE UNDER ELEVATED TEMPERATURE: A COMPARATIVE STUDY WITH GFRP BARS AT AMBIENT TEMPERATURE AND HYSD BARS <ul style="list-style-type: none"> THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU

* ~ * ~ *

CIVIL ENGINEERING (15)

Poster Presentation projects - 5 :

Jury : **Dr. J. RAJU IYER**
 FORMER SENIOR PRINCIPAL SCIENTIST, AND HEAD, EBU, STRUCTURES DIVISION,
 NATIONAL AEROSPACE LABORATORIES, BENGALURU

Venue : **CSE Department: class room - 3(GECW), II floor****CIVIL ENGINEERING (15)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
35.	47S_BE_2096	EXPERIMENTAL INVESTIGATION ON EFFECTIVENESS OF NANO PARTICLES IN SOLAR POWERED ELECTRO-COAGULATION TECHNOLOGY FOR THE TREATMENT OF SELECTED INDUSTRIAL EFFLUENTS SITUATED AROUND DHARWAD DISTRICT <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
36.	47S_BE_4324	SUSTAINABLE PAVER BLOCKS: INCORPORATING DEMOLISHED CONCRETE WASTE AND PLASTIC WASTE FOR ENHANCED PROPERTIES AND ENVIRONMENTAL BENEFITS <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING, BELAGAAVI
37.	47S_BE_3099	SYNTHESIS OF DELAFOSSITE FOR REMOVAL OF PHOSPHATE <ul style="list-style-type: none"> K.L.E. TECHNOLOGICAL UNIVERSITY, HUBBALLI

Venue : **CSE Department: class room - 4(GECW), II floor**

38.	47S_BE_1273	EXPERIMENTAL INVESTIGATION ON MASONRY STRUCTURE WITH HORIZONTAL REINFORCEMENT ON SHAKE TABLE. <ul style="list-style-type: none"> K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU
39.	47S_BE_2704	EVALUATION OF ACOUSTIC CAPABILITIES AND AFFORDABILITY OF A SUSTAINABLE ALTERNATE TO TRADITIONAL ACOUSTIC PANELS <ul style="list-style-type: none"> MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA
40.	47S_BE_2112	AIR POLLUTION CONTROL OF FISH MEAL & OIL INDUSTRY USING BIO-FILTERS <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
41.	47S_BE_3300	NOVEL TECHNIQUE TO REMOVE FLUORIDE CONTENT USING BIOCHAR <ul style="list-style-type: none"> P.E.S. COLLEGE OF ENGINEERING, MANDYA
42.	47S_BE_1016	LANDSLIDE SUSCEPTIBILITY MAPPING OF A PART OF COORG DISTRICT, KARNATAKA <ul style="list-style-type: none"> R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
43.	47S_BE_4298	RESILIENT MODULUS OF GEOSYNTHETIC REINFORCED RECYCLED AGGREGATES <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU

44.	47S_BE_1151	USE OF PLASTIC BOTTLE AS GEOCELL FOR IMPROVING GROUND CHARACTERISTICS • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI
45.	47S_BE_2081	TREATMENT OF DAIRY WASTEWATER BY UP-FLOW ANAEROBIC SLUDGE BLANKET • SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG
46.	47S_BE_2375	EVALUATING THE STRUCTURAL BEHAVIOUR AND SUITABILITY OF SURFACE REPAIR MATERIAL USED FOR REPAIRING OF CONCRETE STRUCTURAL ELEMENTS. • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU

Venue : **CSE Department: class room - 5(GECW), II floor**

47.	47S_BE_4348	EXPERIMENTAL STUDY ON EXPRESSWAY KINETIC ENERGY RECOVERY SYSTEM • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU
48.	47S_BE_2748	DAMAGE DETECTION IN CONCRETE STRUCTURES USING MACHINE LEARNING TECHNIQUE • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
49.	47S_BE_4509	INDOOR AIR QUALITY ASSESSMENT AND MONITORING OF NEWLY CONSTRUCTED CLASSROOMS IN WVCE CAMPUS USING INTERNET OF THINGS (IOT) • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

* ~ * ~ *

**COMPUTER APPLICATIONS (8), COMPUTER SCIENCE AND ENGINEERING (13)
INFORMATION SCIENCE AND ENGINEERING (2)**

Poster Presentation :
projects - 6

Jury : **Dr. P. SIVA SUBBA RAO**
SENIOR PRINCIPAL SCIENTIST,
NATIONAL AEROSPACE LABORATORIES, BENGALURU

Venue : **CSE Department: class room - 5(GECW), II floor**

COMPUTER APPLICATIONS (8)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
51.	47S_MCA_0052	DEEP LEARNING BASED FACE SKIN CANCER CLASSIFICATION SYSTEM • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
53.	47S_MCA_0084	SMART DRIP IRRIGATION SYSTEM USING IOT • J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
54.	47S_MCA_0094	IHOMEGUARD: SMART HOME AUTOMATION FOR MODERN LIVING • JAIN COLLEGE OF ENGINEERING, BELAGAAVI
55.	47S_MCA_0074	JARVIS VOICE ASSISTANT FOR ACADEMICS USING NLP • K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
56.	47S_MCA_0092	AN IOT BASED AUTOMATED TRAFFIC LIGHT PROCESSING SYSTEM ON DETECTING AN AMBULANCE IN TRAFFIC • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
57.	47S_MCA_0037	NATURE NEXUS: EMBRACING PARENTHOOD IN THE HEART OF NATURE • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Venue : **CSE Department: class room - 6(GECW), II floor**

58.	47S_MCA_0055	HUMAN FACIAL RECOGNITION USING IMAGE PROCESSING • NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
59.	47S_MCA_0058	BEYOND BOUNDARIES: ENGINEERING JOURNEYS IN RURAL COMMUNITIES THROUGH XR • R.V. COLLEGE OF ENGINEERING, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (13)

61.	47S_BE_5229	BLOCK CHAIN BASED TRACEABILITY IN AGRI FOOD SUPPLY CHAIN MANAGEMENT: A PRACTICAL IMPLEMENTATION • AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU
62.	47S_BE_3818	AUTOMATED VEHICLE INSPECTION LAYER STORAGE AND DATA ESTABLISHMENT STRUCTURE • ALLIANCE COLLEGE OF ENGINEERING AND DESIGN, ALLIANCE UNIVERSITY, BENGALURU
64.	47S_BE_0343	CROWD PREDICTION FOR BUS LINES USING ARTIFICIAL INTELLIGENCE • B.V.V.S BILURUR GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL

65.	47S_BE_1259	UNDERSTANDING SOLAR ACTIVITY PATTERNS WITHIN A SOLAR CYCLE USING MACHINE LEARNING TECHNIQUES <ul style="list-style-type: none"> BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
66.	47S_BE_0090	EXPLORATION OF EXPLAINABLE DEEP LEARNING MODEL FOR CLASSIFICATION AND ANALYSIS OF ALZHEIMER'S DISEASE <ul style="list-style-type: none"> BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
67.	47S_BE_0197	SMART TOLL COLLECTION SYSTEM USING GPS AND GEOFENCING <ul style="list-style-type: none"> CANARA ENGINEERING COLLEGE, MANGALURU
68.	47S_BE_2821	CYBER POLL PROTECTION FORTIFYING ELECTIONS AGAINST VIRTUAL TAMPERING <ul style="list-style-type: none"> CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU

Venue : **AIML Department: seminar hall- 1(GECW), III floor**

69.	47S_BE_0820	IDENTIFYING AND PREDICTING / DIAGNOSING COMMON MENTAL DISORDERS BY DIGITAL PHENOTYPING USING A MOBILE APP <ul style="list-style-type: none"> DAYANANDA SAGAR UNIVERSITY, BENGALURU
70.	47S_BE_4602	BOOSTING NETWORK SECURITY: A COMPARATIVE ANALYSIS OF DEEP LEARNING TECHNIQUES FOR INTRUSION DETECTION USING CNN AND RNN <ul style="list-style-type: none"> EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
71.	47S_BE_2929	BOTANICVISION: REVEALING THE SECRETS OF MEDICINAL PLANT THROUGH IMAGE PROCESSING <ul style="list-style-type: none"> G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR
73.	47S_BE_4322	RICE GRAIN DETECTION SYSTEM USING ML <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAVI
74.	47S_BE_2114	A VOICE BASED IMAGE CAPTION GENERATOR USING DEEP LEARNING <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
75.	47S_BE_5205	INTELLIGENT SYSTEM TO SECURE INFORMATION BASED ON INNOVATIVE GAMES <ul style="list-style-type: none"> JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA

INFORMATION SCIENCE AND ENGINEERING (2)

119.	47S_BE_0169	AN INTEGRATED AGRICULTURE SYSTEM FOR PEST DETECTION AND PESTICIDES RECOMMENDATIONS <ul style="list-style-type: none"> ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
120.	47S_BE_4215	ESPIAL OF APPLICATION-LAYER DDoS ATTACK USING MACHINE LEARNING <ul style="list-style-type: none"> DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (19), INFORMATION SCIENCE AND ENGINEERING (4)

Poster Presentation projects - 7

Jury : **Dr. R. P.S. CHAKRADHAR**
 PRINCIPAL SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

Venue : **AIML Department: seminar hall- 1(GECW), III floor**

COMPUTER SCIENCE AND ENGINEERING (19)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
76.	47S_BE_4321	THREE WAY EMOTION DETECTION <ul style="list-style-type: none"> JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
77.	47S_BE_5460	DATA DRIVEN TRADING STRATEGY <ul style="list-style-type: none"> JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
78.	47S_BE_1393	AUTOMATING PDF INTERACTION USING LANGCHAIN AND CHATGPT <ul style="list-style-type: none"> K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI
79.	47S_BE_1420	DETECTION OF DEFECTS IN MACHINES USING AR ON ENGINEERING DRAWINGS <ul style="list-style-type: none"> K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI

80.	47S_BE_4678	OVARIAN CANCER OUTLIER DETECTION AND SUBTYPE CLASSIFICATION <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
81.	47S_BE_0909	A DEEP LEARNING APPROACH TO DETECT RHEUMATOID ARTHRITIS USING X-RAY IMAGES AND BIO-MARKERS <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
82.	47S_BE_3593	BREAST TUMOR SEGMENTATION AND CLASSIFICATION USING ULTRASOUND IMAGES <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
83.	47S_BE_3617	DEEP LEARNING BASED WHITE BLOOD CANCER DETECTION IN BONE MARROW USING HISTOPATHOLOGICAL IMAGES <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI
84.	47S_BE_2794	TULIPU, A DIGITAL PLATFORM FOR PROMOTING TULU CULTURE <ul style="list-style-type: none"> N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE
85.	47S_BE_4571	DATA HIDING TECHNIQUES IN MULTIMEDIA OBJECTS USING STEGANOGRAPHY <ul style="list-style-type: none"> P.D.A. COLLEGE OF ENGINEERING, KALABURAGI
86.	47S_BE_4707	TRANSCRIBER FOR NPTEL VIDEOS TO DIFFERENT REGIONAL LANGUAGES <ul style="list-style-type: none"> P.D.A. COLLEGE OF ENGINEERING, KALABURAGI
87.	47S_BE_3247	MACULOPATHY DETECTION AND DIAGNOSIS USING ML <ul style="list-style-type: none"> P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA
88.	47S_BE_4590	IMPROVED CHEST X-RAY DIAGNOSIS USING DEEP LEARNING FOR MULTI-CLASSIFICATION OF PATHOLOGIES <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
89.	47S_BE_0723	CRIME PREDICTION USING ENSEMBLE APPROACHES. <ul style="list-style-type: none"> S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE
90.	47S_BE_0819	MULTIMODAL CYBERBULLYING DETECTION IN VIDEOS <ul style="list-style-type: none"> SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
91.	47S_BE_3215	ENSEMBLE - LEARNING FRAMEWORK FOR INTRUSION DETECTION TO ENHANCE INTERNET OF THINGS' DEVICES SECURITY <ul style="list-style-type: none"> SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU
92.	47S_BE_3400	DNS SPOOFING <ul style="list-style-type: none"> SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
93.	47S_BE_0514	PROMOTIONAL EMAIL UNSUBSCRIPTION USING WEB EXTENSION <ul style="list-style-type: none"> ST. JOSEPH ENGINEERING COLLEGE, MANGALURU
94.	47S_BE_4838	IMPLEMENTATION OF SAFETY MEASURES USING COMPUTER VISION AND MACHINE LEARNING ALGORITHMS <ul style="list-style-type: none"> T. JOHN INSTITUTE OF TECHNOLOGY, BENGALURU

INFORMATION SCIENCE AND ENGINEERING (4)

SI. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
121.	47S_BE_1436	TALKHANDS: COMMUNICATING WITH THE SILENCED USING A MACHINE LEARNING POWERED SIGN LANGUAGE CONVERTER <ul style="list-style-type: none"> G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU
123.	47S_BE_2336	AN AI ENABLED SYSTEM TO DETECT POTATO DISEASE <ul style="list-style-type: none"> MALNAD COLLEGE OF ENGINEERING, HASSAN
124.	47S_BE_3585	UNCOVERING THE INTERNET-BASED MERCHANDISE USING SENTIMENT EVALUATION AND MACHINE LEARNING ALGORITHMS <ul style="list-style-type: none"> S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
125.	47S_BE_0156	CYBER SECURITY PORTAL FOR EFFECTIVE MANAGEMENT OF SERVERS AND FIREWALLS <ul style="list-style-type: none"> S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

* ~ ~ *

**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (4)
ELECTRONICS AND COMMUNICATION ENGINEERING (12), ELECTRONICS AND INSTRUMENTATION ENGINEERING (1),
MEDICAL ELECTRONICS (1), SOFTWARE TECHNOLOGY (1)**

Poster Presentation :
projects - 8

Venue : **AIML Department: class room- 1(GECW), III floor**

Jury : **Dr. ARULALAN RAJAN**
FORMER ASSISTANT PROFESSOR,
NATIONAL INSTITUTE OF TECHNOLOGY- KARNATAKA, SURATHKAL, MANGALURU

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (4)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
5.	47S_BE_5109	PNEUMONIA DETECTION IN CHEST X-RAYS USING A MODEL: VIT • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
6.	47S_BE_1499	AUTOMATED OFFICE MEETING SUMMARIZATION WITH NLP BASED VIDEO TRANSCRIPTION • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
7.	47S_BE_1915	PRECISION FARMING WITH AI FOR OPTIMAL CROP YIELD AND HEALTH • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
8.	47S_BE_3598	DEEPFAKE DETECTION VIA ENSEMBLE TECHNIQUES • VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

ELECTRONICS AND COMMUNICATION ENGINEERING (12)

100.	47S_BE_3733	EMBEDDED BASED UNDERGROUND WATER LOCATER • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI
101.	47S_BE_0061	AQUASTREAM INTEGRATED COMMUNICATION SYSTEM • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
102.	47S_BE_0428	SMARTPAVE: IOT BASED SYSTEM FOR REAL TIME POTHOLE DETECTION, TRACKING AND MAINTENANCE. • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
103.	47S_BE_1065	NON-INVASIVE TEMPERATURE AND BLOOD GLUCOSE LEVEL DETECTION • CANARA ENGINEERING COLLEGE, MANGALURU
104.	47S_BE_1090	DESIGN AND DEVELOPMENT OF AUTO POWER CONVERSION FOR EV TWO-WHEELER • G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU

Venue : **AIML Department: class room- 2(GECW), III floor**

105.	47S_BE_3117	INTELLIGENT DATA ANALYTICS FRAMEWORK FOR PRECISION FARMING USING IOT AND MACHINE LEARNING ALGORITHMS • HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI
106.	47S_BE_1355	VOICE ASSISTANT SIGN LANGUAGE DETECTION USING MACHINE LEARNING • JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE
108.	47S_BE_3428	DESIGNING OF MIMO ANTENNA FOR SIGNAL BOOSTER DEVICE TO ENHANCE THE SIGNAL CONNECTIVITY IN RURAL AREAS. • NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
109.	47S_BE_5487	INTELLIGENT REAL-TIME TRAFFIC MANAGEMENT SYSTEM • P.E.S. UNIVERSITY, BENGALURU
110.	47S_BE_5148	DESIGN AND DEVELOPMENT OF AN EMBEDDED SYSTEM FOR RURAL STUDENT'S EDUCATION • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
111.	47S_BE_4006	DESIGNING A THERMOELECTRIC GENERATOR FOR MILITARY APPLICATIONS • SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU
112.	47S_BE_4956	A COMPACT AND LOW POWER DIGITAL TO ANALOG CONVERTOR FOR HEARING AID APPLICATIONS • THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU

ELECTRONICS AND INSTRUMENTATION ENGINEERING (1)

113.	47S_BE_3244	SMART GUARD: REVOLUTIONISING INDUSTRIES WITH IOT BASED ENVIRONMENTAL OVERSIGHT AND POLLUTION MITIGATION • J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
------	-------------	---

MEDICAL ELECTRONICS (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
139.	47S_BE_2083	NEUROMIST REVIVE: MOIST HEAT THERAPY FOR SPINAL RECOVERY AND BACKACHE RELIEF <ul style="list-style-type: none">• DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU

SOFTWARE TECHNOLOGY (1)

149.	47S_MSC_0256	AI DRIVEN APPROACH FOR BRONCHOPNEUMONIA DETECTION IN CHILDREN <ul style="list-style-type: none">• ST. ALOYSIUS (DEEMED TO BE UNIVERSITY), MANGALURU
------	--------------	---

* ~ ~ *

ELECTRICAL AND ELECTRONICS ENGINEERING (4)

Poster Presentation projects - 9 :

Jury : **Dr. U. J. SHENOY**
FORMER CHIEF RESEARCH SCIENTIST,
DEPARTMENT OF ELECTRICAL ENGINEERING, INDIAN INSTITUTE OF SCIENCE,
BENGALURU

Venue : **CSE Department: seminar hall-1 (GECW), II floor**

ELECTRICAL AND ELECTRONICS ENGINEERING (4)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
96.	47S_BE_1435	AGRICULTURAL UTILITY VEHICLE WITH FIELD MONITORING USING IOT <ul style="list-style-type: none">• BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
97.	47S_BE_4817	IOT BASED CONTROL AND PROTECTION OF BOREWELL MOTOR <ul style="list-style-type: none">• JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA
98.	47S_BE_5330	GENERATION OF POWER, EXTRACTING MAXIMUM POWER FROM URINE WASTE THROUGH MICROBIAL FUEL CELL. <ul style="list-style-type: none">• PRESIDENCY UNIVERSITY, BENGALURU
99.	47S_BE_2200	DEVELOPMENT OF AN ENVIRONMENTALLY FRIENDLY, COST EFFECTIVE AND COMPACT ELECTRICAL FISHING SYSTEM <ul style="list-style-type: none">• ST. JOSEPH ENGINEERING COLLEGE, MANGALURU

FINANCE AND HUMAN RESOURCE (2), MARKETING (1), MBA (6), PHARMA BUSINESS MANAGEMENT (1)

Poster Presentation projects - 10 :

Jury : **Shri. DAYANANDA G. N.**
MANAGER, KARNATAKA STATE BIOENERGY DEVELOPMENT BOARD (KSBDB),
GOVERNMENT OF KARNATAKA

Venue : **AIML Department: class room- 3(GECW), III floor**

FINANCE AND HUMAN RESOURCE (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
116.	47S_MBA_0104	PERPETUAL ELECTRICITY GENERATION THROUGH MAGNETISM <ul style="list-style-type: none">• CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
117.	47S_MBA_0034	SUSTAINABLE ENERGY PRACTICES: A STUDY ON SOLAR ENERGY USAGE IN SELECTED DAKSHINA KANNADA TALUKS <ul style="list-style-type: none">• VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

MARKETING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
127.	47S_MBA_0108	SANJEEVINI - FOR AGRICULTURAL SUSTAINABILITY <ul style="list-style-type: none"> • RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN

MBA (6)

128.	47S_MBA_0132	THE COMPREHENSIVE STUDY ON ADOPTION AND IMPACT OF ORGANIC FARMING IN RURAL AREAS WITH REFERENCE TO BEVINAHALLI, HARIHAR TALUK, DAVANAGERE DISTRICT <ul style="list-style-type: none"> • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
129.	47S_MBA_0158	INNOVATIVE APPROACHES FOR E-WASTE RECYCLING AND RESOURCE RECOVERY WITH REFERENCE TO DAVANAGERE CITY (KARNATAKA) <ul style="list-style-type: none"> • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
130.	47S_MBA_0032	ORGANIC PAPER BAG: WITH PLANTABLE PAPER BAGS <ul style="list-style-type: none"> • KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR
131.	47S_MBA_0187	ROLE OF SOCIAL MEDIA ON TOURISM AND TRAVEL SERVICES WITH SPECIAL REFERENCE TO MYSORE IN KARNATAKA STATE <ul style="list-style-type: none"> • S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
132.	47S_MBA_0103	PM SVANIDHI AND ITS ROLE IN REVIVING THE STREET VENDOR'S ENTREPRENEURIAL ACTIVITIES - AN EMPIRICAL STUDY WITH SPECIAL REFERENCE TO BANGALORE <ul style="list-style-type: none"> • SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
133.	47S_MBA_0179	SUGARCANE BAGASSE FOR EFFECTIVE UTILIZATION OF RESOURCES FOR SUSTAINABLE DEVELOPMENT <ul style="list-style-type: none"> • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU

PHARMA BUSINESS MANAGEMENT (1)

145.	47S_MBA_0185	DEVELOPMENT OF A COMPREHENSIVE DIGITAL PLATFORM (WEBSITE & MOBILE APPLICATION) TO PROMOTE JANAUSHADHI (GENERIC DRUGS) AMONG RURAL STAKEHOLDERS IN KARNATAKA <ul style="list-style-type: none"> • M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU
------	--------------	---

Biotechnology (1), Computer Science and Engineering (3), Computer Applications (1), Data Science (1) Electronics and Communication Engineering (1), Information Science and Engineering (1)

Poster Presentation projects - 11

Juries : **Dr. V. P. S. NAIDU,**
CHIEF SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

Shri. NARASIMHAN S M,
TECHNICAL EXPERT, ECE, MYSURU

Venue : **EEE Department: class room- 1(GECW), ground floor**

BIOTECHNOLOGY (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
15.	47S_MSC_0145	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE FOR PRECISION WEED REMOVAL OF ZEA MAYS CROPS WITHIN THE KARNATAKA REGION <ul style="list-style-type: none"> • GARDEN CITY UNIVERSITY, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (3)

60.	47S_BE_1762	360-DEGREE FEEDBACK SOFTWARE FOR THE GOVERNMENT PRESS INFORMATION BUREAU(PIB) USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING <ul style="list-style-type: none"> • A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU
63.	47S_BE_1049	KANNADA ABSTRACTIVE TEXT SUMMARIZATION USING SEQUENCE TO SEQUENCE MODEL <ul style="list-style-type: none"> • B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
72.	47S_BE_4689	A SUMMARIZATION TOOL FOR YOUTUBE VIDEO TRANSCRIPT <ul style="list-style-type: none"> • J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU

COMPUTER APPLICATIONS (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
52.	47S_MCA_0095	AI ASSISTNAT FOR PC • GARDEN CITY UNIVERSITY, BENGALURU

DATA SCIENCE (1)

95.	47S_MSC_0092	INTEGRATING NEURO-SYMBOLIC AI FOR ACCURATE BRAIN TUMOR DETECTION IN MRI IMAGING • REVA UNIVERSITY, BENGALURU
-----	--------------	---

ELECTRONICS AND COMMUNICATION ENGINEERING (1)

107.	47S_BE_2612	BRAIN CONTROLLED ROBOTIC CAR USING MIND WAVE • JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA
------	-------------	--

INFORMATION SCIENCE AND ENGINEERING (1)

122.	47S_BE_3271	AI-ENHANCED IMAGE DESCRIPTION • H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU
------	-------------	---

EXHIBITION PROJECTS

AERONAUTICAL ENGINEERING (4), AUTOMOBILE ENGINEERING (1), MECHANICAL ENGINEERING (26) MECHATRONICS ENGINEERING (1)

Exhibition Project - 1 :

Juries : **Dr. PANBARASU**
PRINCIPAL TECHNICAL OFFICER, NATIONAL AEROSPACE LABORATORIES

Shri. B. V. VENUGOPAL
FORMER TECHNICAL EXPERT, CENTRAL MANUFACTURING TECHNOLOGY
INSTITUTE, BENGALURU

Venue : **Building Number 2, Parking Area (Godutai)**

AERONAUTICAL ENGINEERING (4)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
154.	47S_BE_0455	DESIGN, DEVELOP, AND TESTING A HYBRID QUADCOPTER-ROVER (DROVER) FOR RESCUE OPERATIONS, DISASTER MANAGEMENT, AND INDUSTRIAL SURVEILLANCE • GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU
155.	47S_BE_2767	DESIGN AND DEVELOPMENT OF 3DOF TESTING MECHANISM FOR UAV • GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU
156.	47S_BE_2320	DESIGN AND DEVELOPMENT OF LIGHTER THAN AIR HYBRID POWER GENERATION SYSTEM FOR ELECTRIC VEHICLE CHARGING • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
157.	47S_BE_0243	DESIGN, CONSTRUCTION OF A SPINNING DRONE WITH REDUCED WEIGHT AND POWER CONSUMPTION • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

AUTOMOBILE ENGINEERING (1)

167.	47S_BE_2450	DESIGN AND DEVELOPMENT OF IMMERSION COOLED BATTERY PACK FOR ELECTRIC VEHICLES • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
------	-------------	--

Venue : **EEE Department: Power System Protection lab (GECW)**

MECHANICAL ENGINEERING (26)

320.	47S_BE_3787	DESIGN AND FABRICATION OF PLC-ENHANCE SEWER EXCAVATOR • A.M.C. ENGINEERING COLLEGE, BENGALURU
321.	47S_BE_1480	ONION HARVESTING DRIVE • B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
322.	47S_BE_3770	MANUFACTURING OF ECO-FRIENDLY PAINT FROM COW DUNG • B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
323.	47S_BE_4730	DEVELOPMENT AND FABRICATION OF BICYCLE POWERED WATER PURIFYING SYSTEM • B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

324.	47S_BE_0449	SEEDS CLEANING MACHINE <ul style="list-style-type: none"> B.V.V.S BILURUR GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL
325.	47S_BE_1918	SYNERGY OF SUN AND WIND ENERGY: A HYBRID POWER GENERATION SYSTEM WITH DUAL AXIS SOLAR PANELS AND VAWT <ul style="list-style-type: none"> BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
326.	47S_BE_3592	MULTIMAKER FOLDABLE MODUMACH <ul style="list-style-type: none"> CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU
327.	47S_BE_0945	DESIGN, ANALYSIS AND FABRICATION OF ROTARY ASCENDING LIFT SYSTEM <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
328.	47S_BE_4291	LOW-COST PORTABLE OXYGEN CONCENTRATOR USING PRESSURE SWING ADSORPTION TECHNIQUE <ul style="list-style-type: none"> GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
330.	47S_BE_4327	FOLDABLE SOLAR TRACKING AND CLEANING SYSTEM <ul style="list-style-type: none"> JAIN DEEMED TO BE UNIVERSITY FACULTY OF ENGINEERING AND TECHNOLOGY, RAMANAGARA

Venue : Fluid Mechanics and Hydraulic lab

331.	47S_BE_3636	A NEXT GEN PERSONALIZED SMART PARKING SOLUTION FOR RESIDENTIAL BUILDING <ul style="list-style-type: none"> K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI
332.	47S_BE_2799	DESIGN AND DEVELOPMENT OF COLLAPSIBLE PUBLIC TRANSPORT RAMP <ul style="list-style-type: none"> K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
333.	47S_BE_5175	DESIGN & FABRICATION OF ADAPTIVE DRIVING ATTACHEMENT TO AN EXISTING FOUR-WHEELER VEHICLE TO HELP DIFFERENTLY ABLED PERSON <ul style="list-style-type: none"> K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
334.	47S_BE_2657	DEVELOPMENT AND IMPLEMENTATION OF A ROBUST ROLL CAGE SYSTEM FOR ENHANCED SAFETY <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
335.	47S_BE_1114	DESIGN AND FABRICATION OF ONBOARD POWER GENERATION FOR EV (2-WHEELER) <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

Venue : EEE laboratory Control System lab

336.	47S_BE_4791	SMART HYBRID SYSTEM FOR 2-WHEELER VEHICLE <ul style="list-style-type: none"> R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
337.	47S_BE_3558	PERFORMANCE INVESTIGATION OF EVACUATED TUBE SOLAR COLLECTOR USING NANO FLUIDS FOR HEATING APPLICATIONS <ul style="list-style-type: none"> R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU
338.	47S_BE_1197	CARBONATE BASED CONVERSION COATING ON MG ORTHOPAEDIC IMPLANTS: IN VITRO STATIC AND FLOW DEGRADATION STUDIES <ul style="list-style-type: none"> RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
339.	47S_BE_2319	DESIGN AND DEVELOPMENT OF AUTOMATED WATER SURFACE CLEANING DEVICE FOR LAKES AND PONDS <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
340.	47S_BE_3055	DESIGN AND FABRICATION OF TREE PLANTATION MACHINE <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
342.	47S_BE_2778	SOLAR FLOATING WASTE COLLECTING SYSTEM - FLOAT AND CONVEYOR <ul style="list-style-type: none"> SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
343.	47S_BE_3436	DEVELOPMENT OF DRAW BRIDGE IN TRAIN FOR PHYSICALLY DISABLED PEOPLE <ul style="list-style-type: none"> SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
344.	47S_BE_3784	PREDICTIVE MAINTENANCE OF HELICAL GEAR USING IOT FOR VARIOUS SPEED <ul style="list-style-type: none"> THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU
345.	47S_BE_1070	REMOTE CONTROL SOLAR LAKE / POOL CLEANER <ul style="list-style-type: none"> V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI
346.	47S_BE_2998	DESIGN AND DEVELOPMENT OF FOLDABLE ELECTRIC VEHICLE <ul style="list-style-type: none"> VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU
347.	47S_BE_3747	DESIGN AND FABRICATION OF SOLAR RECHARGABLE MULTIPURPOSE ELECTRIC CART FOR SMALL SCALE VEGETABLE VENDER <ul style="list-style-type: none"> VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU

Venue : Classroom - 1(Civil Department)

MECHATRONICS ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
348.	47S_BE_3090	DESIGN AND DEVELOP A CHILD RESCUE ROBOT FROM BOREWELLS • ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU

BIOTECHNOLOGY (2), ZOOLOGY (1)

Exhibition Project - 2 :

Jury : **Dr. RAVINDRANATH H. ALADAKATTI**
SENIOR SCIENTIFIC OFFICER,
CENTRAL ANIMAL FACILITY, INDIAN INSTITUTE OF SCIENCE, BENGALURU

Venue : Classroom – 1 (Civil Department)

BIOTECHNOLOGY (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
168.	47S_BE_4109	AN EXPERIMENTAL STUDY ON STRENGTH AND DURABILITY CHARACTERISTICS OF ECO-FRIENDLY MYCELIUM BRICKS • BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE
169.	47S_BE_3732	DESIGN OF MINIATURE PROTOTYPE FOR ORGANIC WASTE BASED COMPRESSED BIOGAS PRODUCTION AND PURIFICATION • N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE

ZOOLOGY (1)

354.	47S_MSC_0014	EVALUATION OF REPRODUCTIVE TOXICITY ASSOCIATED WITH FIPRONIL EXPOSED FEMALE WISTER RATS • SHARNBASVA UNIVERSITY, KALABURAGI
------	--------------	--

* ~ * ~ *

CIVIL ENGINEERING (7)

Exhibition Project - 3 :

Jury : **Dr. U. T. VIJAY**
EXECUTIVE SECRETARY, KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, BENGALURU

Venue : Building Material Testing GECW

CIVIL ENGINEERING (7)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
170.	47S_BE_5040	SHINING PATH TO FUEL SUSTAINABILITY-BIOFUEL GENERATION USING CHLORELLA VULGARIS AND DUAL-COLOUR PHOTO-BIOREACTORS • B.L.D.E. A'S V.P. DR. P.G. HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
171.	47S_BE_2884	PERFORMANCE EVALUATION OF COMPRESSED STABILISED MUD BRICKS MADE WITH RICE HUSK ASH BASED BINDERS • B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU
172.	47S_BE_4022	APPLICATION OF ARDUINO SENSORS FOR MOISTURE DETECTION AS AN EARLY WARNING SYSTEM FOR RAINFALL-INDUCED LANDSLIDE • BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI

Venue : Concrete and Highway GECW

173.	47S_BE_0314	ADVANCED TREATMENT METHOD OF SALINE WATER USING THERMAL DESALINATION, OSMATIC MEMBRANE AND GEO-TEXTILE FILTER MEDIA • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
------	-------------	--

174.	47S_BE_0631	ECOTECHNOLOGICAL AND SUSTAINABLE APPROACH TO MITIGATE EROSION-INDUCED SHALLOW LANDSLIDE <ul style="list-style-type: none"> • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
175.	47S_BE_3882	TREATMENT OF WATER BY USING REACTOR OF NATURAL INGREDIENTS WITH APPLICATION OF IOT BASED SYSTEM <ul style="list-style-type: none"> • JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAABI
176.	47S_BE_1678	ADVANCED REAL-TIME FLOOD REGULATING DISCHARGE DRAIN <ul style="list-style-type: none"> • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU

* ~ * ~ *

COMPUTER SCIENCE AND ENGINEERING (25), INFORMATION SCIENCE AND ENGINEERING (5)

Exhibition Project - 4 :

Jury : **Dr. RAVI RAJU**
 CHIEF RESEARCH SCIENTIST, DEPARTMENT OF MATERIALS ENGINEERING,
 INDIAN INSTITUTE OF SCIENCE, BENGALURU

Venue : **CSE Lab 1 and 2**

COMPUTER SCIENCE AND ENGINEERING (30)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
180.	47S_BE_4628	SYNCR8IVE <ul style="list-style-type: none"> • A.P.S. COLLEGE OF ENGINEERING, BENGALURU
181.	47S_BE_4896	IOT BASED SMART IRRIGATION SYSTEM USING DUAL AXIS SOLAR TRACKER <ul style="list-style-type: none"> • ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
182.	47S_BE_3554	MACHINE LEARNING AND IOT BASED WASTE MANAGEMENT MODEL <ul style="list-style-type: none"> • ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
183.	47S_BE_3712	SMART GLASSES FOR VISUALLY IMPAIRED PEOPLE <ul style="list-style-type: none"> • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAABI
185.	47S_BE_3998	AUTOMATED WATER METER READER <ul style="list-style-type: none"> • B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU
186.	47S_BE_2442	BRIDGING THE GAP: REAL-TIME SIGN LANGUAGE TRANSLATION <ul style="list-style-type: none"> • B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
188.	47S_BE_0429	AN INNOVATIVE IT SOLUTION FOR CONVENIENT AND HEALTHY FOOD DELIVERY IN PG'S <ul style="list-style-type: none"> • BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU
190.	47S_BE_0903	HARVESTING TOMORROW'S POWER - IOT DRIVEN SMART AUTOMATION USING RENEWABLE ENERGY RESOURCES <ul style="list-style-type: none"> • CITY ENGINEERING COLLEGE, BENGALURU
191.	47S_BE_2925	IOT BASED AUTOMATIC INTRAVENOUS BAG MONITORING AND ALERT SYSTEM <ul style="list-style-type: none"> • COORG INSTITUTE OF TECHNOLOGY, KODAGU
192.	47S_BE_0088	CARING COMPANION: EMPOWERING ALZHEIMER PATIENT'S ASSISTANCE USING IOT AND AI <ul style="list-style-type: none"> • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
193.	47S_BE_0095	INTERACTIVE SCREENS <ul style="list-style-type: none"> • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
194.	47S_BE_5480	AUTOMATIC FISH FEEDER USING COMPANION APP <ul style="list-style-type: none"> • DAYANANDA SAGAR UNIVERSITY, BENGALURU
195.	47S_BE_4460	AQUALINK COMMUNICATION USING ACOUSTIC MODEM <ul style="list-style-type: none"> • Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU
196.	47S_BE_1964	COMPUTER VISION-BASED MOBILE APPLICATION FOR VISUALLY IMPAIRED <ul style="list-style-type: none"> • EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
197.	47S_BE_0380	NANO TREE WITH SMART LIGHTING TECHNOLOGY <ul style="list-style-type: none"> • EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU

Venue : Woman Empowerment lab

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
198.	47S_BE_0409	RAILSAFE: ADVANCING RAILWAY SAFETY THROUGH AUTOMATED GATE CONTROL, SMOKE DETECTION AND AIRBAG SYSTEM <ul style="list-style-type: none"> EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU
201.	47S_BE_3986	LIP READER USING DEEP LEARNING MODEL <ul style="list-style-type: none"> GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU
204.	47S_BE_2548	AMBULANCE SERVICE WITH ACCIDENT PRONE AREA DETECTION <ul style="list-style-type: none"> GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
205.	47S_BE_2865	INDIAN SIGN LANGUAGE DETECTION SYSTEM USING MACHINE LEARNING <ul style="list-style-type: none"> H.K.E SOCIETY'S SIR M. VISVESVARAYA COLLEGE OF ENGINEERING, RAICHUR
206.	47S_BE_4334	SKIN CANCER DETECTION REDEFINED: HARNESSING THE POWER OF IMAGE PROCESSING AND MACHINE LEARNING <ul style="list-style-type: none"> H.K.E SOCIETY'S SIR M. VISVESVARAYA COLLEGE OF ENGINEERING, RAICHUR
207.	47S_BE_1314	VENOMX: EMPOWERING WINDOWS WITH A VOICE-POWERED AI ASSISTANT <ul style="list-style-type: none"> HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI

Venue : CSE lab 3

208.	47S_BE_3393	INTEGRATED SMART ROAD SAFETY SYSTEM WITH ADVANCED HUMP DETECTION AND WEATHER DATA INTEGRATION <ul style="list-style-type: none"> JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
209.	47S_BE_3109	DETECTION OF RECKLESS DRIVING AND ONCOMING TRAFFIC, ALONG WITH A WARNING SYSTEM IN GHAT HAIRPINS <ul style="list-style-type: none"> K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI
210.	47S_BE_3053	BUZZHUB: SMART BEEHIVE REMOTE MONITORING AND BEE KEEPING SYSTEM USING IOT <ul style="list-style-type: none"> K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA
211.	47S_BE_0596	IOT-BASED MILK ADULTERATION DETECTION AND IDENTIFICATION OF A1 AND A2 TYPE MILK <ul style="list-style-type: none"> MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA

Venue : CSE lab 3

INFORMATION SCIENCE AND ENGINEERING (5)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
306.	47S_BE_0431	DEVELOPMENT OF AN AUTONOMOUS FLOOR CLEANING ROBOT USING ANDROID APPLICATION <ul style="list-style-type: none"> ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
307.	47S_BE_1614	FIRE FIGHTING ROBOT <ul style="list-style-type: none"> CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU
308.	47S_BE_0104	DETECTION OF GASTRIC CANCER THROUGH ADVANCED ENDOSCOPIC IMAGING TECHNOLOGY USING CNN <ul style="list-style-type: none"> CANARA ENGINEERING COLLEGE, MANGALURU
309.	47S_BE_0935	EEG-BASED BRAIN-COMPUTER INTERFACE FOR DIGITAL ACCESSIBILITY <ul style="list-style-type: none"> DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
310.	47S_BE_3836	EMPOWERING STETHESCOPE LISTENING: A SMART ANDROID APP <ul style="list-style-type: none"> DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU

* ~ * ~ *

**COMPUTER APPLICATIONS (2), COMPUTER SCIENCE AND ENGINEERING (13)
INFORMATION SCIENCE AND ENGINEERING (7)**

Exhibition Project - 5 :

Jury : **Dr. KOTA SOLOMON RAJU**
CHIEF SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

Venue : **CSE lab 5 and 6**

COMPUTER APPLICATIONS (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
177.	47S_MCA_0089	ENHANCING MULTILINGUAL ACCESSIBILITY ON YOUTUBE: A REGIONAL LANGUAGE TRANSLATION APPROACH <ul style="list-style-type: none"> K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE RAJAJINAGAR, BENGALURU
178.	47S_MCA_0057	DEVELOPING A VISION-BASED HEART ATTACK DETECTION SYSTEM FOR VEHICLES, TO IMPROVE ROAD SAFETY AND PASSENGER WELL-BEING <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (13)

212.	47S_BE_1623	EFFECTIVE MILK GRADING AND BILLING SOLUTION FOR DAIRY INDUSTRY <ul style="list-style-type: none"> MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI
213.	47S_BE_4810	DETECTION OF UNAUTHORIZED HUMAN ENTITY IN SURVEILLANCE VIDEO <ul style="list-style-type: none"> NAVKIS COLLEGE OF ENGINEERING, HASSAN
214.	47S_BE_1229	FINGERDETECT PRO: ADVANCED FINGERPRINT CRIME ANALYSIS TOOL <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
215.	47S_BE_1556	FAKE PROFILE DETECTION ON SOCIAL MEDIA USING MACHINE LEARNING ALGORITHMS <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
216.	47S_BE_1622	BRAIN NEOPLASM IDENTIFICATION USING CNN WITH VGG-16 MODEL <ul style="list-style-type: none"> NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
217.	47S_BE_2311	NEURONAV: MIND CONTROLLED MOBILITY <ul style="list-style-type: none"> NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU
218.	47S_BE_3990	IMAGE SUPER RESOLUTION FOR TELESURGERY USING ESRGAN <ul style="list-style-type: none"> P.D.A. COLLEGE OF ENGINEERING, KALABURAGI
219.	47S_BE_3254	AGUMENTED REALITY TRANSFORMING PDF INSIGHTS INTO INTERACTIVR AR EXPIRENCE <ul style="list-style-type: none"> P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA
220.	47S_BE_3757	STREE SWACCHA AUTOMATIC SANITARY PADS COLLECTOR AND DISPENSER <ul style="list-style-type: none"> PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE, BALLARI
221.	47S_BE_2699	SMART IOT-ENABLED FLORAL WASTE RECYCLING SYSTEM FOR SUSTAINABLE BIOMATERIAL PRODUCTION <ul style="list-style-type: none"> R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
224.	47S_BE_0918	AUTONOMOUS VEHICLE COLLISION AVOIDANCE <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
225.	47S_BE_1278	SMART ASSISTIVE FRAMEWORK FOR BLIND, DEAF AND DUMB PEOPLE <ul style="list-style-type: none"> REVA UNIVERSITY, BENGALURU
226.	47S_BE_0283	SOLAR POWERED-WATER DESALINATION AND LIVESTOCK WATERING SYSTEM FOR RURAL INDIA <ul style="list-style-type: none"> S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI

Venue : **CSE Analog Lab**

INFORMATION SCIENCE AND ENGINEERING (7)

311.	47S_BE_4339	VIDTALK: EMPOWERING EFFORTLESS VIDEO ENGAGEMENT AND INFORMATION DISCOVERY <ul style="list-style-type: none"> J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU
312.	47S_BE_2032	INTRACRANIAL PRESSURE MONITORING SYSTEM <ul style="list-style-type: none"> MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU
313.	47S_BE_2481	DESIGN AND DEVELOPMENT OF IOT ENABLED SMART HEAD MASSAGER DEVICE <ul style="list-style-type: none"> NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

314.	47S_BE_5019	INDIAN SIGN LANGUAGE LEXICAL INTERPRETER • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
315.	47S_BE_5249	PAYMENT TRANSACTIONS USING BIOMETRIC AUTHENTICATION • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
316.	47S_BE_0166	AIR AND WATER QUALITY INDEX AND ENVIRONMENT MONITORING • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA
318.	47S_BE_2204	USER-CENTRIC DESIGN AND IMPLEMENTATION OF A FILE SHARING PLATFORM WITH REAL-TIME COLLABORATION FEATURES • UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING, BENGALURU

* ~ * ~ *

**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (1), ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (8)
COMPUTER SCIENCE AND ENGINEERING (5), DATA SCIENCE (3), ROBOTICS AND AUTOMATION (3)**

Exhibition Project - 6 :

Jury : Dr. ASHOK RAO
FORMER NETWORK PROJECT MANAGER, CEDT, IISc

Venue : ISE lab 1 and 2

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
158.	47S_BE_3429	AN INTEGRATED SYSTEM FOR DEPRESSION DETECTION, ANALYSIS & PROVIDING PERSONALIZED SUPPORT • ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (8)

159.	47S_BE_0257	BLOCKCHAIN TECHNOLOGY FOR SUPPLY CHAIN MANAGEMENT IN FOOD INDUSTRY • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
160.	47S_BE_5398	VECTOR 1 F1 DECISION SUPPORT SYSTEM • CITY ENGINEERING COLLEGE, BENGALURU
161.	47S_BE_0701	AUTOMATIC VIDEO COLORISATION AND TRANSLATOR • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
162.	47S_BE_0705	SKETCH TO FACE SYNTHESIZER • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
163.	47S_BE_4556	SAMRAKSHAN • DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU
164.	47S_BE_4142	DATA WIZARD • JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU
165.	47S_BE_0774	PREDICTIVE MODELING FOR CATTLE SURVIVAL RATES WITH LUMPY SKIN DISEASE • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
166.	47S_BE_5138	PRECISION FARMS: ACCELERATED AGRICULTURE ANALYTICS WITH EDGE COMPUTING • SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU

COMPUTER SCIENCE AND ENGINEERING (5)

229.	47S_BE_1478	IOT ENABLED SMART STREET LIGHT MANAGEMENT SYSTEM USING DYNAMIC BRIGHTNESS CONTROL • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
230.	47S_BE_1612	AIDUCATE: YOUR SMART TUTOR • SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU
231.	47S_BE_3405	ENHANCING VIDEO QUALITY THROUGH AI-POWERED NOISE REMOVAL TECHNIQUES • SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
233.	47S_BE_0782	BIDIRECTIONAL COMMUNICATION SYSTEM FOR DEAF-BLIND INDIVIDUALS • ST. JOSEPH ENGINEERING COLLEGE, MANGALURU
234.	47S_BE_2004	EYESHARP • VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA

DATA SCIENCE (3)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
235.	47S_MSC_0133	ENHANCING CROP YIELD PREDICTION THROUGH MACHINE LEARNING TECHNIQUES • N.M.K.R.V COLLEGE FOR WOMEN, BENGALURU
236.	47S_MSC_0138	TIME SERIES-BASED ANALYSIS OF ENERGY CONSUMPTION: FORECASTING AND ANOMALY DETECTION USING MODIFIED LSTM AND ISOLATION FOREST • REVA UNIVERSITY, BENGALURU
237.	47S_BE_0523	PAADARAKSHA - DIABETIC FOOT ULCER DETECTION AND LOCALIZATION USING DEEP LEARNING TECHNIQUES • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU

ROBOTICS AND AUTOMATION (3)

349.	47S_BE_4528	DESIGN AND DEVELOPMENT OF LOW COST HEALTH CARE MONITORING ROBOT FOR HEALTH CENTERS IN RURAL AREAS • CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU
350.	47S_BE_4587	DISASTER BOT: INTEGRATING ROBOTICS FOR EFFICIENT DISASTER RESPONSE AND MANAGEMENT • CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU
352.	47S_BE_5416	DESIGN AND DEVELOPMENT OF VERSATILE HUMANOID SERVICE ROBOT • VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAIVI

* ~ * ~ *

ELECTRICAL AND ELECTRONICS ENGINEERING (14)**Exhibition Project - 7 :**

Juries : **Dr. B. SUBBA REDDY**
CHIEF RESEARCH SCIENTIST, DEPARTMENT OF ELECTRICAL ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

Dr. U. J. SHENOY
FORMER CHIEF RESEARCH SCIENTIST, DEPARTMENT OF ELECTRICAL
ENGINEERING, INDIAN INSTITUTE OF SCIENCE, BENGALURU

Venue : **Outside Parking building No-2 GECW****ELECTRICAL AND ELECTRONICS ENGINEERING (14)**

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
239.	47S_BE_3819	MYOELECTRIC TRANSRADIAL PROSTHETIC ARM FOR UPPER LIMB DISARTICULATION TO SUPPORT DISABLED REHABILITATION • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
240.	47S_BE_2562	FABRICATION AND IMPLEMENTATION OF THE SOLAR E-BIKE • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
242.	47S_BE_3793	DESIGN AND DEVELOPMENT OF COST EFFECTIVE ELECTRIC VEHICLE • G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR
243.	47S_BE_5233	VEHICLE EMISSION MONITORING, DETECTING AND TRACKING USING GPS & GSM • K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI
244.	47S_BE_1728	DESIGN AND IMPLEMENTATION OF HYBRID CHARGING STATION FOR ELECTRIC VEHICLES • M.V.J. COLLEGE OF ENGINEERING, BENGALURU

Venue : **Civil Class room no-1**

241.	47S_BE_2986	MEDICINE AND FEMMECARE SANITARY NAPKINS VENDING MACHINE • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
245.	47S_BE_1776	ACTIVE TEMPERATURE CONTROL OF LI-ION BATTERY • M.V.J. COLLEGE OF ENGINEERING, BENGALURU
246.	47S_BE_1910	MEDICAL WASTE SEGREGATION AND MANAGEMENT • M.V.J. COLLEGE OF ENGINEERING, BENGALURU
247.	47S_BE_0069	ENHANCED ELECTRIC PROPULSION AND STABILITY CONTROL IN TWO-WHEELED VEHICLES • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU

248.	47S_BE_0012	THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERY BANK: IMPROVING PERFORMANCE AND SAFETY • REVA UNIVERSITY, BENGALURU
249.	47S_BE_3054	FIREFIGHTING DRONE • S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD
250.	47S_BE_2068	AUTOMATED EFFLUENT TREATMENT PLANT • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI
251.	47S_BE_0620	MULTIFUNCTION AGRO MACHINE • SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
252.	47S_BE_0897	AUTOMATED EXHAUST FAN AND FLUSHING SYSTEM • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU

* ~ * ~ *

**DIGITAL COMMUNICATION AND NETWORKING (1), ELECTRONICS AND COMMUNICATION ENGINEERING (44)
ELECTRONICS AND COMPUTER ENGINEERING (1), ELECTRONICS AND INSTRUMENTATION ENGINEERING (2)
ELECTRONICS AND TELECOMMUNICATION ENGINEERING (2), TELECOMMUNICATION ENGINEERING (1)**

Exhibition Project - 8 :

Juries : **Dr. KRISHNA KUMAR M**
FORMER PRINCIPAL RESEARCH SCIENTIST,
DEPARTMENT OF ELECTRONIC SYSTEMS ENGINEERING,
INDIAN INSTITUTE OF SCIENCE, BENGALURU

Dr. ARUN KUMAR J. G.,
SCIENTIST - F, HEAD, DESIGN DEPARTMENT,
CENTRAL MANUFACTURING TECHNOLOGY INSTITUTE, BENGALURU

Venue : **Civil Lab**

DIGITAL COMMUNICATION AND NETWORKING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
238.	47S_MTech_0118	DRY HAND WASHING MACHINE USING FOG DISINFECTION • SHARNBASVA UNIVERSITY, KALABURAGI

Venue : **Survey lab Civil GECW 1st Floor**

ELECTRONICS AND COMMUNICATION ENGINEERING (44)

253.	47S_BE_1870	BRAIN WAVE CONTROLLED MINIATURE WHEEL CHAIR USING BCI TECHNOLOGY • A.P.S. COLLEGE OF ENGINEERING, BENGALURU
254.	47S_BE_4623	SPINE SERENITY: SMART RELIEF MASSAGER • A.T.M.E. COLLEGE OF ENGINEERING, MYSURU
255.	47S_BE_5060	DEVELOPMENT OF HAPTIC PROSTHETIC HAND FOR REALIZATION OF INTUITIVE OPERATION USING ESP32 • ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
258.	47S_BE_0606	ENHANCED VISION: A MACHINE LEARNING APPROACH FOR SMART GLASSES AIDING THE VISUALLY IMPAIRED • ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU
259.	47S_BE_2416	DEEPFAKE DETECTION USING DEEP LEARNING • B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA
260.	47S_BE_5166	SMART ANTI-THEFT CONTROL SYSTEM USING IOT • B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA
261.	47S_BE_3758	AQUA ELIXIR • B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU
262.	47S_BE_4126	FIRE FIGHTING ROBOT • B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
263.	47S_BE_5025	ROBOTIC REHABILITATION FOR PARALYZED ARM • B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
264.	47S_BE_2641	BIOCHEMICAL INSPIRED REMEDIATION OF EFFLUENT WASTE WATER USING POLY BASED BIO FILTERS FOR CONVENTIONAL FARMING APPLICATIONS • C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU

Venue : Geology Lab GECW 1st Floor

265.	47S_BE_0810	LOW-COST MYOELECTRIC PROSTHETIC ARM • CANARA ENGINEERING COLLEGE, MANGALURU
266.	47S_BE_3064	UNDERWATER AUDIO AND DATA TRANSMISSION USING LI-FI TECHNOLOGY • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
267.	47S_BE_5021	HYBRID - GWO ALGORITHM BASED PID CONTROLLER FOR QUADCOPTERS • DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU
269.	47S_BE_3309	DSP INTEGRATION FOR SMART COMPOST MONITORING • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
270.	47S_BE_4466	SMART ASSISTIVE SYSTEM FOR VISUALLY CHALLENGED PEOPLE WITH EMERGENCY ASSISTANCE • GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN
271.	47S_BE_2172	VEHICLE IMPACT NOTIFICATION AND EMERGENCY CALLING SYSTEM • JAIN COLLEGE OF ENGINEERING, BELAGAAVI
272.	47S_BE_1533	COMPUTER VISION BASED HELMET TRAFFIC VIOLATION, DETECTION AND PERSON IDENTIFICATION IN SMART CITIES • K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI
273.	47S_BE_4452	SMART MEDICATION DISPENSER AND REMINDER USING EMBEDDED SYSTEM • K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA
274.	47S_BE_2235	BIONIC ARM • K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
275.	47S_BE_1789	SOLAR POWERED AUTONOMOUS LAWN MOWER • M.V.J. COLLEGE OF ENGINEERING, BENGALURU
276.	47S_BE_3922	SEWAGE PIPE CRAWLING ROBOT • MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI

Venue : ECE lab 3 and 4

277.	47S_BE_3530	TREE CLIMBING ROBOT WITH PESTICIDE SPRAYING AND VIDEO STREAMING IN REAL TIME USING MICROCONTROLLER • N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU
278.	47S_BE_4393	IOT BASED SMART MEDICINE BOX • N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU
279.	47S_BE_1403	GALVANIC SKIN RESPONSE (GSR) BASED EMOTIONAL STATE EXAMINATION AND BIOFEEDBACK FOR WELL-BEING • N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE
280.	47S_BE_2503	IMPLEMENTATION OF DUST CLEANING ROBOT • NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU
281.	47S_BE_2055	A SMART NECK WEAR FOR TRACKING CANINE WELFARE • NAVKIS COLLEGE OF ENGINEERING, HASSAN
282.	47S_BE_5385	DESIGNING AND TESTING AUTOMATIC AGRICULTURAL ROBOTS FOR FARMING • NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU
283.	47S_BE_4932	DESIGN AND DEVELOPMENT OF A DEVICE TO MONITOR DIABETIC FOOT PRESSURE • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
284.	47S_BE_4027	AUTOMATIC VEHICLE SPEED CONTROLLER AND AVOIDING ACCIDENT IN EXPRESSWAY/HIGHWAY • R.R. INSTITUTE OF TECHNOLOGY, BENGALURU
285.	47S_BE_1998	EMBEDDED SMART SHOES • R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU
286.	47S_BE_4995	NOISE TO ELECTRICITY GENERATOR FOR CHARGING ELECTRIC VEHICLES • REVA UNIVERSITY, BENGALURU
287.	47S_BE_0510	PREDICTION OF MELANOMA USING DERMOSCOPIC IMAGES USING DEEP LEARNING -BASED ARTIFICIAL INTELLIGENCE TECHNIQUE • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

Venue : ECE lab 1

288.	47S_BE_1439	IOT ENABLE SURVEILLANCE AND ALERTING FOR LPG CONTAINER • S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA
289.	47S_BE_0325	EFFICIENT SPRAYING MACHINE FOR OPTIMISING ARECANUT ORCHARD MANAGEMENT • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
290.	47S_BE_0328	SONIC FUSION: ADVANCED HEARING AID WITH A PIEZOELECTRIC TRANSDUCER FOR BONE CONDUCTION • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU

291.	47S_BE_0529	FLYING HIGH FOR HEALTH: DESIGN & IMPLEMENTATION OF SOLAR POWERED AUTONOMOUS VTOL TECHNOLOGY FOR MEDICINE DELIVERIES IN REMOTE AND INACCESSIBLE AREAS • SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU
292.	47S_BE_1584	ADVANCED IOT AND MACHINE LEARNING SOLUTIONS TO MONITOR UNDERPASS WATER LOGGING • SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU
293.	47S_BE_0099	PRECISE TEMPERATURE CONTROLLED PORTABLE STORAGE MODULE FOR PHARMACEUTICAL FLUIDS • SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
294.	47S_BE_0807	WALL PAINTING ROBOT • SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
295.	47S_BE_4008	HELMET MOUNTED ADAS FOR ENHANCED SAFETY AND AWARENESS • SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU
296.	47S_BE_3130	IDENTIFICATION OF POTHOLE AND REPAIR COST ESTIMATION USING SEMI AUTOMATED ROBOT • SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU
297.	47S_BE_4588	DESIGN AND STUDY OF SMART CUP FOR MONITORING HAND ACTIVITY OF STROKE PATIENT • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
298.	47S_BE_0335	360° WASTE DETECTION ON SURFACE OF THE WATER & QUALITY ANALYSIS USING ROBOT • VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU
300.	47S_BE_1645	AQUANEBULA: AIR-TO-WATER GENERATOR • YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU

Venue : ECE Classroom 1

ELECTRONICS AND COMPUTER ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
301.	47S_MTech_0110	HARDWARE IMPLEMENTATION OF NOC TOPOLOGIES • REVA UNIVERSITY, BENGALURU

ELECTRONICS AND INSTRUMENTATION ENGINEERING (2)

302.	47S_BE_4734	MULTIFUNCTIONAL ROVER • R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU
303.	47S_BE_4728	AUTOMATIC SUGARCANE BUD CUTTING USING IMAGE PROCESSING • SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU.

ELECTRONICS AND TELECOMMUNICATION ENGINEERING (2)

304.	47S_BE_0412	IOT BASED PORTABLE VENTILATOR • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU
305.	47S_BE_0434	HOLOGRAPHIC VIDEO VISUALIZER WITH GESTURE CONTROLLER • BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU

TELECOMMUNICATION ENGINEERING (1)

353.	47S_BE_2236	WEARABLE HEART MONITOR FOR DETECTION OF BRADYCARDIA AND ATRIAL FIBRILLATION • B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU
------	-------------	---

* ~ * ~ *

COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE ENGINEERING (1)

COMPUTER SCIENCE AND ENGINEERING (12), ELECTRONICS AND COMMUNICATION ENGINEERING (4)

INFORMATION SCIENCE AND ENGINEERING (2), MECHANICAL ENGINEERING (2), ROBOTICS AND AUTOMATION (1)

Exhibition Project - 9 :

Juries : Dr. V. P. S. NAIDU,
CHIEF SCIENTIST, NATIONAL AEROSPACE LABORATORIES, BENGALURU

Shri. NARASIMHAN S M,
TECHNICAL EXPERT, ECE, MYSURU

Venue : ECE Classroom 2

COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE ENGINEERING (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
179.	47S_BE_2462	EMG BASED PROSTHETIC HAND WITH ADAPTIVE GRASPING ENHANCED BY COMPUTER VISION • AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU

COMPUTER SCIENCE AND ENGINEERING (12)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
184.	47S_BE_1144	ANTI-SLEEP GLASSES USING AI TO PREVENT ACCIDENTS • B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA
187.	47S_BE_2871	APPLYING ARTIFICIAL INTELLIGENCE TO WEARABLE SENSOR DATA TO DIAGNOSE & PREDICT CARDIOVASCULAR DISEASE • BASAVAKALYAN ENGINEERING COLLEGE, BASAVAKALYANA
189.	47S_BE_4919	DEONE WITH AUTO CONTROL LAND MEASUREMENT AND SELF-CHARGING • BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU
199.	47S_BE_3414	EDU AR: AUGMENTED REALITY ENHANCED E-LEARNING APPLICATION FOR KIDS WITH DOWN SYNDROME • G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE
200.	47S_BE_2780	BEYOND BOOKS: A NEW ERA OF SMART LEARNING WITH AUGMENTED REALITY • GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU
202.	47S_BE_0366	ROBOT WASTE SEGREGATOR USING COMPUTER VISION • GOVERNMENT ENGINEERING COLLEGE, DODDAMANNUGUDDE, RAMANAGARA

Venue : ECE Classroom 3

203.	47S_BE_1770	DEPRESSION DETECTION USING AIML • GURU NANAK DEV ENGINEERING COLLEGE, BIDAR
222.	47S_MTech_0074	MEDICAL TRAINING USING VIRTUAL REALITY • RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU
223.	47S_BE_0724	AI - POWERED VISUAL ASSISTANCE: DEVELOPING AN ANDROID APPLICATION FOR ENHANCED ACCESSIBILITY IN THE VISUALLY IMPAIRED COMMUNITY. • REVA UNIVERSITY, BENGALURU
227.	47S_BE_0329	SMART VOICE ASSISTANT WITH DRIVEN VOICE-BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED • S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI
228.	47S_BE_1607	ROBOTIC MODEL FOR AUTONOMOUS CAR BASED ON AI • S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA
232.	47S_BE_5220	SMART TOURISM USING AI-VR • SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU

ELECTRONICS AND COMMUNICATION ENGINEERING (4)

256.	47S_BE_2035	A GESTURE VOCALIZER TRANSLATION SYSTEM FOR EFFICIENT COMMUNICATION • AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU
------	-------------	--

Venue : Parking Area

257.	47S_BE_2554	LANDMINE DETECTION USING ROBOTIC VEHICLE • AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU
------	-------------	--

Venue : ECE Classroom 4

268.	47S_BE_3540	AUTONOMOUS ROVER FOR MAPPING AND OBJECT DETECTION • DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU
299.	47S_BE_5362	BEYOND WHEELS: THE SENSORY SMART CHAIR • VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU

INFORMATION SCIENCE AND ENGINEERING (2)

317.	47S_BE_1050	RESCUE ROBOT FOR BOREWELL • THE OXFORD COLLEGE OF ENGINEERING, BENGALURU
319.	47S_BE_2086	DOORBELL SYSTEM FOR DEAF USING IOT • YENENOYA INSTITUTE OF TECHNOLOGY, MOODBIDRI, MANGALURU

MECHANICAL ENGINEERING (2)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
329.	47S_BE_3835	IOT BASED PIPE INSPECTION ROBOT • HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI
341.	47S_BE_4207	DEVELOPMENT OF MULTIFUNCTIONAL AUTOMATIC WHEELCHAIR • S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU

ROBOTICS AND AUTOMATION (1)

Sl. No.	PROJECT REFERENCE NO.	TITLE OF THE PROJECT AND NAME OF THE COLLEGE
351.	47S_MTech_0082	DESIGN AND DEVELOPMENT OF MOBILE ROBOT MEDICINE DELIVERY SYSTEM FOR THE GENERAL WARD OF THE GOVERNMENT HOSPITALS • M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU

* ~ * ~ *

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science Campus, Bengaluru – 560 012
and
SHARNBASVA UNIVERSITY, KALABURAGI

47th series of Student Project Programme (SPP): 2023-24

**Annual State-Level Poster Presentation and Exhibition
on 9th and 10th August 2024 at Sharnbasva University, Kalaburagi**

Date : 10th August 2024 **Time:** 3:00 PM

Venue : Doddappa Appa Auditorium, Sharnbasva University, Kalaburagi

**VALEDICTORY AND “BEST PROJECT OF THE YEAR”
AWARDS PRESENTATION FUNCTION**

03:00 PM – 03:05 PM	Invocation
03:05 PM – 03:10 PM	Welcome Address: Dr. S. H. Honnali Registrar (Evaluation), Sharnbasva University, Kalaburagi
03:10 PM – 03:15 PM	Address by Dr. U. T. Vijay Executive Secretary, Karnataka State Council for Science & Technology, Bengaluru
03:15 PM – 03:25 PM	Valedictory Address: Dr. Baswaraj Gadgay Regional Director, Visvesvaraya Technological University, Kalaburagi
03:25 PM – 03:35 PM	Address by Guests of Honour: Prof. Ashok M Raichur <small>FNAE, FNASc, FRSC</small> Secretary, Karnataka State Council for Science and Technology and Professor, Department of Materials Engineering, Indian Institute of Science
03:35 PM – 03:45 PM	Address by Chief Guest: Shri S.E Sudheendra Chairman (Cabinet Rank), Karnataka State Bio-Energy Development Board Government of Karnataka
03:45 PM – 04:00 PM	Presidential Address: Dr. Anilkumar Bidve Hon'ble Vice -Chancellor, Sharnbasva University, Kalaburagi
04:00PM – 04:50 PM	Presentation of Best Projects of the Year Awards
04:50 PM – 04:55 PM	Vote of Thanks: Dr. Nagbasavanna Guragol Dean, Faculty of Science and Technology Sharnbasva University, Kalaburagi
05:00 PM – 05:30 PM	High Tea