

# Karnataka State Council for Science and Technology

Indian Institute of Science campus, Bengaluru

## 48<sup>th</sup> SERIES OF STUDENT PROJECTS PROGRAMME: 2024 - 2025

### LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

**Important: Please read the guidelines to carry-out the project.**

**The following are the guidelines to carry-out the project work:**

- a. The project shall be performed based on the objectives outlined in the proposal sent by you.
- b. The project shall be completed in all respects and the **Project Completion Report (Final report) has to be sent in SOFTCOPY ONLY (SINGLE PDF FILE) by uploading the project report in the Google Form after completing the project within 6th June 2025.**  
**The link for updating the Project Completion Report is :**  
<https://forms.gle/bg7d5k4594LFbRQd8>.  
**The pdf file shall mandatorily include the project completion certificate duly signed by the Project Guide and Head of the institution regarding completion of the project. The SPP Co-ordinator shall take relevant steps to submit the completed project reports and submission of Utilisation Certificate to KSCST for the funds released to your institution.**
- c. Please note that the project highlighted in **Grey colour** has received funding from “**AI & Robotics Technology Park (ART-Park), IISc**” and technical support from **KSCST**. Therefore, please acknowledge funding sources of **KSCST** and **ART-Park** and **Logo** in the Project Completion Report. The **Synopsis** and **Project Completion Report** softcopy must be named with Reference ID provided by KSCST (Eg: 48S\_BE\_0001\_Synopsis or 48S\_BE\_0001\_Full\_Report).  
Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned back to KSCST.
- d. Every project has been provided with Reference Number. Please quote the project sanctioned reference number in all your future correspondences. Any corrections with respect to the names of the guide and students should be requested at spp@kscst.org.in
- e. **Important:** KSCST will be conducting mid-term evaluation of projects during third week of April 2025 onwards through online mode and will be completing by 2nd Week of May 2025. It is necessary to send 2-to-3-page write-up in MS Word format by 17th April 2025. (synopsis needs to be sent by uploading the synopsis of your project in the Google Form. The template for preparing ppt file will be sent to the team leader of individual project and the link for updating the synopsis is <https://forms.gle/EqAUv7AwPXqAjveTA>) and need to be sent consisting of the following points with the approval of the Project Guide.
  1. Title of the project
  2. Name of the College & Department
  3. Name of the Sstudent’s & Guide(s) (with email id and cell no. if any)
  4. Keywords
  5. Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  6. Main objectives of the project (about 10 lines)
  7. Methodology (about 30 lines) (materials, methods, details of work carried out, including drawings, diagrams etc).
  8. Results and Conclusions (about 20 lines with specific reference to work carried out)


9. Scope for future work (about 20 lines).
- f. Projects for state-level Poster Presentation or Exhibition will be selected during online midterm evaluation and will be intimated.

**The sanctioned amount will be sent separately by KSCST to the college in the name of the principal by NEFT transfer. The details of transaction number and date will be intimated / published in this website.**

**Please Note: - Project Guide / SPP Co-ordinators:**

It is noticed that few institutions have not submitted the utilisation certificate and statement of expenditure (UC / SoE) for the amount released under 44<sup>th</sup> series, 45<sup>th</sup> series, 46<sup>th</sup> series and 47<sup>th</sup> Series of SPP. Hence, the amount will not be released to those institutions who have not submitted the UC. Please refer to the list of institutions not submitted the UC.

It is informed to submit the UC at the earliest to initiate release of the sanctioned amount.

 [The details of Receipt of Utilization Certificate and Statement of Expenditure \(UC/SE\), Softcopy of Project Completion Report for 44<sup>th</sup>, 45<sup>th</sup>, 46<sup>th</sup> and 47<sup>th</sup> Series Student Project Programme as on date is appended in this file and also published in the website.](#)

### Other Guidelines / information

- The sponsored projects evaluation will be held in Online mode (During April / May 2025) and will be intimated to the SPP Co-ordinators and project team leaders through email.
- It is mandatory for a sponsored project to demonstrate their project outcomings at the Nodal Centre / Online mode.
- The date of evaluation will be communicated to the SPP Co-ordinator of respective engineering colleges / institution / university and will also be announced in the website.
- Participation in the online evaluation process and submission of softcopy of the synopsis, final project completion report and submission of utilisation certificate for "**all the projects sanctioned in a single UC**" to KSCST is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- The project has to be completed in all respects and synopsis as per the format indicated above (in MS Word format) and Project Completion Report (PCR), (Final, in single pdf file) to be uploaded in the Google Form. The link of the Google Form is given above. Last date for uploading the PCR is 6th June 2025.
- Any change in the project title and objectives, etc., or students is liable for rejection of the project and the amount sanctioned needs to be returned back to KSCST.
- **After completing all the Projects and submission of Project Completion Reports, the SPP Co-ordinator nominated by the College / institution shall send the hard copy of Utilization certificate (UC), Statement of Expenditure (SE) to KSCST by Speed Post within 20 August 2025.**

 [Format for preparing utilisation certificate](#)

(to be prepared and printed in the institution letterhead)

### For more details if any, please contact:

Executive Secretary, KSCST, Email: spp@kscst.org.in

or

Mr. K. N. Venkatesh  
Program Co-ordinator - SPP  
Senior Project Engineer, KSCST  
Email: knv@kscst.org.in

Mrs. Anjani  
Project Engineer, KSCST  
Co-ordinator - SPP  
Email: anjani@kscst.org.in

**Karnataka State Council for Science and Technology**  
Indian Institute of Science campus, Bengaluru

Annexure -1

**47<sup>th</sup> Series SPP (2023-24): List of Institutions with Pending Utilisation Certificate (UC) and Statement of Expenditure (SoE) Submissions as of April 22, 2025.**

Sl. No.	Name of the Institution	No. of Projects Approved	Sanctioned amount	Receipt of UC / SE from the Institution
1	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	4	22,500	NOT RECEIVED
2	A.G.M. RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	5	24,500	Amount not released, UC/SE Pending for previous Years
8	ACHARYA INSTITUTE OF MANAGEMENT & SCIENCES, BENGALURU	1	4,000	NOT RECEIVED
9	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	10	55,500	NOT RECEIVED
13	ALLIANCE COLLEGE OF ENGINEERING AND DESIGN, ALLIANCE UNIVERSITY, BENGALURU	3	15,500	NOT RECEIVED
17	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	8	35,500	NOT RECEIVED
36	C.M.R. UNIVERSITY, BENGALURU	2	8,000	NOT RECEIVED
65	GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN	2	10,500	NOT RECEIVED
66	GOVERNMENT ENGINEERING COLLEGE, TALAKAL, KOPPALA	1	5,000	Amount not released, UC/SE Pending for previous Years
87	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI	10	45,000	NOT RECEIVED
91	K.L.E. TECHNOLOGICAL UNIVERSITY, HUBBALLI	1	5,000	NOT RECEIVED
94	K.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	2	11,000	Amount not released, UC/SE Pending for previous Years <b>UC of 45S SPP, Received on 5/2/2025</b>
99	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	4	28,000	NOT RECEIVED
108	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	6	29,500	NOT RECEIVED
114	MOODLAKATTE INSTITUTE OF TECHNOLOGY, UDUPI	4	18,000	NOT RECEIVED
132	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	7	47,000	NOT RECEIVED
134	PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE, BALLARI	1	5,000	NOT RECEIVED
135	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU	1	4,000	Amount not released, UC/SE Pending for previous Years
139	R.V. COLLEGE OF ENGINEERING, BENGALURU	8	41,500	NOT RECEIVED
143	RAJIV GANDHI INSTITUTE OF TECHNOLOGY, BENGALURU	1	4,000	NOT RECEIVED
158	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	2	10,000	NOT RECEIVED
174	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	7	44,000	NOT RECEIVED

175	SRINIVAS UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MUKKA, MANGALURU	1	3,500	Amount not released, UC/SE Pending for previous Years
183	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	10	56,500	NOT RECEIVED
188	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING, BENGALURU	1	4,000	Amount not released, UC/SE Pending for previous Years
192	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	19	93,500	NOT RECEIVED
194	VIJAYA VITTALA INSTITUTE OF TECHNOLOGY, BENGALURU	2	10,500	Amount not released, UC/SE Pending for previous Years
196	VISVESVARAYA TECHNOLOGICAL UNIVERSITY CENTRE FOR P.G. STUDIES, MYSURU	2	9,000	Amount not released, UC/SE Pending for previous Years

**46<sup>th</sup> Series SPP (2022-23): List of Institutions with Pending Utilisation Certificate (UC) and Statement of Expenditure (SoE) Submissions as of April 22, 2025.**

Sl. No.	Name of the Institution	No. of Projects Approved	Sanctioned amount	Receipt of UC / SE from the Institution
86	K.C.T. ENGINEERING COLLEGE, KALABURAGI	1	5000	NOT RECEIVED
135	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU	1	3000	NOT RECEIVED

**45<sup>th</sup> Series SPP (2021-22): List of Institutions with Pending Utilisation Certificate (UC) and Statement of Expenditure (SoE) Submissions as of April 22, 2025.**

Sl. No.	Name of the College / Institution	No. of Projects Approved	Sanctioned amount	Receipt of UC / SE from the Institution
18	B.M.S. EVENING COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	1	10,000	NOT RECEIVED
112	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU	1	4,000	NOT RECEIVED
163	V.T.U. P.G. CENTRE, MYSURU	1	8,000	NOT RECEIVED

**44<sup>th</sup> Series SPP (2020-21): List of Institutions with Pending Utilisation Certificate (UC) and Statement of Expenditure (SoE) Submissions as of April 22, 2025.**

Sl. No.	Name of the Institution	No. of Projects Approved	Sanctioned amount	Receipt of UC / SE from the Institution
2	A.G.M. RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	2	14,000	NOT RECEIVED
31	BHEEMANNA KHANDRE INSTITUTE OF TECHNOLOGY, BHALKI	1	6,000	NOT RECEIVED
107	NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR	1	6,000	NOT RECEIVED
118	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU	2	5,000	NOT RECEIVED
155	SRINIVAS UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, MANGALURU	3	18,000	NOT RECEIVED
166	UNIVERSITY VISVESVARAYA COLLEGE OF ENGINEERING, BENGALURU	3	9,000	NOT RECEIVED
173	VIJAYA VITTALA INSTITUTE OF TECHNOLOGY, BENGALURU	2	10,500	NOT RECEIVED



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
1.	48S_MBA_0165	ASSESSING THE IMPACT OF STREET DOGS ON PUBLIC HEALTH: A STUDY ON ZOO NOTIC 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	3,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	3,500.00
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	4,500.00
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	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
7.	48S_BE_2866	RUNOFF MODELLING FOR THE WATERSHED USING HYDROLOGICAL MODEL SWAT	B.E.	CIVIL ENGINEERING	Dr. NAGENDRA Ms. NIDHI SARNOBAT	Ms. AISHWARYA KIDADAL Mr. AKASH KAGGOD Ms. AKSHATA TIDAGUNDI Mr. ADARSH RAJGOPAL RAIKAR	3,500.00
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	4,500.00
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 KALAPPAVAR	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	3,500.00
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. NITESH S KOTIAN Mr. PRATHAM V ASAIGOLI	4,500.00



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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	4,500.00
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	5,500.00
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	2,500.00
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	5,000.00
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	3,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	2,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	4,000.00
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	4,000.00
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	4,500.00
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	4,500.00



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	3,500.00
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	2,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00
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	6,000.00
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	5,000.00



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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	5,500.00
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	4,500.00
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	7,000.00
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	7,000.00
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	6,000.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,000.00
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 HARMAN Ms. FATHIMA SADAF Mr. MOHAMMED SABIR Mr. VIVEK H K	5,000.00
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	5,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
55.	48S_BE_5710	REMEDICATION 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	5,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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	5,000.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
61.	48S_BE_2192	FAKE CURRENCY DETECTION USING IMAGE PROCESSING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PUSHPA RAVIKUMAR	Ms. JISHA JOHN Ms. BHOO MIKA E K Ms. KAVANA K Ms. VARSHINI R	4,000.00
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	5,000.00
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	4,500.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	3,000.00
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	6,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 10. ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	4,500.00
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	4,500.00
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	5,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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	5,000.00

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#### 12. ALVA'S COLLEGE, MOODUBIDIRE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 13. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBDIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	7,500.00
79.	48S_BE_2643	DESIGN AND 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	8,500.00
80.	48S_BE_0714	MANGROVE MAPPING USING CONVOLUTIONAL NEURAL NETWORKS (CNN).	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. RAMESH G Dr. VINAY S	Mr. SYED TASLEEM AHMED Mr. SHIVARAJ B PATIL Mr. Y JAYAPRAKASH YADAV	6,000.00
81.	48S_BE_1081	PERSON RECOGNITION AND AUTONOMOUS BOT NAVIGATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. RAMESH G Prof. HARISH KUNDER	Mr. MAHAMMAD SAHIL Mr. DARSHAN Mr. SHASHANK A PALAN Mr. SHRISHANTH S SHETTY	7,500.00
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	7,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	3,500.00
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	4,000.00
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	5,000.00
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	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	3,500.00
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	5,000.00
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	5,000.00
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	5,000.00
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,000.00
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	4,500.00
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	4,500.00
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	6,000.00
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	3,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	7,500.00
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	6,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 15. AMRITA VISHWA VIDYAPEETHAM, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,000.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 17. ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGA VI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	2,000.00
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	3,000.00
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	3,500.00
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	2,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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 DAYYAPPAVAR Ms. NEELAMBIKA FATAKAL	3,500.00
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	5,000.00
118.	48S_BE_4286	EARLY FETAL HEALTH DETECTION USING CARDIOTOGRAPHY 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	2,500.00
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	2,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	2,500.00
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	2,000.00
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	6,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	6,000.00
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	5,000.00
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	6,000.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	2,000.00
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	2,000.00
133.	48S_BE_2591	COPYRIGHT INFRINGEMENT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN	Mr. K SREE HARSHA Mr. KARTHIK R Mr. ANIKETH K Mr. KUSHAL S	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
135.	48S_BE_2900	SENTIMENT ANALYSIS 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	2,500.00
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	2,500.00
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	2,500.00
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	3,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
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	3,500.00
142.	48S_BE_3962	VOICE CONTROLLED WATER DISPENSER USING AI-IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAKHI S Prof. BHASKAR M K	Ms. E A GOWRI Ms. LIKHITHA SWAMY Mr. MANOJ B	6,000.00
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	6,000.00
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	4,500.00
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. DHYRUV KUMAR SAHU Ms. DIKSHA SINGH Ms. NIKITA KUMARI	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
147.	48S_BE_5063	CHANGE DETECTION IN SATELLITE IMAGERY : ASSESSING HUMAN IMPACTS WITH DEEPLARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHRUTHI B Dr. DEEPAK N R	Mr. INDUDHAR H S Mr. ABHISHEK S BHARADWAJ Mr. HEMANTH J	4,000.00
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	4,000.00
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	6,000.00
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	6,000.00
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	6,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 20. B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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	5,500.00
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	5,500.00
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	6,500.00
161.	48S_BE_1996	INTEGRATING IOT FOR SMART GREEN ENVIRONMENT: A REAL TIME AIR QUALITY MONITORING 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	5,500.00
162.	48S_BE_1576	TRANSFORMING DRINKING WATER QUALITY ANALYSIS WITH ARTIFICIAL INTELLIGENCE : MAYSANDRA HOBLI TURUVEKERE	B.E.	CIVIL ENGINEERING	Mr. AMITH B J Mr. SACHIN M S	Mr. VISHWANATHA M Mr. HALES P H Mr. AKASH R Ms. VIDYARANI M	6,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,500.00
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. HONNESHYA T	5,500.00
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	6,000.00
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	5,500.00
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	3,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	5,000.00
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	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 21. B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	4,000.00
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	4,000.00
183.	48S_BE_6496	AI DRIVEN CONTENT GENERATION FOR EDUCATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRATAP SOLAPUR	Ms. ARPITA METRI Ms. ANUSHA TALIKOTI Ms. KAVYA HANAMASHETTI Ms. KAVYA K B	4,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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 JALALPURA	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	7,000.00
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	7,000.00
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	7,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 22. B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	6,000.00
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	6,000.00
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	6,500.00
205.	48S_BE_2437	ENVIRONMENTAL 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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00
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	4,500.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,000.00
213.	48S_MTECH_0040	GREYWATER CHARACTERIZATION AND ITS TREATMENT USING INTEGRATED LEAFY VEGETABLE HYDROPONIC-BIOFILM SYSTEM: A SUSTAINABLE APPROACH	M.Tech	ENVIRONMENTAL ENGINEERING	Mrs. PRATHIMA B	Mr. MITHUN KHOLA U	6,000.00
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	4,000.00
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	4,500.00
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	3,500.00
217.	48S_BE_1750	BENGALURU WASTE SEGREGATION AND MONITORING USING GPS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SOWMYA K S	Mr. DHARUV NAGARAJAN KOUNDINYA Ms. NIKI KRIPALANI Ms. ARUSHI SINGH	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	3,500.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 23. B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,500.00
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	5,000.00
225.	48S_MCA_0060	INTELLIGENT SLEEP TRACKING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. M SRIDEVI	Ms. AFREEN TAJ Mr. ABHISHEK	3,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	2,000.00
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	4,500.00
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	4,500.00
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	3,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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	5,500.00
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	4,000.00
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	5,500.00
237.	48S_BE_3463	EMOTION BASED MUSIC RECOMMENDATION SYSTEM USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. MAHALAKSHMI S	Mr. SHRI ADITHYA M	4,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	6,000.00
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	5,500.00
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	8,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
244.	48S_BE_0782	KCET PREPARATION APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANITHA N	Mr. SAHIT S Ms. VAISHNAVI S	4,000.00
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	2,000.00
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	5,000.00
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	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
253.	48S_BE_3921	PASSECCURE: 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	5,000.00
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	5,500.00
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	5,000.00
256.	48S_BE_5099	CRYSSENSE: 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	5,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	3,000.00
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	5,500.00
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	6,000.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

264.	48S_BE_4650	FABRICATION OF NEW PORTABLE AC WITH LOW COST EFFECTIVE	B.E.	MECHANICAL ENGINEERING	Prof. MAHARAJA GOWDA B	Mr. JASPER G Mr. KUMAR SWAMY T Mr. SANDEEP R M Mr. KARTHIK	5,000.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	5,000.00
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	4,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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.	2,500.00
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	3,500.00
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	3,000.00
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	2,500.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,000.00
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	3,500.00
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	4,000.00
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	4,000.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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.	4,000.00
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	4,000.00
285.	48S_BE_6388	INTELLIGENT VIDEO SURVEILLANCE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NIKITHA K. S	Mr. APOORVA JINDAL Mr. ABHISHEK SHARMA Mr. ANISH SHARMA Mr. SANKET	3,500.00
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 Mrs. SUNITHA M K	Mr. SIDDHAARTHA R Mr. SHASHANK K J Mr. SHREYAS J Mr. VAIBHAV M K	5,000.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00
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	3,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
301.	48S_BE_6363	AGRIDOCTOR - AIML BASED SOLUTION FOR AGRICULTURE NEEDS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHETHANA M Prof. PN	Mr. LOVELESH DEBNATH Ms. KIRAN K Ms. HRUTHIKA H P Ms. DHANYASHRI SHETTY	4,500.00
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	4,500.00
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	4,500.00
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	6,000.00
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	6,000.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,000.00
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	6,000.00
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	6,000.00
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	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 28. BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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 VEERABHADRRAIAH	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 30. BASAVAKALYAN ENGINEERING COLLEGE, BASAVAKALYANA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	6,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 32. BILURU GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL, BAGALKOT

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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. HIEMATH Ms. RAKSHITA J. HIEMATH Ms. ASHA S. KABADI Ms. PREETI P. MARDUR	4,500.00
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	4,500.00
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 HIEMATH Ms. SUSHMA R. KOVALLI	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	5,000.00
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. BHOO MIKA U Ms. MADHURI PAUDYAL	4,500.00
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	3,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	5,500.00
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	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,000.00
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	4,000.00
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	2,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	6,000.00
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	6,500.00
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	6,000.00
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	5,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,500.00
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	5,000.00
360.	48S_BE_5249	MEMS-BASED CAPACITIVE PRESSURE SENSOR: DESIGN AND OPTIMIZATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHAKILA D	Mr. SURYA R Ms. ROSHINI N Mr. SYED KAIF ULLA HUSSAINI Mr. V RITHIK VIMAL	5,500.00
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	5,000.00
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	7,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 37. CANARA ENGINEERING COLLEGE, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	4,500.00
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	5,500.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	5,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
371.	48S_MBA_0065	SANITARY PADS & DIAPERS USING BANANA AND ARECANUT FIBER ALONG WITH COCONUT PEAT	M.B.A	BUSINESS ANALYTICS AND H R	Dr. CHAITHANYA S Dr. M S RAJENDRA KUMAR	Ms. DEEPIKA S	4,000.00
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	4,500.00
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	4,500.00
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	5,000.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
378.	48S_BE_3849	UNMASKING DEEPPAKES: ADVANCED DETECTION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANOHAR M	Mr. ROSHAN GEORGE Mr. SEBIN ANTO PADINJAREKARA	5,000.00
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	5,500.00
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	4,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 41. CITY ENGINEERING COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 43. COLLEGE OF HORTICULTURE, BAGALKOT

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,000.00
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	6,500.00
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
391.	48S_BE_0557	WASTE COLLECTION AND WASTE SEGREGATION ROBOT WITH DUSTBIN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHRUTHY K N Prof. SHRUTHY K N	Mr. SUMITHRA N V Ms. KAVITHA C A Ms. POOJA M K	5,000.00
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	5,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 45. DAVANGERE UNIVERSITY, DAVANGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
394.	48S_MSC_0033	DESIGN AND DEVELOPMENT OF RECOMBINANT VACCINE FOR HUMAN PAPILOMA VIRUS USING IN-SILICO TOOLS	M.Sc	BIOTECHNOLOGY	Dr. PRABHURAJESHWAR Dr. NAVYA H M	Ms. DEEPA M K Ms. H HEMADARSHINI	6,500.00
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	6,500.00
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	6,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	3,500.00
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	4,500.00
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	5,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	5,000.00
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	4,500.00
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. VANAJAROSSELIN CHIRCHI Mrs. NAMITHA K Y	Mr. BASAVAKIRAN R Mr. BHARATH C Mr. DEVAN K GAONKAR Mr. GOWTHAM N	4,500.00
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	4,500.00
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	3,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	6,000.00
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	6,000.00
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	6,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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. BHOO MIKA J R Ms. SHREYA T S Ms. VIDHI V MANDOTH	6,500.00
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	5,500.00
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	5,500.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	2,000.00
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	4,000.00
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	4,500.00
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	2,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,000.00
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	4,000.00
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	2,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	3,000.00
436.	48S_BE_1208	SMART CONTROL OF TRAFFIC LIGHTS USING ARTIFICIAL INTELLIGENCE FOR DYNAMIC ROAD ENVIRONMENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. AMUTHA S Mr. SPARSH KESARI	Ms. VASUNDARA M.G Ms. ANITHA PRAKASH MUKKANAVAR Ms. VAISHNAVI Ms. SUPRIYA T.K	3,500.00
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	5,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
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	5,000.00
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 NINAWAWE	Ms. ANANYA SAUMYA Ms. AANCHAL TINGE Mr. VINAYAK V NAIR Mr. YALLALING BIRADAR	5,000.00
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 NINAWAWE	Ms. MANSI HATWAR Ms. MANASVI G KASHYAP Ms. ADITI AKUNDI Mr. SARVESH KULKARNI	5,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

445.	48S_BE_6202	IOT BASED AUTONOMUOUS AQUACULTURE SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. MEHARUNNISA S.P.	Mr. MOHAMMED MUSTAFA RAZA Mr. ABIJITH A.N.	5,000.00
446.	48S_BE_0014	DESIGN AND IMPLEMENTATION OF A SECURE BITCOIN HARDWARE WALLET	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SANDEEP K V Dr. IFFATH FAWAD	Mr. A R GAGAN Mr. BHARATH KUMAR REDDY M Mr. B AVANISH Mr. DILEEP V	4,000.00
447.	48S_BE_0060	BATTERY THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. C.JAYANTH Dr. SMITHA SASI	Mr. S M PRERAN PREETHAM Mr. SACHIN T Mr. PRAKASH V M Ms. SNEHA BHUSARE	5,500.00
448.	48S_BE_0075	N-BIT ALU USING CMOS FORCED TRANSISTOR STACKING	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SRIVIDYA B V Dr. SMITHA SASI	Ms. MANASI V VARMA Ms. NIDHI MUKESH Ms. ISHWARYA S Ms. KAVITA S	5,000.00
449.	48S_BE_0077	DESIGN OF MULTIPLIER USING COMPRESSORS AND CMOS LOGIC	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SANDEEP K V	Mr. VAMSHI V R Mr. SHISHIR D S Ms. SUPREETHA A S Ms. VARNA D SHETTY	4,500.00
450.	48S_BE_0145	CPU DESIGN USING VERILOG	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. IFFATH FAWAD Dr. SANDEEP.K.V	Mr. SKANDA.C Mr. SHREESHA BHAT Mr. RAMKUMAR R Mr. VRINDESH MALIK	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

451.	48S_BE_0254	CHLOROPHYLL - AN APP BASED PLANT MONITORING SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SMITHA SASI	Mr. RAHUL HARSH Mr. SHRAVAN KUMAR MANDAL Mr. SUVAM SHAW Mr. VIKASH ANAND	5,000.00
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	5,000.00
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	3,000.00
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	4,000.00
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	4,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,000.00
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. ANNA PURNA P PATIL Mr. RANJIT SANKARASUBRAMANIAN	Ms. YUKTHI R S Mr. NITHEESH C Mr. SATHVIK L BHAT Mr. RITHISH KUMAR PLG	4,000.00
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. ANNA PURNA P PATIL Mrs. BINDU BHARGAVI S M Mr. RANJIT SANKARASUBRAMANIAN	Mr. SHAMANTH K R Mr. SHRAVAN SUBHASH SHETTY Mr. SAYED N SHAIKH Mr. PRADEEP Y	3,500.00
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	6,500.00
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	7,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 48. DAYANANDA SAGAR UNIVERSITY, RAMANAGARA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	6,000.00
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	6,500.00
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	2,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,500.00
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 Mr. JASMITHA JK Mr. MATHEW JACOB Mr. NAINDEEP SINGH	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	5,000.00
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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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. DIPHA SHARMA Ms. HARINI S KULKARNI	4,000.00
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	4,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00
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	5,500.00
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	5,000.00
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	2,500.00
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	2,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	4,000.00
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	4,500.00
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	5,500.00
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 Ms. POORNIMA U	5,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
502.	48S_BE_2623	SYNCLLOUD	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JAGADEVI BAKKA	Mr. SUDARSHAN V Mr. THOMAS ANTONY S Mr. VIKAS B Mr. BABITH KP	4,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
512.	48S_BE_0769	AQUANEUBULA SMART WATER DISPENSER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHAGYA	Mr. NAVEEN S Mr. LALITH K Mr. NAVEEN R Mr. NAVEEN V	4,500.00
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	5,000.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	2,500.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

524.	48S_BE_0752	SMART IOT PANZER USING WIFI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIDHYA K	Mr. ROHAN P Mr. TEJAS M	3,500.00
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	3,500.00
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	4,000.00
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	5,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
529.	48S_BE_5442	RECYCLE 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	4,000.00
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	4,500.00
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	4,000.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,000.00
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	5,000.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,500.00
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	4,500.00
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	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,000.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00
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	5,000.00
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	5,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,000.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 57. G.M. UNIVERSITY, DAVANGERE

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	3,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 59. GARDEN CITY UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,500.00
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	6,000.00
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	4,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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	4,000.00
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	3,500.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,000.00
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	4,500.00
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	3,000.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
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	5,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	7,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	3,500.00
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	4,500.00
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	3,500.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,500.00
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	4,000.00
604.	48S_BE_4298	AR INDOOR NAVIGATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PATHANJALI C Dr. VIMUKTHA ES	Mr. RITESH GOWDA C Mr. YOGISHWAR N S Ms. RAKSHITHA C Ms. ROHINI P S	4,000.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,000.00
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	6,500.00
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	5,000.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	3,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 64. GOVERNMENT ENGINEERING COLLEGE, KARWAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	3,000.00
617.	48S_BE_5962	TRUSTCHAIN GOVERNANCE : 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	4,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
622.	48S_BE_0332	SECURE VISION: INTEGRATED ANTI-SPOOFING AND DEEPPAKE 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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,000.00
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	4,500.00
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	5,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00
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	4,000.00
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	4,000.00
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 ARAI Mr. SERIKAR KARTHIK Ms. SUSHMA	3,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,500.00
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	2,500.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,000.00
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	4,500.00
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 LAKKANAVAR Mr. YASHAWANTH K C	4,000.00
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	4,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	2,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 69. HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAIVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	7,500.00
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. HIEMATH Mr. SAMEER M. MAKANDAR Mr. GOUTAM N. BONGALE Mr. SUPREET G. HEDDURSHETTI	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,500.00
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	5,500.00
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	5,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	6,000.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,000.00
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	3,000.00
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	3,000.00
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	3,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	6,000.00
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	6,000.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	6,000.00
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	6,000.00
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.	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,000.00
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	3,500.00
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	3,000.00
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.	2,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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. JANAYA B M	5,000.00
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	5,000.00
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	5,000.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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	4,500.00
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	5,000.00
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	4,000.00
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	7,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 75. JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGA AVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
701.	48S_BE_2487	DETECTION, CLASSIFICATION & CHARACTERISTICS 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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 76. JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD

SI. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,000.00
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	2,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,000.00
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	4,000.00
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	3,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
718.	48S_BE_3766	WEBSSENTINEL - 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	3,500.00
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	3,500.00
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	2,500.00
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	4,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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. IRSHADAHMAD NAZEERAHEMAAD NAVALGUND	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 77. JAIN COLLEGE OF ENGINEERING, BELAGAARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,000.00
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 GAYALI Mr. RAKESH S MIRJE	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,000.00
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	3,000.00
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	4,000.00
732.	48S_BE_0439	ROBOTIC PRECISION AUTOMATING THE BIFURCATION PROCESS OF BLOCKS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. PRIYANKA KOTHAVALA	Mr. SHUBHAM DHAMANEKAR Mr. VINIT VILAS SAINUCHE Mr. VITTHAL ATAWADKAR Mr. PRAJWAL ITI	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	5,500.00
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	3,500.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	7,000.00
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	4,500.00
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	6,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	3,000.00
745.	48S_BE_5526	MEDIFLASH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. LATHARANI T R	Mr. SUHAIL AKTHAR K	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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. AMARANA L Mr. DARSHAN S	4,500.00
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	3,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	4,500.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00
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	3,500.00
763.	48S_BE_1615	AUDIOVERITAS : A MACHINE LEARNING APPROACH TO DETECT DEEPPAKE AUDIO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GANA VI M	Mr. SHASHANK R R Mr. S VARUN Mr. SANKETH SALANKE R Mr. VISHAL S NAVALE	4,000.00
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	3,500.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,500.00
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	4,000.00
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	4,500.00
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	3,500.00
773.	48S_BE_1941	OPTIMIZED 2-BIT VCO DESIGN FOR MULTIBAND WIRELESS COMMUNICATION APPLICATIONS USING CADENCE TOOLS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHWETHA H R	Mr. TARUN M Mr. VINEETH K Mr. RAGHU A T Mr. SACHIN M	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

774.	48S_BE_1954	RAILWAY TRACK CRACK DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARATH S M	Mr. CHETAN GURUMATH Mr. JNANESH V C Mr. BHARATH V M	4,500.00
775.	48S_BE_2723	COAL MINE SAFETY BASED ON WIRELESS COMMUNICATION NETWORK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. NALINA S B Mrs. UJWALA B S	Mr. KESHAV S SINDHE Mr. K BHASKAR Mr. DEEKSHITH H S Mr. JEEVAN P	4,500.00
776.	48S_BE_2912	AUTOMATED BIRD SPECIES IDENTIFICATION USING AUDIO SIGNAL PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SUMATHI K	Ms. S ANUSHA Ms. SINDHU H B Ms. NITIKSHA C JAIN Ms. PRATBIMA B K	4,500.00
777.	48S_BE_1871	"CLEVER COMMUTE" - AUTONOMOUS VEHICLE FOR SMART MOBILITY AND PUBLIC SAFETY	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. ASHWINI S R	Mr. SHREENANDA S Ms. PRUTHWI BHAT Ms. VAISHNVAI S Ms. VANDANA R	5,000.00
778.	48S_BE_2806	WAR FIELD ROBOT WITH NIGHT VISION CAMERA	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. MADHUKAR C S	Ms. MEGHASHREE N K Mr. SUDEEP B M	4,500.00
779.	48S_BE_2864	AERODROP: THE FUTURE OF DRONE DELIVERY	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. MADHUSUDHAN G	Ms. RIMSHA TARANNUM A Ms. ADEEBA LARAIB Ms. JAVERIYA SIKANDAR Mr. SYED INSHAAZ	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

780.	48S_BE_2919	BOMB DETECTION AND DISPOSAL USING AN AUTONOMOUS ROVER WITH ROBOTIC ARM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SHASHI KIRAN S	Ms. ANISHA M Ms. PRATHIKA K Ms. VDIYA D RAIKAR Ms. YASHASWI K S	4,500.00
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	4,500.00
782.	48S_BE_2749	FACE-ANTISPOOFING 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	4,500.00
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	6,000.00
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	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	3,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00
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	6,500.00
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	6,000.00
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	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	6,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
800.	48S_MSC_0089	GRADEPERT- 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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 84. K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	3,500.00
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	3,500.00



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Website: [www.kscst.org.in](http://www.kscst.org.in), <https://kscst.karnataka.gov.in> || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652,2334 8848/49/40

## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

809.	48S_BE_5276	DEEPPAKES 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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	6,000.00
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	6,000.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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 DENG Mr. SAMMED BADOORE	7,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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.	3,500.00
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	4,000.00
821.	48S_BE_1142	DESIGNING RAPID SAND FILLTER BY USING COCONUT SHELL AND RICE HUSK FOR THE TREATMENT OF CHIKKODI MUNICIPAL WATER	B.E.	CIVIL ENGINEERING	Prof. SHANKARGOUDA B PATIL	Ms. SHIVARANJINI MAGADUM Ms. SAMSKRUTI MAISHALE Mr. MAHANTESH AJETRAO Mr. SUPRITH B M	4,000.00
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	3,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
824.	48S_BE_0259	E-INSURANCE USING BLOCKCHAIN TECHNOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GURUNANJIAH R KEMBHAVIMATH Prof. GURUNANJIAH R KEMBHAVIMATH	Ms. SHILPA V VASANAD Ms. SOUMMYA Ms. SANSKRUTI GANIGER Mr. SHARANU KAMBI	2,500.00
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	3,000.00
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	3,500.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00
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	4,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 88. K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAABI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	4,500.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,000.00
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	4,000.00
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	4,500.00
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,500.00
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	4,500.00



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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	4,000.00
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 M SAMMASAGI Mr. VIJET L NAIK	4,000.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	3,500.00
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	4,000.00
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	4,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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.	3,000.00
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	5,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	2,000.00
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	3,000.00
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	3,000.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	7,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	7,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	6,000.00
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	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 99. LINGARAJAPPA ENGINEERING COLLEGE, BIDAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,500.00
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	5,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
913.	48S_BE_5252	DESIGN, DEVELOP AND NEMERICAL SIMULATION OF MEDIUM CATEGORY UAV PROPELLER FOR HIGH ALTITUDE OPERATION	B.E.	AEROSPACE ENGINEERING	Mr. RAJASHEKHARAREDDY H G Mr. SHAIK BEPARI MOHMMED KHAJA MOINUDDIN	Mr. ADITYA JADHAV	6,500.00
914.	48S_BE_5952	DRONE-BASED RF COUNTERMEASURE SYSTEM FOR NAVAL MISSILE DEFENSE	B.E.	AEROSPACE ENGINEERING	Mr. RAJASHEKHARAREDDY H G	Mr. M ARUN PRASATH Mr. N LATHIESH Mr. POUSHIK D Mr. SANDEEP G	6,500.00
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	6,500.00
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,500.00
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	5,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

927.	48S_MBA_0207	A STUDY ON THE CHALLENGES 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	4,500.00
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	5,000.00
929.	48S_BE_3777	DESIGN AND DEVELOPMENT OF LOW COST 3D SCANNER TO DEVELOP POINT CLOUDS FOR ASSISTING IN PRE-SURGICAL ANALYSIS	B.E.	ROBOTICS AND AUTOMATION	Prof. SACHIT T S	Mr. SAGAR G M Mr. MAYUR P Mr. VINOD PATTAR Mr. KISHOR G	5,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

934.	48S_BE_3514	DESIGN OF HIGH EFFICIENT DIELECTRIC RESONATOR ANTENNA INSPIRED 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	4,000.00
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	4,500.00
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	4,500.00
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	4,000.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	2,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 106. MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN, AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
947.	48S_BE_1328	SUSTAINABLE PHOTO CATALYTIC TREATMENT OF HOSPITAL WASTEWATER USING GREEN SYNTHESIS OF TIO <sub>2</sub> 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	5,000.00
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	4,000.00
949.	48S_BE_5686	DESIGN AND ANALYSIS OF A PHOTONIC CRYSTAL-BASED BIOSENSOR INTEGRATED WITH MACHINE LEARNING FOR HUMAN PAPILOMAVIRUS 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	4,500.00
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	4,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,000.00
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	3,500.00
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	4,000.00
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	3,000.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,500.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,500.00
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	3,500.00
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	3,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
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	3,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	4,000.00
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	2,500.00
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	3,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	3,000.00
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	5,000.00
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	5,500.00
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	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 109. MANGALORE UNIVERSITY, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	7,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	7,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	2,500.00
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	3,000.00
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	4,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	3,500.00
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	4,500.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	1,500.00
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	5,500.00
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	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1006	48S_MSC_0322	ISOLATION AND CHARACTERIZATION OF A PLASTIC DEGRADING MICROBE FROM INSECT GUT	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. SWATHI LAKSHMI	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,000.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00
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	4,000.00
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	4,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,500.00
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	3,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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.	4,500.00
1031.	48S_BE_0896	AN IMPROVED MACHINE LEARNING ALGORITHM 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	4,500.00
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	3,000.00
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	3,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	3,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	3,500.00
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	3,500.00
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	3,500.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 118. NAGARJUNA DEGREE COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	3,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	2,500.00
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	2,500.00
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	2,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	2,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,000.00
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	3,000.00
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	3,000.00
1053.	48S_BE_0676	E-CONSULT PLUS ENHANCING HEALTHCARE ACCESSIBILITY AND EFFICIENCY THROUGH TELEMEDICINE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SHRAVYA SHETTY Prof. THANU DEEPU GEORGE	Mr. AJAY KRISHNA A Mr. JAYANTH S S	3,000.00
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	3,500.00



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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	3,500.00
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	3,500.00
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	3,500.00
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	3,000.00
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	4,500.00
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	4,000.00
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	4,000.00



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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	3,500.00
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	3,500.00
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	4,000.00
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	4,000.00
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. KAPOPORA HARSH MAHESHBHAI Ms. K VINISHA	4,500.00
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	4,500.00





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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	1,000.00
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	1,500.00
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	3,000.00
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	2,000.00
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	3,000.00
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	2,000.00
1074.	48S_BE_1085	EDUCATION LOVE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SENTHIL ANANDHI	Ms. YARRAGUNTA UNNATHI Mr. VELUVOLU KALYAN RAM	2,500.00



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1075.	48S_BE_1641	REBUILDING LIFE - THE PROMISE OF RE-GENERATIVE 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	2,500.00
1076.	48S_BE_2016	AR- BASED REAL TIME LANGUAGE TRANSLATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. YOGITA	Mr. V RAHUL Mr. MOHAMMED AYMAN	2,500.00
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	3,500.00
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	1,500.00
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	2,500.00
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	2,500.00



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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	2,000.00
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	2,000.00
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	3,000.00
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	3,500.00
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	2,000.00
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	2,000.00
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	2,000.00



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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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	4,500.00
1094.	48S_BE_2056	PROACTIVE VEHICLE SAFETY AND CONTROL SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. MAHENDRA S NAIK	Mr. NIKHIL H L Mr. MANOJ GR	4,500.00



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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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	3,000.00
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	4,500.00
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	4,500.00



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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	4,000.00
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	4,000.00
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	4,500.00
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. SPOORTHY R	4,000.00
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	4,500.00
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	4,500.00



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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	5,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00





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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.	5,000.00
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	4,500.00
1121	48S_BE_2559	AUTOMATED DETECTION 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	4,500.00
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	4,000.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,000.00
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	4,000.00
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	4,000.00
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	4,000.00
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	4,500.00
1130.	48S_BE_5267	WEED DETECTION 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	4,500.00



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### List of Student Project Proposals Approved for Sponsorship

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. YOGEEESH S G Mr. MANU ASHOK HEGDE Mr. SHIVAKUMARA G A	3,000.00
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	3,000.00
1133.	48S_BE_2039	AUTONOMOUS HOLONOMIC MOBILE ROBOT FOR INDOOR APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANUPAMA SINDGI Prof. PRASHANTH N	Mr. TARUN SRIDHAR Mr. PRUTHVI D	4,500.00
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	5,000.00
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	4,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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.	4,500.00
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. PRASANNA PAGA	Ms. MEDHA K M Mr. MAHESH NAIK L Mr. MANOJ R	2,500.00
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	4,500.00
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	3,500.00
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	4,500.00
1143.	48S_BE_6445	LIQUID NEURAL NETWORKS FOR AUTONOMOUS DRIVING: A FRAMEWORK FOR INTELLIGENT DECISION-MAKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. HARSHITHA GM Dr. L. HARISH KUMAR	Mr. VISMAYA DEVASHYA Mr. SAMAN MALLIKARJUN M Ms. YASHASWINI SURESH	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	3,500.00
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	3,500.00
1148.	48S_MBA_0150	FOOD WASTE MANAGEMENT	M.B.A	M.B.A	Dr. RAGHU G	Mr. BASAVARAJ IRANTAYYA SWAMI	3,000.00
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	3,000.00
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	3,500.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 122. P.A. COLLEGE OF ENGINEERING, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
1154.	48S_BE_3824	ROBOMIGO: CAMPUS NAVIGATION AND INFORMATION ASSISTANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. JALALUDEEN Dr. MOHAMMED HAFEEZ M K	Mr. MOHAMMED AHRAZ Mr. MUHAMMAD ANWAR A K Mr. MUHAMMAD MUHSIN SHAREEF P L Mr. MOHAMMED SHAFEEQUE	4,000.00
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.	4,500.00



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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	4,500.00
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	4,500.00

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### List of Student Project Proposals Approved for Sponsorship

#### 123. P.D.A. COLLEGE OF ENGINEERING, KALABURAGI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	4,000.00





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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. JAYASHREEAGARKHED	Mr. NIDHISH Mr. AKHILESH Mr. MANOJKUMAR	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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### List of Student Project Proposals Approved for Sponsorship

1169.	48S_BE_6207	FOOTSTEP POWER GENERATION USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHANTLING PATIL	Ms. RAKSHITA Ms. PREETI SUTAR Ms. SHREELATA S BIRADAR Ms. ZEBA SULTANA	4,000.00
1170.	48S_BE_6442	SMART ECG ANALYSIS AND HEART CONDITION DETECTION USING AI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. GANGADHAR S. BIRADAR	Mr. ANKIT Mr. CHANDRASHEKHAR Mr. BHIMASHANKAR Mr. MAHADEVAPPA	4,000.00
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	4,500.00
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	5,000.00
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	5,500.00
1174.	48S_BE_4453	REGENARATIVE BREAKING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. SHIVKUMAR BILGUNDI	Mr. KARUNASAGAR Mr. NIKHIL PAWAR Mr. SOMANATH Mr. SAGAR	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

1175	48S_BE_4722	AGRICULTURE SEEDING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. BHARAT S. KODLI	Mr. TALHA EHTESHAM CHOUHRY Mr. MOHAMMED NASIR HUSSAIN Mr. MOHAMMED TALHA	6,000.00
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	6,500.00
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	5,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 124. P.E.S. COLLEGE OF ENGINEERING, MANDYA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1180.	48S_MCA_0170	VEHICLE DETECTION USING PYTHON	M.C.A.	COMPUTER APPLICATIONS	Prof. B M BHAVYA	Ms. KAVYA C Ms. AISHWARYA M	3,500.00
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	4,000.00
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	4,000.00
1183.	48S_MCA_0195	ONLINE VOTING SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. H P MOHAN KUMAR Dr. H P MOHAN KUMAR	Ms. SINCHANA K R Ms. CHANDANA T R	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	6,500.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,500.00
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	4,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	2,500.00
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	3,500.00
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	2,500.00
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	3,000.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 128. PRESIDENCY UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	3,000.00
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	4,000.00
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	4,000.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	3,500.00
1215.	48S_MCA_0199	COMBATING DEEPFAKE VIDEOS WITH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	M.C.A.	COMPUTER APPLICATIONS	Dr. RAJANI NARAYAN Dr. N P KAVYA	Mr. DARSHAN N Ms. AMULYA C P Ms. RAMYASHREE K V	4,500.00
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	4,500.00
1217.	48S_BE_6053	SMART WIRELESS EV CHARGING STATION WITH SELF AUTONOMOUS LINE FOLLOWING AND SELF DETECTING CHARGE NODES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SURESH D Mr. SREENIVASA BABU M O	Ms. ANANYA H S Ms. CHANDANA S Ms. D BHAVANA Mr. DHANUSH R	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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1218.	48S_BE_6089	LOW COST INDIGENOUS SMART PLASTIC WASTE COLLECTOR MACHINE SWABHAV	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VIPULA SINGH Dr. LEENA CHANDRASHEKHAR	Mr. BALAJI P V Mr. PRANAVA PANDIT R	5,000.00
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	4,000.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,500.00
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	4,000.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

1226.	48S_BE_3121	ANDROID STREAMING MICRO QUADCOPTER WITH OBSTACLE DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANSHU DEEPAK	Mr. AMAN KUMAR GUPTA Mr. PUDIPARTHI SUHAS SOMNATH REDDY Ms. SHRADHA S KALYANIMATH Mr. MANJUNATH SANGAPPA MANINAGAR	4,500.00
1227.	48S_BE_4005	RTOS IMPLEMENTATION FOR AGRICULTURE FIELD MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. UMESH G B	Ms. BHAVANA K Mr. CHARAN M Mr. SHRIVARDHAN P Mr. BASANAGOUDA DANDAPPAGOUDA NAGARAL	4,500.00
1228.	48S_BE_4141	IOT BASED RIDER HEALTH MONITORING SYSTEM FOR SAFETY AND SECURITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PARIMALA GANDHI G	Ms. NIMISHASRI RAVALLI V Ms. AKSHATA ANJUTAGI Ms. HAMEERA SADIYA	4,500.00
1229.	48S_BE_6294	INTEGRATION OF ION THRUSTERS WITH SWIVEL NOZZLE AS THRUST VECTOR CONTROL	B.E.	MECHANICAL ENGINEERING	Dr. CHANNABASAVRAJ.S Dr. AMARNATH.G	Ms. SHRISTEE YADAV Mr. ABHINAV ARYAL Mr. LOGESHWARAN P Mr. KALLOL ROY	5,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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 HOLAGANAVAR Mr. AFTAB KUDARI	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	5,500.00
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	4,000.00
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	5,000.00
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	4,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1240	48S_BE_0716	BLOCKCHAIN-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	4,000.00
1241	48S_BE_2694	SMART SCHOOL SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. GIRISH KUMAR BC	Ms. KAVYA HM	4,500.00
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	4,000.00
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	7,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 136. RAICHUR UNIVERSITY, RAICHUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
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	5,000.00
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	5,000.00
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	5,500.00
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,500.00
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	4,500.00
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	4,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	2,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,000.00
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. JANAYA V Ms. NEEHA RITVIKA MANDAVA Mr. C S PARTHASARATHY	5,000.00
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	5,000.00
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. DIVYASHRI G Dr. T P KRISHNA MURTHY	Ms. HARINI HUTTI Ms. LIKITHA V Ms. MADDURI VENKATA LALITHA PRASANNA Ms. MAHIMA E D	5,000.00



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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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	6,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 141. RANI CHANNAMMA UNIVERSITY, BELAGAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 142. RAO BHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 143. REVA UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	6,000.00
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	4,500.00
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	5,000.00
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	5,000.00
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	5,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
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	5,000.00
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	5,000.00
1287.	48S_BE_4935	BIOFILTRATION 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	4,500.00
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	4,500.00
1289.	48S_BE_5206	THE STUDY ON RECLAIMED AGGREGATE	B.E.	CIVIL ENGINEERING	Prof. PRASHANTH.N	Ms. POOJA.V Mr. BUSHITRAJ.M S Mr. MOHAMMED ZAIN Mr. KARTIK P PATIL	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
1291.	48S_BE_5174	SUSTAINABLE MANAGEMENT OF DAIRY WASTEWATER BY USING ELECTROCOAGULATION METHOD FOR SOIL REMEDIATION AND WATER QUALITY	B.E.	CIVIL ENGINEERING	Prof. PRASHANTH N	Ms. G.TEJASWINI Mr. M. VIVEK PATIL Mr. SAGAR GOWDA A Mr. VIGNESH R	4,500.00
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	4,500.00
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	4,000.00
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	2,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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	4,500.00
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	5,000.00
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	5,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	4,500.00
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	4,000.00
1314.	48S_MBA_0210	JALA BANJEEVIKI - SAVING WHAT'S LEFT FOR WHAT'S NEXT (EVERY DROP COUNTS)	M.B.A	M.B.A	Dr. THAMOTHARAN Ayyavu	Mr. SANTHOSH KUMAR K Ms. AKSHAYA K Ms. RAKSHITHA D Ms. SHALINI KIRTHI C	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

1315	48S_MBA_0198	SURAKSHITA CHALANE - SMART VEGA NIYANTRANA PRANALIKE	M.B.A	M.B.A	Dr. NANTHINI. M Mr. VINUMON. VS	Mr. THIMMAIAH KK Ms. KEERTHANA R Ms. SWAPNA SHARMA	3,500.00
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	4,500.00
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.KAMISSETTI Ms. BHUVANA SHREE . S	4,500.00
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	4,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
1321.	48S_BE_0378	GREEN SYNTHESIS OF NANOMATERIALS FOR CO2 CAPTURE	B.E.	CHEMICAL ENGINEERING	Dr. LOKESHWARI N Dr. KESHAHA JOSHI	Ms. K N BINDU Ms. SAKSHI BANASODE Ms. SAMPREETA GUDI Ms. SONALI POKHARKAR	4,000.00
1322.	48S_BE_0403	HYBRID ELECTRO-CHEMICAL COAGULATION PROCESS FOR WASTEWATER TREATMENT	B.E.	CHEMICAL ENGINEERING	Dr. KESHAHA JOSHI	Mr. PREETHAM P BHUTE Mr. ALFAZ AHMED BT Mr. SHARAN S Mr. MALLIKARJUN P S	5,500.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	2,500.00
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	5,000.00
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	5,500.00
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	4,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1337	48S_BE_2117	DEVELOPMENT OF AN OFFLINE VOICE CONTROLLED WHEELCHAIR FOR DISABLED 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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,000.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 149. S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAABI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	5,500.00
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 Ms. LAXMI ISHWAR NAIKAR Mr. ALFAZ K SHARIF Mr. AYAN MANNURKAR	5,500.00
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	4,500.00
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	4,500.00
1351.	48S_BE_1133	AUTOMATIC BUS FARE COLLECTION SYSTEM WITH LOCATION 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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 150. S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,500.00
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	4,500.00
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. BHOO MIKA S Ms. GAGANA J K	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 151. S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	5,000.00
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	4,500.00
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	5,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
1373	48S_BE_1275	BLOOD BLOCKAGE DETECTING DEVICE USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANITHA C Dr. S BHARGAVI	Ms. SANGEETHA V Ms. SHUBHA D Ms. SAMEEKSHA R Mr. N LAKSHMI AVINASH	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	3,500.00
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	3,500.00
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	4,000.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 152. S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
1386.	48S_BE_0237	AGRICULTURAL EQUIPMENTS RENTAL SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAMESH B E	Mr. CHANNABASIAH M M Ms. AHALYA S Mr. AMRESHA Mr. MANJUNATH HATTARAKI	3,500.00
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	4,000.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 153. SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	4,000.00
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	4,500.00
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	4,500.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
1406	48S_BE_0096	DEVELOPMENT OF WEARABLE SEIZURE DETECTION DEVICE FOR EPILEPSY MANAGEMENT USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RITESH PAKKALA P.	Mr. SHREEKARA B Mr. PRADYUMNA P Mr. HEMANTH B G Mr. KEERTHI PRASAD KALLURAYA M	4,500.00
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	3,000.00
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	4,000.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	3,500.00
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	4,000.00
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	5,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
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	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	3,500.00
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	4,500.00
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	3,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,000.00
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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,000.00
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	3,500.00
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	4,500.00
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	3,000.00
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	3,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	3,500.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	3,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	5,500.00
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	6,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	3,500.00
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	3,500.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1456.	48S_BE_3627	REMEDICATION 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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 160. SHARNBASVA UNIVERSITY, KALABURAGI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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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	6,000.00
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	5,000.00
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	5,000.00
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	6,000.00
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	5,500.00
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	7,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
1480.	48S_BE_3607	INTELLIGENT SYMPTOM BASED HEALTH ADVISOR(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	4,500.00
1481.	48S_BE_5100	ELECTRICITY PRODUCTION USING BIOGAS FOR RURAL AREA	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. GURURAJ SAJJAN	Ms. SNEHA	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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 JOGI Dr. RANJAN KUMAR .H	Ms. K VAISHNAVI BHAT Ms. ANANYA SHETTY Mr. K ANEESH BHAT Ms. NIDHI PATKAR	4,000.00
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	3,500.00
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	4,500.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,500.00
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	3,500.00
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	5,000.00
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	3,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	4,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	4,500.00
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	4,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	7,000.00
1506.	48S_BE_4096	IOT MINING TRACKING AND WORKER SAFETY HELMET	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. THRISHA V S	Ms. BHOO MIKA N B Mr. ARHITH Ms. ARYA A Mr. NIKHIL SHASTRY	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 167. SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG

SI. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	3,500.00
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	4,500.00
1511	48S_BE_4352	GEO THERM 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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	3,500.00
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	3,500.00
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	4,500.00
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	6,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,500.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	7,500.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	5,000.00
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. GANA VI V L Ms. NAGASHREE K P Ms. PRATHIBHA G K	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,000.00
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	4,500.00
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	4,000.00
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	3,500.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

1536.	48S_BE_6085	FETAL DISTRESS INSIGHTS FROM CARDIOTOGRAPHY 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	3,000.00
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	4,500.00
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	4,500.00
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	3,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,000.00
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. RAGHAVENDRA G Mr. THARUN C GOWDA Mr. UMASHANKARA	4,500.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,500.00
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	3,500.00
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	7,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	3,500.00
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	3,500.00
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	3,500.00
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	3,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	3,500.00
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	4,500.00
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	4,500.00
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. YUGESHA R Mr. YASHWANTH K	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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. BHOO MIKA V G Ms. MOKSHASHREE M N Mr. MOHAMMED SHANSHAD R	6,500.00
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	5,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	5,500.00
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	4,500.00
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	4,000.00
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	4,500.00
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	2,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	3,500.00
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	4,500.00
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	4,500.00
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	3,500.00
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	3,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00
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	4,500.00
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	4,500.00
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	7,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
1589	48S_MSC_0049	COMPUTATIONAL INVESTIGATION OF BRAIN AGING: PHYSIOLOGICAL CHANGES, SIGNALING PATHWAYS, AND STRATEGIES FOR ENGINEERED NEGLIGIBLE SENESENCE (SENS).	M.Sc	BIOINFORMATICS	Dr. HEMALATHA N	Ms. STUTI MAZGAONKAR	5,500.00
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	5,500.00
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	3,500.00
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	3,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,000.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	5,500.00
1603.	48S_BE_5037	DESIGN OF A HOT AND COLD WATER DISPENSER UNIT BY UTILIZING WASTE HEAT RECOVERY 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	6,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 178. SURANA COLLEGE AUTONOMOUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 180. TERESIAN COLLEGE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,000.00
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	6,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	5,500.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,500.00
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	6,000.00
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	6,500.00
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	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 188. UNIVERSITY OF MYSORE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	6,000.00

**Note:** The project batch not carrying out the project





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,000.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 190. VEERAPPA NISTY ENGINEERING COLLEGE, YADGIR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	4,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. Please acknowledge in the Project Completion Report.



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	5,000.00
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	4,500.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
1651.	48S_BE_4822	BRAIN CONTROL WHEEL CHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DHARSHAN BG Prof. MANJUNATHA B	Ms. BI BI HAJIRA Mr. AMRUTH GOWDA MR Ms. MAMATHA D Mr. SHASHANK KA	6,500.00
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	4,000.00
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	5,000.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	5,500.00
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	5,500.00
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	5,500.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	4,500.00
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	5,000.00
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	4,500.00
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	3,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	5,000.00
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	4,500.00
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	4,000.00
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	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
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	3,500.00
1674.	48S_BE_3978	JEEVANS - 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	5,000.00
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	4,500.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,500.00
1679.	48S_BE_0498	ALZHEIMERS DISEASE DETECTION USING EEG SIGNALS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NOOR FATHIMA F Dr. MOHAMMED MUDDASIR	Ms. MANASA R K Ms. AISHWARYA H R Ms. K M NEHA MAIMUNA Ms. KUSHI R	4,500.00
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	3,500.00
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	4,500.00
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	4,500.00
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. HANSA G N Ms. NISCHITHA H Ms. CHANDANA R Mr. DARSHAN M	4,500.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

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	4,000.00
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	4,500.00
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	6,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 194. VIJAYA COLLEGE, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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.BASAVARAJIAH	Ms. SOWBHAGYA Ms. KOMALA G.K Mr. MOHAMMAD IBRAHIM PASHA	6,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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 Prof. BASAVARAJ HATTI	Ms. GEETHA K S Ms. MUSKAN AYISHA M Ms. NANDINI B K Ms. KARIBASAMMA N	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 196. VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAIVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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	5,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,000.00
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	4,500.00
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	4,500.00
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	4,500.00
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	4,500.00





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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	3,500.00
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	4,000.00
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	4,000.00
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	5,500.00
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	5,500.00
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	8,000.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 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)	AMOUNT SANCTIONED (Rs.)
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	4,500.00
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	4,500.00
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	4,500.00

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### List of Student Project Proposals Approved for Sponsorship

#### 199. YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
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 DEVAIDIGA Mr. MOHAMMED ABRAAR Mr. SHEIK MOHAMMED SUHEL Mr. MOHAMMED SHANAWAZ	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00



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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

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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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	5,000.00
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	6,500.00

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