

**KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**  
INDIAN INSTITUTE OF SCIENCE CAMPUS, BANGALORE - 560012

**47<sup>th</sup> SERIES OF STUDENT PROJECTS PROGRAMME : 2023 - 2024**

**LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP**

**Important : Please read the guidelines to carryout the project.**

**The following are the guidelines to carryout the project work:**

- a. The project shall be performed based on the objectives of 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 30th June 2024.**

**The link for updating the Project Completion Report is : <https://forms.gle/Mi446v1U5fdFcMD99>.**

**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.**

The Synopsis and Project Completion Report softcopy must be named with Reference ID provided by KSCST (Eg: 47S\_BE\_0001\_Synopsis or 47S\_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.

- c. 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
- d. **Important:** KSCST will be conducting mid-term evaluation of projects during third week of May 2024 onwards through online mode. It is necessary to send 2 to 3 page write-up in MS Word format. (synopsis needs to be sent by uploading the synopsis of your project in the Google Form. The link for updating the synopsis is <https://forms.gle/6s8hq5XbScsBMv3G9> 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 Students & 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).
- e. Projects for state-level Seminar / 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.**

**Note:**

**It is noticed that few institutions has not submitted the utilisation certificate and statement of expenditure (UC / SE) for the amount released under 44<sup>th</sup> series, 45<sup>th</sup> series and 46<sup>th</sup> series of SPP. Hence, the amount will not the 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> and 46<sup>th</sup> Series Student Project Programme as on date is published in this link.**

**Other Guidelines / information**

- The sponsored projects evaluation will be held in Online mode (During May / June 2024) and will be intimated to the SPP Co-ordinators and project team leaders.
- 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 to the institution 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 upladed in the Google Form. The link of the Google Form is given above. Last date for uploading the PCR is 30th June 2024.
- 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 (During August 2024).**



[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

Email: anjani@kscst.org.in

## 47<sup>th</sup> Series of SPP (2023 - 2024)



### LIST OF PROJECT PROPOSALS APPROVED FOR SPONSORSHIP UNDER 47<sup>th</sup> Series of SPP

[Click here to view sponsored project details \(pdf format\) with NEFT Transaction details for the released amount.](#)

**Note:** Kindly be informed that KSCST has not released the sanctioned amount to certain institutions in the above list. This is due to the pending submission of the utilization certificate and statement of expenditure from previous years.

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# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 1. 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.)
1.	47S_BE_5390	FABRICATION AND MATERIAL CHARACTERIZATION OF SAMANEA SAMAN FRUIT FOR AEROSPACE APPLICATIONS	B.E.	AEROSPACE ENGINEERING	Dr.R. MUKESH	Ms. K. R. SANJANA Ms. GEETA N NAIK Ms. NAYANA C. NAIK Ms. MEGHA A. PATIL	7,000.00
2.	47S_BE_3813	PREGNANCY MONITORING SYSSTEM USING GSM MODULE	B.E.	BIOMEDICAL ENGINEERING	Dr. P. BHUVANESWARI	Mr. ASHWIN JERRY Ms. LAKSHMI PRIYA C. Ms. PRATHEEKSHA N. Mr. PAWAN MASUTI	4,500.00
3.	47S_BE_5177	IOT BASED AQUACULTURE MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SANDHYARANI	Ms. RACHITHA C Ms. POOJA CHIGADANI Ms. R. RISHMA SAI Ms. SWAPNA K.	5,500.00
4.	47S_BE_4673	BIOMETRICALLY SECURED ATM SURVEILLANCE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SHARATH BABU C. G.	Mr. HEMANTH KUMAR K. B. Mr. ABHISHEK S. PATIL Ms. MOULYA H. T. Ms. PRATHIKSHA C. S.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
A.C.S. COLLEGE OF ENGINEERING, BENGALURU	15-05-2024	NEFT Dr-P136240322802638-ACS COLLEGE OF ENGINEERING-ICIC0002637	22500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 2. 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.)
5.	47S_BE_2484	INDUSTRIAL WASTE WATER TREATMENT BY USING NATURAL ADSORBENTS	B.E.	CIVIL ENGINEERING	Prof. VIJAYLAXMI M. SHANBHAG	Mr. RAHUL K. Mr. VENKATESH M. H. VINAYAK J Mr. VINOD KUBIHAL	5,000.00
6.	47S_BE_5169	IOT BASED FOOD QUALITY DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MOHAMMED ASIF RAIBAG	Ms. MEHWISH MOKHASHI Ms. TAHSEEN NADAF Ms. KAJAL KUMARI	5,000.00
7.	47S_BE_5404	PRATIKSANTI : SAFEGUARDING LIVES WITH LIVER CANCER DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAMESH N. KOPPAR	Ms. D. G. VASAVI Ms. NAYANA VEERENDRA PURADAL Ms. SRUSHTI VIJAYKUMARGOUD PATIL	5,000.00
8.	47S_BE_2191	WATER PURIFICATION USING NATURAL INGREDIENTS	B.E.	MECHANICAL ENGINEERING	Mr. RATHOD CHAMARAJ	Mr. MANOJ KATHARE Mr. NAVEEN MADIWALAR Mr. GANESH INGALE Ms. GURUDEV S. M.	4,000.00
9.	47S_BE_2417	AUTOMATIC LPG GAS LEAKAGE DETECTION WITH CYLINDER VALVE OFF SYSTEM	B.E.	MECHANICAL ENGINEERING	Mr. K. S. SHREEHARSHA	Mr. IRANNA BADIGER Mr. ROHAN BALAKUNDI Mr. ABHISHEK SAJJAN Mr. DEVENDRA G. HOSAMANI	5,500.00

**Note:** We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 3. 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.	47S_BE_1578	HAND TO HEART: AI-DRIVEN TRANSLATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SNITHA SHETTY Mr. STANLEY P D'SOUZA	Mr. NISHANTH Ms. MOUNA R. R. Ms. PRAJNA P. Ms. SUSHMA MALLESH KAIKAD	5,000.00
11.	47S_BE_1762	360-DEGREE FEEDBACK SOFTWARE FOR THE GOVERNMENT PRESS INFORMATION BUREAU(PIB) USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANTONY P. J. Mrs. ASHWITHA A. SHETTY	Ms. THEJASWI D. S. Mr. SHARATH KUMAR Mr. TIKESH RAJ Ms. VARSHA B. SHETTY	5,000.00
12.	47S_BE_1767	AI ASSISTED DISTRACTED DRIVER DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANTONY P. J. Mrs. VIDYA MYAGERI	Mr. AHMAD MIDLAJ B. Ms. CLIVA RHEA MORAS Mr. RAHUL M. MOOLYA Mr. ZAID ALI AHAMAD	5,000.00
13.	47S_BE_1494	ENERGY EFFICIENT STREET LIGHTING WITH REAL TIME DATA MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. GANESH U. G.	Ms. SEEMA J. RAI Ms. ATHMIYA RAJ A. G. Mr. DURGESH Mr. HARDIK RAI	5,500.00
14.	47S_BE_1550	ENHANCING ROAD SAFETY WITH MACHINE LEARNING-BASED POTHOLE DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SURESHA D.	Ms. SHREYA Y. Ms. SHIFALI DEVADIGA Mr. ABHISHEK	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

15.	47S_BE_3297	MACHINE LEARNING FOR EARLY-STAGE AUTISM DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. R. SAHAYA SHAMINI	Mr. KRITHIK KUMAR Mr. SHADEED SHUKOOR Mr. AJAY KUMAR SONKAR	4,000.00
16.	47S_BE_1378	EFFECT OF CARDANOL BLENDING ON THE PERFORMANCE, EMISSION, COMPUSTION & CYCLE TO CYCLE VARIATION CHARECTERISTICS OF SINGLE CYLINDER CI ENGINE WITH OXYGEN ENRICHMENT	B.E.	MECHANICAL ENGINEERING	Dr. VIGNESHA NAYAK Mr. PRASAD B. G.	Mr. ABHISHEK KUMAR PADAVU Mr. AKHIL SAJEEV Mr. ASHIK H. S. Mr. MUHAMMED SHAZ T. P.	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	32,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272361DC	14,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 4. 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.)
17.	47S_MBA_0099	APPRAISING WOMEN HEALTH CONCERS; EMPLOYEES PROSPETIVE ON MENSTRUAL LEAVE POLICY IN THE WORK PLACE	MBA	MBA	Prof. DEEKSHA RAO Prof. PRASHANTH SHETTY	Ms. AYISHA SHERIN T. K. Ms. AKHILA VARGHESE Mr. AJAY NARAYANAN M Ms. ANJANA U. K.	4,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
A.J. INSTITUTE OF MANAGEMENT, MANGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	20,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
18.	47S_BE_2097	BIKE LOCK UNLOCKING SYSTEM USING SIDE INDICATORS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ANAND KUMAR B. Ms. SNIGDHA KESH	Mr. GIRI BABU B. Mr. HARICHARAN REDDY Mr. JAI PRAKASH R. Mr. THARUN M.	5,500.00
19.	47S_BE_2270	BAYMAX	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. V. MAREESWARI Mrs. SNIGDHA KESH	Mr. TANAY JAGNANI Mr. UTKARSH RAJ Mr. ARYAN AGARWAL Mr. ARNAB BHOWMIK	4,000.00
20.	47S_BE_2950	PROTECTION OF CROPS FROM ANIMALS AND PROPER USAGE OF RAIN WATER USING IOT AND ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VELVIZHI RAMYA R. Mrs. MALA M.	Ms. PRATHIKSHA K. G. Ms. PRAVEENA D. Ms. REKHA G. R. Ms. SANDHYA S.	5,500.00
21.	47S_BE_3802	VITAMIN DEFICIENCY DETECTION USING IMAGE PROCESSING AND NEURAL NETWORK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUPRIYA SHRIVASTAV	Ms. NISHCHITHA K. S. Ms. PRATHIKSHA R. Ms. RAKSHITHA C.	5,500.00
22.	47S_BE_4695	EYE GAZE CONTROLLED WHEELCHAIR WITH HEALTH MONITORING SYSTEM USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. G. V. ASHWINI Prof. SHWETHAA A. R.	Mr. DEEPAK N. Ms. CHANDINI Mr. LALATENDU TRIPATHY Mr. LIKHITH C.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

23.	47S_BE_3787	DESIGN AND FABRICATION OF PLC- ENHANCE SEWER EXCAVATOR	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATHA C.	Mr. VINOD KUMAR V. Mr. SHARATH S. Mr. SAI MANOJ M. S.	5,500.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	A.M.C. ENGINEERING COLLEGE, BENGALURU	25-05-2024	NEFT Dr-P149240325299278-A M C ENG COLLEGE A C UNIVERISTY FEES-UBIN0543535	26,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272331DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
24.	47S_BE_4628	SYNCR8IVE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. C. P. SAMEERANA	Mr. MOHITH KUMAR S. S.	5,000.00
25.	47S_BE_4981	FORENSIC FACE SKETCH CONSTRUCTION AND RECOGNITION USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SOUMYA GEORGE	Mr. S. NAVEEN Mr. DISHAN DEEPAK ANEGUNDI Mr. VINAY KUMAR	5,000.00
26.	47S_BE_1870	BRAIN WAVE CONTROLLED MINIATURE WHEEL CHAIR USING BCI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. THEODORE JESUDAS	Ms. SUCHITHRA M. Ms. NAVYASHREE S. Ms. YASHU K.	6,500.00
27.	47S_BE_1880	ADVANCED ELECTRIC BIKE WITH INTEGRATED SAFETY AND MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. USHA H. N.	Mr. BALAJI S. Mr. SUMUKHA R.	7,000.00
28.	47S_BE_1886	SMART READER GLASS FOR BLIND AND VISUALLY IMPAIRED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. PURVA KAMAT MHAMAI	Mr. MOHAMMED FAIZAL Mr. ABHISHEK N. Mr. ROHITH N.	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANSACTION DETAILS	AMOUNT
KSCST Sponsorship	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299279-PRINCIPAL APS COLLEGE OF ENGINEERING-SBIN0021734	25,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272291DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
29.	47S_BE_4252	VERMICOMPOSTING OF DOMESTIC SOLID WASTE	B.E.	CIVIL ENGINEERING	Dr. SUNEETH KUMAR S. M.	Mr. SUMAN V. M. Mr. CHANDAN K. S. Mr. SRINIVAS J. R. Mr. VENKATESH A. R.	2,500.00
30.	47S_BE_4255	ANALYSIS OF RAINFALL AND GROUNDWATER TABLE FLUCTUATION IN MYSORE CITY USING ERDAS AND ARCGIS	B.E.	CIVIL ENGINEERING	Ms. NAMITHA A. P.	Mr. SHASHANK C. Mr. VISHWAS I. G. Mr. KARTHIK K. Ms. PALLAVI M.	5,000.00
31.	47S_BE_3819	MYOELECTRIC TRANSRADIAL PROSTHETIC ARM FOR UPPER LIMB DISARTICULATION TO SUPPORT DISABLED REHABILITATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. PARTHASARATHY L. Prof. SHREESHAYANA R.	Mr. KARTHIK R. Mr. AKILESH P. Ms. LAVANYA G. K.	5,000.00
32.	47S_BE_4408	INTELLIVISION: A SMART BLIND ASSIST SYSTEM USING ML AND IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. GIRISH M. Dr. PRAKASH KURVAVATTI	Ms. KEERTHANA N. Ms. CHETHANA U. Ms. POORVIKA N. Mr. CHETHAN KUMAR M. C.	7,000.00
33.	47S_BE_4623	SPINE SERENITY : SMART RELIEF MASSAGER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ANUPAMA SHETTER Prof. PRADEEP KUMAR Y.	Mr. KARTHIK P. U. Mr. BHARGAV M. Mr. CHETHAN M. C. Mr. KARTHIK M.	6,500.00
34.	47S_BE_5031	SOLAR POWER MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRATHIBHA M. K. Mr. GIRISH M.	Ms. SARASWATHI M. Ms. AZRA AKIN Ms. RUCHITHA K. R. Ms. SANJANA MANOHAR N.	5,500.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

35.	47S_BE_4801	AFFORDABLE STAIRLIFTS TO AID ELDERLY AND MOBILITY- IMPAIRED INDIVIDUALS	B.E.	MECHANICAL ENGINEERING	Dr. CHETHAN S. Mr. HEMANTH B. R.	Mr. VISHAL S. Mr. MADHUSUDAN R. Mr. KARTHIK M. Mr. SHAYAN PASHA	5,000.00
36.	47S_BE_4821	DEVELOPMENT AND TESTING OF BIODEGRADABLE AGAVE FIBER REINFORCED POLYMER BASED COMPOSITE	B.E.	MECHANICAL ENGINEERING	Dr. A. K. MURTHY Prof. DEVARAJ M. R.	Mr. HITHESH T. L. Mr. SHAYAN PRASHA Ms. POOJA	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	28-05-2024	NEFT Dr-P149240325299281-ATME COLLEGE OF ENGINEERING-ICIC0001429	34,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 8. ACHARYA INSTITUTE OF MANAGEMENT & SCIENCES, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
37.	47S_MBA_0130	AN EMPIRICAL STUDY ON CHALLENGES FACED BY FARMERS IN CONVERSION OF EXISTING FARMING TO ORGANIC FARMING WITH SPECIAL REFERENCE TO RURAL BANGALORE	MBA	FINANCE	Dr. V. SARAVANA KUMAR Dr. KALPANA VENUGOPAL	Mr. SHODAN GOWDA K. V. Ms. DEEKSHA B. Ms. RAKSHITHA M. Ms. POOJA R. PATIL	4,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ACHARYA INSTITUTE OF MANAGEMENT & SCIENCES, BENGALURU	28-05-2024	NEFT Dr-P149240325299282-ACHARYA INSTITUTE OF MANAGEMENT SCIENCES-PUNB0125100	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 9. 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.)
38.	47S_BE_2984	DETECTION AND REMEDIATION OF MICROPLASTICS AND PER-POLYFLUOROALKYL SUBSTANCES(PFAS) IN TREATED SEWAGE WATER	B.E.	BIOTECHNOLOGY	Mr. PRUTHVISH R.	Mr. PAWAN S. Ms. VARSHITHA P. Mr. KIRAN B. S. Ms. SPURTI PRAKASH PATIL	7,000.00
39.	47S_BE_3955	OPTIMIZATION OF TOPICAL FORMULATION TO TREAT EARLY STAGE MELANOMA	B.E.	BIOTECHNOLOGY	Dr. AKHELA UMAPATHI Dr. ISMAIL SHAREEF	Ms. JAYSHREE S. Mr. SANJAY SARDAR P. Ms. ADORA G. CHRISTINA Mr. ABHISHEK	7,000.00
40.	47S_BE_5371	DEVELOPMENT OF AN AUTONOMOUS UNDERWATER VEHICLE (AUV)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. MURALIKRISHNA	Mr. UDAY CHANDRA N. C. Mr. AKKI KOTRESH Mr. YASHWANTH T. P. Mr. AKASH N.	5,000.00
41.	47S_BE_3987	AUTOMATED AQUAPONICS SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SANDEEP KUMAR K. Mrs. KUMBHAR TRUPTI RAVIKUMAR	Ms. NANDINI U. MALAVALLI Ms. NIKHITHA G. Ms. PALLAVI K. HIREGOWDAR Ms. UMADEVI M. V.	5,500.00
42.	47S_BE_4335	MIMO RADAR FOR SLOW AND SMALL TARGETS USING COHERENT & NON COHERENT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. DEVASIS PRADHAN	Ms. DIVYA DHARSHINI R. Mr. ATUL KHUNTIA Mr. KUMAR ADITYA Ms. MYTHRI R.	5,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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43.	47S_BE_0405	BLOCKCHAIN BASED ACADEMIC RESULT DISPLAY SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PANKAJ KUMAR	Mr. CHINMAYA DANDIN Mr. AKSHALI SUMANTH Mr. MANOJ Mr. DARSHAN A. R.	4,500.00
44.	47S_MBA_0143	A TECHNOLOGY-POWERED SURVEY ON HOW AI AND MACHINE LEARNING IMPACTS AGRICULTURAL PROSPERITY IN INDIA	MBA	MBA	Dr. MONICA M.	Mr. ASHISH S. MENON Ms. TALARI APARNA	5,000.00
45.	47S_BE_4275	DESIGN AND FABRICATION OF ANIMAL FOOD MAKING MACHINE USING WASTE FRUITS AND VEGETABLE PULP	B.E.	MECHANICAL ENGINEERING	Prof. SHRIMUKHI G. SHASTRY	Mr. CHANDAN M. N. Mr. KEERTHAN B. T. Mr. YASHWANTH N.	5,500.00
46.	47S_BE_2959	DESIGN AND IMPLEMENTATION OF AN ARTIFICIAL INTELLIGENCE-BASED PLANT DISEASE DETECTION AND CONTROL SYSTEM.	B.E.	MECHATRONICS ENGINEERING	Dr. MANJUNATHA K. N. Prof. SANDEEP K.	Mr. YADHU KRISHNA NAIR Mr. NISHANTH KUMAR R. Mr. NISHANTH R. Mr. KEERTHI S. KUMAR	5,500.00
47.	47S_BE_3090	DESIGN AND DEVELOP A CHILD RESCUE ROBOT FROM BOREWELLS	B.E.	MECHATRONICS ENGINEERING	Dr. BAGHIRATHI V. Dr. MANJUNATHA K. N.	Mr. SHASHANK T. G. Mr. PAVANKUMAR P. KADAM Mr. MANOJ P. Mr. LOKESH KIRAN R.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	13-06-2024	NEFT Dr-P165240329083500-YESB0000022- ACHARYA INSTITUTE OF TECH BENGALURU-- KSCST SPP 47TH SR GR TO COLLEGES	55,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 10. 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.)
48.	47S_BE_4896	IOT BASED SMART IRRIGATION SYSTEM USING DUAL AXIS SOLAR TRACKER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHU B. G.	Mr. CHINTHAN H. K. Mr. ARUN BELAVADI Mr. MANOJ H. K. Mr. TEJAS C. M.	5,500.00
49.	47S_BE_4904	HUMANOID ROBOT FOR COVID PATIENT ASSISTANCE USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MANJULA U. R. Mrs. DIVYA G. S.	Ms. BHOOMIKA B. S. Ms. AKSHATHA K. R. Ms. KAVANA S. NAIK Ms. DEVIKA M. U.	5,000.00
50.	47S_BE_5060	DEVELOPMENT OF HAPTIC PROSTHETIC HAND FOR REALIZATION OF INTUITIVE OPERATION USING ESP32	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. USHA PATIL Mr. HARISH KUMAR C. R.	Mr. MOHAMMED MOHTASHIM Mr. LIKHITH H. D. Mr. BHARATH A. L. Mr. MAHASOOK AHMED	7,000.00
51.	47S_BE_0124	AN APPROACH TO PREDICT EARLY STAGE OF BREAST CANCER USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRAMOD H. B. Mrs. ANJALI B. V.	Ms. LIKITHA C. M. Ms. MANASWINI A. M. Ms. MONIKA C. J. Ms. PAVITHRA B.	4,000.00
52.	47S_BE_0137	DEEPFAKE VIDEO FORGERY DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SAMPATH S.	Ms. PRAPTHI S. Ms. AMULYA M. P. Ms. KAVYA H. L.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

53.	47S_BE_0169	AN INTEGRATED AGRICULTURE SYSTEM FOR PEST DETECTION AND PESTICIDES RECOMMENDATIONS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ANJALI B. V. Mr. KIRAN KUMAR B. M.	Ms. M. SNEHA Ms. ANANYA L. S. Ms. PRERANA A. Ms. SPANDANA M. S.	4,500.00
54.	47S_BE_0216	EPILEPTIC SEIZURE DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUMAN M. H. Mr. RAKESH RAJ	Ms. ANANYA S. Ms. PRANCHANA S. S. Ms. SURAKSHA H. P. Ms. SWATHI L. D.	4,000.00
55.	47S_BE_0293	SECURITY ENHANCEMENT OF FORENSIC EVIDENCE USING BLOCK CHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ASHWINI KAMATH Mrs. DEEPASHRI K. S.	Mr. SUJAY H. C. Mr. CHANDRASHEKAR Mr. DEEPAK P. D. Mr. DILEEP KUMAR L. J.	4,000.00
56.	47S_BE_1424	DESIGN AND FABRICATION OF PORTABLE VERTICAL AXIS WIND TURBINE	B.E.	MECHANICAL ENGINEERING	Dr. RACHAN D. SHEKAR Prof. MADAN KUMAR K. N.	Mr. D. PRAJWAL Ms. NISARGA N. Mr. CHETHAN KUMAR M. R. Mr. SUMANTH G.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	15-05-2024	NEFT Dr-P136240322802640-ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY-KARB0000177	44000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 11. 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.)
57.	47S_MSC_0086	BIO-FABRICATION OF MUSHROOM BASED SUSTAINABLE AND EFFICIENT BIOPOLYMER COMPOSITES	M.Sc	BIOTECHNOLOGY	Dr. MAYA M. R. Dr. P. SUDHARANI	Ms. HARSHITHA V. Ms. MAREDUGONDA NAGA SATHWIK Ms. SWATHY SANKAR	5,500.00
58.	47S_MSC_0087	EXTRACTION OF A NEW, COST EFFECTIVE FUNGAL PIGMENT FROM DAIRY INDUSTRIAL WASTE	M.Sc	BIOTECHNOLOGY	Dr. MAYA M. R. Dr. P. SUDHA RANI	Ms. CHARITHA N. Ms. BASIREDDY PREETHI Ms. TEJASWINI S.	5,500.00
59.	47S_MSC_0090	AN EFFICIENT MICROBIAL CONSORTIA FOR E-WAST REMEDIATION	M.Sc	BIOTECHNOLOGY	Dr. MAYA M. R. Dr. P. SUDHA RANI	Mr. SIDDHARTH DEBATOSH BANERJEE Mr. SANKET MUDALAGI	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	15-05-2024	NEFT Dr-P136240322802641-ADMINISTRATIVE MANAGEMENT COLLEGE-SBIN0041165	6,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 12. 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.)
60.	47S_BE_4677	REMOVAL OF DYE FROM INDUSTRIAL WASTEWATER USING AGRICULTURAL WASTE AS A LOW-COST ADSORBENT	B.E.	CIVIL ENGINEERING	Mr. VISHAL R. KHANDAGALE	Mr. CHARAN KUMARA B. Mr. ABDUL KADHAR ZILANI Ms. MEGHANA A. S. Mr. VASANTH	5,500.00
61.	47S_BE_4658	RASPBERRY PI BASED SMART NAVIGATION SYSTEM FOR BLIND PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAKESH S. Dr. PUSPHA R.	Mr. RAVIKUMAR Mr. SANDEEP S. Mr. SHASHIDHAR DOLLIN Mr. MALLIKARJUN	5,500.00
62.	47S_BE_5229	BLOCK CHAIN BASED TRACEABILITY IN AGRI FOOD SUPPLY CHAIN MANAGEMENT: A PRACTICAL IMPLEMENTATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PUSPHA R.	Ms. BHEEMASHREE Ms. ASHWINI Ms. SHRUTHI D. Ms. KAVYA SHREE B. S.	4,500.00
63.	47S_BE_2131	MICRO-SMART CITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SHRUTHI A. B.	Mr. BHIMESH MAHADEV KURABET Ms. DIVYA N. P. J. Ms. SHRISHTI NINGAPPA MIRJI Ms. APOORVA J.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

64.	47S_BE_1043	DESIGN AND ANALYSIS OF AUTOMOTIVE PISTON TO OPTIMIZE ITS MATERIAL	B.E.	MECHANICAL ENGINEERING	Mr. PRAVEEN D. N. Mr. SANNAMAREGOWD A	Mr. KALLESH N. Mr. SACHIN Mr. S. DINESH Mr. RAVINDRA M. S.	3,500.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU	28-05-2024	NEFT Dr-P149240325299283-PRINCIPAL A I T- HDFC0002090	18,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272381DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 13. ALLIANCE COLLEGE OF ENGINEERING AND DESIGN, ALLIANCE UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
65.	47S_BE_3818	AUTOMATED VEHICLE INSPECTION LAYER STORAGE AND DATA ESTABLISHMENT STRUCTURE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHEKHAR R.	Ms. CHANDANA M. N. Ms. VEDAVATI PATIL	5,000.00
66.	47S_BE_4816	TRANSFORMING WASTE MANAGEMENT IN SMART CITIES WITH INTELLIGENT DUSTBIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHEKHAR R.	Mr. K. JAYANTH REDDY Mr. MANIMARAN B.	5,500.00
67.	47S_BE_2627	NATURE'S WRAP: ECO-FRIENDLY PACKAGING SHEETS FROM SAL AND BANANA LEAVES	B.E.	MECHANICAL ENGINEERING	Dr. SASMITA BAL	Mr. RAVICHANDRA M. Mr. ANAND A. Mr. ARAVIND A.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ALLIANCE COLLEGE OF ENGINEERING AND DESIGN, ALLIANCE UNIVERSITY, BENGALURU	28-05-2024	NEFT Dr-P149240325299284-ALLIANCE UNIVERSITY-PUNB0105710	15,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 14. ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
68.	47S_BE_1047	DRONE INVENTORY MANAGEMENT FOR RESOURCE MAPPING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. HARISH KUNDER	Mr. SATYAM PAWALE Mr. PRAJWAL P. Mr. SHRIPRASAD D. J.	5,500.00
69.	47S_BE_2118	THE BUNK - YOUR VIRTUAL ASSISTANT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. NAVEEN S. PAGAD Prof. HARISH KUNDER	Mr. NITIN HEMA RAJ Ms. H. BHAVANA Ms. KEERTHANA K Mr. ULLAS H. U.	5,000.00
70.	47S_BE_2374	AUTONOMOUS JETBOT - EXPLORER	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. HARISH KUNDER	Mr. THEJAS Ms. BHOOMIKA Mr. ANUSH L. POOJARY Mr. PREETHAM	5,000.00
71.	47S_BE_2377	MAZE WANDERER - AUTONOMOUS ROBOTIC PATH-FINDING SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. RAMESH G.	Mr. KARAN KUMAR Mr. ABDULLAH Mr. M. ASHOK KUMAR	5,000.00
72.	47S_BE_2621	VISION ASSISTANT FOR VISUALLY IMPAIRED PEOPLE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. SHRIKANTH N. G.	Mr. SATHYAM A. V. Mr. TARUN D. R. Mr. PRASANNA NARAYANA P. Mr. SHREYAS	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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73.	47S_BE_0923	ANALYSIS OF DIFFERENT SLOPE FAILURE ALONG THE ROAD SECTION OF SAKLESHPUR, KARNATAKA USING ROCK MASS ANALYSIS AND KINEMATIC ANALYSIS APPROACH	B.E.	CIVIL ENGINEERING	Dr. H. G. UMESHCHANDRA	Mr. NONGMAITHEM BORISH SINGH Ms. SADVINI K. P. Mr. RAHUL LEIMAPOKPAM Ms. PRIYANKA MALAGITTI	5,000.00
74.	47S_BE_1167	LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS A FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD CONSTRUCTION	B.E.	CIVIL ENGINEERING	Prof. SHANKARGIRI K. S.	Mr. SALAM MARIN SINGH Mr. MANGAL THOIBA IRENGBAM Ms. PRAGATI T. NAIK Mr. SHIVAKUMAR K. N.	5,500.00
75.	47S_BE_3426	BREATHE EASY, DRINK PURE: ADDRESSING DUMP YARD POLLUTION AT VAMANJOOR, MANGALORE WITH PLANT-BASED REMEDIATION	B.E.	CIVIL ENGINEERING	Prof. SURENDRA P.	Mr. M. R. BHARATH Mr. KAUSHIK Mr. SAHIL SHETTY Mr. VIDYANANDA	5,000.00
76.	47S_BE_0849	CHARGING STATION FOR E-VEHICLE USING SOLAR WITH IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRASHANTH KUMAR	Ms. DEEKSHITHA S. R. Ms. CHANDANA M. Ms. DISHA SHETTY Ms. HARSHITHA N. P.	5,000.00
77.	47S_BE_0905	DRONE BASED DISEASE DETECTION IN CROPS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHANDRA NAIK	Mr. SHEBIN THOMAS Mr. SHARATH S. KANCHAN Mr. SHARAT R. NAIK	5,000.00
78.	47S_BE_0952	AN INDEPENDENT AUTOMATIC SYSTEM TO DETECT THE PRESENCE OF VIOLENCE DETECTION USING DEEP LEARNING TECHNIQUE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. GIRIDHAR GOWDA Mrs. VIDYA	Ms. SUSHMITHA E Ms. SINCHANA R. NAIK Ms. SPANDHANA Ms. VEENA G. T.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

79.	47S_BE_1293	ANOMALY DETECTION IN REAL TIME SURVEILLANCE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHESH KINI M. Mrs. VIDYA	Mr. S. VISHWESH NAYAK Ms. RAKSHA Ms. RAMYASHREE Mr. RANJITH R. GANIGA	4,500.00
80.	47S_BE_3554	MACHINE LEARNING AND IOT BASED WASTE MANAGEMENT MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. G. SRINIVASAN	Mr. PRUTHVIRAJ K. L. Mr. RAHUL Mr. PAVAN KUMAR V. Mr. RACHITH M. R.	4,500.00
81.	47S_BE_1381	DESIGN AND IMPLEMENTATION OF SELF DRIVEN VEHICLE USING SALM TECHNOLOGY AND COMPUTER VISION - A PROTOTYPE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. D. V. MANJUNATHA Prof. NEPOLIAN	Mr. ROHAN H. Ms. RAKSHITHA S. Ms. RAMYA K. Mr. VISHWANATH M.	5,000.00
82.	47S_BE_2052	AUTO DELIVERY BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. VIJETHA T. S.	Mr. PAVAN K. H. Mr. AKSHAY Ms. CHAITHRASHREE M. G. Mr. PRATHAM	5,500.00
83.	47S_BE_2265	ANTI POACHING ALARM FOR VALUABLE TREES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. BHAGYASHREE K.	Ms. SHRIDEVI Ms. DISHA H. Ms. SHRUTHI Ms. SHWETHA	6,500.00
84.	47S_BE_1194	EFFICIENT MESSAGE TRANSMISSION USING HYBRID CRYPTOGRAPHY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. JAYANTKUMAR A. RATHOD	Ms. SHWETHA R. SHARMA Ms. CHANDANA P. T. Ms. KEERTHANA G. Ms. SWETHA S.	4,500.00
85.	47S_BE_1482	IDENTITY MANAGEMENT SYSTEM USING BLOCKCHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRADEEP V.	Mr. ABHISHEK R. BHAT Mr. MOHAMMAD SUFIYAN Mr. PRASAD R. ACHARI Mr. SUJAN P. S.	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

86.	47S_BE_1608	VEIN BIOMETRIC RECOGNITION ON SMARTPHONE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. LOLAKSHI P. K.	Ms. MEGHANA K. Ms. CHANDANA A. S. Ms. MADHU M. Ms. VARSHA A. M.	3,500.00
87.	47S_BE_1729	VISITOR FACE AUTHENTICATION DESIGN USING OPEN CV	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRADEEP V.	Ms. LIKHITA K. M. Mr. RAVINDRA REDDY Mr. SHASHANK BIRADAR Mr. SURAJ S. ANKOLEKAR	4,500.00
88.	47S_BE_1171	HUMIDITY CONTROLLED SOLAR PEPPER DRYER	B.E.	MECHANICAL ENGINEERING	Mr. VIRENDRA KUMAR KAMBOLI Mr. SHARATHCHANDRA PRABHU	Mr. VIGNESH Mr. ADWITH KUMAR Mr. VARUN S. Mr. SWAHID	5,500.00
89.	47S_BE_1198	DESIGN AND FABRICATION OF SOLAR-POWERED MANUAL CUTTING DEVICE FOR HARVESTING TEA LEAVES	B.E.	MECHANICAL ENGINEERING	Mr. DEEPAK KOTHARI	Ms. JENNY FERNANDES Ms. NAVYASHREE H. B. Ms. PALLAVI P. Mr. SANDEEP JARALE	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	19,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272351DC	10,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 15. 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.)
90.	47S_BE_2462	EMG BASED PROSTHETIC HAND WITH ADAPTIVE GRASPING ENHANCED BY COMPUTER VISION	B.E.	COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE ENGINEERING	Dr. MANJU KHANNA	Mr. GAURANG CHAUDHARY Mr. HITESH TUMPUDI Mr. ARJUN MENON Mr. NITISH NARAYAN	5,500.00
91.	47S_BE_4818	A COMPARATIVE ANALYSIS OF SWARM ALGORITHMS FOR ENHANCED COMMUNICATION IN DRONE NETWORKS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NALINI SAMPATH Dr. ANAND R.	Mr. DOVVALA RUTHWIK Ms. CHAVA SRIYA CHOWDARY Mr. KANCHARLA NITISH SAI Mr. SUTHAPALLI RISHIK	4,500.00
92.	47S_BE_2035	A GESTURE VOCALIZER TRANSLATION SYSTEM FOR EFFICIENT COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. PRIYA B. K.	Ms. C. G. PRIYA Ms. ANANYA MURALIDHARAN Mr. GOUTHAM P. KEERIYAT	5,500.00
93.	47S_BE_2039	PREDICTIVE MAINTENANCE OF BATTERY FOR EV PROTOTYPES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. PRIYA B. K.	Mr. CHINCHU DHEEMANTH Mr. CHERLOPALLI JAIDEEP Ms. TUGU MOHITHA SAI	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

94.	47S_BE_2554	LANDMINE DETECTION USING ROBOTIC VEHICLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. PRIYA B. K.	Mr. VADAPALLI CHIRANJEEVI SAI NITHEESH Mr. VASIREDDI SRI VEERA VENKATA RAMGANESH Mr. ACHIMSETTY BHARADWAJ	5,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	28-05-2024	NEFT Dr-P149240325299287-AMRITA VISHWA VIDYAPEETHAM-DLXB0000258	10,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272341DC	16,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
95.	47S_BE_2227	AGRICULTURE FIELD MONITORING USING LOW-POWER WIDE AREA NETWORK BASED LAND ROVER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ANIL KUMAR	Ms. TAIYABA FATHIMA Ms. CHITHRASHREE U. V. Mr. MOHAMMED KHADEEMIL IKRAM S. Mr. ABHINANDAN	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ART PARK sponsorship	AMRUTA INSTITUTE OF ENGINEERING	05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 17. ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAABI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
96.	47S_BE_3429	AN INTEGRATED SYSTEM FOR DEPRESSION DETECTION, ANALYSIS & PROVIDING PERSONALIZED SUPPORT	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. DHANASHREE KULKARNI Mr. CHETAN PATIL	Mr. SAMBRAM S. ARKASALI Mr. NISHANT R. BHANDARE Ms. PRIYANKA S. YALAMELI Mr. MOHAMMADZAID KHAN	3,500.00
97.	47S_BE_3016	STUDY ON TREATMENT OF TURBID WATER USING BAUXITE TAILINGS AS A COAGULANT	B.E.	CIVIL ENGINEERING	Dr. B. T. SURESH BABU	Ms. SAVITA S. MULIMANI Ms. ASHWINI J. DULARI Mr. MAHESH S. ULLAGADDI	5,000.00
98.	47S_BE_3712	SMART GLASSES FOR VISUALLY IMPAIRED PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GAUTAM DEMATTI	Mr. VIJAYKUMAR R. Ms. AKSHATA TEGGI Ms. DIVYA S. GUDDADAMANI Ms. LAXMI C. NAIK	4,000.00
99.	47S_BE_3789	E-HEALTH MONITORING WITH DIET AND FITNESS RECOMMENDATION USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SONAM BHANDURGE	Mr. RITESH SHARMA Mr. SHEKHFHARDIN SANADI Mr. SUNIL V. PATRUT Mr. VINAY SHELAKI	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

100.	47S_BE_3862	HARNESSING WIND ENERGY FROM VERTICAL AND HORIZONTAL AXIS WIND TURBINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RAJENDRA GHIVARI	Mr. GIRIBHATTANAVAR PRANAV GURURAJ Mr. KARTIK SIDDAPPA MUDDLINGANAVAR Mr. AKHIL MAHALING NAGANAVAR	4,500.00
101.	47S_BE_3870	M SHAPE LOW-COST SOLAR STILL FOR RURAL AND ISOLATED COMMUNITIES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KANTESH D. C.	Mr. SHREYAS B. MATHAPATI Mr. AVINASH P. AWATI Mr. SHRIDHAR C. MAGADUM	4,000.00
102.	47S_BE_3733	EMBEDDED BASED UNDERGROUND WATER LOCATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. G. R. UDUPI Prof. GURURAJ KULKARNI	Mr. MAHALINGAPPA SHRISHAIL HUCHAGOUDAR Mr. RAHUL RAMESH RAJMANE Ms. POOJA D. Ms. PRERANA P. MASGUPPI	5,000.00
103.	47S_BE_4962	ARTIFICIAL INTELLIGENCE BASED NIGHT VISION PATROLLING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SRIRAM K. V.	Ms. VEENA R. KAMMAR Ms. SAHANA DIXIT Ms. AKSHATA GADAD Ms. KAVERI HATTI	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP ON 28-05-2024	35,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
104.	47S_BE_5356	AN EXPERIMENTAL STUDY ON STABILITY ANALYSIS OF A HIGHWAY CUT ADJACENT TO NH66 IN BHATKAL USING PLAXIS-2D	B.E.	CIVIL ENGINEERING	Dr. CHIDANAND NAIK	Ms. M. SWETHA Mr. RAYYAN Ms. TEJASWINI NAIK	4,000.00
105.	47S_BE_3888	AEROPONICS SYSTEM FOR SUSTAINABLE USE OF WATER AND NUTRIENTS USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. KIRAN VINAYAK SHANBHAG Prof. MADHEEHA FATHIMA	Mr. VARUN VISHNU HEGDE Ms. AKSHATA VENKATRAMAN NAIK Ms. TUQA Mr. ASHWIN MANJAPPA DEVADIGA	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL	28-05-2024	NEFT Dr-P149240325299288-PRINCIPAL, ANJUMAN INSTITUTE OF TECHN MANAGEMENT-SBIN0000269	4,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272601DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
106.	47S_BE_0698	IMPLEMENTATION OF ODK MOBILE APP FOR DATA COLLECTION & MONITORING OF LAKES IN BANGALORE	B.E.	CIVIL ENGINEERING	Mrs. PRIYANKASHRI K. N. Dr. SURENDRA H. J.	Mr. HARSHA M. Y. Mr. KESHAV REDDY L. Mr. CHARAN SRINIVAS B. S.	5,000.00
107.	47S_MCA_0059	SMART HAND GESTURE GENERATOR	M.C.A.	COMPUTER APPLICATIONS	Prof. VASANTH C. BHAGAWATH Prof. JASMINE J. C. SHIJI	Ms. CHANDANA B. M. Ms. AISHWARYA S. BASANAGOUDRA Ms. LAVANYA H. T.	5,000.00
108.	47S_BE_0351	EMPOWERING SOCEITY-VIA AI INFUSED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DEVI KANNAN Dr. MANASH SARKAR	Ms. SINCHANA RAJESH Ms. S. BHAVYASHREE Ms. YUKTHA DAS M. Ms. CHANDANA G.	5,000.00
109.	47S_BE_0061	AQUASTREAM INTEGRATED COMMUNICATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SPOORTHI S. P.	Mr. YASHVARDHAN M. Ms. TAANYA R. PATIL Ms. MEGHA RAJPUT Ms. MANASA M. S.	7,000.00
110.	47S_BE_0080	QUADCOPTER IN AGRICULTURE DEVELOPMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GAYATHRI JOSHI	Mr. HARISH N. Mr. AJJE PAVAN KUMAR Mr. CHETHAN H. R. Mr. ROHITH KUMAR L.	5,500.00
111.	47S_BE_0599	AUTONOMOUS INSTANT CHECKOUT SYSTEM USING IMAGE PROCESSING AND MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PUSHPA Y. Dr. KESHAVAMURTHY	Mr. TARUN S. Mr. KUSHAL L. G. Mr. PUNEETH D. Mr. ROSHAN B. S.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

112.	47S_BE_0606	ENHANCED VISION: A MACHINE LEARNING APPROACH FOR SMART GLASSES AIDING THE VISUALLY IMPAIRED	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SOMESH B. S.	Ms. SHWETHA SATISH Ms. KEERTHANA R. Mr. SHAIK BABA HASSAN Ms. SPOORTHY S.	5,000.00
113.	47S_BE_1157	HAWK-EYE: AN AI BASED WEAPON DETECTOR IN THE CROWDED AREA OF SMART CITY FOR INTELLIGENT SURVEILLANCE CAMERAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KESHAVAMURTHY	Ms. KALVA RAMYA SREE Ms. BHAVANA H. B. Ms. NIKHITHA GOTTUMUKKALA Ms. HITHASHREE	5,500.00
114.	47S_BE_0431	DEVELOPMENT OF AN AUTONOMOUS FLOOR CLEANING ROBOT USING ANDROID APPLICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. OMPRAKASH B. Dr. ANANDA KUMAR K. S.	Ms. SWATHI G. S. Ms. RAKSHITHA D. M. Ms. RAKSHITHA S.	5,500.00
115.	47S_BE_0442	SIGN LANGUAGE TO SENTENCE CONVERSION USING LARGE LANGUAGE MODEL (LLM)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. VINOTH KUMAR S.	Ms. ADITI R. GRAMPUROHIT Mr. ABHISHEK KODURU	5,000.00
116.	47S_BE_0562	READMATE - FOR VISUALLY IMPAIRED USING RASPBERRY PI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SONIA S. B.	Ms. HIBAH FATHIMA Ms. ADITI R NANDANIKAR	5,000.00
117.	47S_BE_0648	ANDROID MALWARE DETECTION BASED ON CO-EXISTENCE OF FEATURES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. OMPRAKASH B.	Ms. ANISHA KONAR Ms. SHWETHA N. K. Mr. CHIRANTHAN K. K.	5,000.00
118.	47S_BE_1196	OPTIMIZATION OF HR RECRUITMENT PROCESS USING LARGE LANGUAGE MODEL(LLM)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VIJAYALAKSHMI V.	Ms. SHARANYA AVADHANI M. U. Ms. ANANYA A.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

119.	47S_MBA_0124	A STUDY OF RESOURCE CONSTRAINTS IN MATERNAL AND NEONATAL HEALTH IN RURAL KARNATAKA	MBA	MBA	Dr. RICHA DAS	Mr. MAHENDRA MANCHIKALAPATI Mr. AMOGH B. G.	4,000.00
120.	47S_BE_0876	DESIGN AND FABRICATION OF NEW GENERATION AUTOMATED 360° DRILLING MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. HARISH KUMAR N. S.	Mr. HARSHITH V. PATIL Mr. GANESH GOWTHAM J. Mr. VARUN N.	5,500.00
121.	47S_BE_1215	DESIGN AND FABRICATION OF SPEED BUMP BY USING NON- NEWTONIAN FLUID	B.E.	MECHANICAL ENGINEERING	Mr. ANIL KUMAR B. N.	Mr. DHANUSHEKAR V. Mr. MUKUL RAJKUMAR Mr. SAI PAVAN B. G. Mr. SUJEETH KUMAR	5,500.00

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#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299289-PRINCIPAL, ATRIA INSTITUTE OF TECHNOLOGY-UTIB0000363	76,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272481DC	5,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
122.	47S_BE_4312	EXPERIMENTAL STUDY ON COMPRESSIVE STRENGTH OF CONCRETE USING TREATED WASTEWATER	B.E.	CIVIL ENGINEERING	Mr. SACHIN M. S. Mr. AMITH B. J.	Mr. PRASANNA KUMAR P. S. Mr. SHEETHAL JAIN S. P. Mr. HRUTHIK R. Mr. HEMANTH PATEL Mr. YASHWANTH G. P.	5,000.00
123.	47S_BE_0561	DETECTION OF CARDIOVASCULAR DISEASE IN ECG IMAGES USING MACHINE LEARNING AND DEEP LEARNING METHODS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRASANNA KUMAR M. J.	Ms. NAVYA G. N. Ms. USHA K. A. Ms. NAYANA V. L. Ms. KAVYASHREE C. R.	5,000.00
124.	47S_BE_0825	DETECTION BRAIN TUMOR USING CNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. KAVYASHREE N.	Ms. SINCHANA S. Y. Ms. AMRUTHA J. Ms. BHOOMIKA N. Ms. DIMPLE A. R.	4,500.00
125.	47S_BE_1144	ANTI-SLEEP GLASSES USING AI TO PREVENT ACCIDENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SUNAD KUMARA A. N.	Ms. KEERTHANA T. S. Mr. KEERTHI RAJ J. Mr. JASHWANTH GOWDA S. Mr. MANOJ C. D.	5,000.00
126.	47S_BE_1329	ONLINE WEB BASED CASTING THE BALLOT FRAMEWORK UTILIZING BIOMETRIC, OTP AND AADHAR CONNECTING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. UMA H. R.	Mr. ROHAN GOWDA R. Ms. MONIKA H. R. Mr. SHREEDHARA G. T. Ms. SONASHREE N.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

127.	47S_BE_1145	EMBEDDED BASED AUTOMATED CAR JACK SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAVEEN K. B. Dr. MANOJ KUMAR S. B.	Ms. DEEKSHITHA H. N. Ms. AMULYA S. Mr. SANDESH S. GOWDA Ms. THEJASWINI N.	5,500.00
128.	47S_BE_2416	DEEPPAKE DETECTION USING DEEP LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. NETHRAVATHI H. M.	Mr. HRISHIKESH KUMAR K. N. Mr. AKHILESH S. B. Ms. HARSHITHA M. N. Ms. MANJUSHREE H. B.	4,000.00
129.	47S_BE_3211	INTELLIGENT UNMANNED ROBOT USING IOT FOR MILITARY APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANOJ KUMAR S. B. Dr. P. S. PUTTASWAMY	Ms. NITHYA D. B. Ms. CHANDANA S. Mr. PAVAN GOWDA K. N. Ms. VARSHINI P. L.	5,500.00
130.	47S_BE_3319	EXPLORING SINGLE HAND 3D PRINTED PROSTHETIC ROBOTIC TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAVEEN B. Mr. GOUTHAM V.	Mr. SHRAVAN A. L. Ms. MEGHANA M. S. Ms. PRIYA D. Mr. ULLAS B. C.	7,000.00
131.	47S_BE_5279	TECH TREK: REVOLUTIONIZING CAMPUS EXPLORATION WITH AUTONOMOUS GUIDES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. NISCHITHA S.	Mr. SHASHANK H. S. Ms. CHANDANA B. A. Mr. SANJAY H. R. Mr. SOURABH BAHUBALLI BARAGALE	5,500.00
132.	47S_BE_0478	SUSPICIOUS ACTIVITY DETECTION USING DEEP LEARNING APPROACH	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. YOGAPRAKASH M. G. Mr. SRIDHAR N.	Ms. DEEPU A. B. Ms. ARUNA BALI Ms. INCHARA P. Mr. RITESH K. T.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

133.	47S_BE_0537	DETECTION OF DIABETIC RETINOPATHY BASED ON NEURAL NETWORKS USING FUNDUS IMAGES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SRIDHAR N. Mr. YOGAPRAKASH M. G.	Ms. SNEHA R. Ms. CHANDANA M. Ms. KUSUMA H. M. Ms. NAMRATHA M. K.	5,000.00
134.	47S_BE_0551	FINDING MISSING PERSON USING MTCNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. KSHAMA K. B. GIRI	Ms. VARSHA K. Ms. ANANYA G. Ms. NISARGA G. Ms. PRERANA R.	4,000.00
135.	47S_BE_0822	PREDICTIVE MODELLING FOR LIVER DISEASE DIAGNOSIS USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. VIDHYA S. G. Mr. YOGAPRAKASH M. G.	Mr. DARSHAN GOWDA S. R. Ms. BHAVANA M. R. Mr. PRAJWAL K. J. Mr. PRATEEK J.	4,500.00
136.	47S_MBA_0042	RE-USAGE OF PLASTIC	MBA	MBA	Mrs. BEENA P.	Mr. GOWDA ANAND DEVRAJ Ms. NEEMU M. Mr. GURUPRASAD H. A.	3,000.00
137.	47S_BE_3638	IOT BASED BATTERY MANAGEMENT FOR ELECTRIC VEHICLES	B.E.	MECHANICAL ENGINEERING	Dr. HEMARAJU	Mr. AKASH R. Mr. NANDAN B. C. Mr. VISHAL PRAJWAL N. Mr. YASHWIN P.	5,500.00
138.	47S_BE_3914	IMPACT OF CERIUM OXIDE NANO ADDITIVES ON THE PERFORMANCE CHARACTERISTICS OF A CI ENGINE FUELED WITH COTTON SEED METHYL ESTER BLENDS	B.E.	MECHANICAL ENGINEERING	Mr. KEERTHI B. L.	Mr. THEJAS D. R. Mr. MANOJ B. K. Ms. RAKSHITHA M. Mr. SUMANTH GOWDA R.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

139.	47S_BE_5334	AUTOMATED WASTE SEGREGATOR	B.E.	MECHANICAL ENGINEERING	Mr. HEMANTH C.	Mr. RAKSHITH N. R. Mr. DINESH Y. Mr. MANJUNATH M. Mr. KARTHIK H HIREMUTT Y. H.	7,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	28-05-2024	NEFT Dr-P149240325299290-BGSIT-KKBK0008261	80,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272641DC	10,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
140.	47S_BE_2622	IMPLEMENTATION OF SOIL BIOENGINEERING TECHNOLOGY TO PREVENT SOIL EROSION AND LANDSLIDES.	B.E.	CIVIL ENGINEERING	Mrs. P. S. BIRADAR	Ms. SUSHMA METRI Ms. ROOPA DODAMANI Ms. SHWETA HIREMATH Ms. SOUMYA PATIL	5,000.00
141.	47S_BE_5040	SHINING PATH TO FUEL SUSTAINABILITY-BIOFUEL GENERATION USING CHLORELLA VULGARIS AND DUAL-COLOUR PHOTO-BIOREACTORS	B.E.	CIVIL ENGINEERING	Dr. ANURADHA TANKSALI Prof. PRABHU KINAGI	Mr. JAYACHANDRA JADHAV Mr. ISHWAR BALIKAI Mr. HARSH KOTENNAVAR Mr. ARUN INCHUR	5,500.00
142.	47S_BE_5322	WASTEWATER FARMING IMPACTS ON WATER RESOURCES OF HANCHINAL REGION	B.E.	CIVIL ENGINEERING	Dr. ANURADHA TANKSALI Prof. SANGANAGOUDA PATIL	Mr. RAVI MELLIGERI Mr. NAVEEN BADADAL Mr. CHANDRAKANT KARNAL Mr. SARTHAK PATIL	5,500.00
143.	47S_BE_1049	KANNADA ABSTRACTIVE TEXT SUMMARIZATION USING SEQUENCE TO SEQUENCE MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. DAKSHAYANI M. IJERI	Ms. SNEHA G. SAJJAN Ms. ALIYA BARGUDI Ms. RITIKA GANGAVATI	4,500.00
144.	47S_BE_1188	LANE DETECTION AND TRACKING IN VARIOUS CHALLENGING CONDITIONS USING VIDEO PROCESSING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHWETA PATIL	Ms. PRATIKSHA P. PATIL Mr. BADRI M VAIDYA	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

145.	47S_BE_1204	DEEP LEARNING BASED RESPIRATORY SOUND ANALYSIS TO DETECT CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SANTOSH DEWAR	Ms. ANJANA HIROLI Ms. AKANKSHA A. RUDRAGOUDAR Ms. AISHWARYA HIROLLI	4,500.00
146.	47S_BE_3923	HUMAN KNEE JOINTS SYNOVIAL FLUID REGION DETECTION AND ABNORMALITY CLASSIFICATION USING DEEP LEARNING MODELS.	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PAVAN D. MAHENDRAKAR Dr. LEENA RAGHA	Ms. MRUTUNJAY GUDDODAGI Ms. ALMEL POOJA SHRIMANT Ms. DHAGE KAJAL SHYAM Mr. MULLA TAUHEED SALIM	4,000.00
147.	47S_BE_5166	SMART ANTI-THEFT CONTROL SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. M. N. PATIL	Mr. PRASHANT S UKKALI Mr. DARSHAN D SHATGAR Ms. POOJA B RATHOD Ms. PRIYA B METRI	5,500.00
148.	47S_BE_2438	MACHINE LEARNING BASED DISEASE DETECTION IN VINEYARDS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VISHWANATH.S.CHIKKAREDDI	Ms. SUPRIYA GOLAGOND Ms. SAHANA GOLAGOND Ms. SNEHA ANGADI Ms. VAISHNAVI GANACHARI	5,000.00
149.	47S_BE_2602	SECURE DATA USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. S. B. BIRADAR	Ms. NANDINI RAJPUT Mr. AKHILESH YALASANGI Ms. DEEKSHA HOLI Mr. PRASANNA HALALLI	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

150.	47S_BE_2895	PRESERVING PRIVACY OF CLOUD DATA USING ML BASED DIFFERENTIAL APPROACH	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PRADEEP DESHPANDE	Mr. VEERESH Ms. ACHAL BELLAD Mr. MANJUNATH LAGAMANNA PUJARI Ms. VAISHNAVI C. H.	3,500.00
151.	47S_BE_1480	ONION HARVESTING DRIVE	B.E.	MECHANICAL ENGINEERING	Dr. SAMEER S. KULKARNI Prof. V. S. KONNUR	Mr. ADINATH IJARI Mr. VEERESH UMMARJI Mr. SAVAN CHAVAN Mr. SOMANATH DHARPAL	7,000.00
152.	47S_BE_3770	MANUFACTURING OF ECO FRIENDLY PAINT FROM COW DUNG	B.E.	MECHANICAL ENGINEERING	Dr. B. M. ANGADI Prof. S. S. CHAPPAR	Mr. SURAJ PARAMASHETTI Mr. MD ADNAN INAMDAR Mr. MD SAIF SHAIKH	5,500.00
153.	47S_BE_4730	DEVELOPMENT AND FABRICATION OF BICYCLE POWERED WATER PURIFYING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. I.G. BHAVI	Mr. AKSHAY PATTANASHETTI Mr. ABHISHEK KOTALI Mr. RAGHAVENDRA BIRADAR Mr. CHETAN DHUMALE	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	B.L.D.E.A'S V.P. DR. P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	28-05-2024	NEFT Dr-P149240325299292-THE PRINCIPAL COLLEGE OF ENGG TECHNOLOGY-ICIC0006506	59,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER	9,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
154.	47S_BE_0895	DESIGN AND DEVELOPMENT OF AN EFFICIENT MONITORING ALGORITHM IN THE FIELD OF APICULTURE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. PALLAVI B.	Ms. ADVAITH V. Ms. ANUSHKA SHIVKUMAR Mr. MANCHIKANTI VARUNSAI	5,000.00
155.	47S_BE_4595	COMPUTATIONAL PREDICTION FOR PRECISION DRUG DISCOVERY FOR EFFICIENT AND ECONOMICAL SOLUTIONS IN PHARMA INDUSTRY	B.E.	BIOTECHNOLOGY	Dr. SAVITHRI BHAT Dr. RASHMI S. SHENOY	Ms. BRINDA M. Ms. MEDHA RAJ REDDY R. Ms. SHARAVARI GIRISH DURWAS Mr. LALIT S.	7,000.00
156.	47S_BE_1820	STUDIES ON BOND STRENGTH CHARACTERISTICS OF GFRP REBARS IN ALKALI ACTIVATED SLAG CONCRETE MIXES	B.E.	CIVIL ENGINEERING	Dr. MANJUNATH R.	Mr. MOHAN KUMAR H. V. Mr. MOHITH KOTNADA Mr. MD FAZAL Mr. KARTHIK M.	5,500.00
157.	47S_BE_2884	PERFORMANCE EVALUATION OF COMPRESSED STABILISED MUD BRICKS MADE WITH RICE HUSK ASH BASED BINDERS	B.E.	CIVIL ENGINEERING	Dr. VIBHA VENKTARAMU	Mr. ABHISHEK K. RATHOD Mr. AJAY PAWAR Mr. ANIKETH P. Mr. B. G. SACHETH	5,000.00
158.	47S_BE_4041	PHARMACEUTICALS AND PERSONAL CARE PRODUCTS REMOVAL FROM WASTEWATER USING ELECTROCHEMICAL TECHNIQUE	B.E.	CIVIL ENGINEERING	Dr. MANJUNATH S. V.	Ms. SAMRIDDHI TIWARI Ms. ANANYA PALAIAH Mr. DARSHAN N. Mr. GAGAN R. NAIK	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

159.	47S_BE_4790	DAMAGE DETECTION OF DISTRESSED RC BEAMS SUBJECTED TO VIBRATION DUE TO MOVING LOADS ADOPTING LOW COST IOT SENSORS AND RETROFITTING OF SUCH RC BEAMS ADOPTING SUSTAINABLE MATERIALS(GFRP)	B.E.	CIVIL ENGINEERING	Prof. Y. K. GURUPRASAD	Mr. MUHAMMAD ZAMZAM K. S. Mr. GAGAN DEEPAK V. Mr. GAGAN GOWDA H. P. Mr. H. G. SURYA	5,500.00
160.	47S_MTech_0005	PERSULFATE BASED PHOTOCATALYTIC SYSTEM FOR SIMULTANEOUS OXIDATION OF PHARMACEUTICAL COMPOUNDS FROM WASTEWATER	M.Tech	ENVIRONMENTAL ENGINEERING	Dr. MANJUNATH S. V.	Mr. PRITHVIRAJ B.	7,000.00
161.	47S_MTech_0085	APPLICATION OF LEAF BIOMASS HYDROCHAR AS A SUSTAINABLE METHOD FOR IMMOBILIZING HEAVY METALS IN CONTAMINATED SOILS	M.Tech	ENVIRONMENTAL ENGINEERING	Prof. PRATHIMA B. Dr. SAINATH K.	Ms. SAGANI SAI GAYATHRI	5,500.00
162.	47S_BE_4069	IOT-INTEGRATED DIGITAL TWIN FOR COW HEALTH MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NALINA V.	Ms. ADITI SANKARANARAYANAN Ms. DIYA SHETTY Ms. KIRTI CHETWANI	4,000.00
163.	47S_BE_4856	DEVELOPMENT OF ANKLE EXOSKELETON FOR TESTING CONTROL STRATEGIES	B.E.	MECHANICAL ENGINEERING	Prof. G. KARTHICK	Mr. RAJATH V. Mr. HEMANTH S. RAAJAN Mr. SANKARSH S. Mr. SATWIK VERMA	7,000.00
164.	47S_MTech_0080	INTERACTIVE ENERGY MONITORING AND OPTIMIZATION SYSTEM FOR MICROBIAL FUEL CELL BASED ELECTRICITY GENERATION	M.Tech	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. NETHRAVATHI S. Dr. B. VENKATESH	Mr. NAGENDRA REDDY H.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

165.	47S_BE_2236	WEARABLE HEART MONITOR FOR DETECTION OF BRADYCARDIA AND ATRIAL FIBRILLATION	B.E.	TELECOMMUNICATION ENGINEERING	Dr. C. GURURAJ	Ms. PALLAVI U. SHARMA Mr. SYED AFNAAN AHMED Ms. ANANYA HEBBAR	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	15-05-2024	NEFT Dr-P136240322802642-BMS COLLEGE OF ENGINEERING-IDIB000B605	72,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
166.	47S_BE_2591	DEVELOPMENT OF FRC BAFFLE BLOCKS FOR EFFICIENT ENERGY DISSIPATION ON CHUTE SPILLWAY TO CONTROL FLOODING	B.E.	CIVIL ENGINEERING	Mrs. ARCHANA K.	Ms. ANKITHA R. Ms. SUPRITHA A. R. Ms. SHEETAL L. Ms. SPARSHA K.	5,500.00
167.	47S_BE_2876	A TECHNO-ORGANIC APPROACH TO ENHANCE SLOPE STABILITY IN LANDSLIDE-PRONE ENVIRONMENTS	B.E.	CIVIL ENGINEERING	Mrs. SHIMNA MANOHARAN	Ms. P. V. SAI DEDEEPIYA Ms. PRAKRUTHI B. REDDY Ms. AATINA ALTAF Mr. SYED AFFAN	5,500.00
168.	47S_MCA_0048	SMART DOCTOR	M.C.A.	COMPUTER APPLICATIONS	Prof. DWARAKANATH G. V.	Mr. PRAMOD N. Mr. AKASH T. M.	5,500.00
169.	47S_BE_3127	VIRTUAL REALITY-BASED RURAL EDUCATION FOR IMMERSIVE LEARNING EXPERIENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SRIVANI P.	Mr. KARTHIK PRABHU Mr. JAYANTH R. Mr. KEVAL KRISHNA Mr. MOHAMMED YUSUF ISMAIL	5,000.00
170.	47S_BE_2557	ANALYSIS OF PHYSIOLOGICAL SIGNALS USING MACHINE LEARNING FOR INVOLUNTARY EMOTION DETECTION ON IOT DEVICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VIJAYALAKSHMI G. V.	Mr. ACHYUTHA GOWDA C. P. Mr. ALLA VAMSI KRISHNA Mr. LETI MANISH KUMAR	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

171.	47S_BE_2363	BRAIN CONTROLLED ROBOTIC ARM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. THEJASWINI S. Dr. SUMATHI M. S.	Ms. KAVYA C. V. Ms. AARVI SHARMA Ms. B. C. LIKITHA Ms. SWETHA D.	4,000.00
172.	47S_BE_2870	LEUKOLUMINARY: REVOLUTIONIZING LEUKEMIA DIAGNOSIS THROUGH ADVANCED MICROSCOPIC IMAGING AND MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. BHAVYA G.	Ms. SRI SOWMYA VISHNUBHOTLA Ms. SUCHITHRA R. Ms. SYEDA HAFSA NAAZ Ms. SAMIKSHA KUMARI	3,500.00
173.	47S_BE_2037	SOLAR TRACKING PV PANEL WITH AUTOMATED CLEANING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. RAVICHANDRA K. R.	Mr. TARUN R. Mr. VIJAY HEMANTH T. Mr. NAVEEN M. Mr. SHYLESH A.	6,500.00
174.	47S_BE_2458	SOLAR POWERED WIRELESS EV CHARGING SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. MALLIKARJUNA GOWDA C. P. Dr. SARITHA I. G.	Mr. AKASH M. Ms. DEEPTHI S. GOWDA Ms. DIYA S. Ms. MANSI LOHITASHWA	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	28-05-2024	NEFT Dr-P149240325299294-PRINCIPAL BMS INSTITUTE OF TECHNO MANAGEMENT- IDIB000A682	35,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272491DC	10,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
175.	47S_BE_3998	AUTOMATED WATER METER READER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHAYADEVI M. L.	Mr. PRAJWAL V. Mr. SAI ADITHYA A. Mr. RAHUL I. V.	5,000.00
176.	47S_BE_3758	AQUA ELIXIR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REKHA P. Dr. BHARATHKUMAR HEGDE	Ms. HARSHITHA K. S. Mr. B. K. KRUTIN Ms. KAVANA K. P.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	10,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
177.	47S_BE_3595	AMINO ACID SEQUENCING OF LIPASE ENZYME PRODUCED BY LYSINIBACILLUS MACROIDES FOR BIO-DIESEL PRODUCTION	B.E.	BIOTECHNOLOGY	Dr. JAYACHANDRA S. Y. Dr. SHILPA K. JIGAJINNI	Mr. YOHITH N.	7,000.00
178.	47S_BE_3549	PERFORMANCE OF GEO-SYNTHETIC ENCASED SINGLE AND GROUP OF STONE COLUMN WITH LAYERED SOIL	B.E.	CIVIL ENGINEERING	Prof. S. M. SHRINGERI	Ms. REETIKA C. BASUTKAR Mr. PRANAV Mr. VINAYAK METRI Ms. SUSHMITA S. HIREMATH	5,000.00
179.	47S_BE_3619	PERFORMANCE OF HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND FOR HOUSEHOLD WASTEWATER	B.E.	CIVIL ENGINEERING	Dr. JAYALATHA N. A.	Ms. SOUMYA G. PATTAR Ms. VAISHANVI P. HONAKUNTI Mr. MUBARAK B. M.	5,500.00
180.	47S_BE_2442	BRIDGING THE GAP: REAL-TIME SIGN LANGUAGE TRANSLATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. S. R. KARJOL	Mr. MOHAMMED MUJTABA M. MULLA Mr. ABHISHEK CHANNABASAVARAJ KINAGI Mr. AVANEESH N. DEVAREDDI Mr. PRAJWAL SIDDAPPA HALLUR	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

181.	47S_BE_2968	IOT BASED CONTROL MECHANISM FOR SOLAR PHOTOVOLTAIC BASED WATER PUMPS EMPLOYED FOR WATER DISTRIBUTION IN BEC CAMPUS.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BASANAGOUDA F. RONAD	Mr. RASOOL AHMED	5,000.00
182.	47S_BE_4126	FIRE FIGHTING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NAGARATHNA R. Dr. J. D. MALLAPUR	Ms. BHAGIRATHI MALLAPPA BAJANTRI Ms. GOUTAMI BASAVARAJ BHAVIKATTI Ms. KAVYANJALI S. AMMINABHAVI Ms. SAPNA BASAVARAJ YARANAL	5,500.00
183.	47S_BE_5025	ROBOTIC REHABILITATION FOR PARALYZED ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. B. VEERESH	Ms. TANUSHREE SURESH HUGAR Ms. ANUSHA MALLIKARJUN IJERI Ms. SPURTHI SANGAYYA CHOUKIMATH	6,500.00
184.	47S_MTech_0029	MICROBIAL FUEL CELL CONSTRUCTION FOR SUSTAINABLE BIO-ENERGY GENERATION AND WASTEWATER TREATMENT	M.Tech	ENVIRONMENTAL ENGINEERING	Dr. JAYALATHA N. A. Dr. G. B. MEGERI	Ms. SHAINAJ L. NAYKODI	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

185.	47S_BE_1746	CYPHER CAM USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHIDDALINGESH HIREMATH	Mr. ADARSH HIPPARAGI Mr. ANAND TIPPANNA AMBIGER Mr. ARUN LACHCHAPPA AMBIGER Mr. BASAVARAJ SHRISHAIL HALYAL	5,000.00
186.	47S_BE_1503	COMPARATIVE STUDY ON MECHANICAL PROPERTIES OF WASTE REINFORCED MUD-BRICKS	B.E.	MECHANICAL ENGINEERING	Dr. H.M. KADLIMATTI	Mr. SHRIRAM SINGH A. Mr. KASIMSAB ATTAR Mr. MOHAMMED AHMED MOINUDDIN	5,500.00
187.	47S_BE_5130	DESIGN AND FABRICATION OF 360 DEGREE ROTATING VEHICLE MECHANISM	B.E.	MECHANICAL ENGINEERING	Dr. R. S. NAIK	Mr. YALLALING S. BEDAR Ms. SWATI M. TALAGADE Mr. VISHAL P. BARIKAI Mr. MAHALINGESH H. KORI	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	62,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 26. B.V.V.S BILURUR GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
188.	47S_BE_0495	EXPERIMENTAL INVESTIGATION ON PAVEMENT QUALITY CONCRETE USING SANDSTONE AS FINE AGGREGATE.	B.E.	CIVIL ENGINEERING	Prof. SHARANBASAVA V. PATIL Mr. SHASIKUMAR AIHOLLI	Mr. PRAJWALGOUDA S. PATIL Mr. PRAVEEN S. KARAJAGI Ms. DIVYA NATIKAR Ms. PRIYANKA HUDED	4,000.00
189.	47S_BE_0497	DEFLUORIDATION OF GROUND WATER BY USING TAMARIND SEED AS LOW COST ADSORBENTS.	B.E.	CIVIL ENGINEERING	Prof. RUKIYA JAMADAR	Mr. VISHWANATH MALLAPPA TOTAGER Mr. NITISH V. HADIAMNI Ms. GOUTAMI S. KOLIGUDDA Ms. JOSNA S. RATHOD	5,000.00
190.	47S_BE_0343	CROWD PREDICTION FOR BUS LINES USING ARTIFICIAL INTELLIGENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VARUN P. SARVADE Prof. VINAYAK A. TELSANG	Mr. GOPAL R. CHENNI Ms. PRADNYA S. BILAGI Mr. DHANUSH J. YADAV Mr. NIRANJAN S. PURAD	4,500.00
191.	47S_BE_0512	AI BASED AGRO SMART RECYCLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VINAYAK A. TELSANG Prof. VARUN P. SARVADE	Ms. NIKITA B. MANE Ms. AKSHATA K. ANENNAVAR Mr. MOHAMMAD M. TAKKEKAR Ms. MANGAL S. NYAMAGOUD	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

192.	47S_BE_0323	"RAPID RESPONDER" - AN AUTOMATIC AMBULANCE RESCUE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SNEHA B. KOTIN Prof. VINAY SHETTAR	Ms. PREETI VENKANAGOUDA PATIL Ms. DEEPA G. BADIGER Ms. SUMITRADEVI CHANNAPPA MANGSULI	5,000.00
193.	47S_BE_0475	INTELLIGENT CRITICAL DATA AGGREGATION SCHEME FOR E-HEALTH MONITORING SYSTEM USING INTERNET OF THINGS (IOT)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. GURURAJ S. KORI Prof. VINAY S. SHETTAR	Ms. VEENA N. BHAVI Ms. SOUMYA B. GANJIHAL Ms. SUFIYA SHAIKH Ms. SWATI B. UPPAR	5,000.00
194.	47S_MBA_0105	A STUDY ON THE HEALTHCARE SERVICES IN GOVERNMENT HOSPITAL BAGALKOT DISTRICT	MBA	MBA	Mr. ROHIT VAJRAMATTI Mr. MD RAFIQ MALAGHAN	Mr. SHASHANK B. KOPPA Ms. TWINKLE PATEL Mr. GANGALING GHODAKE Mr. VIKAS S. KUMBAR	4,000.00
195.	47S_MBA_0156	AWARENESS AND INTEGRATING INTERNET OF THINGS IN AGRICULTURE	MBA	MBA	Mr. MD RAFIQ MALAGHAN Mr. ROHIT H VAJRAMATTI	Ms. NEHA S. NALAWADE Ms. MUBEENKOUSAR PIRAJADE Ms. SNEHA S. MULIMANI Ms. VAISHNAVI V. GALAGALI	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

196.	47S_BE_0449	SEEDS CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. M. D. KOMAR	Mr. RAZAK DANGI Mr. HARISHKUMAR D. ATAMATTI Mr. VISHWANATH DODAMANI Mr. SAGAR LAMANI	7,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	B.V.V.S BILURUR GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL	28-05-2024	NEFT Dr-P149240325299295-PRINCIPAL BILURU GURUBASAVA MAHASWAMIJIINSTOFTECH- UBIN0910198	33,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272631DC	9,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 27. 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.)
197.	47S_BE_2002	INTELE FRIDGE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. HEMAVATI	Ms. ARCHANA H. Ms. ANUPAMA J. Ms. K. RAJESHREE Ms. MEGHANA SAKARAY	5,000.00
198.	47S_BE_2496	KAKSHA ANUSHASAN NIGRAANI VYAVASTHA	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. B. M. VIDYAVATHI	Ms. ASHWINI Ms. KRITI SINHA Mr. SAI RAHUL V. Mr. TUKARAM H.	4,500.00
199.	47S_BE_4022	APPLICATION OF ARDUINO SENSORS FOR MOISTURE DETECTION AS AN EARLY WARNING SYSTEM FOR RAINFALL-INDUCED LANDSLIDE	B.E.	CIVIL ENGINEERING	Prof. RAVICHANDRA HONNALLI	Ms. ASMA BANU R. Ms. HEENA PARVEEN Mr. NIHAL RANJAN GOWDA Mr. L. KISHAN KUMAR	5,500.00
200.	47S_BE_4132	STUDY OF GEOTECHNICAL AND AGRICULTURAL PROPERTIES OF SEDIMENT DEPOSITED IN TUNGABHADRA DAM	B.E.	CIVIL ENGINEERING	Prof. VINAYKUMAR HUNAGUND Prof. RAVICHANDRA A. H.	Ms. D. PARVEZ BANU Ms. B. SUHANA Ms. SHILPA G. Ms. T. CHITRA	5,000.00
201.	47S_BE_4330	PREDICTION OF LAND SLIDE POINTS IN CHIKKMAGALURU DISTRICT BY USING GEO-SPATIAL TECHNIQUE	B.E.	CIVIL ENGINEERING	Mr. SYED SADATH ALI	Ms. ANUSHA P. S. Ms. BHOOMIKA VASTRAD Ms. SHIREEN M. Ms. T. SUMANTH	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

202.	47S_BE_3550	CAR PARKING SYSTEM USING ARDUINO UNO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. GIRIJA VANI G.	Ms. BHOOMIKA N. M. Ms. A. ANJALI KULKARNI Mr. SHIVA KUMAR U. Mr. U. RAHUL	5,000.00
203.	47S_BE_3552	CROP SUGGESTIVE SYSTEM THROUGH SOIL PROPERTY CHARACTERIZATION USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. MANJUNATH G.	Ms. T .BHAVITHA Ms. VAISHNAVI G. Ms. VINUTHA T. Mr. S. PAVAN KUMAR	5,000.00
204.	47S_BE_3567	SMART INFANT INCUBATOR USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SHILPA K. R.	Mr. GOUTHAM B. Mr. SAGAR K. Mr. SUDEEP SHURI SHETTRU Mr. GANESH T.	5,000.00
205.	47S_BE_3633	DESIGN AND DEVELOPMENT OF A SELF-BALANCING TWO WHEELER ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. UDAY RAJ KUMAR	Mr. K HIMANTH RAJ Mr. KALLAMADI MURALI KRISHNA Mr. MONISH V Mr. VILAS V. KHASNIS	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI	28-05-2024	NEFT Dr-P149240325299298-BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT-PKGB0010977	40,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272621DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 28. 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.)
206.	47S_BE_0257	BLOCKCHAIN TECHNOLOGY FOR SUPPLY CHAIN MANAGEMENT IN FOOD INDUSTRY	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. JYOTHI D. G. Prof. SHRUTHIBA A.	Mr. JAYANTH HEGDE Mr. THEJAS B. P. Mr. VIKHYATH Mr. TEJAS C.	3,000.00
207.	47S_BE_3141	EFFECT OF STEEL SLAG AND RECLAIMED ASPHALT PAVEMENT (RAP) ON MOISTURE SUSCEPTIBILITY AND FATIGUE CHARACTERISTICS OF STONE MASTIC ASPHALT MIX	B.E.	CIVIL ENGINEERING	Mr. S. POORNACHANDRA THEJASWI	Mr. VIDHATH S. V. Ms. TEJASWINI T. Mr. NITHISH K. M. Ms. YOGESHWARI D. M.	5,000.00
208.	47S_BE_3182	EXPERIMENTAL STUDIES ON JUTE FIBRE AND ARECA FIBRE USED AS FIXED AERATED BEDS FOR DOMESTIC WASTE WATER TREATMENT	B.E.	CIVIL ENGINEERING	Mrs. KAVANA S. Dr. VATHSALA	Mr. RITESH VINAYAK M. Mr. THARUN KUMAR H. Mr. RAHUL RAO A. Mr. ROHITH A.	5,000.00
209.	47S_BE_0651	SOLAR: E-VAULT FOR LEGAL RECORDS USING SOLANA AND ARWEAVE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. HEMAVATHI P. Prof. ASHWINI T. N.	Mr. VAITHEESWARAN J. Mr. ULLAS B. R. Ms. SHIVANI Mr. YATISH S. GOWDA	5,000.00
210.	47S_BE_1259	UNDERSTANDING SOLAR ACTIVITY PATTERNS WITHIN A SOLAR CYCLE USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. M. S. BHARGAVI	Ms. DISHA K. SANKETH Ms. DEEKSHA DEEPAK Ms. DEVIKA U. H. Ms. GAYATHRI R.	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

211.	47S_BE_1284	FEDERATED LEARNING APPROACH FOR ORAL CANCER DETECTION USING CNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNANDA H. G.	Mr. CHETHAN R. D. Mr. C. T. ADITYA Mr. DEEKSHITH GOWDA Mr. KIRAN R.	4,000.00
212.	47S_BE_1698	ENHANCING AUTISM DIAGNOSIS THROUGH MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHALAKSHMI C. V.	Ms. SNEHA C. J. Ms. SOWMYA KANCHAN Ms. TEJASHWINI A. M.	4,000.00
213.	47S_BE_0428	SMARTPAVE: IOT BASED SYSTEM FOR REAL TIME POTHOLE DETECTION, TRACKING AND MAINTENANCE.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHAVYA K. B.	Ms. VARSHA V. Ms. SOUJANYA S. Ms. VARSHA B. S. Ms. VYSHNAVI S. C.	4,500.00
214.	47S_BE_3190	DESIGN AND IMPLEMENTATION OF ENERGY HARVESTING AND POLLUTION CONTROL USING NANO TREE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KALPANA A. B.	Ms. SMRUTHI B. Ms. SPOORTHI M. Ms. SOMISETTI V. TEJASWI	5,000.00
215.	47S_BE_3561	LANDSLIDE DISASTER MANAGEMENT USING IOT AND MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RADHA B. L. Ms. TEJASWINI B. M.	Mr. PRATHEEK K. P. Mr. MRINAL KAKANUR Ms. PALLAVI G. U. Ms. NIDHI V. J.	5,000.00
216.	47S_BE_4708	DESIGN OF LOW POWER SRAM IN 45NM CMOS TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. L. MUKTHI	Mr. VIJAYRAJ SADASHIVA MADAGUNDI Mr. VARUN O. Mr. THEJAS K. R.	4,000.00
217.	47S_BE_1963	GESTURE CONTROLLED SMART SHOPPING TROLLEY FOR DISABLED INDIVIDUALS	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mrs. VIDYA S. S.	Ms. SHREYA G. BHAT Ms. DEVIKA R. Ms. NIKITHA R. Ms. PREETHI R.	6,500.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

218.	47S_BE_2523	SOLAR POWERED CREDIT BASED CHARGING SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. ASWATHAPPA P.	Mr. AMITH R. KULKARNI Mr. CHANDAN K. Mr. CHINMAY SUBHASCHANDRA BHAT Ms. SUPRITHA S.	6,500.00
219.	47S_BE_0411	DYNAMIC MOTION CAPTURING	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. M. RAJESWARI	Mr. DEV S. SHAH Mr. ANIL KUMAR S. Mr. TARUN PATEL B. R. Mr. VIJAY KUMAR	5,000.00
220.	47S_BE_0390	SOLAR BASED WIRELESS EV CHARGING SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Mr. SHRUTHI N. Prof. N. CHETAN ANAND	Mr. SRUJAN S. GOWDA Ms. KRUPA R. Mr. SANJAY M. C. Mr. SRINIDHI G. N.	5,500.00
221.	47S_BE_0410	AUTOMATIC DETECTION OF FOREIGN OBJECTS DEBRIS ON RUNWAYS	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. M. RAJESWARI	Ms. PRAKRUTHI D. S. Ms. AKSHAYA B. N. Ms. SHILPASHREE L. R. Ms. VARSHITHA M. P.	5,500.00
222.	47S_BE_0412	IOT BASED PORTABLE VENTILATOR	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. MANJULA A. R.	Mr. LAKSHMEESHA M. Mr. MIHIR VENKAT SUDARSHAN Mr. PRANAV A. Ms. SNEHA B. S.	5,500.00
223.	47S_BE_0434	HOLOGRAPHIC VIDEO VISUALIZER WITH GESTURE CONTROLER	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Prof. RANJANA K.	Mr. SACHIN SAGAR C. S. Ms. POOJA B. K. Mr. NISHANTH PATEL S. R. Mr. SWASTHIK	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

224.	47S_BE_0930	MAPPING FLOOD AFFECTED BUILDING AND ASSESSING DEPTH USING AERIAL IMAGERY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. M. SHILPA	Mr. DHEERAJ YADAV Mr. DEBAN K. R. SHAHI Mr. MD. NAJISH Ms. SADHANA N. S.	5,000.00
225.	47S_BE_1113	NLP-BASED LEGAL CHATBOT: EMPOWERING USERS WITH DYNAMIC TEXT GENERATION FOR LEGAL ADVICE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ASHA T.	Mr. ANISH VENKAPPA VANTAGODI Ms. ISHITA SINGHAL Ms. JANHVI SINGH Ms. POOJA HARIHAR	4,500.00
226.	47S_BE_2380	BLOCKCHAIN-POWERED ESCROW: BUILDING DIGITAL CONFIDENCE (TRADECONNECT)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MERCY S.	Mr. RAJ KUMAR Mr. RAJ BAGARIA Ms. SHREYA Ms. SHREYA NARAYAN	4,000.00
227.	47S_BE_2537	DECENTRALISED EXCHANGE PLATFORM ON ETHEREUM BLOCKCHAIN USING CPMM ALGORITHM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. MERCY S.	Mr. SUDHANSHU SHEKHAR Mr. SOURABH KUMAR SINHA Mr. SHIVANSHU DEV Mr. ADITYA ARYAN	4,000.00
228.	47S_BE_3208	VIRTUAL DRESSING ROOM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PAVITHRA N. Dr. MERCY S.	Mr. ROHAN H. RAJ Ms. ITISHREE BARIK Mr. NITHESH NAG C. Mr. TANISH C. S.	5,000.00
229.	47S_BE_3116	AUTONOMOUS UNMANNED GROUND VEHICLE FOR MILITARY SURVEILLANCE	B.E.	MECHANICAL ENGINEERING	Dr. M.K. PRASANNA KUMAR	Mr. NISHCHAY S. N. Mr. PAVAN D. KAKADE Mr. SOHAM S. Mr. TARUN	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

230.	47S_MTech_0099	PREDICTIVE ANALYSIS OF DUST LEVELS OF ENVIRONMENT USING REGRESSION ALGORITHM IN ARDUINO UNO	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	Prof. THEJASWINI B. M.	Mr. GIREESHA K.	4,000.00
231.	47S_MTech_0103	ENHANCEMENT OF IOT BASED EARLY DETECTION AND ALERTING OF FLOOD USING ARDUINO UNO WITH WI-FI MODULE	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	Dr. MUKTHI S. L.	Mr. DHEERAJ K. S.	4,500.00
232.	47S_MTech_0105	TRANSFORMING ELDERLY CARE WITH UNIFIED WEARABLE HEALTH MONITORING AND INTELLIGENT MEDICATION MANAGEMENT TO ENHANCE OVERALL WELL-BEING SEAMLESSLY	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	Dr. JALAJA S.	Ms. HARSHITHA B. R.	5,000.00

Note: The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	1,14,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272761DC	15,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 29. 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.)
233.	47S_BE_4266	ENHANCE USER EXPERIENCE OF OLDER ADULTS WITH SPEECH BASED INTELLIGENT PERSONAL ASSISTANT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHRUTHI H. Mrs. SRUJANI J.	Ms. BHAVANA K. Mr. CHANDAN GOWDA N. Mr. VIJAY KUMAR G. S.	5,000.00
234.	47S_BE_5446	THE TIME SERIES PRODUCTION OF AGRICULTURE PRODUCTS PRICE BASED ON TIME ALIGNMENT OF RNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SRUJANI J. Mrs. SHYLAJA D N	Ms. TANUJA H BANAKAR Ms. AYESHA SIDEEQA Mr. SOURAV ANAND Ms. SOUNDARYA SINNUR	4,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	4,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273001DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 30. 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.)
235.	47S_BE_4109	AN EXPERIMENTAL STUDY ON STRENGTH AND DURABILITY CHARACTERISTICS OF ECO-FRIENDLY MYCELIUM BRICKS	B.E.	BIOTECHNOLOGY	Prof. SHRUTHI S. R. -	Ms. AMISHA N. SOPPIN Ms. ANUSHA PUJAR Ms. NIDHI S. Ms. SHREELAKSHMI M. B.	7,000.00
236.	47S_BE_4483	OPTIMIZATION OF BACTERIAL SOIL PIGMENTS AS FABRIC BIOSYNTHETIC MATERIAL	B.E.	BIOTECHNOLOGY	Dr. SURESH B.	Ms. BHAVANA V. Ms. ASHWINI V. Ms. DAPHNY VALENCIA N. Ms. DIVYA SHILPA U.	5,500.00
237.	47S_BE_2398	MANUFACTURING OF BIOSORBENT AND COMPARING ADSORBENT FOR EMERGING CONTAMINANT REMOVAL	B.E.	CHEMICAL ENGINEERING	Mr. SRINIDHI R. KULKARNI Mr. AMARNATH P. C.	Mr. K. P. HEMANTH Mr. M. SAISRINIVAS	5,000.00
238.	47S_BE_3347	OPTIMIZATION STUDIES ON ADSORPTION EFFICIENCY OF LOW COST ACTIVATED ORANGE PEELS FOR THE REMOVAL OF METHYLENE BLUE DYE	B.E.	CIVIL ENGINEERING	Mrs. SUMANA Y. B.	Ms. SIRISHA N. V. Ms. NIKSHITHA R. P. Mr. SHAIK ABDUL RAHIM N. Ms. SHREEDEVI	4,000.00
239.	47S_BE_3535	STUDY ON EFFECTS ON AGRICULTURAL FERTILIZERS ON SURFACE AND SUBSURFACE WATER SOURCES	B.E.	CIVIL ENGINEERING	Mrs. PRIYANKA N.	Mr. TARUN K. B. Mr. SUMANTH B. C.	5,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

240.	47S_MCA_0052	DEEP LEARNING BASED FACE SKIN CANCER CLASSIFICATION SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. SHANKARAGOWDA B. B.	Ms. BINDHU M. C. Ms. AKSHATHA D. N.	5,000.00
241.	47S_BE_0090	EXPLORATION OF EXPLAINABLE DEEP LEARNING MODEL FOR CLASSIFICATION AND ANALYSIS OF ALZHEIMER'S DISEASE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRADEEP N. Prof. BHARATH H. C.	Ms. A. LASYA PRIYA Ms. BHOOMI SHREE C. P. Mr. MANOJ BHAVIHAL Mr. SWAROOP ARADHYA N. M.	4,500.00
242.	47S_BE_2678	BLOCK CHAIN BASED CLOUD FILE SHARING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHETANA PRAKASH	Mr. ABHISHEK V. Mr. ANOOP M. Mr. SAGAR K. R. Mr. ADITYA D. BENKIKERE	3,500.00
243.	47S_BE_1435	AGRICULTURAL UTILITY VEHICLE WITH FIELD MONITORING USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHIVAKUMARASWAMY G. M.	Mr. SURAJ PRAKASH KADUR Ms. PRIYANKA NINGAPPA NAREGAL Ms. SAHANA RAMESH METI Ms. SNEHA RAMESH SORATUR	5,000.00
244.	47S_BE_3676	IOT AND ML BASED CROP RECOMMENDATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. RADHIKA PRIYA Y. R.	Ms. JAHNAVI G. S. Ms. LAKSHMI K. M. Ms. PUSHPAVATHI CHIKKOL C. V. Mr. CHANDHU M. P.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

245.	47S_BE_1676	LEPROSY IDENTIFICATION WITH AI ANALYSIS BY INTEGRATING SKIN LESION IMAGES AND CLINICAL DATA	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. POORNIMA B.	Ms. NAYANA R. Ms. ASHWINI P. Ms. HARSHITHA G. M. Ms. NIKHITHA G. P.	4,500.00
246.	47S_BE_3677	CHARGING STATION FOR E-VEHICLE USING SOLAR WITH IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. MADHURI MARTIS	Mr. LINGARAJU M. Mr. MOHITH H. GIRIYAPUR Mr. NAGABHUSHAN B. V. Mr. NITHIN K. K.	5,000.00
247.	47S_BE_5101	HYBRID SYSTEM FOR DETECTING DISEASES ON BANANA PLANT LEAVES WITH SUITABLE PESTICIDE RECOMMENDATIONS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PATIL N. S.	Mr. SUDEEP S. HALIGONDRA Mr. CHETHAN V. Mr. ABHISHEK G. M. Mr. ANMOL S. R.	4,000.00
248.	47S_BE_1918	SYNERGY OF SUN AND WIND ENERGY: A HYBRID POWER GENERATION SYSTEM WITH DUAL AXIS SOLAR PANELS AND VAWT	B.E.	MECHANICAL ENGINEERING	Dr. A. B. VINAYAKA PATIL	Mr. S. R. JEEVAN Mr. VYSHAK KUMAR B. S. Ms. SHRUTI KULAGOD Mr. DEEKSHITH YADAV T. S.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	15-05-2024	NEFT Dr-P136240322802645-DIRECTOR BAPUJI INSTITUTE OF ENGINEERING AND TECH- SBIN0040361	68,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 31. 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.)
249.	47S_BE_2871	APPLYING ARTIFICIAL INTELLIGENCE TO WEARABLE SENSOR DATA TO DIAGNOSE & PREDICT CARDIOVASCULAR DISEASE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. VIRESHA SUGOOR	Mr. PAWAN RAJU Ms. NIKITA Ms. KASTURI Mr. ASHISH	5,000.00
250.	47S_BE_5433	IOT BASED ANTI-SMUGGLING SYSTEM FOR TREES IN FOREST USING WSN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. KEERTIRANI	Ms. VAISHNAVI Ms. SANJANA	4,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	BASAVAKALYAN ENGINEERING COLLEGE, BASAVAKALYANA	28-05-2024	NEFT Dr-P149240325299302-PRINCIPAL BASAVAKALYAN ENGINEERING COLLEGE- HDFC0002098	4,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273061DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 32. 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.)
251.	47S_BE_3872	FOREST FIRE RISK ZONE MAPPING USING GIS AND AHP METHOD: A STUDY OF BHADRA WILDLIFE SANCTUARY, CHIKKAMAGALUR, KARNATAKA	B.E.	CIVIL ENGINEERING	Prof. ALEEMA SAFA	Mr. KALANDAR Mr. MUHAMMAD ALI NAFFAH Mr. YUNUS AUSAF QAMAR	5,000.00
252.	47S_BE_4497	SEISMIC ANALYSIS AND DESIGN OF BEARYS PHARMACY COLLEGE BUILDING FOR ADEQUACY AND RECOMMENDING SUITABLE RETROFITTING	B.E.	CIVIL ENGINEERING	Dr. PURUSHOTHAMA C. T.	Mr. MOHAMMED HASHIM M. Mr. ABDUL MANNAN ZAKEER Mr. MOHAMMED AHAMADUL MAHAMOOD Mr. NOHA SHELDEN DSOUZA	4,500.00
253.	47S_BE_0429	AN INNOVATIVE IT SOLUTION FOR CONVENIENT AND HEALTHY FOOD DELIVERY IN PG'S	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MOHAMMED SINAN MARIKATTYNAMMA	Mr. ABHISHEK C. A. Mr. MOHAMMED RAAKIN Mr. MOHAMMED NAWAF Mr. MOHAMMED RUFAID AMAAN	4,500.00
254.	47S_BE_0517	WEB PLATFORM FOR HANDYMAN SERVICES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NUSAIBA	Mr. MUHYADDIN MAZIN Mr. ABDUL MAJEED Mr. MAHAMMAD ASIR Mr. MAHAMOOD THASREEF	3,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

255.	47S_BE_1544	DESIGN AND FABRICATION OF BEACH CLEANING ROBOT	B.E.	MECHANICAL ENGINEERING	Dr. SANDEEP NAMBIAR S.	Mr. ABDULLA JUNAID CH Mr. MOHAMMED AZZAH K. A. Mr. PAWAN KUMAR	7,000.00
256.	47S_BE_2983	DESIGN AND FABRICATION OF PORTABLE WIND ENERGY CONSERVATION SYSTEM FOR STREET ELECTRICAL LIGHTENING FOR REMOTE AREAS	B.E.	MECHANICAL ENGINEERING	Dr. IMRAN MOKASHI	Mr. MK SYED TANVEER AHMED Mr. MOHAMMED SHAHE JAHAN Mr. MD ZAWED EQUBAL Mr. MAHAMMAD SHAFI	7,000.00
257.	47S_BE_3957	SEA WATER CONVERTED TO DRINKING WATER USING PEDAL POWER WITH SOLAR POWER	B.E.	MECHANICAL ENGINEERING	Dr. MOHAMED KAFEEL DELVI	Mr. MAHAMMAD ASHFAK Mr. AHMED SHAHIN Mr. MAHAMMAD FAZIL Mr. MAHAMMAD ZAMSHID	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	15-05-2024	NEFT Dr-P136240322802647-THE PRINCIPAL BEARYS INSTITUTE OF TECHNOLOGY-BARB0VJKNJE	38,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
258.	47S_BE_2754	JARVIS THE COMPANION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAMATHA M.	Mr. ABU BAKKAR Mr. AKASH HIREMATH Mr. AMRUTHAIAH S. Mr. JAI PRANITH M.	5,000.00
259.	47S_BE_4919	DEONE WITH AUTO CONTROL LAND MEASUREMENT AND SELF-CHARGING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. J. BHARATHI Prof. MAMATHA M.	Mr. P. CHANDRU Ms. BHAVANI M. Ms. HEMAVATHI S. Ms. TRISHA R.	5,000.00
260.	47S_BE_3207	EARLY PREDICTION OF LIFESTYLE DISEASES (CARDIAC ARRYTHMIAS)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ARUNKUMAR A. S.	Ms. KUSUMA M. Ms. ANITHA T. M. Ms. M. HARSHITHA REDDY Ms. YASHASWINI R.	4,500.00
261.	47S_BE_5325	USING DEEP LEARNING FOR REAL TIME OBJECT DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ROOPA H. L.	Ms. NAYANA C. Ms. BUSHRA KULSUM Ms. MANISHA V. Mr. ASHWANI RAJ	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299305-BRINDAVAN COLLEGE OF ENGINEERING-SBIN0015642	14,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272991DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
262.	47S_BE_4093	STABILIZATION OF LITHOMERGIC SOIL USING CEMENT AND WASTE SHEERED TYRE CHIPS	B.E.	CIVIL ENGINEERING	Prof. VEDAVATHI R. P. Dr. SHIVARAJU R.	Mr. GAJENDRA B. G. Mr. RAHUL REDDY B. Mr. SHIVANANDA N. V. Ms. SHENAPRIYA C. M.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	28-05-2024	NEFT Dr-P149240325299307-PRINCIPAL CBIT-KARB0000424	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
263.	47S_MCA_0035	E-VAULT FOR LEGAL RECORD KEEPING SERVICE	M.C.A.	COMPUTER APPLICATIONS	Dr. VAKULA RANI J.	Mr. A. R. SAI TEJAS Mr. MANJUNATHA Mr. ANISHKRISHNA N. Ms. LIKHITHA G.	5,000.00
264.	47S_BE_2641	BIOCHEMICAL INSPIRED REMEDIATION OF EFFLUENT WASTE WATER USING POLY BASED BIO FILTERS FOR CONVENTIONAL FARMING APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. K. VENKATESWARAN Dr. L. NIRANJAN	Mr. CHARAN K. N. Mr. MANU H. S. Mr. HANUMANTHA M. Mr. NANDAN KUMAR C. L.	5,000.00
265.	47S_BE_2700	DESIGNING AN INNOVATIVE AUTOMATED SEED SPROUTING SYSTEM CATERING TO THE UNIQUE NEEDS OF THE ELDERLY AND ATHLETIC INDIVIDUALS.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NIRANJAN L. Dr. VENKATESWARAN K.	Mr. RANJITHKUMAR N. Mr. PUNEET M. Mr. RAJESH T. G. Mr. RATNADEEP	5,000.00
266.	47S_BE_4332	MINDMATE: A PSYCHOLOGY CHATBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SRIVIDYA R	Ms. SANJANA RAJPUT Ms. SAPNA NAIDU	4,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

267.	47S_MBA_0047	ASSESSING THE ACCEPTABILITY OF WOMEN HEALTHCARE INTERVENTIONS: AN EXPLORATORY STUDY IN BANGALORE RURAL DISTRICT	MBA	MBA	Dr. UMA LAKSHMI K. Dr. REMA GOPALAN	Mr. CHIRAG G. Ms. TASNEEM KHANUM S.	4,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299311-CMRIT PRINCIPAL-BKID0008434	19,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273021DC	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 36. C.M.R. UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
268.	47S_BE_4116	DETERMINATION OF MEDICINAL LEAF PROPERTIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PARAMESWARAN T.	Mr. YERRAGUNTA SRUJAN Mr. IRRI CHAANAKYA NITHIN SAI Mr. K. LALU PRASAD Mr. M. JEEVAN KISHORE REDDY	5,000.00
269.	47S_BE_5379	FACIAL RECOGNITION FOR IOT BASED APPLICATION USING DNN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ROOPESH R.	Mr. PUNITH KUMAR K. S. Mr. SHARATH REDDY R. Mr. VARUN KUMAR K. R. Mr. SACHIN A. J.	3,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
C.M.R. UNIVERSITY, BENGALURU	28-05-2024	NEFT Dr-P149240325299316-CMR UNIVERSITY SCHOOL OF ENGI AND TECHNO-SBIN0040920	8,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 37. C.M.S 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.)
270.	47S_MBA_0036	CYBERSECURITY POLICY FRAMEWORK FOR SECURING HEALTHCARE DATA	MBA	BUSINESS ANALYTICS	Dr. LUBNA AMBREEN Dr. PRAVEEN GUJJAR	Mr. SAGAR BHANDARI Mr. ASHUTOSH KUMAR	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
C.M.S BUSINESS SCHOOL, JAIN (DEEMED-TO-BE UNIVERSITY), BENGALURU	15-05-2024	NEFT Dr-P136240322802648-JAIN UNIVERSITY-KVBL0001315	3,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 38. 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.)
271.	47S_BE_4231	GENERATIVE AI(GEN AI) BASED VIDEO GENERATION FOR CLASSICAL DANCE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. D. ANTONY LOUIS PIRIYAKUMAR Prof. R. GEETHA	Mr. GIRISH CHANDRA SAXENA Mr. MOHAMMED ADNAN Ms. VIDYA BHARTI Mr. ABHISEKH KUMAR	5,500.00
272.	47S_BE_4366	POLYPHONIC MIND: INTELLIGENT MULTIMODAL CONVERSATIONAL AI WITH TEXT, IMAGE AND AUDIO INTEGRATION USING NLP AND DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. R. GEETHA Dr. D. ANTONY LOUIS PIRIYAKUMAR	Mr. P. AADITYA Ms. T. SHIVANI Ms. DEEPASHREE L. Ms. LISHA M.	5,500.00
273.	47S_BE_2768	AUTOSUMMARIZE: EMPOWERING DIGITAL LITERACY WITH AI TEXT SUMMARIZATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JAYANTHI M. G. Dr. SHASHIKUMAR D. R.	Ms. DIVYA KRISHNA POOJARI Ms. M. SRAVANI Ms. LAHARI A.	4,000.00
274.	47S_BE_1968	RISC-V ENABLED AUTOMATED OSCILLOMETRIC PRESSURE MONITORING DEVICE FOR SUPINE PRESSOR TEST	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. G. INDUMATHI Dr. A. CHRISPIN JIJI	Ms. SHIRISHA G. P. Ms. SHARADA P. Ms. SPANDANA K. J. Ms. USHA S. M.	5,000.00
275.	47S_BE_4482	FPGA IMPLEMENTATION OF IMAGING UNIT FOR GROUND PENETRATING RADAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. CYRIL PRASANNARAJ P.	Mr. SACHIN C. Mr. RAGHAVENDRA P. Mr. SACHIN P. V. Mr. SAGAR H. P.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

276.	47S_BE_4664	CAMOUFLAGE ROBOT FOR ADVANCED MILITARY APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GEETANJALI P. Mr. SANDEEP KUMAR	Mr. PRAJWAL C. Mr. SHASHANK M. Mr. HARSHAVARDHAN M. Mr. D. LAVA KUMAR	5,000.00
277.	47S_BE_1614	FIRE FIGHTING ROBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. BHARANI	Mr. VINAY N. Mr. VASU M. Mr. YASHAS V.	5,000.00
278.	47S_BE_1884	REAL-TIME MONITORING OF MACHINE HEALTH IN PHARMACEUTICAL MANUFACTURING VIA VIBRATING SENSING - AN INDUSTRIAL IOT APPLICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. JAYASHREE N.	Ms. RAKSHITHA A. Ms. MEGHANA D. Ms. ROHITHA K. N. Ms. SHARANYA V.	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299320-PRINCIPAL CAMBRIDGE INSTITUTE OF TECHNOLOGY- FDRL0001561	25,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273041DC	14,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 39. 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.)
279.	47S_BE_0194	CORNCARE : PLANT DISEASE DEFENDER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUKSHMA SHETTY	Mr. SHREYAS K. S. Mr. SHASHANK KINI Mr. SRIRAM M. V. Mr. UDAY GANAPATI MARATHI	4,000.00
280.	47S_BE_0197	SMART TOLL COLLECTION SYSTEM USING GPS AND GEOFENCING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. AJAY S. SHET	Mr. K. TEJAS PRABHU Mr. ANIRUDH RAO Mr. DARSHAN N. SHETTY Mr. KARTHIK DEVADIGA	4,500.00
281.	47S_BE_0203	VIRTUDINE : DISCOVER NUTRIENT RICH FLAVORS THROUGH PIXELS USING AUGMENTED REALITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RAJGOPAL K. T.	Ms. KSHAMA BHAKTHA Mr. ADARSH M. SHENOY Ms. DIVYA D. SHET Mr. NAGARAJA THAMANKAR	4,000.00
282.	47S_BE_0227	LOCATION BASED MOBILE CONFIGURING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NAMITA A. AMDALLI	Mr. GOUTHAM Ms. NIDHI SHASHI KUMAR Mr. CHETHAN KUMAR K. V. Mr. BHARATH M. G.	4,500.00
283.	47S_BE_0239	A BLOCKCHAIN-BASED COUNTERFEIT PRODUCT IDENTIFICATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. KISHOR SHIVATHAYA S.	Mr. SATHWIK SADASHAY V. Mr. SHRIVATSA Mr. SHASHANK S. Mr. SHREYAS S.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

284.	47S_BE_0242	SMARTCROP- A LOCAL CROP RECOMMENDATION SYSTEM USING MACHINE LEARNING FOR DAKSHINA KANNADA REGION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. JANARDHANA BHAT K.	Ms. PRATHAM BHANDARY Ms. RANJITA MALLYA Ms. SWARNA KAMATH	2,500.00
285.	47S_BE_0810	LOW-COST MYOELECTRIC PROSTHETIC ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DAYANAND G. K.	Mr. ADITYA P. Mr. SAMEER HEGDE Ms. AMEL RAYAZ BAILUR Ms. NISHA SHETTY	5,500.00
286.	47S_BE_1065	NON-INVASIVE TEMPERATURE AND BLOOD GLUCOSE LEVEL DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. RAJITHA A. A.	Mr. ABHISHEK SHETTY Mr. NAGARAJ NITYANAND SHETTY Mr. SAMARTH SHETTY Mr. YOGISH B. PRABHU	5,500.00
287.	47S_BE_0104	DETECTION OF GASTRIC CANCER THROUGH ADVANCED ENDOSCOPIC IMAGING TECHNOLOGY USING CNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHILPA B.	Ms. ASHWINI K. HEGDE Ms. CHAITHANYA G. PUTHRAN Ms. JAYASWI Ms. RACHANA	5,000.00
288.	47S_BE_0132	INTELLITEXT: DIGITAL RECOGNITION OF HANDWRITTEN TEXT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. VASANTH NAYAK	Mr. SHRAVAN G. AMIN Ms. SHREESHA SHETTY Ms. SHWETHA PRABHU	4,500.00
289.	47S_BE_0135	RAMBUTAN FRUIT SWEETNESS PROFILING: INTEGRATING TECHNOLOGY FOR ENHANCED CLASSIFICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SUSHMA M. D.	Ms. MEGHASHREE KAMATH Ms. ANJANA GANAPATI BHAT Ms. DEEKSHITHA Ms. VARSHINI R. NAYAK	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

290.	47S_BE_0167	SOLAR SEA WATER DESALINATION MACHINE WITH RO AND UV PURIFIER	B.E.	MECHANICAL ENGINEERING	Mr. GOWRISH NAGVEKAR B.	Mr. NITESH NAGARAJ NAYAK Mr. SUMANTH SHENOY D. S. Mr. AMARANATH Mr. K. ABHAY PRABHU	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
CANARA ENGINEERING COLLEGE, MANGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	55,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 40. 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.)
291.	47S_BE_1124	IMPACT OF CLIMATE CHANGE ON SURFACE WATER - ANALYSIS USING MACHINE LEARNING	B.E.	CIVIL ENGINEERING	Mrs. RAMYA H. N. Prof. PRATHAP G. P.	Mr. SURAG Mr. G. N. DEEPU PATEL Ms. NIHARIKA ROY H. Mr. VARUN G. S.	5,000.00
292.	47S_BE_1738	STATISTICAL ANALYSIS AND WEATHER PREDICTION USING MACHINE LEARNING MODEL	B.E.	CIVIL ENGINEERING	Mr. MANJUNATHA M. KATTI	Mr. SUDRASHAN K. Mr. CHARAN B. Mr. TONTADHARYA M. G. Ms. VIMALA B.	4,500.00
293.	47S_BE_1931	A CASE STUDY OF AIR POLLUTON AND NOISE POLLUTION OF TUMAKURU CITY	B.E.	CIVIL ENGINEERING	Mr. AJITH KUMAR R.	Mr. CHETHAN PAVAN KUMAR L. Mr. DHANUSH K. L. Mr. HARSHITH N. Mr. AKHILA G. R.	5,000.00
294.	47S_BE_2031	A SUSTAINABLE APPROACH TO HYDROPOWER GENERATION FROM SEWAGE TREATMENT PLANT-WORKING MODEL.	B.E.	CIVIL ENGINEERING	Mr. VINAYAK RAO S. R.	Mr. ANEESH KUMAR R. Ms. HEMAPRIYA D. J. Mr. LEPAKSHA R. G. Mr. RAVIKUMAR V.	6,500.00
295.	47S_BE_2610	THE SUSTAINABLE AND SMART IRRIGATION SYSTEM USING IOT	B.E.	CIVIL ENGINEERING	Mr. SIDDARTHA B. H.	Mr. GANESH G. Ms. ASHA B. K. Mr. MARUTHI T. H. Mr. KUSHAL B. J.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

296.	47S_BE_2781	DECENTRALIZED CROWDFUNDING USING BLOCKCHAIN SMART CONTRACT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHANTALA C. P.	Ms. RASHMI M. R. Ms. SHUBHAPRADA K. Mr. MANISHKA C. M. Mr. MOHAN KUMAR M.	4,500.00
297.	47S_BE_2821	CYBER POLL PROTECTION FORTIFYING ELECTIONS AGAINST VIRTUAL TAMPERING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHANTALA C. P.	Ms. PREETHI M. Mr. RAHUL S. Ms. REKHASREE R. K. Mr. MOHAN K. S.	4,500.00
298.	47S_BE_5317	HYBRID IOT BASE NAVIGATED ELECTRIC SHIP	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. MANJUNATHA M. N.	Ms, SOWMYA H. O. Ms. ANUSHA R. P. Ms. PALLAVI C. Ms. RAMYA S.	4,500.00
299.	47S_BE_4439	SMOG BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SURESH D. S.	Ms. NAMRATHA M. Ms. POOJA SHREE V. S. Ms. MONISHA D. G. Ms. LOKANA N.	5,000.00
300.	47S_MBA_0104	PERPETUAL ELECTRICITY GENERATION THROUGH MAGNETISM	MBA	FINANCE AND HUMAN RESOURCE	Dr. RAJENDRA KUMAR M. S.	Mr. GIRISH T. M. Ms. DEEKSHA R.	1,750.00
301.	47S_BE_3592	MULTIMAKER FOLDABLE MODUMACH	B.E.	MECHANICAL ENGINEERING	Prof. NATESH C. P.	Mr. NAGENDRA PRASAD G. Mr. HARISH GOWDA H. Mr. DARSHAN G. V. Mr. SANTHOSH KUMAR C. M.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY	15-05-2024	NEFT Dr-P136240322802650-CHANNABASAVESHWARA INSTITUTION OF TECHNOLOGY-SBIN0016486	53,250

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 41. 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.)
302.	47S_BE_0397	INTEGRATING SCR TECHNOLOGY WITH CCS FOR SUBSTANTIAL EXHAUST EMISSION REDUCTION	B.E.	AUTOMOBILE ENGINEERING	Dr. RAVIKUMAR R. Prof. KIRAN K.	Mr. ROYCE MATHEW JOSEPH Mr. ABHISHEK TRIPATHI Mr. ATIF RAZA	7,000.00
303.	47S_MTech_0095	REAL-TIME MONITORING AND CONSERVATION FOR GROUNDWATER DEPLETION WITH THE HELP OF CENTRALIZED BOREWELL	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. MANOHAR M.	Mr. AJAYRAJ C.	5,000.00
304.	47S_BE_0373	ECOFLOW AQUUBBOT - UNMANNED ALLY FOR PRISTINE PONDS AND EFFORTLESS WATER CLEANING	B.E.	MECHANICAL ENGINEERING	Prof. KIRAN K. Dr. RAVIKUMAR R.	Mr. NILESH KUMAR SINGH Mr. METHALEPURAYIL JAYAKRISHNAN	5,500.00
305.	47S_BE_4528	DESIGN AND DEVELOPMENT OF LOW COST HEALTH CARE MONITORING ROBOT FOR HEALTH CENTERS IN RURAL AREAS	B.E.	ROBOTICS AND AUTOMATION	Dr. AMRUTA ROUT	Mr. SRI VARDHAN RAJ Mr. ATHULURI LOHITH NAIDU Mr. DUGGIMPUDI HEMANTH REDDY Mr. BHAVESH REDDY PAGIREDDY	5,500.00
306.	47S_BE_4587	DISASTER BOT: INTEGRATING ROBOTICS FOR EFFICIENT DISASTER RESPONSE AND MANAGEMENT	B.E.	ROBOTICS AND AUTOMATION	Prof. AMRUTA ROUT	Mr. RAJVEER SINGH SAHNI Dr. TANISHKA AGGARWAL Mr. KINGSHUK MAJI	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU	15-05-2024	NEFT Dr-P136240322802651-CHRIST(Deemed to be University)-SIBL0000396	28,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 42. 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.)
307.	47S_BE_5398	VECTOR 1 F1 DECISION SUPPORT SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. VAGDEVI S.	Mr. KEDAR JOSHI Ms. KOKILA K. R. Mr. SUHAS GAJANANA	4,000.00
308.	47S_BE_0903	HARVESTING TOMORROW'S POWER - IOT DRIVEN SMART AUTOMATION USING RENEWABLE ENERGY RESOURCES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHRUTHI VIJAY Prof. HARSHA VARDHAN U.	Ms. BHARGAVI N. PRAKASH Ms. ANANYA B. C. Ms. DEEPASHREE N. Ms. B. DHANALAKSHMI BAI	5,000.00
309.	47S_BE_2592	DIGITAL ASSISTANT FOR LEGAL AWARENESS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. AMBIKA P. R. Mrs. ARCHANA BHAT	Mr. ABHINAV KUMAR SINGH Mr. ADARSH MISHRA Mr. AJAY ANUPAM Mr. RAVI KUMAR	4,500.00
310.	47S_BE_2875	WASTE DETECTION USING COMPUTER VISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VARALAKSHMI P. Prof. SWETHA A.	Ms. LIKITHA R. Mr. SUJAY V. Mr. IMRAN KHAN N. Mr. R. A. RAAJESH	4,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
CITY ENGINEERING COLLEGE, BENGALURU	15-05-2024	NEFT Dr-P136240322802652-CITY ENGINEERING COLLEGE UNIVERSITY FEE A/C-BKID0008961	18,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 43. COLLEGE OF HORTICULTURE BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
311.	47S_MTechAg_0006	VIROME PROFILING OF RIDGE GOURD AND DEVELOPMENT OF DIAGNOSTIC TOOLS	M.Tech/M.Sc (Agri)	PLANT PATHOLOGY	Dr. K. S. SHANKARAPPA	Ms. POOJA M.	9,500

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
COLLEGE OF HORTICULTURE BENGALURU	28-05-2024	NEFT Dr-P149240325299323-ASSISTANT COMPTROLLER COH-SBIN0041201	9,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
312.	47S_BE_1132	FEASIBILITY STUDY ON APPLICATION OF PHOTOCATALYTIC PROCESS IN REMOVAL OF SYNTHETIC DYE FROM WASTEWATER	B.E.	CIVIL ENGINEERING	Prof. RAMYA H. N. Dr. PRAMUKH GANAPATHY C.	Mr. DHANUSH KUMAR M. D. Ms. SONIKA M. Ms. SPOORTHY D.	5,000.00
313.	47S_BE_2925	IOT BASED AUTOMATIC INTRAVENOUS BAG MONITORING AND ALERT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SANGANA KOTIREDDY	Ms. CHAITHANYA V. G. Ms. DRUSHYA DECHACCA A. M. Ms. MOKSHITHA B. S. Ms. SUSHMITHA T. K.	4,500.00
314.	47S_BE_3248	WIRELESS STAGNANT WATER CLEANING SYSTEM USING ARDUINO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SOUMYA C. T. Prof. DAINA K. K.	Ms. PRARTHANA M. R. Ms. KEERTHANA D. Mr. CHANDAN B. L. Mr. SAIF KHAN	5,000.00
315.	47S_BE_1030	BIOINSPIRED SERPENTBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAMYA C.	Ms. POOJA M. U. Mr. SADASHIVA D. M. Ms. VIDYASHREE P.	5,000.00
316.	47S_BE_1037	NANO BODY HEALTH DEVICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUMAN H. M.	Ms. SHARISHA POOVAIAH Ms. MEGHANA H. R. Ms. AMULYA K. R. Mr. PUTTIN AIYAPPA P. C.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
COORG INSTITUTE OF TECHNOLOGY, KODAGU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	25,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
317.	47S_MSC_0200	FABRICATION OF CORN BASED NATURAL POLYMER FOR INDUSTRIAL (WASTE WATER TREATMENT AND DYE DEGRADATION) AND FOOD PACKAGING APPLICATION	M.Sc	BIOTECHNOLOGY	Dr. PRABHURAJESHWAR Dr. NAVYA H. M.	Mr. ABHISHEK J. Mr. CHANDRA NAIK D. Ms. POOJA K. M.	5,000.00
318.	47S_MSC_0029	IDENTIFICATION OF STRESS RESPONSIVE PROTEINS IN SAFFLOWER UNDER ABIOTIC STRESS	M.Sc	BOTANY	Dr. M. THIPPESWAMY Dr. MANASA D. J.	Ms. RAKSHA G. K . Ms. KEERTHANA N. Ms. KAVYASHREE H. A.	7,000.00
319.	47S_MSC_0041	DESIGN AND DEVELOPMENT OF HIGH PERFORMANCE SUPERCAPACITOR USING NOVEL HYBRID NANOMATERIALS	M.Sc	CHEMISTRY	Prof. NAGASWARUPA H. P.	Ms. VYSHNAVI S. Ms. POORNIMA A. L.	7,000.00
320.	47S_MSC_0051	GREEN ENGINEERED NANOPHOSPHATE MATERIALS FOR WATER TREATMENT	M.Sc	CHEMISTRY	Prof. NAGASWARUPA H. P.	Ms. VAISHNAVI S. N. Ms. SINDHU G. M. Ms. VEERESH B. G.	7,000.00
321.	47S_MSC_0058	NOVEL BCF'S FOR ECOLOGICAL IMPACT ASSESSMENT	M.Sc	CHEMISTRY	Prof. NAGASWARUPA H. P.	Ms. SHAMBHAVI S. S. Ms. KAVITHA S. R. Mr. SHIVAKUMAR JAGADEESH SHIVAJAR	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

322.	47S_MSC_0178	THIAZOLE INCORPTED AZO DYES : SYNTHESIS, CHARACTERIZATION, ELECTROCHEMICAL, MOLECULAR DOCKING AND DFT STUDIES	M.Sc	CHEMISTRY	Dr. KEERTHI KUMAR C. T. Mr. MAHANTHESH K. R.	Ms. CHAITRA K. R. Ms. CHAITRA G. Mr. ADARSH D. S.	7,000.00
323.	47S_MSC_0003	DETECTION AND SCARING OF SELECTIVE BIRDS IN AGRICULTURE FIELD USING IOT DEVICES TO PROTECT YIELD	M.Sc	COMPUTER SCIENCE	Mr. ANUP RITTI	Ms. KRUTHIKA K. Ms. KAVYA R. Mr. MANOJ M. Ms. MUSKAN	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
DAVANGERE UNIVERSITY, DAVANGERE	05-06-2024	NEFT Dr-P157240327133289-SBIN0040869- DAVANGERE UNIVERSITY-	45,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
324.	47S_BE_4593	AUDIO-BASED ONLINE EXAMINATION AND PROCTORING SYSTEM USING AI	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SHIVAPRASAD ASHOK CHIKOP Dr. SANDHYA N.	Mr. SEETHARAMARAJU S. V. Ms. SNEHA A Mr. ADAVENI NITHIN	4,000.00
325.	47S_BE_0314	ADVANCED TREATMENT METHOD OF SALINE WATER USING THERMAL DESALINATION, OSMATIC MEMBRANE AND GEO-TEXTILE FILTER MEDIA	B.E.	CIVIL ENGINEERING	Prof. SHREYAS B. V. Dr. K. N. VISHWANATH	Mr. YASHAS R. Ms. YASHASWINI M. Mr. PRAJWAL S. Mr. N. B. VISHWANATH	5,500.00
326.	47S_BE_0088	CARING COMPANION : EMPOWERING ALZHEIMER PATIENT'S ASSISTANCE USING IOT AND AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHALINI S.	Ms. MANSI ANANDRAJ DESHMUKH Ms. PRERANA Ms. RAKSITA C. E. Ms. ANUSHA	5,000.00
327.	47S_BE_0095	INTERACTIVE SCREENS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KAVITHA C. Dr. SHALINI S.	Mr. MANSOOR AHMED Ms. MANISHA POONIA Ms. MEGHANA M. Mr. NAVEED N.	4,500.00
328.	47S_BE_0097	SIGN LANGUAGE RECOGNITION TOOL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. KRISHNA PRASAD R.	Mr. K. ANISH SHETTY Ms. TAANYA MANJUNATH Mr. NAVEEN P. Ms. SWATHI H. S .	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

329.	47S_BE_0107	PARKINSON'S DISEASE DETECTION USING MULTI - MODAL APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. LAKSHMI M. R.	Ms. B. NITHYA SREE Ms. B. SWETHA SREE Ms. BATHALA NANDINI Ms. H. SHRAVANI	4,500.00
330.	47S_BE_0165	NETWORK INTRUSION DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA M.	Mr. PRAJVAL SORAPUR Mr. ANAND MUDHOL Mr. RAHUL S. Mr. SACHIN B. M.	3,500.00
331.	47S_BE_1539	SENTIMENT ANALYSIS FOR SOCIAL MEDIA PRESENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHYLAJA B.	Ms. SMARANYA VIJAYA KRISHNA Ms. VAISHNAVI K. S. Ms. SHREELAXMI KARABASAPPA MALAWADE Mr. SASHANK SAYA	4,500.00
332.	47S_BE_4271	SOLAR POWERED INVERTER FOR SUSTAINABLE FARMING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. KIRAN R.	Mr. KUSHAL BHARADWAJ T. P. Mr. HARISH B. C. Mr. MOHAMMED IMRAN PARRAY Mr. VENKATA RAVAN KUMAR N. R.	4,500.00
333.	47S_BE_3064	UNDERWATER AUDIO AND DATA TRANSMISSION USING LI-FI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SIDDALINGAPPAGOUD A BIRADAR	Ms. PRAGATI R. MUSALE Ms. ANUSHA KUMARI Ms. APOORVA N. Ms. IMPANA B.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

334.	47S_BE_3136	CODEAF- EYE GLASSES THAT HEAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ROOPA R. KULKARNI	Mr. TEJAS M. P. Ms. SHRAVYA R. Ms. TANIYA FATIMA Mr. VISHAL SREENIVAS	5,500.00
335.	47S_BE_3501	BRAIN TUMOUR DETECTION USING MRI IMAGES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. MANU H. M.	Mr. YELLA AJAY KUMAR REDDY Mr. ROHITH Y. Mr. SHREYAS B. M. Mr. YASHWITH K. V.	4,000.00
336.	47S_BE_3509	OPTIMIZATION OF 2-D NANORIBBON INTERCONNECTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MALLIKARJUN P. Y.	Mr. VIVEKA KRISHNA GOND Mr. SURAJ K. R. Mr. PRAJITH S. A. Mr. PRAVEEN B.	5,000.00
337.	47S_BE_3686	DESIGN AND IMPLICATIONS OG RADIX 4-8 MODIFIED BOOTH'S ENCODER USING FPGA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. SINDHU K.	Ms. SOUNDARYA K. Ms. SOUNDARYA A.  Ms. KALAVATHI K. P.	4,000.00
338.	47S_BE_5021	HYBRID - GWO ALGORITHM BASED PID CONTROLLER FOR QUADCOPTERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUMAIYA M. N.	Mr. AKSHAY KALASH Ms. KAVYA N. PUJARI Mr. K. GOPI CHOWDARY Mr. LAKSHMISH T. G.	4,000.00
339.	47S_BE_5391	GESTURE CRAFT: A HANDS FREE GAMING EXPERIENCE THROUGH HAND GESTURE RECOGNITION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. LOKABHIRAM DWARAKANATH	Mr. T. P. KIRAN KUMAR Ms. SAHANA C. REDDY ms. RAKSHITHA KASHYAP R. Mr. SANKETH R. GOWDA	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

340.	47S_BE_5430	WEARABLE HEALTH CARE IOT PLATFORM: SIMULATOR ENGINE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VEENA R. S.	Mr. AMOGHA HARSHA Ms. CHARVI SINGH Ms. GAURI C. MATHAD Ms. M DISHA SHETTY	5,000.00
341.	47S_BE_5451	DISASTER DEFECT MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. J. T. THIRUKRISHNA	Ms. MAYAKUNTLA ROHINI Ms. SUPRIYA M. R. Ms. NISHMITHA Ms. NITHYA SHREE M.	4,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	28-05-2024	NEFT Dr-P149240325299332-THE PRINCIPAL DSATM-SBIN0040871	75,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272821DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
342.	47S_BE_3833	PERFORMANCE ANALYSIS OF DIMPLED WING OF AN AIRCRAFT	B.E.	AERONAUTICAL ENGINEERING	Ms. AFREEN NIZAMI Dr. SRIKANTH SALYAN	Mr. ADITHYA T. S. Mr. LAKSHAY KAUSHIK Mr. PRUTHVI G. Mr. VIKAS R.	7,000.00
343.	47S_BE_3850	INVERSE DESIGN OF AIRFOIL USING CONVOLUTIONAL NEURAL NETWORK	B.E.	AERONAUTICAL ENGINEERING	Dr. SUNDARAMAHALINGAM A.	Mr. ADITHYA KURDEKAR Mr. HEMANTH B. L. Mr. LOHITH GOWDA B. K. Mr. SAINATH	3,000.00
344.	47S_BE_3874	AIRCRAFT WING MORPHING USING AUXETIC STRUCTURES	B.E.	AERONAUTICAL ENGINEERING	Dr. HAREESHA N. G.	Mr. SAGAR V. NAVALGUND Mr. B. SHATINDRA Mr. ROHITH V. CHINDI Mr. TEJAS C. C.	7,000.00
345.	47S_BE_3969	MODELLING AND FABRICATION OF A PULSE JET ENGINE	B.E.	AERONAUTICAL ENGINEERING	Dr. PRATHIK S. JAIN	Mr. NIRANJAN K. S. Mr. DARSHAN G. Mr. GAURAV MAKAM Mr. KARTHIK SHAGOTI V.	7,000.00
346.	47S_BE_4056	INVESTIGATION ON EFFECT OF AIRFOIL SHAPE AND SIZE ON AERODYNAMIC EFFICIENCY OF SPIROID WINGLET	B.E.	AERONAUTICAL ENGINEERING	Dr. SUNDARAMAHALINGAM A.	Mr. DHEERAJ V. S. Mr. KRUTHIK C. Mr. VISHALDEEP K. S. Mr. YUVARAJ L.	5,000.00
347.	47S_BE_4090	SOLAR ENDURANCE FLIGHT	B.E.	AERONAUTICAL ENGINEERING	Dr. SRIKANTH SALYAN Dr. RAMASESHAN SATAGOPAN	Ms. SAYEEDA TAYIBA FATHIMA Ms. KHUTEJATUL KUBRA Mr. ABDUL SAMAD USTAD	7,000.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

						Mr. SHAH DILAWAR HUSSAIN	
348.	47S_BE_0334	REAL TIME RECOGNITION OF UNDERWATER IMAGES USING DEEP LEARNING TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. RAMYA K.	Mr. AYUSH ADITYA Mr. PRAVEEN YADAV Mr. YASH RATHI Mr. OM PRAKASH ROY	4,000.00
349.	47S_BE_0701	AUTOMATIC VIDEO COLORISATION AND TRANSLATOR	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. KAVYA D. N.	Mr. MAAZ KARIM Mr. ABHIJIT PATTANAIK Mr. ANKUR SINGH Mr. KSHITIJ VERMA	3,500.00
350.	47S_BE_0705	SKETCH TO FACE SYNTHESIZER	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. ARCHUDHA A. Dr. VINDHYA MALAGI	Mr. ANUKALP JAIN Mr. AVIRUP RAKSHIT Mr. ADITYA YADAV Ms. RIVANA SRIDARAN	3,500.00
351.	47S_BE_0231	ELECTRIC PROPULSION FOR VENDOR CART	B.E.	AUTOMOBILE ENGINEERING	Dr. NANDAKUMAR M. B.	Mr. KEERTHAN K. NAYAK Mr. SHREYAS RAO D. Mr. RAGHAVENDRA G. P. Mr. CHANDAN A.	7,000.00
352.	47S_BE_1506	COMPARATIVE STUDY OF WEAR BEHAVIOR OF DIFFERENT MATERIAL USING TIMKEN TESTER	B.E.	AUTOMOBILE ENGINEERING	Dr. MAHESH B R Dr. NANDAKUMAR M. B.	Mr. NARENDRA A. Mr. CHANDAN G. S. Mr. NIRANJAN H. N. Mr. SHAIBAZ KAZMI	5,500.00
353.	47S_BE_1899	FAULT DIAGNOSIS IN ELECTRIC MOTOR USING VIBRATION ANALYSIS THROUGH MACHINE LEARNING	B.E.	AUTOMOBILE ENGINEERING	Dr. PUNEET N. P.	Mr. HARSH KOTHARI Mr. MOHAMMED FARHAANULLA PASHA Mr. MUHAMMAD FADIL Mr. VARSH KANCHARLA	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

354.	47S_BE_1977	APPLICATION OF THERMAL SPRAY COATING IN ELECTROLYSIS FOR HYDROGEN PRODUCTION	B.E.	AUTOMOBILE ENGINEERING	Dr. NAVEENA B. E.	Mr. S. N. VIPUL REDDY Mr. K. CHAKRADHAR REDDY Mr. ANISH AKKI Mr. ABHISHEK H. D.	5,500.00
355.	47S_BE_2450	DESIGN AND DEVELOPMENT OF IMMERSION COOLED BATTERY PACK FOR ELECTRIC VEHICLES	B.E.	AUTOMOBILE ENGINEERING	Dr. S. JENORIS MUTHIYA	Mr. VAROON MARIAN A. S. Mr. GANESHA T. Mr. MOHAMMED HAYATH SHARIFF Mr. SUJITH M. C.	5,500.00
356.	47S_BE_1589	TO STUDY THE THERAPEUTIC EFFICACY OF ANNONA MURICATA (LAKSHMANAPHALA) FRUIT EXTRACT FOR ORAL CANCER AND IDENTIFY MOLECULAR TARGETS	B.E.	BIOTECHNOLOGY	Dr. N. RAJESWARI Dr. SHASHANK TIDKE	Ms. SAMANVITHA SURESH Ms. SOUJANYA SUDHARSHANA Ms. VIDYA M. C. Ms. POOJITHA M.	7,000.00
357.	47S_BE_3007	AMELIORATION OF CADMIUM TOXICITY IN ZEBRAFISH BY SELAGINELLA BRYOPTERIS	B.E.	BIOTECHNOLOGY	Dr. N. RAJESWARI Prof. BHANU REVATHI	Ms. KRITIKA KISHORE RAO Ms. VEDA A. Ms. CHATURYA R.	5,500.00
358.	47S_BE_4080	SYNTHESIS OF ELLAGIC ACID LOADED ANTIBACTERIAL PATCHES TO TREAT ENTEROCOCCUS FAECALIS WOUND INFECTIONS.	B.E.	BIOTECHNOLOGY	Dr. AKSHATHA PRASANNA Dr. PRASHANTHA KARUNAKAR	Ms. SAHANA M. Ms. BHAVYASHREE V. Ms. HAMSAVENI S. M. Ms. INDUPRIYA M.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

359.	47S_BE_3856	REMOVAL OF CHROMIUM FROM WASTE WATER USING IMMOBILIZED BIOPOLYMER	B.E.	CHEMICAL ENGINEERING	Prof. MAHESH KUMAR SHETTY	Mr. PRASHANT GANAPATI BHAT Mr. NARSING Mr. SARVESH	6,500.00
360.	47S_BE_4409	REMOVAL OF FLUORIDE FROM WASTE WATER USING Al-CaO-Mn MODIFIED ADSORBENT	B.E.	CHEMICAL ENGINEERING	Dr. R. RAVISHANKAR	Mr. SHAIK ADNAN ASAD Ms. ZAHRA BATOOL Mr. MOHAMMED AFAAQ AHMED	6,500.00
361.	47S_BE_0631	ECOTECHNOLOGICAL AND SUSTAINABLE APPROACH TO MITIGATE EROSION-INDUCED SHALLOW LANDSLIDE	B.E.	CIVIL ENGINEERING	Mr. RAGHAVENDRA H. N.	Mr. BYRAREDDY H. V. Mr. ABHISHEK R. B. Ms. CHANDANA H. P. Ms. INCHARA L.	4,000.00
362.	47S_BE_0713	ENHANCING THE RESILIENCE OF BUILDING USING DAMPERS TO MITIGATE THE EFFECTS OF WIND LOAD	B.E.	CIVIL ENGINEERING	Dr. GEETHA L.	Mr. SUMAN T. S. Mr. SAGAR SHETTY Mr. SOMASHANKAR Mr. VIJAYAKUMAR	2,500.00
363.	47S_BE_1123	ASSESSMENT OF SURFACE AND GROUND WATER QUALITY IN THE DOWNSTREAM AREA OF BELLANDUR LAKE	B.E.	CIVIL ENGINEERING	Mrs. SPOORTHY SADASHIV SHANUBHOG.	Mr. PRASHANTH M. G. Mr. KARTHIK P. G. Mr. NELSON MIDWIN Mr. PAVANKUMAR Y. P.	4,000.00
364.	47S_BE_1747	DEVELOPING A ROADMAP AND POLICY FOR ARTIFICIAL INTELLIGENCE INTEGRATED SUSTAINABLE CITIES	B.E.	CIVIL ENGINEERING	Dr. SATHVIK S. Dr. SHIVAKUMAR G.	Mr. GAGANITH C. R. Mr. GIRISH K. N. Mr. GIRISH KUMAR B. L. Mr. HARISH BABU S.	3,500.00
365.	47S_BE_2133	DESIGN AND DEVELOPMENT OF SMART SIGNALIZATION FOR EMERGENCY VEHICLE	B.E.	CIVIL ENGINEERING	Prof. RAGHAVENDRA PRAJWAL H. S. Dr. TRUPTI SHRIPAD TAGARE	Ms. JAYASHREE P. Mr. HEMANTH GOWDA G. Ms. BHOOMIKA G. P. Mr. DHANUSH N. B.	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

366.	47S_BE_0833	IDENTIFICATION OF URINARY TRACT INFECTION CAUSING BACTERIA FROM MICROBIAL COLONY IMAGES USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAMESH BABU D. R. Mrs. SUNANDA	Mr. TEJAS R. Mr. AYUSH KUMAR MANAS Mr. DHRUV RATHI Mr. TUSHAR PATHAK	3,500.00
367.	47S_BE_1563	SCHIZOPHRENIA DETECTION WITH WAVELET TRANSFORM AND GRAND CAM EXPLAINABILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KRISHNAN R.	Mr. RISHAB RAJESH SHARMA Mr. JOSEPH RAJ VISHAL Mr. DHEERAJ GAJULA Ms. JANVI KUMARI	2,000.00
368.	47S_BE_1855	ADVANCING PRECISION IN CARDIAC TISSUE FIBROSIS EVALUATION VIA MACHINE LEARNING GUIDED QUANTIFICATION OF MYOCARDIAL FIBROSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KAVITHA K. S.	Mr. ARJUN T. D. Mr. ADITYA B. N. Ms. AISHWARYA JAGADISH Mr. ABHAY S. NAIK	3,000.00
369.	47S_BE_1906	INTELLIGENT TRAFFIC VIOLATION DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ANNAPOORNA B. R.	Mr. YATHISH S. M. Ms. SHRADDHA G. BADAMI Mr. VARUN KUMAR V. VINAY KUMAR T M	3,500.00
370.	47S_BE_4364	SMART FARMING USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. APARNA M. Mr. VISHWAJIT	Mr. AKSHAT SINGH Ms. AKSHATA G. KULKARNI Ms. ANUSHA PANIRAJ SHANBHOG Ms. ANUSHREE L. D.	3,500.00
371.	47S_BE_0814	INTELLIGENT CLEANING ROBOT FOR BELLANDUR LAKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. PREMKUMAR M.	Mr. BASAVARAJA DESAI Ms. BHOOMIKA MYLAR Ms. CHAITHANYA B. K. Mr. MONISH G.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

372.	47S_BE_1299	ONLINE MONITORING SYSTEM FOR POSITION DETECTION IN WIRELESS ELECTRIC VEHICLE CHARGING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SUJIT KUMAR Dr. G. MANIKANTA	Mr. CHANCHAL KUMAR Mr. AMMAR HASAN Mr. ANURAG KUMAR Ms. ANSHUL MORE	4,500.00
373.	47S_BE_2562	FABRICATION AND IMPLEMENTATION OF THE SOLAR E-BIKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SONI M.	Mr. TANVEER MANSUR AHMAD Mr. MYAGALAMANI SAGARA Mr. VIDYDHAR M PATGAR Mr. VISHWAS D. S.	5,000.00
374.	47S_BE_2986	MEDICINE AND FEMMECARE SANITARY NAPKINS VENDING MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SHRUTI R R. GUNAGA	Mr. MANJUNATH M. CHINDI Ms. GAYITHRI G. R. Mr. HARSHA VARDHAN S. Ms. J. SHARON CHRISTINA	4,500.00
375.	47S_BE_0607	CONNECTING SAFETY ON RAILWAY TRACKS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. T. C. MANJUNATH Prof. PAVITHRA G.	Ms. SAHANA GURURAJ MALAGALI Mr. SAGARAGOUDA Ms. SRUJANA C. H.	5,000.00
376.	47S_BE_0618	IOT BASED SOLAR POWERED COLD STORAGE FOR STREET VENDORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. T. C. MANJUNATH Prof. PAVITHRA G.	Ms. ANUPRIYA D. Ms. AFIRA ANSARI Mr. AKSHAT KUMAR Mr. ANANTH AGRAWAL	5,500.00
377.	47S_BE_0691	DESIGN AND DEVELOPMENT OF AI BASED ROBOT TO SOCIALLY INTERACT WITH AUTISTIC CHILDREN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANASA R.	Ms. RAMYA SHREE S. Ms. POOJA B. G. Ms. POOJA S. KUNDARGI Mr. SAIF HUSSAIN	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

378.	47S_BE_3540	AUTONOMOUS ROVER FOR MAPPING AND OBJECT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DINESHA P.	Mr. SHAMAS ARMAR Mr. SHREEJITH KINNAL Mr. SHREYAS N. SASTRY Mr. SHIVA CHAUBEY	5,500.00
379.	47S_BE_2425	IOT DRIVEN AQUAPONICS FOR SUSTAINABLE AGRICULTURE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Prof. AMBIKA NAIK Y.	Mr. SANKET VENKATESH SHENVI Mr. SAMMED B. KOLHAPURI Ms. SHEETAL R. KULKARNI	5,000.00
380.	47S_BE_2489	SMART FRUIT WAREHOUSING: ML BASED SORTING, IOT MONITORING & CLOUD INTEGRATION FOR EFFICIENCY	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. T. SUSHMA	Ms. J. SUSHMITHA Ms. DISHA J. Mr. VINAMRA SONI Mr. YEJUR DUBE	3,500.00
381.	47S_BE_4847	IOT TECHNOLOGY FOR MONITORING AND CONTROL OF SMART GREEN HOUSES	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. RAJASHEKAR J. S. Dr. SUSHMA T.	Ms. ARCHANA PRASHANTH Ms. CHAITHANYA N. Ms. PAVITRA VISWANATHAN Ms. SHALIN M. S.	6,500.00
382.	47S_BE_0131	SMART PLASTIC DISPOSAL SYSTEM WITH SECURED MOBILE CHARGING	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. ANJU V. KULKARNI Dr. SMITHA SASI	Ms. UMM EA ASFIYA Ms. B NETRAVATI Ms. DEEKSHA M. Ms. YASHASWINI H.	5,500.00
383.	47S_BE_0139	SKYGUARD: DRONE-BASED TRACKING SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Mr. JAYANTH C.	Ms. ANKITA PATRA Ms. DHANVI VIJAYKUMAR Mr. MISHUL RAJPUT Mr. RAKESH	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

384.	47S_BE_0711	AI-DRIVEN DETECTION OF PCOS FOR PERSONALIZED HEALTH IMPROVEMENT	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. PREETI KHANWALKAR Dr. SWETHA RAVIKANTI	Ms. PREETHI M. Ms. DIVYA K. Ms. KEERTHANA K. R.	4,000.00
385.	47S_BE_0935	EEG-BASED BRAIN-COMPUTER INTERFACE FOR DIGITAL ACCESSIBILITY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SANTOSH ANAND	Mr. AKASH SIL Mr. AHMED FADIL Mr. JANESH WALIA Ms. ANUJNA G. K.	5,000.00
386.	47S_BE_1054	KARNA- A CROWDFUNDING PLATFORM WITH DAO (DECENTRALIZED AUTONOMOUS ORGANIZATION) BASED APPROVAL FOR ENHANCED SECURITY USING BLOCKCHAIN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. BINDU BHARGAVI S. M. Dr. ANNAPURNA P. PATIL	Mr. ADITHYA N. G. Mr. ANISH JAIN Mr. AKASH SINGH Mr. MANISH SARAN	4,000.00
387.	47S_BE_1546	TOMATO DISEASE DETECTION AND SEVERITY ASSESSMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHALINI K. B. Dr. VARAPRASAD B. K. S. V. L.	Mr. SUDEEP R. SHETTY Mr. SHIVARAJ D. Mr. SRAJAN Mr. SREEKAR PANCHANGAM	3,500.00
388.	47S_BE_3511	PATHOLOGY DETECTION AND LOCALIZATION IN CHEST X-RAY USING PARALLELIZE MULTIPLE DCNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. CHANDRAKALA B. M. Dr. ANNAPURNA P. PATIL	Ms. ADITYA RAJ PATERIYA Mr. SHIVESH SINGH RAO Mr. SARTHAK SABHARWAL Mr. ARYAN MISRA	3,500.00
389.	47S_BE_0945	DESIGN, ANALYSIS AND FABRICATION OF ROTARY ASCENDING LIFT SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. B. T. MANJUNATH	Mr. BHARATH N. VISHWAMITRA Mr. SUMUKHA S. HEGDE Mr. SANKETH GOMBI Mr. SHREYAS G.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

390.	47S_BE_1015	DESIGN, MODELLING AND FABRICATION OF CONTROL SYSTEM FOR RAM AIR PARACHUTE	B.E.	MECHANICAL ENGINEERING	Dr. B. T. MANJUNATH	Mr. UMASHANKAR A. N. REDDY Mr. CHANDRASHEKAR R. Mr. ROHITH S. Mr. CHINMAY T.	7,000.00
391.	47S_BE_2501	MODELLING AND ANALYSIS OF RESONANT METAMATERIAL FOR PIPE VIBRATION ATTENUATION	B.E.	MECHANICAL ENGINEERING	Dr. NINGE GOWDA B. M. Dr. NITISH KUMAR	Mr. RAVI S. Mr. RAKESH R. Mr. SHIVPRAKASH GOUDA Mr. SUDEEP C.	5,000.00
392.	47S_BE_2527	DEVELOPMENT OF SOLAR POWERED AIR-COOLING SYSTEM FOR CAR INTERIOR COOLING UNDER PARKED CONDITION	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING Dr. NINGEGOWDA B. M.	Mr. VINAYAK RAMCHANDRA CHAVAN Mr. DHRUV SHARMA Ms. M. S. SANJANA Mr. SUBHASH MALIPATIL	5,500.00
393.	47S_BE_2083	NEUROMIST REVIVE: MOIST HEAT THERAPY FOR SPINAL RECOVERY AND BACKACHE RELIEF	B.E.	MEDICAL ELECTRONICS	Prof. NANDITHA KRISHNA	Ms. NISARGA V. Ms. LAXMI	5,500.00
394.	47S_BE_2246	SIGN LANGUAGE GESTURE RECOGNITION USING AI	B.E.	MEDICAL ELECTRONICS	Dr. S. HEMA PRIYADARSHINI Prof. AMITH PRADHAAN	Ms. SINDHU B. L. Ms. SANJANA S. KASHYAP	5,000.00
395.	47S_BE_3318	CONJUNCTIVAL IMAGE ANALYSIS FOR NON INVASIVE HEMOGLOBIN ESTIMATION AND ANEMIA DETECTION	B.E.	MEDICAL ELECTRONICS	Dr. S. HEMA PRIYADARSHINI	Ms. HARINI S. Ms. P. AKSHATHA	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

396.	47S_BE_4765	AT HOME RECOVERY - AN IOT BASED PHYSIOTHERAPY MONITORING SYSTEM	B.E.	MEDICAL ELECTRONICS	Dr. SRINIVAS HALVI	Ms. K.A. SHREE VAISHNAVI Ms. SAKSHI R. KULKARNI	5,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299335-DAYANANDA SAGAR COLLEGE OF ENGINEERING-BARB0VJDASC	2,51,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272841DC	22,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 48. DAYANANDA SAGAR UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
397.	47S_BE_1059	TARGET TYPE THRUST REVERSAL SYSTEM	B.E.	AEROSPACE ENGINEERING	Prof. SRIPAD KULKARNI S.	Mr. NISCHAL KUMAR K. S. Mr. MOHAMMED ABBAS S. Mr. MOHAMMED SAHIL	7,000.00
398.	47S_BE_2721	IDENTIFICATION OF NEUROLOGICAL DISEASES USING ECG DATA	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ARJUN KRISHNAMURTHY	Mr. N. U. HARSHA TEJAS Ms. RAYE HAARIKA Ms. K. KUSUMITHA Ms. HARI PRADHA P.	3,000.00
399.	47S_BE_0727	AI VOICE ORIENTED FRAUD DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SRIDHAR S. K.	Ms. KUNIKA MATHUR Ms. LAKSHITHA S. Ms. MONICA MAHESH Ms. NANDITHA M.	3,500.00
400.	47S_BE_0820	IDENTIFYING AND PREDICTING / DIAGNOSING COMMON MENTAL DISORDERS BY DIGITAL PHENOTYPING USING A MOBILE APP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BASAVARAJ N. HIREMATH Dr. GOPAL DAS C. M.	Ms. SANAA KITTUR Ms. SHERMEEN ULFAT Ms. SHRAVANA Ms. SWATI PRIYA	3,500.00
401.	47S_BE_1195	AUTOMATION OF BEHAVIORAL GRADING FOR GOOGLE CLASSROOM ASSIGNMENTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MEENAKSHI MALHOTRA	Ms. KEERTHANYAA N. Mr. J. GYANASAI DIXITH Mr. K. SANTHOSH Mr. KIRAN B. MALAGI	2,000.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

402.	47S_BE_1252	ENVIRONMENTAL IMPACT ANALYSIS USING SATELLITE IMAGE PROCESSING: A CASE STUDY ON BANGALORE STRR PHASE-1	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAJESH T. M.	Mr. VARUN P. SHRIVATHSA Ms. SMRITI REDDY U. Mr. GIRISH SINGH B. S.	3,500.00
403.	47S_BE_1386	PREDICTION OF RESPIRATORY DISORDER USING SOUND VIA DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BONDU VENKATESWARLU	Ms. SHREYA NAGA SAI MALEPATY Ms. ISHA M. Ms. SHREYA S. Ms. TAMANNA VERMA	3,500.00
404.	47S_BE_2433	KEYSTROKE DYNAMICS FOR CONTINUOUS USER AUTHENTICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SUVIKA K. V.	Mr. KAPIL ADARSH S. A. Mr. DARSHAN KUMAR M. Mr. GUNTUR LOHITH SAI Mr. JASIN JAYACHANDRAN	3,500.00
405.	47S_BE_2485	A MODEL FOR ESTIMATING AND CHARACTERIZATION OF BIOMASS IN THE FOREST REGIONS. A CASE STUDY - BANNERGHATTA NATIONAL PARK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAJESH T. M.	Ms. ADITI A. NAVALE Mr. GAGANDEEP B. R. Ms. NEHA D. JAGTAP	3,500.00
406.	47S_BE_3630	READING EYE FOR BLIND USING RASPBERRY PI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRAMOD KUMAR NAIK	Mr. KISHORE KUMAR K. Mr. PAVAN KUMAR Mr. MADHAV JADHAV Mr. SHASHIDHARA K. M.	4,500.00
407.	47S_BE_3879	A PROXY RE-ENCRYPTION TO SECURE INTERNET OF THINGS DATASHARING IN BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VISHWAS D. B.	Mr. DHANUSH E. Mr. HARSHITH N. Mr. CHIMPIRI SAI KIRAN Mr. JAGANNATH N.	5,000.00
408.	47S_BE_5480	AUTOMATIC FISH FEEDER USING COMPANION APP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NANDINI K.	Ms. POOJA V. KUMAR Ms. N. MEGHANA Ms. S. ANANYA Ms. RASHMITHA M.	5,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

409.	47S_MSC_0054	PREDICTIVE QSAR MODELING FOR THERAPUTIC STRATEGIES TARGETING SM16 PROTEIN'S IMMUNE MODULATING ROLE IN HOST-PARASITE INTERACTION	M.Sc	GENETICS	Dr. PRONAMA BISWAS	Ms. KALYANI S. BIJU Ms. VONDHANA R. Ms. VARSHITHA KRISHNA	5,000.00
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**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> and 45<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
410.	47S_BE_4556	SAMRAKSHAN	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. MANU K. S. Dr. ANASUYA N. J.	Mr. ANISHA H KANDACHAR Mr. AKASHDEEP GANGATKAR M. Ms. SANDYA PATIL Mr. DARSHAN L.	4,000.00
411.	47S_BE_4621	CONSTRUCTNET: APPLICATION FOR CONSTRUCTION MANAGEMENT AND INTELLIGENT RECOMMENDATIONS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. B. KURSHEED	Mr. SAI KAPIL KUMAR P. G. Mr. SHARON SAJAN M. O. Mr. AKSHAY H. R. Mr. NISHANTH URS S. V.	5,000.00
412.	47S_BE_2615	ETHERHITCH: JOIN THE RIDE-SHARE REVOLUTION USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATHSWAMY B. E.	Mr. HEMANTH B. N. Mr. ADITHYA RAGHAV V. Mr. ANANDA ARALAGUNDAGI D Mr. CHANDAN GOWDA N.	5,000.00
413.	47S_BE_2688	TRANSPARENCY IN CARBON CREDIT USING BLOCKCHAIN AND IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VENUGEETHA Y.	Mr. S. SUHAS Mr. NIKHIL M. G. Mr. NITISH K. L. Mr. SANTOSHKUMAR	5,000.00
414.	47S_BE_4268	DETECTING STRESS LEVELS IN IT PERSONNEL USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATHSWAMY B. E.	Mr. K. SURYATEJA Mr. SHAILESH B. S. Mr. M. RISHI GOWDA Mr. SHAMAN D.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

415.	47S_BE_4586	EVALUATION OF SUBJECTIVE ANSWERS SCRIPT USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAMEENA BANO	Mr. ADITYA RAJ GUPTA Mr. ESHAN KUSHWAH Mr. ABHISHEK R. Mr. HARSH SINGH	5,000.00
416.	47S_BE_3910	DESIGN AND FABRICATION OF ROTARY SPARK GAP SWITCH FOR PLASMA APPLICATIONS: STUDY ON SEED GERMINATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. ANGURAJA R. Mr. R. SANTHOSH KUMAR	Mr. BHARATH S. P. Mr. B.S. JAYANTH GOWDA Mr. SRINIVAS N. Ms. VARSHINI C.	4,500.00
417.	47S_BE_1619	NURTURING FEMININE SAFETY AND HYGIENE SOLUTION - NAPKIN VENDING & DISPOSAL QR CODE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. BHAGYA P. Dr. ASHWATH NARAYANA B. S.	Ms. RAKSHITHA S. HIREMATH Mr. SYED SAUD UR REHMAN	5,500.00
418.	47S_BE_2393	PAN GEL POLYMER BASED PVDF/CNTS COATED ALUMINIUM-AIR BATTERY (AL-AIR TECHNOLOGY - REQUIRES NO ELECTRICITY)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ASHWATH NARAYANA B. S.	Mr. DARSHAN GOWDA M. Mr. AKSHAY C. S. Mr. BHARATH V. Mr. DEEPAK B.	5,500.00
419.	47S_BE_2420	RASPBERRY PI BASED WEARABLE TEXT TO SPEECH COMPANION FOR EYES FREE READER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. TEJASWINI M. L.	Ms. KIRANMAYI M. Ms. BHUMIKA P. Ms. CHAITHANYA C. Mr. HARSHA N.	5,500.00
420.	47S_BE_2599	TRAFFIC CONTROL SYSTEM USING IOT AND MACHINE LEARNING FOR ADAPTIVE AMBULANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SURESHA H. S.	Ms. JAYASHREE A. R. Ms. APOORVA M. Mr. DEEPAK C. GOWDA Mr. GOUTHAM B.	5,000.00
421.	47S_BE_3660	VOICE SIGNAL PATHOLOGY CLASSIFICATION WITH DEEP LEARNING METHODOLGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SALMA JABEEN Dr. MANJUNATHSWAMY B. E.	Mr. ABHISHEK A. H. Mr. K. SRINIVASREDDY Mr. LOKESH YARASHI Mr. MADHU D. K.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

422.	47S_BE_3836	EMPOWERING STETHESCOPE LISTENING : A SMART ANDROID APP	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SALMA JABEEN Dr. MANJUNATHSWAMY B. E.	Ms. DIVYA P. Ms. DHANYATHA R. Ms. GAGANA M. Ms. GOWRI R.	5,000.00
423.	47S_BE_3902	HARVEST EASE: ROBOTICS FOR SUSTAINABLE FARMING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. BASAVARAJ G. M.	Ms. LAKSHMI R. Ms. DIVYASHREE G. Ms. JAYALAKSHMI P. Ms. JEEVITHA T.	5,000.00
424.	47S_BE_3980	FAKE FACE DETECTION USING DEEP NEURAL NETWORK, CNN AND RNN	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. EMMANVEL RAJ M. CHIRCHI	Mr. SUJAN T. R. Ms. RAKSHITHA S. Mr. ULLAS GOWDA N. S. Mr. SHIVUKUMARA	4,000.00
425.	47S_BE_3994	VITAMIN DEFICIENCY DETECTION USING IMAGE PROCESSING AND NEURAL NETWORK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. B. K. RAGHAVENDRA Dr. BASAVARAJ NEELGAR	Ms. SANJANA M. S. Ms. MUCHALAPURI NAGA KEERTHANA Ms. SNEHASHREE R. Ms. TRISHA K. C.	3,500.00
426.	47S_BE_4118	PIN AUTHENTICATION BASED ON EYE BLINKING USING HARCASCADED ALGORITHM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. EMMANVEL RAJ M. CHIRCHI	Mr. MOHAN B. K. Mr. SUMANTH PUROHITH G. P. Mr. CHANDU N. C.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

427.	47S_BE_4215	ESPIAL OF APPLICATION-LAYER DDoS ATTACK USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. DEEPIKA A. B.	Ms. BHOMIKA K. Ms. KAVANASHREE S. Ms. BHOMIKA B. S. Ms. KAVANA G. P.	3,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299338-DON BOSCO INSTITUTE OF TECHNOLOGY-ICIC0004325	78,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
428.	47S_BE_1431	PROPELLER TEST RIG- MONITORING WITH ARDUINO TECHNOLOGY	B.E.	AERONAUTICAL ENGINEERING	Prof. C. M. VIGNESWARAN	Ms. INDUJA J. Mr. BHARATH K. S. Ms. SPOORTHY M. J. Ms. CHETHANA A. R.	7,000.00
429.	47S_BE_2623	FEASIBILITY STUDIES AND STRENGTH EVALUATION OF PAPER SLURRY AND GRANITE WASTE SLUDGE CONCRETE SPECIMENS	B.E.	CIVIL ENGINEERING	Dr. ASHWINI L. K.	Mr. PRASAD Mr. SANGAMESH DONUR Ms. RAKSHITHA H. C. Ms. SHARANYA N. R.	5,000.00
430.	47S_BE_4460	AQUALINK COMMUNICATION USING ACOUSTIC MODEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHU B.	Ms. LIKHITHA R. Ms. LAVANYA N. Ms. PRAJNA M. S. Ms. POOJA K. C.	5,000.00
431.	47S_BE_5153	EXPLOSAFE - A LORAWAN BASED DEFENSE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MADHU B.	Ms. AMRUTHA ANILKUMAR JOSHI Ms. ASHWINI K. Ms. DISHA N. KULAL Mr. JAYANTH KRISHNAMURTHY	5,000.00
432.	47S_BE_5238	SUPPLY SPHERE: ORBITING SUPPLY CHAIN MANAGEMENT WITH BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SMITHA SHEKAR B. Dr. HARISH G.	Mr. KRTIN U. SHET Mr. MAHENDAR PATEL Ms. NIRA UDAS Mr. NISHANTH V.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

433.	47S_BE_4692	DESIGN OF 6G ANTENNA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SUDHA B. S.	Mr. CHINMAY M. Ms. ANUSHA CHOWDARY D. Ms. MADHUSHREE	5,500.00
434.	47S_BE_5011	IOT BASED HYDROPHONICS SYSTEM USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. C. S. KAVITHADEVI	Ms. SONASHREE T. R. Ms. SUPRABHA G. Ms. VACHANSHREE Ms. CHAITHRA A.	5,500.00
435.	47S_BE_4410	DESIGN AND FABRICATION OF SERPENT ROBOT FOR GEOGRAPHICAL MAPPING IN HOSTILE ENVIRONMENTS.	B.E.	MECHANICAL ENGINEERING	Prof. S. K. JAGADEESH	Mr. PRASHANTH K. N. Mr. PRAMODH Mr. SHRUNGESH B. Mr. YASHWANATH K. S.	6,500.00
436.	47S_MTech_0038	STRENGTH AND DURABILITY STUDIES ON CONCRETE UTILIZING SEWAGE SLUDGE ASH AND TREATED SEWAGE WATER	M.Tech	STRUCTURAL ENGINEERING	Dr. ASHWINI L. K. Dr. M. N. HEGDE	Mr. LOKESH B. K. Mr. YASHWANATH G.	7,000.00

**Transaction Details:**

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	13-06-2024	Funds Transfer Debit - PRINCIPAL DR AMBEDKAR INST OF TECHNOLOGY	51,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
437.	47S_BE_2165	DEEP LEARNING FRAME WORK BASED ON AUTOMATED DETECTION AND CLASSIFICATION OF PULMONARY DISEASES USING VGG-16 AND RESNET 50 ARCHITECTURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. INBALATHA K.	Ms. BHAVANA G. Ms. NAGAMANI M.	5,000.00
438.	47S_BE_2942	COAL MINE SAFETY MONITORING AND ALERTING SYSTEM USING SMART HELMET	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	PROF. RAJESH KUMAR KAUSHAL	Ms. SINDHUJA V. C. Ms. RUFINA R. F. Ms. SUNITHA P.	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	28-05-2024	NEFT Dr-P149240325299341-DR.T.THIMMAIAH INSTITUTE OF TECHNOLOGY-IBKL0001655	5,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272861DC	5,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
439.	47S_BE_1456	PRESSURE DROP EFFECT OF STAGE GAP ON TWO STAGE ORIFICE PLATE AND COMPARISON WITH CONVENTIONAL ORIFICE	B.E.	CIVIL ENGINEERING	Dr. NAGARAJ SITARAM	Mr. GAGAN KUMAR G. M. Mr. ABHILASH GOWDA V. Mr. BAAPU B. M.	4,000.00
440.	47S_BE_1964	COMPUTER VISION-BASED MOBILE APPLICATION FOR VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. DIVYA U. H.	Mr. KALLURI SAITEJA Mr. KRISHNA CHAITANYA S. Mr. HARI BALAJI V. Mr. KANCHAM HARIPRASAD	4,000.00
441.	47S_BE_4602	BOOSTING NETWORK SECURITY:A COMPARATIVE ANALYSIS OF DEEP LEARNING TECHNIQUES FOR INTRUSION DETECTION USIN CNN AND RNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. HEENA KOUSAR	Mr. ADARSH PAWAR Mr. MOHNISH REDDY G. Mr. MUKESHREDDY NAGIREDDYGARI Mr. SHAIK ATHIQ REHAMAN	4,500.00
442.	47S_BE_3236	DEVELOPMENT OF RAPID AND LOW COST PAPER-BASED IMPEDANCE SENSOR FOR BACTERIAL DETECTION IN BOTTLED DRINKING WATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJUNATHA M. Dr. ANITA R.	Ms. SUMATHI H. S. Ms. POORNIMA SUB K. Ms. ANUSHA K. P. Ms. RAMYA S.	4,000.00
443.	47S_BE_3772	SECURE BALLOT SYSTEM: BLOCKCHAIN BASED E-VOTING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NEELIMA SAHU Prof. SINDHUJA M.	Mr. PUNITH M. Ms. THANUSHREE L. C. Mr. SUMANTH N. V. Mr. RANJAN R.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

444.	47S_BE_3892	REAL TIME MONITORING OF COMA PATIENT USING OPENCV	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NEELIMA SAHU Prof. VAISHALI SHENDE	Mr. SHIVSAGAR MATHPATHI Ms. TASMIYA K. Mr. NIYAM RAI Mr. SUMITH S. V.	4,500.00
445.	47S_BE_4953	DEEP LEARNING APPROACH FOR HUMAN STRESS DETECTION USING HAAR CASACDE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHILPA M. I. Prof. MANJULA A. K.	Mr. MOHAMMED HAARIS Ms. NOORIE TAIYABA F. M.	4,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299344-PRINCIPAL EAST POINT COLLEGE OF ENGINE TECHNO-FDRL0002163	25,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273111DC	4,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
446.	47S_BE_3155	DESIGN AND FABRICATION OF UAV FOR LANDMINE DETECTION AND SIMULTANEOUS LOCALIZATION AND MAPPING (SLAM)	B.E.	AERONAUTICAL ENGINEERING	Prof. N. PRABAKARAN	Mr. KRISHNAMURTHY S. Mr. NIHAL V. Ms. NETHRAVATHI S.	8,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
EAST WEST COLLEGE OF ENGINEERING, YELAHANKA, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES	8,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 54. EAST WEST FIRST GRADE 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.)
447.	47S_MSC_0266	COST EFFECTIVE PROBIOTICS FROM AGROINDUSTRIAL WASTES FOR CHANGES IN GUT MICROBIOTA AND GROWTH OF ANIMALS	M.Sc	BIOTECHNOLOGY	Dr. KUMAR SWAMY M. Mrs. PADMASHREE B. S.	Mr. JEEVAN V. S. Mr. VINAY ATHREY Ms. LAKSHMI N. Ms. LATHA K.	6,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
EAST WEST FIRST GRADE COLLEGE OF SCIENCE, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	6,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 55. 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.)
448.	47S_BE_1318	AGE INVARIANT FACE RECOGNITION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mrs. SHRUTHI T. V.	Mr. H. P. RUTHVIK Mr. R. C. AMITH Mr. DARSHAN M. Mr. GOUTHAM D.	5,000.00
449.	47S_BE_3727	ANOMOLY DETECTION FOR VIDEO SURVEILLANCE	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mrs. PRAKRUTHI G. R.	Mr. MAHIM H. M. Mr. CHIRAAG R. MISHRA Mr. MOHAMAD SHAMIL	5,000.00
450.	47S_BE_0380	NANO TREE WITH SMART LIGHTING TECHNOLOGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VIDYA E. V.	Ms. P. K. VAISHNAVI Ms. PRATHIBHA M. Ms. PUNYA S. M Ms. RASHMI S.	4,500.00
451.	47S_BE_0381	NAARI SHAKTHI - EMPOWERING RURAL COMMUNITIES WITH AI POWERED SOLUTIONS FOR SANITARY HEALTH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MOHAN B. R.	Ms. HARSHITHA N. Mr. JAYADEEP G. Ms. JEEVITHA Y. D. Mr. KARTHIK J.	5,000.00
452.	47S_BE_0409	RAILSAFE: ADVANCING RAILWAY SAFETY THROUGH AUTOMATED GATE CONTROL, SMOKE DETECTION AND AIRBAG SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ACHYUTHA PRASAD N.	Ms. PRIYA S. Ms. PRIYA R. Ms. PREKSHA C. Ms. PAVITHRA M. R.	5,000.00
453.	47S_BE_0415	ADVANCED IOT SOLUTIONS TO MONITOR UNDERPASS WATER LOGGING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VIDYA E. V.	Mr. VIMUKTHI B. V. Mr. JEEVAN MUDDAJJI Mr. JYOTHI PRAKASH P. Mr. KARTIK	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

454.	47S_BE_0531	IOT BASED RAILWAY TRACK FAULTS AND DISASTER DETECTION, CHECKING FOR PLATFORM AVAILABILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHASHIKALA A. B.	Ms. HARSHITHA M. B. Ms. SHEETAL Ms. SINDHU T. Ms. SONU M. K.	5,000.00
455.	47S_BE_0533	SECURED DATA TRANSFER WITH ADVANCED ENCRYPTION AND DECRYPTION PROCEDURE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHWETHA N.	Ms. BHUMIKA M. Ms. HARSHITHA F.	4,000.00
456.	47S_MTech_0025	EXPLAINABLE ARTIFICIAL INTELEGENGE IN CYBERSEURITY	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. ACHYUTHA PRASAD N.	SAVITHA B.	3,500.00
457.	47S_BE_2831	PARKING SYSTEM USING IMAGE PROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. USHA B. S.	Mr. PAVAN KUMAR M. Mr. GAURAV S. Mr. PUNYESH B. N. Mr. RIKITH THAMMAIAH T. K.	4,000.00
458.	47S_BE_4787	HYBRID POWERED IOT BASED SMART POLE FOR EV CHARGING ON HIGHWAYS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. GAYATRI CHAVAN Prof. RASHMI G.	Mr. ABHISHEK A. P. Mr. DUSHYANTH M. N. Mr. TEJA M. V. Mr. NANDAN K.	4,500.00
459.	47S_BE_1184	MANHOLE DETECTION AND MONITORING SYSTEM FOR SAFE AND CLEAN SOCIETY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHRUTHI T. V.	Mr. PRAJWAL KUMAR M. T. Mr. MADHUKESHWAR HEGDE Mr. ARUN HEGDE	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

460.	47S_BE_1263	DEEPPAKE VIDEO DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SURESH M. B.	Mr. LIKHITH P. Mr. ABHISHEK T. N. Mr. CHETHAN GOWDA R. Mr. DINESH N.	4,000.00
461.	47S_BE_1371	INTELLIGENT AMBULANCE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. K. S. SMITHA	Mr. NIKHIL H. L. Ms. BHUMIKA G. V. Ms. ROSHINI N. POOJARY Mr. SHANKAR M. HEGDE	4,000.00
462.	47S_BE_5113	DUAL AXIS SUNFLOWER SOLAR TRACKING SYSTEM WITH AUTOMATIC STREET LIGHT CONTROL	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. HEMANTH KUMAR K.	Ms. ARCHANA G. T. Ms. CHAITHRA H. C. Ms. DHANUSHREE K. N. Ms. LAVANYA S.	3,500.00
463.	47S_BE_4668	DEVELOPEMENT OF FLOATING WASTE CLEANING ROBOT FOR LAKES & RIVERS	B.E.	MECHANICAL ENGINEERING	Mr. PRASHANTH S.	Mr. KIRAN PRAKASH Mr. ARAVIND RAJ G Mr. MADHU KIRAN Mr. PURUSHOTHAM	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	68,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273081DC	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 56. 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.)
464.	47S_BE_2679	DETECTION OF PHYSICO-CHEMICAL ANALYSIS OF GROUNDWATER BY USING GIS AND RS	B.E.	CIVIL ENGINEERING	Prof. SUMA T. N. Prof. MAHADEVA C. K.	Ms. SOWBHAGYA S. M. Ms. SUJATHA N. J. Mr. NIRANJAN N. Mr. MANOJ U. S.	5,000.00
465.	47S_BE_3904	EVALUATION OF ULTRA HIGH PERFORMANCE CONCRETE EXPOSED TO ELEVATED TEMPERATURE	B.E.	CIVIL ENGINEERING	Prof. SUMA T. N. Prof. MAHADEVA C. K.	Mr. PUNEETH D. Mr. PREETHAM R. Ms. LAVANYA H.	5,500.00
466.	47S_BE_2929	BOTANICVISION: REVEALING THE SECRETS OF MEDICINAL PLANT THROUGH IMAGE PROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. PADMAVATI K. Ms. SUSHEELA N.	Ms. MADHUSHREE D. N. Ms. NISARGA N. L. Ms. SHREYA R. PISSAY Ms. SIRI R. PISSAY	4,500.00
467.	47S_BE_3793	DESIGN AND DEVELOPMENT OF COST EFFECTIVE ELECTRIC VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SUMITHA C. Dr. CHANDAN B. R.	Mr. ABDUL REHAMAN Mr. NITHIN S. R. Mr. SIDDESH M. R. Mr. ABHISHEK Y. M.	4,500.00
468.	47S_BE_4754	DESIGN AND FABRICATION OF SANITARY NAPKINS INCENERATOR	B.E.	MECHANICAL ENGINEERING	Ms. PRASHANTH S. Dr. RAJATH H. G.	Mr. THARUN KUMAR R. Mr. PRAJWAL GOWDA H. A. Mr. VARDHAN D. R.	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

469.	47S_BE_4982	DESIGN AND FABRICATION OF GARBAGE COLLECTOR ON BEACH USING SOLAR POWER	B.E.	MECHANICAL ENGINEERING	Dr. RAJATH H. G. Mr. PRASHANTH S.	Mr. SHIVU V. Mr. PUNEETH G. M. Mr. MANOJ K. S. Mr. YASHWANTH GOWDA G. N.	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	32,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 57. 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.)
470.	47S_BE_4822	PREDICTION OF SILKWORM COCOON SHELL WEIGHT AND QUALITY USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. PRAVEEN R.	Ms. RACHITHA A. Ms. ANKITHA R. Ms. SINCHANA H. S.	5,000.00
471.	47S_BE_2725	DESIGN AND DEVELOPMENT OF SMAL SCALE COMPOSTING PLANT FOR HOUSE HOLD WASTE MANAGEMENT	B.E.	BIOTECHNOLOGY	Dr. PAVAN K. J. Dr. PRADEEP M. J.	Mr. AKSHAY JAGADISH SHET Mr. KIRAN B. Mr. DILEEP G.	5,500.00
472.	47S_BE_3078	BIOSYNTHESIS OF SILVER NANOPARTICLES FOR APOPTOSIS AND ANTICANCER STUDIES AGAINST LUNG CANCER.	B.E.	BIOTECHNOLOGY	Dr. PRAKASH K. K. Ms. SUSHMA B. S.	Ms. SINDHU RAJEEVAGOUDA PATIL Ms. AKSHATA NAGENDRAPPA BALIGAR Ms. BHAVANA H. Ms. HARSHITHA H. U.	5,500.00
473.	47S_BE_3257	DEVELOPMENT OF BIODEGRADABLE SACS FOR FRUIT RIPENING USING RICE STARCH	B.E.	BIOTECHNOLOGY	Dr. GURUMURTHY H. Dr. PRADEEP M. J.	Ms. NAVYA J. M. Ms. NAMITHA H. N. Ms. PRIYA R. PANIBHATE Ms. TANAYA TIWARI	5,500.00
474.	47S_BE_2364	STUDY OF CONCRETE USING ARECA NUT HUSK ASH AND RICE HUSK ASH ON PARTIAL REPLACEMENT OF CEMENT	B.E.	CIVIL ENGINEERING	Dr. B. K. VARUN	Mr. SHASHANK D. A. Mr. MOHAMMAD ASHRAF PARRAY Mr. SIRAJ SALEHEEN ZAFFARI Mr. YASHWANATH RAO G. SINDHE	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

475.	47S_BE_2753	PHYTOREMEDIATION FOR TREATING DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	Dr. KIRANKUMAR H. S.	Ms. SANJANA K. S. Ms. DEEPTHI H. J. Mr. VIKRANTH B. Mr. VINAYAKA K. B.	5,000.00
476.	47S_BE_3196	FEASIBILITY STUDY ON APPLICATION OF PHYTORID TREATED DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	Mrs. SPOORTHI B.	Mr. FAIZAN KHAN Ms. BHOOMIKA U. C. Ms. SUSHMA B. J. Ms. USHA M.	5,000.00
477.	47S_BE_3706	STABILIZED ADOBE BLOCKS USING WASTE PRODUCTS	B.E.	CIVIL ENGINEERING	Mr. PUTTARAJ M. H.	Mr. BHUSHAN KANAVI Mr. ABHISHEK R. Ms. SHUBHALAKSHMI PATIL Mr. VISHALGOUDA M. PATIL	5,500.00
478.	47S_BE_2900	ECO-CHARGE: EMPOWERING HOMES FOR SUSTAINABLE MOBILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NAYANA K.	Mr. VARUN S. PATIL Mr. SANDESH C. S. Mr. SHREE HARSHA B. K. Mr. TUSHAR B. R.	5,000.00
479.	47S_BE_3414	EDU AR: AUGMENTED REALITY ENHANCED E-LEARNING APPLICATION FOR KIDS WITH DOWN SYNDROME	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. NAYANA K.	Ms. DISHA M. J. Ms. CHANDANA S. RAMANAHALLI Mr. ADITHYA R. KASHYAP Mr. ADITYA U. PAI	5,000.00
480.	47S_BE_2654	IOT BASED CROP MONITORING AND CROP RECOMMENDATION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MANJULA B. K.	Mr. DARSHAN P. S. Mr. ABHISHEK H. S. Mr. KALLESHA G. A. Ms. AISHWARYA M. C.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

481.	47S_BE_3309	DSP INTEGRATION FOR SMART COMPOST MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SUPRITH P. G.	Ms. AMULYA B. GAEKWAD Ms. AISHWARYA N. Ms. ANUSHA R B Mr. KARTHIK K. S.	5,000.00
482.	47S_BE_2671	EAZYEYES: AN EFFICIENT EYE TYPING APPLICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NEELAMBIKE S.	Ms. DEVIKA M. Ms. DYAMALAMBA C. Ms. HEMASHREE C. H. Ms. SANJANA R.	4,500.00
483.	47S_BE_3693	MACHINE LEARNING METHODS FOR NETWORK INTRUSION DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. FIROZ KHAN	Mr. VEERESHA T. R. Mr. ADARSH D. C. Mr. DEEPAK BABA H. M. Mr. NANDISH M. K.	5,000.00
484.	47S_BE_3705	PRESCRIBOCARE (MEDICAL PRESCRIPTION RECOGNITION MODEL USING ML)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. NASREEN TAJ MB	Ms. RIZA FATHIMA Mr. ASRAR S. B. Mr. ARSHAD KHAN Mr. SUMANTH M.	4,000.00
485.	47S_MBA_0132	THE COMPREHENSIVE STUDY ON ADOPTION AND IMPACT OF ORGANIC FARMING IN RURAL AREAS WITH REFERENCE TO BEVINAHALLI, HARIHAR TALUK, DAVANAGERE DISTRICT	MBA	MBA	Dr. K. JAGADESWARI Mr. VINAY I.	Ms. RACHANA B. M. Ms. KAVYASHREE H. P. Mr. DARSHAN P. S.	4,000.00
486.	47S_MBA_0158	INNOVATIVE APPROACHES FOR E-WASTE RECYCLING AND RESOURCE RECOVERY WITH REFERENCE TO DAVANGERE CITY (KARNATAKA)	MBA	MBA	Dr. K. JAGADESWARI Mr. SHREESHAILA P VIJAVAPUR	Ms. RAKSHITHA M. Mr. SUMAN M. Mr. MEGHARAJ P. Mr. BHARATESH A. P.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

487.	47S_BE_1921	DESIGN AND DEVELOPMENT OF RECYCLED MATERIAL LOWER LIMB EXOSKELETON FOR IMPROVED MOBILITY AND HEALTH ASSESSMENT IN PHYSICALLY CHALLENGED INDIVIDUALS	B.E.	MECHANICAL ENGINEERING	Dr. MUDASAR PASHA B. A.	Mr. MUZAMMIL BASHA Mr. JAYAKUMAR GOPAL SHETASANADI Mr. MUNI P. Mr. MOHAMED ARBAZ K.	5,500.00
488.	47S_BE_2079	IOT-BASED EARTH-SYMBIOTIC SMART AIR CONDITIONING	B.E.	MECHANICAL ENGINEERING	Mr. SURESH BABU S. U.	Mr. PRATHIK D. B. Mr. BALRAJ M. Mr. SATISH M. V. Mr. SHIVAGIRI M. S.	5,500.00
489.	47S_BE_2310	BATTERY THERMAL MANAGEMENT SYSTEM FOR ELECTRICAL VEHICLE USING MAT LAB	B.E.	MECHANICAL ENGINEERING	Dr. BASAVARAJAPPA S. Mr. ANIL KUMAR T. R. B	Mr. GOMBI RAVIKIRAN Ms. MANASA J. Mr. KOTRESH H. G. Ms. BINDU SHREE B. R.	5,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	28-05-2024	NEFT Dr-P149240325299348-PRINCIPAL, G.M. INSTITUTE OF TECHNOLOGY-UTIB0000225	85,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272851DC	14,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
490.	47S_BE_0977	EDUWHIZ - AN IOT BASED CHATBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ASHA RANI M.	Ms. BHAVAANI K. Ms. AASHREETHA L. Ms. BHUVANESHWARI P. N. Ms. GUNAMADHU N.	5,000.00
491.	47S_BE_0985	DRONOBOT REPORTER USING ETHERNET-LESS HAM RADIO SSTV	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAVIRAJ P.	Ms. AKSHATHA G. S. Ms. BINDYA ANTONY Ms. CHARISHMA C. Ms. DEEPIKA B. N.	5,000.00
492.	47S_BE_1090	DESIGN AND DEVELOPMENT OF AUTO POWER CONVERSION FOR EV TWO-WHEELER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHARATHI R.	Ms. INCHARA K. S. Ms. ANANYA JOIS Ms. HARSHITHA H. S. Ms. B. V. MANASA	4,000.00
493.	47S_BE_1155	GUARDIANBOT: ADVANCING MARINE CONSERVATION THROUGH PLASTIC CLEANING AND SURVEILLANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ARPITHA SHANKAR S. I.	Ms. DIVYA MOHAN Ms. DIVYASHREE N. Ms. KEERTHANA C. Ms. KEERTHANA H. K.	4,000.00
494.	47S_BE_1159	FIRE FIGHTING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHARATHI R.	Ms. RAKSHITHA S Ms. RAMYASHREE N. Ms. RANJITHA R. Ms. TASMEEN TAJ	5,500.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

495.	47S_BE_1029	DESIGN AND DEVELOPMENT OF ROBOTIC VEHICLE TO ASSIST THE PATIENTS IN ISOLATION WARD	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mrs. LALITHA K. Dr. M. V. SRINIVAS RAO	Ms. TEJASWINI K. S. Ms. H. R. MANDHARA Ms. HEMA P.	5,500.00
496.	47S_BE_1146	DESIGN AND INITIATION OF LIDAR BASED VISIBILITY DISTANCE ESTIMATION UNDER ADVERSE WEATHER FOR COLLISION AVOIDANCE IN FOG.	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mrs. AMRUTHA R. Mrs. SOWJANYA M. N.	Ms. SOWJANYA S. K. Ms. RANJUSHREE N. R. Ms. SUSHMITHA K. S.	5,500.00
497.	47S_MBA_0041	GEN Z AND HYBRID VEHICLES: AN EXPLORATION OF ADOPTION DRIVERS	MBA	FINANCE, MARKETING AND HUMAN RESOURCES	Dr. SHASHIDHAR S. MAHANTSHETTI Ms. SONAL SAWAKAR	Ms. BHANUPRIYA S. R. Ms. NISARGA G. Ms. KAVANA V. R. KEERTHANA B	5,000.00
498.	47S_BE_1436	TALKHANDS: COMMUNICATING WITH THE SILENCED USING A MACHINE LEARNING POWERED SIGN LANGUAGE CONVERTER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. ANAND M.	Ms. SAMIKSHA D. PATIL Ms. BHOOMIKA H. D. Ms. KARUNYA M. SIDDI Ms. YASHASWINI M.	5,000.00
499.	47S_BE_1581	IOT BASED FISH FEEDING AND MONITORING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. CHAYA P.	Ms. SOWNDARYA S. Ms. DHANUSHREE V. Ms. DHANYATHA S. R. Ms. DISHA S.	4,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	27,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273101DC	21,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 59. GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GITAM OFF CAMPUS, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
500.	47S_BE_0761	CROSS VOTER DETECTION USING ZYNQ 7000 SOC	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. M. ARUN KUMAR	Ms. A. ANITHA Ms. N. SAI NIKHITHA Ms. K. JAHNAVI DEVI Ms. D. NANDINI	5,000.00
501.	47S_BE_3478	INTEGRATED SOLDIER SUPPORT SYSTEM (IS3): ENHANCING NAVIGATION, COMMUNICATION, AND HEALTH MONITORING IN WARFARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUNITA PANDA Mrs. DIOLINE SARA	Ms. SADUVULA LATHA SREE Ms. BASINENI YASHASWINI Ms. VARSHA K. Ms. THAMMINENI MANISHA	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GITAM OFF CAMPUS, BENGALURU	15-05-2024	NEFT Dr-P136240322802653-GITAM SCHOOL OF TECHNOLOGY BENGALURU-UBIN0567116	10,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 60. 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.)
502.	47S_MSC_0145	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE FOR PRECISION WEED REMOVAL OF ZEA MAYS CROPS WITHIN THE KARNATAKA REGION	M.Sc	BIOTECHNOLOGY	Dr. L.A.RAMA CHANDRA PRASAD Dr. VANITHA KRISHNA SUBBAIAH	Ms. BELLAM DARSHITHA Mr. NAMA GOKUL Ms. BHASWATI ROY Ms. JAHNABI ROY	5,500.00
503.	47S_MSC_0146	DEVELOPMENT OF HAND COORDINATION LETTERS FOR PATIENTS WITH NEUROLOGICAL CONDITIONS	M.Sc	BIOTECHNOLOGY	Dr. ANNIE THOMAS Dr. VANITHA KRISHNA SUBBAIAH	Ms. SANJANA GIRI Mr. MAYURESH JAMKAR Mr. ARYAN PAWAN SAINI Ms. SAYALI DESHMUKH	5,500.00
504.	47S_MSC_0163	HAND HELD CLAW CANE	M.Sc	BIOTECHNOLOGY	Dr. PINKY DUTTA	Mr. K. JOHN NEHA Ms. ANNIE SMITHA S. Ms. P. SINDHU SHREE Ms. SWAGATA DEURI BHARALI	5,500.00
505.	47S_MSC_0171	URBAN GREEN MAPPER: CONNECTING FRUIT AND VEGETABLE MARKET WASTE ANALYSIS TO SUSTAINABLE ENERGY GENERATION AND HEALTH MAPPING IN URBAN COMMUNITIES FOR LONG-TERM SUSTAINABILITY	M.Sc	BIOTECHNOLOGY	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T. P.	Ms. VERTIKA SHARAMA Mr. ADRISH MAJUMDAR Ms. VIAJAYALAKSHMI C.	5,000.00
506.	47S_MSC_0259	ASSOCIATION BETWEEN PHYSICAL ACTIVITY LEVELS AND NON COMMUNICABLE DISEASE IN ADULTS OF URBAN BANGALORE	M.Sc	BIOTECHNOLOGY	Dr. ANJALI SURESH	Ms. SHAGUFTA SHADAB Ms. RIDHAM MEGHANATHI Ms. KRITIKA SINGH Ms. AKSA ANN MATHEW	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

507.	47S_MCA_0095	AI ASSISTNAT FOR PC	M.C.A.	COMPUTER APPLICATIONS	Prof. THANGAMUTHU P. Prof. HARSHITHA N.	Mr. SAIDEEP Mr. PATEL BHAVIN RAMESHBHAI Mr. KATRAGADDA VARUNKUMAR Mr. M. JAYA BHANU PRAKASH	5,000.00
508.	47S_MSC_0215	SYNTHESIS OF RECYCLED POLYESTER TEXTILES THROUGH ADVANCED DIGITAL PRINTING METHODS	M.Sc	FASHION AND APPAREL DESIGN	Mr. KIRAN KUMAR P. Ms. GUDDI DEB SEN	Ms. SHAKTHISHREE G Ms. ANAGHA M. T.	5,500.00
509.	47S_MSC_0225	SYNTHESIS OF LATENT FINGERPRINT POWDER USING EGG SHELL NANOPARTICLES AND ROSE PETALS	M.Sc	FORENSIC SCIENCE	Prof. JOEMON K. J.	Mr. BHARATH KUMAR K. Mr. THOUSEEF AHMED R.	5,500.00
510.	47S_MSC_0240	VULNERABILITY TO VIGILANCE BUILDING ROBUST CYBERSECURITY PRACTICES AMONG AGING COMMUNITIES	M.Sc	FORENSIC SCIENCE	Dr. MAYURI SAHAY Dr. YERRISWAMY K.	Ms. PRATHIYUKSHAA V. Ms. LAVANYA S. KODARI Ms. THANUSHREE N.	6,500.00
511.	47S_MSC_0181	MICROBIAL ADAPTATION AND COPPER TOLERANCE CHALLENGES IN BIOLEACHING OF ELECTRONIC WASTE (E-WASTE)	M.Sc	LIFE SCIENCE	Dr. MANJUNATHA T. P. Dr. KIRANKUMAR S.	Mr. MAHABALA KHEBOJI Mr. DRUTHIK SHOURYA	7,000.00
512.	47S_MBA_0125	AUGMENTED AND VIRTUAL REALITY INTRODUCTION FOR TOURISM SITES IN KARNATAKA	MBA	MBA	Dr. PREM KUMAR Mr. DHEELEPAN G. VAITHIAPPAN	Mr. SAHIL UPPIN Mr. COL NAYANJYOTI BURAGOHAIN Ms. SOWMYA R. P. Mr. ATHARWA MALAWADE	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

513.	47S_MBA_0134	ENHANCING DIGITAL LITERACY IN FINANCE: A COMPREHENSIVE STUDY AND EDUCATIONAL INTERVENTION	MBA	MBA	Dr. SWETHA APPAJI PARIVARA Ms. ANUMITA CHAUDHURY	Ms. M. ARCHANA VYSHALI Mr. G. CHANDRAKANTH Mr. MANOJ KUMAR K. Mr. H. IDAYATHULLA	3,500.00
514.	47S_MSC_0125	DESIGN AND DEVELOPMENT OF SUSTAINABLE PLANT BASED CELLULOSE FILTERS FOR WASTEWATER PURIFICATION	M.Sc	MICROBIOLOGY	Dr. PREMA KULKARNI Dr. SHEEJA M. S.	Mr. AYANAVA GOSWAMI Mr. ASHUTOSH KUMAR Mr. TANMAY PRASHANT GADANKUSH	3,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	GARDEN CITY UNIVERSITY, BENGALURU	28-05-2024	NEFT Dr-P149240325299352-GARDEN CITY UNIVERSITY-SBIN0015035	56,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273091DC	10,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
515.	47S_BE_2719	AERO-ELASTIC DIVERGENCE BEHAVIOUR ON TAILORED COMPOSITE WING	B.E.	AERONAUTICAL ENGINEERING	Dr. BINO PRINCE RAJA D.	Ms. MRUDHULA S. Ms. DAKSHA B.	7,000.00
516.	47S_BE_3261	EXPERIMENTAL AND NUMERICAL ANALYSIS OF CARBON FIBER CROSSPLY LAMINATE UNDER HYGROTHERMAL CONDITIONS	B.E.	AERONAUTICAL ENGINEERING	Dr. BINO PRINCE RAJA D. Dr. SURESH C.	Ms. TEJESHWINI S. Mr. GAGAN KUMAR G. N. Mr. KIRAN KUMAR P. C.	7,000.00
517.	47S_BE_3001	AI-ENHANCED LEARNING PLATFORM FOR THE VISUALLY IMPAIRED	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Dr. ASHWINI KODIPALLI Prof. TRUPTHI RAO	Ms. VASUKIRAN V. L. Ms. ADITI P. BELLUR	3,500.00
518.	47S_BE_3498	INTELLIGENT CODE REVIEW SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	Mr. ANAND PANDURANGA Mrs. TRUPTHI RAO	Mr. SAI AKHIL M. C. Ms. SANJANA SHARMA B. S.	3,500.00
519.	47S_BE_2342	FLOOD SUSCEPTIBILITY MAPPING FOR KORAMANGALA CHALLAGHATTA (KC) VALLEY USING AHP METHOD	B.E.	CIVIL ENGINEERING	Mrs. PALLAVI H. J. Dr. SHIVAKUMAR NAIKLAL	Mr. RICHARDSON Mr. GURURAJ ATNOOR Mr. MOHAMMED GHUFRAN Mr. ASIF ALI HAKEEM	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

520.	47S_BE_2475	COMPARATIVE STUDY OF POLLUTANT IN SEA WATER DUE TO URBANIZATION IN COSTAL LINE OF KARNATAKA	B.E.	CIVIL ENGINEERING	Mrs. VARUNA KOTI	Mr. SOORAJ SINDHEY Mr. LAKSHMISHA R. Mr. NITHIN N.	4,500.00
521.	47S_BE_3072	STUDY ON BUBBLE DECK SLAB	B.E.	CIVIL ENGINEERING	Ms. ANKITHA KIRANA KUMAR Dr. ALLAMAPRABHU	Mr. SANJAY K. N. Mr. GUNASHEKHAR C. Mr. HEMANTH KUMAR G. C Mr. CHANDAN H. D.	5,500.00
522.	47S_BE_5165	STUDY ON EFFECT OF MOLARITY OF ALKALINE SOLUTION IN RED SOIL BASED ON GEO-POLYMER BRICKS	B.E.	CIVIL ENGINEERING	Mrs. PALLAVI H. J. Mr. DHAVALA SURESH	Mr. BHUVAN D. Mr. NAVEEN K. S. Mr. LIKITH GOWDA H. S. Mr. PRAVEEN R.	5,000.00
523.	47S_BE_1078	DEEP GUARD-PRECISION AERIAL TARGET AND CLUTTER CLASSIFICATION FRAMEWORK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI R.	Ms. USHA KIRAN K. Ms. SINCHANA N. S.	4,000.00
524.	47S_BE_2780	BEYOND BOOKS: A NEW ERA OF SMART LEARNING WITH AUGMENTED REALITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEENA V. PATTANKAR	Ms. YOGITHA P. Ms. SINCHANA S.	3,500.00
525.	47S_BE_2975	CONSTRUCTING SMALL LANGUAGE MODELS AS SME USING MINIMAL RESOURCES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VANISHREE M. L.	Ms. VAISHNAVI N. Ms. TEJASHREE S. Ms. SINCHANA K.	4,000.00
526.	47S_BE_3336	SELF CHARGING SOLAR SURVEILLANCE DRONE (AGRICULTURAL IMPLEMENTATION)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. G. JAYCHITRA	Mr. MANOJ A. Ms. KUSHI K. Ms. ANAGHA K.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

527.	47S_BE_1933	IOT ENABLED DYNAMIC CHARGING FOR EV WITH SOLAR INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SHUBHA G. N.	Ms. HARSHITHA T. Ms. MONIKA C. R. Mr. PRANITH GOWDA	5,500.00
528.	47S_BE_2736	FINGERPRINT AND FACIAL RECOGNITION ENABLED VOTING SYSTEM USING THINGSPEAK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PREETHI K. SHARMA	Mr. JISSHNU N. S. Mr. KUSHAL V. Mr. LOHITH GOWDA	5,000.00
529.	47S_BE_2874	AN AUTOMATED WATER SURFACE CLEANING AND MONITORING SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SANGEETA K. SIRI	Ms. MONICA P. Ms. POORVI C. SHETTY xl	5,000.00
530.	47S_BE_3121	AN EFFIECIENT TRAFFIC SYSTEM FOR EMERGENCY VEHICLES USING INTERNET OF THINGS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SUBHASH KAMBLE	Mr. SHAMANTH K. N. Mr. S. BHARATH GOWDA	4,500.00
531.	47S_BE_4360	SUBGROUPS OF CHILDREN WITH KAWASAKI DISEASE A DATA DRIVEN CLUSTER ANALYSIS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KIRAN Y. C.	Ms. TANVI R. Ms. VIBHA B. R.	4,500.00
532.	47S_BE_4291	LOW-COST PORTABLE OXYGEN CONCENTRATOR USING PRESSURE SWING ADSORPTION TECHNIQUE	B.E.	MECHANICAL ENGINEERING	Dr. SHREEKALA N.	Mr. SAAHIL S. PAWAR Mr. SHREYAS M. Mr. SWARUP SANTHOSH M.	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

533.	47S_BE_4946	GREEN DESALINATION: ADVANCED SUSTAINABLE WATER PRODUCTION THROUGH SOLAR AND WIND POWERED TECHNOLOGY	B.E.	MECHANICAL ENGINEERING	Dr. BHARAT VINJAMURI	Mr. BASAVANA GOWDA B. Y. Mr. SATISH P. Mr. SHASHANK S. D.	5,500.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299355-PRINCIPAL, GLOBAL ACADEMY OF TECHNOLOGY-UBIN0814351	89,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273121DC	3,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
534.	47S_BE_0455	DESIGN, DEVELOP, AND TESTING A HYBRID QUADCOPTER-ROVER (DROVER) FOR RESCUE OPERATIONS, DISASTER MANAGEMENT, AND INDUSTRIAL SURVEILLANCE	B.E.	AERONAUTICAL ENGINEERING	Mr. RAJASHEKHARAREDDY H. G.	Mr. VADAKKERKARA RAMESH ROOPESH Ms. SHAESTHA TARANUM	8,500.00
535.	47S_BE_0519	DESIGN AND FABRICATION OF MODULAR ELECTRIC PROPULSION SYSTEM FOR UAV'S.	B.E.	AERONAUTICAL ENGINEERING	Prof. SUPRITH M.	Mr. SKANDA NAVADA Mr. RISHITH K Mr. S. KARAN Mr. THARUN SURYA D. J.	7,000.00
536.	47S_BE_2767	DESIGN AND DEVELOPMENT OF 3DOF TESTING MECHANISM FOR UAV	B.E.	AERONAUTICAL ENGINEERING	Mr. ADARSH KRISHNAMURTHY	Mr. GAGAN D. Ms. HEMASHREE D. S. Mr. SYED SULTHAN K. Mr. VARUN REDDY	7,000.00
537.	47S_BE_4217	DESIGN AND DEVELOPMENT OF ROBUST ICOSAHEDRON FRAME CAPABLE OF ABSORBING AND DISSIPATING COLLISION FORCES, MINIMISING THE RISK OF CRITICAL DAMAGE TO UNMANNED AERIAL SYSTEM	B.E.	AERONAUTICAL ENGINEERING	Dr. MANJUNATH S. V.	Mr. M. P. THASHWAN SARATHI Ms. AMRUTHA M. Ms. SAHANA GHORPADE Ms. VARSHINI A. R.	9,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

538.	47S_BE_3986	LIP READER USING DEEP LEARNING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. R. G. SAKTHIVELAN Dr. SWATHI Y.	Mr. DARSHAN R. Mr. VARUN REDDY B. Mr. T. SAI Mr. ARYA BISWAS	4,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT, BENGALURU	15-05-2024	NEFT Dr-P136240322802654-GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT-UTIB0000514	36,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
539.	47S_BE_0366	ROBOT WASTE SEGREGATOR USING COMPUTER VISION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHABEEN TAJ G. A.	Mr. RITESH R. Mr. HARSHITH N. J. Ms. PRAKRUTHI R. Mr. SACHIN C. S.	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ART PARK sponsorship	PRINCIPAL GOVERNMENT ENGINEERING	05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273181DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
540.	47S_BE_4198	MATRIX360 : AN INTEGRATED APPROACH TOWARDS SMART-FUELING, MONITORING AND SECURITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SHWETA NAIK	Mr. GANARAJ NAYAK Mr. BHARAT N. NAIKAR Mr. AKSHAY G. Ms. ROOPA NAGARAJ BHAJANTRI	4,500.00
541.	47S_BE_2931	SMART CURVED RAIL LUBRICATION SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. SRINIVASA MURTHY M. Dr. VASANTH KUMAR H. S.	Mr. AMRUT SURYAVANSHI Mr. AKSHAY ANANDU NAIK Mr. CHAITANYA SANDEEP RAIKAR Mr. PRAVEENA P NAIK	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
GOVERNMENT ENGINEERING COLLEGE, KARWAR	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	11,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 65. GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
542.	47S_BE_4761	SMART ELECTRONIC VOTING SYSTEM BY USING FINGERPRINT RECOGNITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. RUDRAPPA K. M.	Mr. K. H. M. CHANDRASHEKARA Mr. JAKEERHUSEN M. UKKADAGATRI Mr. DARSHAN G. D.	5,000.00
543.	47S_BE_4466	SMART ASSISTIVE SYSTEM FOR VISUALLY CHALLENGED PEOPLE WITH EMERGENCY ASSISTANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GURUBASAVANNA M. G.	Mr. THARUNESHWARA PRASAD S. Mr. SOMESH C. Mr. GOWTHAM K. Mr. GURURAJ S. J.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	10,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 66. 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.)
544.	47S_BE_1153	WASTE CONTAMINATION IN WATER USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEERESH Mrs. TEJASWINI ESHWAR ACHAR	Ms. C. MADHUSHREE Mr. MUTTANNA B. RAMKOTI Ms. SANDHYA P. Ms. SUSHMA K.	5,000.00

**Note:** The sanctioned amount will be transferred to college account against the submission of college bank details.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 67. 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.)
545.	47S_BE_1892	EXPERIMENTAL INVESTIGATION ON FERROCK BASED ECO-FRIENDLY CONCRETE	B.E.	CIVIL ENGINEERING	Dr. BASAPPA. B. KORI	Mr. SATYANARAYAN Mr. ARJUN Mr. AKASH Mr. PRANESH	4,000.00
546.	47S_BE_2147	TREATMENT OF INDUSTRIAL WASTE WATER AND ENERGY PRODUCTION USING PAPER BASED MICROBIAL FUEL CELL TECHNIQUE	B.E.	CIVIL ENGINEERING	Dr. RAJANI SARANADAGOUDAR	Mr. MD MUSTAFA KHAN Mr. MD UMAR SERIKAR Mr. MD AMAAN Mr. MOHD ABRAR UDDIN S.	5,500.00
547.	47S_BE_2946	EFFECT OF PARTIAL REPLACEMENT OF CEMENT WITH GGBS AND FULLY REPLACEMENT OF NATURAL AGGREGATE BY SINTERED FLY ASH LIGHT WEIGHT AGGREGATE IN CONCRETE.	B.E.	CIVIL ENGINEERING	Prof. SUNIL KUMAR BIRKUR	Ms. AMBIKA Ms. VIJAYLAXMI TOKARE Mr. ADITYA BIRADAR Mr. VISHNU PATIL	4,000.00
548.	47S_BE_5194	EXPERIMENTAL STUDY TO ANALYSE THE PHYSICO-CHEMICAL PARAMETERS OF TREATED GREY WATER	B.E.	CIVIL ENGINEERING	Mr. PUNEETH KUMAR	Mr. OMKAR Mr. ASLAM PASHA Mr. ABHISHEK Mr. MAHAMAD AKBAR	5,000.00
549.	47S_BE_0591	AI INTEGRATED MENTAL HEALTH SUPPORT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAVITRI WARAD	Mr. TUSHAR KORE Mr. PAVAN MAJGE Ms. VAISHNAVI J. Ms. VAISHNAVI S.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

550.	47S_BE_1324	IMAGE - STEGANOGRAPHY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. REEBA RANI Prof. ANIL KULKARNI	Mr. MD JUNAID ALI Mr. SYED JUNAID ALI	5,000.00
551.	47S_BE_1770	DEPRESSION DETECTION USING AIML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANURADHA	Ms. VAISHNAVI BIRADAR Ms. SUVASINI Ms. PRIYANKA Ms. PRIYA	5,000.00
552.	47S_BE_1802	KEY GENERATION AND MANAGING SECRETS USING ALGORITHMS AND CLOUD	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANURADHA ANNIGERI	Mr. BASWA PRASAD Ms. AKSHATA Mr. MANJAPPA Mr. NAGRAJ PARSHETTY	4,500.00
553.	47S_BE_1990	CAMPUS KEEPER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GURURAJ SURAMPALLI	Mr. AJIT PATIL Mr. BALAJI PATIL Mr. ABHISHEK Ms. SUSHMA PATIL	4,500.00
554.	47S_BE_2548	AMBULANCE SERVICE WITH ACCIDENT PRONE AREA DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. BHAVANA BIDARKAR	Ms. SHAMBHAVI Ms. SUHANI MATHAPATHY Ms. SUJATA LAKKA Ms. SHEETAL CHAWRE	4,500.00
555.	47S_BE_5479	ANALYSIS OF 160KW PV POWER OUTPUT FORECASTING USING MACHINE LEARNING LANGUAGE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. DURGA PRASAD	Ms. VISHNAVI M. SEEGI Ms. SHIVANI Ms. VAISHNAVI Ms. NANDINI	7,000.00
556.	47S_BE_5112	FISHERMEN TRACKING AND COMMUNICATION USING WIRELESS WATER COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SONI MANKARI	Ms. BHOOMIKA Ms. N. RITU KAUR Ms. SAKSHI	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

557.	47S_MBA_0044	LEVERAGING TECHNOLOGY FOR ENHANCED ACADEMIC PERFORMANCE OF UG-STUDENTS WITH REFERENCE TO BIDAR AND KALABURAGI REGION	MBA	FINANCE MANAGEMENT AND BUSINESS ANALYTICS	Dr. JYOTI AINAPUR	Mr. SAGAR KARMALKAR Ms. PRIYANKA KARMALKAR Ms. KAMAKSHI Ms. ESHWARI	3,000.00
558.	47S_BE_2194	DERMATOLOGICAL CATEGORIZATION USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SANGAMESHWAR K. Prof. ANIL KULKARNI	Mr. VINAY GARJE Mr. SHAH NAVEED M. QUADRI	4,500.00
559.	47S_BE_5195	SIGN LANGUAGE RECOGNITION FOR SPECIALLY ABLED PEOPLE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PRIYANKA M.	Ms. ARPITA MASUDI Ms. FATIMA TUZ ZOHRA Ms. ASNA FATIMA Ms. KIRANJEET KAUR	3,500.00

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	28-05-2024	NEFT Dr-P149240325299359-PRINCIPAL GNDEC-SBIN0040809	64,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273161DC	5,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 68. GURU NANAK FIRST GRADE COLLEGE, BIDAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
560.	47S_MSC_0112	SYNTHESIS, SPECTRAL ANALYSIS, BIOLOGICAL EVALUATION AND MOLECULAR DOCKING STUDY OF NOVEL SCHIFF BASE AND ITS METAL COMPLEXES CONTAINING INDOLE NUCLEUS	M.Sc	CHEMISTRY	Dr. NAGESH GUNAVANTHRAO	Ms. NIKITA Mr. BASAVACHETAN Ms. NAGESHWARI Ms. NEEHA	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
GURU NANAK FIRST GRADE COLLEGE, BIDAR	15-05-2024	NEFT Dr-P136240322802655-GURU NANAK FIRST GRADE COLLEGE-PSIB0000215	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 69. 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.)
561.	47S_BE_4390	STUDY ON THE BIOFILTRATION TECHNIQUE FOR GREYWATER TREATMENT	B.E.	CIVIL ENGINEERING	Prof. N. R. GOWRI Mr. SYED ABU SAYEED MOHAMMED	Mr. MOHAMMED ABDUL MUIZZ Mr. MOHAMMED QUISAR Mr. KHATEEB SM RAQEEB	4,000.00
562.	47S_BE_3052	SMART TRAFFIC CONTROL MANAGEMENT SYSTEM USING IOT AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. HUSNA TABASSUM Prof. AYESHA ANJUM	Mr. NAVEED AHAMED Mr. MOHAMMED AMEER M. Mr. MOHAMMED MURSHID ALAM Mr. MOHAMMED YASEEN SHARIFF	5,000.00
563.	47S_BE_3153	SAFETY MEASURES TO AUTO DETECT AND EXHAUSTING OF GAS LEAKAGE REMOTELY BY INVOKING AUTO VENTILATION USING IOT TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHARADA K. A. Prof. MINAL KHANDARE	Mr. SYED ASHRAF TAAHA Mr. MIR SAEED MOMIN Mr. SYED AMEEN Mr. SYED MAAZ	4,000.00
564.	47S_BE_3786	SCULPTING SPINAL HARMONY: SMART CHAIR REVOLUTION WITH NEURAL PRECISION, FORCE SENSING, AND K-FOLD CROSS-VALIDATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. AYESHA ANJUM	Mr. FAIZAN AZIZ Mr. ABDUL HASEEB Mr. ARFATH AHMED Mr. HARIS FIRDOUS	5,000.00
565.	47S_BE_3461	AI DRIVEN ADAPTIVE VENTILATOR FOR ENHANCED RESPIRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. B. P. PRADEEP KUMAR	Mr. MOHAMMED MUDASSIR Mr. PALLAVI K. P. Mr. ROSHAN ZAMEER KHAN Ms. SOWMYA K. P.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

566.	47S_BE_4136	HUMANITARIAN DEMINING UAV	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ZAHIRA TABASSUM Dr.SUFIA BANU	Ms. MANFUSA AIMAN Ms. HAJIRA SIDDIQUA Mr. MOHAMMED ABUZAR SHARIEF Mr. MOHAN BHANDARI	5,500.00
567.	47S_BE_2904	COMMUNITYGREEN: REVOLUTIONIZING WASTE MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SHREEKANTHA B. Prof. MADHUSUDHANA V.	Ms. SYEDA UMME KULSUM Mr. SYED RASHID AHMED Mr. SUJITH KUMAR N. Mr. TOUSIF SAQLAIN	5,000.00
568.	47S_BE_2936	VITAMIN DEFICIENCY DETECTION USING PHOTOS SAMPLE AND NEURAL NETWORK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SHARAVANA K. Dr. BALAJI VIJAYAN	Mr. RAGHAV SHARMA Ms. PRAKRUTHI R. Ms. RACHANA APPANNAVAR Mr. SWAPNIL MALLICK	5,000.00
569.	47S_BE_3271	AI-ENHANCED IMAGE DESCRIPTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. S. TAMILARASAN Dr. SHARAVANA K.	Mr. ASHIK S. Mr. FAEZ AHMED KHAN Mr. JEEVAN T. Mr. MOHAMMED MOIN AHMED	4,000.00
570.	47S_BE_5303	VISION BASED BOAT HEIGHT PREDICTION, CRASH AVOIDANCE WITH BRIDGE HEIGHT AND CONDITION MONITORING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SNEHA K.	Mr. SYED NUMAN Ms. BI BI HAJIRA Mr. MOHAMMED FAHEEM ADIL Mr. MUHAMMED SHAKEEL	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

571.	47S_BE_2587	FINEST APPROACH TO SYNTHESIZE BIO-ETHANAL FROM BLUE-GREEN ALGAE (RIVER ALGAE- CHLORELLA SOROKINIANA) CULTIVATED THROUGH CLOSED PHOTOBIOREACTOR SYSTEM.	B.E.	MECHANICAL ENGINEERING	Dr. SALIM SHARIEFF Dr. YOUNUS PASHA	Mr. MUHAMMED TANZEEM A. Mr. MOHAMMED HUZAIFA Mr. SHRITHIK CHANDRA	7,000.00
572.	47S_BE_3775	DEVELOPMENT AND CHARACTERIZATION OF SMART HELMETS WITH COCONUT SHELL AND WASTE PLASTIC ENHANCED POLYMER MATRIX COMPOSITES	B.E.	MECHANICAL ENGINEERING	Prof. DINESH H. A.	Ms. GELASAM PRIYANKA Mr. GIRISH K. Mr. S. MOHAMED SHAMEER	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299362-HKBK COLLEGE OF ENGINEERING SCHOLARSHIP-HDFC0003719	58,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273171DC	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 70. H.K.E SOCIETY'S SIR M. VISVESVARAYA 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.)
573.	47S_BE_2865	INDIAN SIGN LANGUAGE DETECTION SYSTEM USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SURESH PATEL	Mr. MOHAMMED SAHIL Mr. MOHAMMED PARVEZ Mr. MD SAHIL Mr. MOHAMMED GHOUSE PASHA	4,000.00
574.	47S_BE_3124	PLASTIC WASTE DETECTION USING IMAGE ANALYSIS AND PREPROCESSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUMANGALA ITAGI	Ms. SANJANA V. Ms. KHUSHI PATIL Ms. MASEERA SADAF	3,500.00
575.	47S_BE_4334	SKIN CANCER DETECTION REDEFINED : HARNESSING THE POWER OF IMAGE PROCESSING AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEERESH B.	Ms. SAHANA JOSHI Ms. PRIYANKA Ms. M. SWATI Ms. PALLA MANASHWINI REDDY	5,500.00
576.	47S_BE_0279	VOICE CONTROLLED HUMANOID ROBOT WITH FACIAL EXPRESSIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VISHWANATH P.	Mr. SOUDAGER MOHD KAIF Ms. SAHANA Ms. RAMYA Mr. MOHAMMAD SHOAIB	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	H.K.E SOCIETY'S SIR M. VISVESVARAYA COLLEGE OF ENGINEERING, RAICHUR	28-05-2024	NEFT Dr-P149240325299367-PRINCIPAL HKESSLN COLLEGE OF ENGINEERING-CBIN0283979	13,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522272931DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 71. HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
577.	47S_BE_0238	REDUNDANCY ELIMINATION IN CLOUD NETWORK STORAGE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARUNA ANIL DAPTARDAR	Mr. ABHISHEK BOLLARAPPU Mr. MANIKANTH DRAXE Mr. OMKAR PATIL Mr. PRAMOD PATIL	5,000.00
578.	47S_BE_0260	ASSESSING CAR DAMAGE WITH CNN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. S. V. MANJARAGI Prof. SUJATA MANE	Ms. SUDHA VIJAY FADI Ms. SAHANA KHEMANNAVAR Ms. SUREKHA MULIMANI Ms. VARSHA HUCHCHANNAVAR	4,000.00
579.	47S_BE_0327	YOUTUBE CLICKBAIT DETECTION USING ADVANCED MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRASANNA PATIL	Mr. SIDDHARTH P. KOKATANOOR Mr. SUSHILKUMAR PATIL Mr. SACHIN A. BADIGER Mr. SURAJ S. PATIL	4,000.00
580.	47S_BE_0454	MUSIC AND VIDEO RECOMMENDATION APP USING FACIAL EXPRESSION ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MAHESH HUDDAR Prof. S. I. MANE	Ms. ARATI CHOUDAJ Ms. PRACHI SUBHASH BABANNAVAR Ms. VAISHNAVI JADHAV Ms. PRANJALI RAMESH GOUDAR	4,000.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

581.	47S_BE_1314	VENOMX : EMPOWERING WINDOWS WITH A VOICE-POWERED AI ASSISTANT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dd. MAHESH G. HUDDAR	Mr. ADITYA Y. KESARKAR Ms. AKHILA RENDALE Ms. SHRADDHA PATIL Mr. SIDDAPPA GODI	4,000.00
582.	47S_BE_2183	DESIGN AND DEVELOPMENT OF SELECTIVE BETEL LEAF PLUCKING ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. AMIT U. NESHTI	Mr. SWAPNIL MALI Mr. ANANT DADANAVAR Mr. MANIKANTH KADAKOL	5,500.00
583.	47S_BE_1017	NEUTRALIZING ENEMIES SOLDIER OR TERRORIST USING NANO DRONE ENABLED WITH AI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SACHIN S PATIL	Mr. KARTIK PARSHURAM PUJAR Mr. ABHISHEK RAMESH SALOTAGI Mr. SAIPRASA DILIP LAKAMALE Mr. MAHNTESH SHANKAR POL	5,500.00
584.	47S_BE_1719	ADVANCED VEHICLE ANTI-THEFT AND SAFETY SYSTEM USING AI AND LI-FI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. S. S. MALAJ	Mr. VISHAL HARAGAPURE Mr. AKASH BUSARI Mr. DUSHYANT PATIL Mr. ANIKET WAGAVADE	5,500.00
585.	47S_BE_3117	INTELLIGENT DATA ANALYTICS FRAMEWORK FOR PRECISION FARMING USING IOT AND MACHINE LEARNING ALGORITHMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. D. M. KUMBHAR	Ms. AISHWARYA DUDAGANVI Mr. MD YUSUF HUKKERI Mr. PRAJWAL MAGADUM Mr. RAHUL KAPSE	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

586.	47S_BE_3863	AI-POWERED SPEECH BASED ROBOT FOR TRANSCRIPTION AND DIAGNOSTIC APPLICATIONS IN SMART HEALTHCARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. B. P. KHOT Dr. S. S. ITTANNAVAR	Mr. SAGAR MARUTI TORAGALL Ms. ASHWINI BABU PATIL Ms. POORNIMA VIJAY SHINDHE Ms. SAMRUDHI SWAPNIL KULKARNI	5,500.00
587.	47S_BE_3779	SMART SEED SOWING AND FERTILIZER DISPENSER WITH AUTOMATIC ANTI-CLOG SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. K. M. AKKOLI	Mr. YOGESH DHANWADE Mr. PRAMOD AMMANAGI Mr. SANGAMESH SURAPAGOL	5,500.00
588.	47S_BE_3835	IOT BASED PIPE INSPECTION ROBOT	B.E.	MECHANICAL ENGINEERING	Dr. S. C. Kamate Prof. GIRISH ZULAPI	Mr. ABDULRAHIM B. KAZI Mr. RAHUL M. NANDESHWAR Mr. AKASH A. BADIGER	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	28-05-2024	NEFT Dr-P149240325299371-PRINCIPAL HIRASUGAR INSTIT OF TECHNOL NIDASOSHI-KVGB0002509	37,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273191DC	22,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 72. 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.)
589.	47S_MSC_0101	IN SILICO AND IN VITRO SCREENING OF GAMMA SECRETASE INHIBITING BBB PERMEABLE WINE METABOLITES NEUROPROTECTIVE POTENTIAL.	M.Sc	BIOCHEMISTRY	Dr. ERUMALLA VENKATA NAGARAJU Dr. ANANDA VARDHAN H.	Mr. AMRUTH R. Mr. THARUN M.	7,000.00
590.	47S_MSC_0154	ISOLATION OF PLANT-BASED ACETYLCHOLINESTERASE AND DEVELOPMENT OF ENZYME NANOPARTICLES-BASED BIOSENSOR FOR DETECTION OF ORGANOPHOSPHATE LEVELS IN POLLUTED LAKE WATERS	M.Sc	BIOCHEMISTRY	Dr. PUSHPA REDDY	Mr. AMLAN HOSSAIN Ms. ALIYA FATHIMA Ms. NOUSHEEN FATHIMA Mr. PAVAN N.	5,500.00
591.	47S_MSC_0063	NEUROPROTECTIVE EFFECTS OF THE EXTRACT OF MORINGA OLEIFERA LEAVES ON HIGH SUCROSE DIET-INDUCED DIABETIC DROSOPHILA MELANOGASTER	M.Sc	BIOTECHNOLOGY	Dr. VANITHA G. RAMESH	Ms. SNEHA MANNA Ms. LIKHITHA L. Mr. NITHIN KUMAR C. V.	5,000.00
592.	47S_MSC_0227	BIO-FEED PRODUCTION FROM URBAN FOOD WASTE	M.Sc	BIOTECHNOLOGY	Dr. PARAMESH H.	Mr. SOUVIK BHUNIA Ms. KEERTHANA J. M. Mr. INCHARA R.	5,000.00
593.	47S_MSC_0034	MICROBIAL SYNTHESIS OF METHYL ANTHRANILATE USING CORYNEBACTERIUM GLUTAMICUM AND EVALUATION OF ITS ANTIMICROBIAL EFFICACY.	M.Sc	MICROBIOLOGY	Dr. S. ANU KIRUTHIKA	Ms. MARIA PREETHI Mr. NIHAR G. Ms. HAJIRA FATHIMA	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

594.	47S_MSC_0098	MOLECULAR ANALYSIS AND EXTRACTION OF LANTIBIOTICS FROM DIVERSE ACTINOMYCETES SPECIES : A COMPARATIVE STUDY OF LANTIBIOTICS AND ANTIBIOTICS USED TO TREAT NOSOCOMIAL INFECTIONS CAUSED BY STAPHYLOCOCCUS AUREUS (MRSA)	M.Sc	MICROBIOLOGY	Prof. P. RAJARAJAN	Ms. HARSHITHA N. R. Ms. AISHWARYA GOPINARENDRA PATHAK Mr. GOWTHAM G. V.	7,000.00
595.	47S_MSC_0102	IN-SILICO AND IN- VITRO ANALYSIS FOR CRAFTING A COST EFFECTIVE PROBIOTIC AND MUFA-ENRICHED PROTEIN SUPPLEMENT TARGETED AT ADULT DEMOGRAPHICS, AUGMENTED WITH LANTIBIOTICS AS A PRESERVATIVE.	M.Sc	MICROBIOLOGY	Prof. RAJARAJAN PETHANNAN	Mr. NEERAJ KRISHNA V. R. Ms. ABHILASA BHATTACHARYA Mr. PRUTHVI RAJ R. Mr. VARUN K. M.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
INDIAN ACADEMY DEGREE COLLEGE- AUTONOMOUS, BENGALURU	28-05-2024	NEFT Dr-P149240325299375-INDIAN ACADEMY DEGREE COLLEGE-UTIB0000734	42,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 73. J.S.S ACADEMY OF HIGHER EDUCATION AND RESEARCH, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
596.	47S_MSC_0169	SUSTAINABLE PRODUCTION OF HYDROGEN FROM RENEWABLE ENERGY IN IC ENGINES	M.Sc	ENVIRONMENTAL SCIENCE	Dr. ANIL KUMAR K. M. Dr. SHARANGOUDA J. PATIL	Mr. J. SHIVACHARAN NAIK	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
J.S.S ACADEMY OF HIGHER EDUCATION AND RESEARCH, MYSURU	15-05-2024	NEFT Dr-P136240322802657-JSS AHE RESEARCH AND DEVELOPMENT FUND ACC-SBIN0040547	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 74. J.S.S COLLEGE OF ARTS, COMMERCE AND SCIENCE, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
597.	47S_MSC_0073	SYNTHESIS OF PROTEIN/PEPTIDE-BASED NANOCARRIER FOR DELIVERY OF IRON, A MICRONUTRIENT	M.Sc	BIOCHEMISTRY	Dr. LATHA B. V.	Ms. GANAVI C. V. Ms. AMULYA ANTAPUR Ms. BHAVANA M. S.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
J.S.S COLLEGE OF ARTS, COMMERCE AND SCIENCE, MYSURU	15-05-2024	NEFT Dr-P136240322802658-PG ACCOUNT JSS COLLEGE-SBIN0040249	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 75. 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.)
598.	47S_MCA_0084	SMART DRIP IRRIGATION SYSTEM USING IOT	M.C.A.	COMPUTER APPLICATIONS	Ms. KOMALA H. S.	Mr. KARTHIK H. Mr. DILEEP KUMAR K. R. Mr. NITHIN KUMAR S. Mr. HRISHIKESH K. JOGI	5,000.00
599.	47S_BE_3102	INDUSTRIAL PUMP ANOMALY DETECTION FOR PREDICTIVE MAINTENANCE USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SHANTHALA K. V.	Mr. MANTHAN PRASAD Mr. NISHANTH A. R. Mr. RAHUL R. Mr. RAHUL R.	3,000.00
600.	47S_BE_3618	AI BASED DECISION SUPPORT SYSTEM FOR PREDICTING DRONE HEALTH STATUS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATH B. TALAWAR Dr. SHARANA BASAVANA GOWDA	Mr. RAHUL K. R. Mr. PRADEEP HIREMATH Mr. PRASHANTH Mr. M. C. SANTHOSH	4,500.00
601.	47S_BE_3832	AUGMENTED REALITY SYSTEM FOR AUTOMOTIVE ASSEMBLY PROCESSES AND MAINTENANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VIKHYATH K. B.	Ms. ADYA PALLED Mr. AMRIT BARANWAL Ms. ANANYA P. Ms. ANUSHA R. MULGE	3,500.00
602.	47S_BE_4689	A SUMMARIZATION TOOL FOR YOUTUBE VIDEO TRANSCRIPT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. NAIDILA SADASHIV	Mr. ANEESHA KRISHNA MAIYA U Mr. AKASH REDDY V. Ms. GEETHA S.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

603.	47S_BE_2716	AN OPTIMAL RENEWABLE ENERGY WIRELESS POWER MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. P. M. SHIVAKUMARASWAMY Dr. MALLIKARJUNASWAMY S.	Mr. NIKHIL N. Mr. M. VIJAYRAGHAV Mr. NAGARAJ MOGER Mr. YUVARAJ N.	5,000.00
604.	47S_BE_3036	DESIGN AND IMPLEMENTATION OF IOT BASED WATER QUALITY AND LEAKAGE MONITORING SYSTEM USING ML	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. D. MAHESH KUMAR Dr. MALLIKARJUNASWAMY S.	Ms. KOUSHALYA M. BIRABBI Ms. SHARANYA U. G. Ms. SAHANA B. H.	5,000.00
605.	47S_BE_4039	BONE CANCER DETECTION FROM X-RAY USING DEEP LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ARAVINDH H. S.	Ms. BHOOMIKA H. Ms. PAVANA G. Mr. ARUNA KIRANA KUMAR Mr. CHINMAYI A. P.	5,000.00
606.	47S_BE_5345	INTERNET OF THINGS BASED SERICULTURE FARM AUTOMATION USING MACHINE LEARNING ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SANGEETHA K. N. Dr. MALLIKARJUNASWAMY S.	Ms. PUNYA H. R. Ms. HARSHITHA Mr.. SUNIL P. Mr. SRUJAN S. P.	5,000.00
607.	47S_BE_3244	SMART GUARD: REVOLUTIONISING INDUSTRIES WITH IOT BASED ENVIRONMENTAL OVERSIGHT AND POLLUTION MITIGATION	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mrs. N. NAGARATHNA	Ms. AKSHATHA V. Ms. LEKHANA H. G. Ms. PUSHPAVALLI K.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

608.	47S_BE_1895	AROGYA VICHARANA - PREDICTION OF DIABETES AND ITS COMPLICATIONS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NAGAMANI N. PUROHIT	Mr. RAKSHITH R. Mr. HARI DARSHAN S. V. Mr. SHIVAM NATH Mr. SHREEHARSHA MAHABALESHWAR HEGDE	4,500.00
609.	47S_BE_1948	EMPOWERING RURAL DAIRY FARMING: AUTOMATION FOR INDIAN CATTLE HERDERS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. MAMATHA G.	Mr. ADITYA T. RATHOD Ms. NEHA SUBRAHMANYA HEGDE Ms. NITYA N. HEGDE Ms. SINCHANA DIVAKAR GOUDAR	4,500.00
610.	47S_BE_2672	EUDA - EMOTION UNDERSTANDING AND DEVELOPMENT AI	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SUKRUTHA C. BASAPPA	Mr. AMAN KUMAR Ms. B. N. BHAVANA Ms. J. JYOTHSNA Ms. NAMRATHA PRAKASH	4,500.00
611.	47S_BE_4339	VIDTALK: EMPOWERING EFFORTLESS VIDEO ENGAGEMENT AND INFORMATION DISCOVERY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SAHANA V.	Mr. AL AQMAR DAMANA Ms. G. SANJANA REDDY Mr. KUMAR MAYANK Mr. NILESH TIWARI	4,500.00
612.	47S_BE_3921	BATTERY THERMAL MANAGEMENT SYSTEM IN ELECTRIC TWO-WHEELER	B.E.	MECHANICAL ENGINEERING	Dr. B. G. PRASHANTH	Mr. ADARSH R. Mr. NIKHIL GOWDA U. R. Mr. MANJUNATH B. Mr. SANJU S.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

613.	47S_BE_4496	AGRIBOT: IOT ENABLED MULTIFUNCTIONAL MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. GOWREESH SUBRAMANYA S. Dr. J. S. SRIKANTMURTHY	Ms. SURABHI R. Ms. GLORIA ELSA SAJAN	5,500.00
614.	47S_BE_4814	AUTOMATED OIL CONTROL SYSTEM IN OIL FURNACE	B.E.	MECHANICAL ENGINEERING	Dr. VENKATESHA B. N. Dr. SANTOSH KUMAR B. M.	Mr. NAVEENKUMAR S. GUMASTE Mr. ABHILASH H. B. Mr. PRAJWAL BHARADHWAJ H. V. Mr. S. PANIRAJAN	5,500.00

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#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	28-05-2024	NEFT Dr-P149240325299378-JSSATE BANGLORE-SBIN0041038	69,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273261DC	12,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 76. 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.)
615.	47S_MSC_0097	LEAD-FREE PEROVSKITE/POLYMER NANOCOMPOSITE AS TRIBOELECTRIC NANOGENERATOR	M.Sc	CHEMISTRY	Dr. B. S. MADHUKAR	Mr. KUSHAL M. GOWDA Ms. MANJUSHREE N. Ms. SIMRAN SAINAND REVANKAR	7,000.00
616.	47S_BE_4000	STUDY ON PROPERTIES OF CONCRETE FROM SUSTAINED ELEVATED TEMPERATURE USING DIFFERENT TYPES OF CONCRETE	B.E.	CIVIL ENGINEERING	MRS KAVYA.K.M	RUCHITHA C SPANDANA V MADHUSHRI G PURUSHOTTAMA V	4,500.00
617.	47S_BE_5319	STUDIES ON ZERO RUNOFF ZONE THROUGH ARTIFICIAL RECHARGE TECHNIQUES IN THE JSS TECHNICAL INSTITUTIONS CAMPUS	B.E.	CIVIL ENGINEERING	PROF. PRASAD PUJAR	DARSHAN C SRUJAN H PREETHAM M P HARSHITH J	3,500.00
618.	47S_MSC_0036	SECURITY CONVERSATION USING AI BOT FOR PHYSICALLY CHALLENGED PEOPLE	M.Sc	COMPUTER SCIENCE AND TECHNOLOGY	Dr. ANUSUYA M A Prof. SHRUTHI B. M.	Mr. ESHWAR URS S. Mr. SWAGATH D. A.	5,000.00
619.	47S_BE_2713	WATER PURIFICATION USING HIGH VOLTAGE PLASMA GENERATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SOWMYASHREE N.	Mr. CHETHAN D. Mr. VARSHAN C. R. Ms. SINDHU K. M. Ms. PRIYANKA M.	5,000.00
620.	47S_BE_1559	SELF STABILIZING SPOON AND HAND GESTURE BASED COMMUNICATION SYSTEM FOR PARKINSONS DISEASE PATIENTS.	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. NANDA S.	Ms. VINDYA K. Ms. VARUNI G. Ms. TEJASWINI N.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

621.	47S_BE_4594	TINY NOURISH: PRECISION AUTOMATED FOOD PACKING SYSTEM FOR PREMATURE INFANTS	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mrs. ANUSHA M. U. Dr. UMA RANI K.	Ms. BHAVANI R. Ms. LIKHITHA K. Mr. MOHAMMED FAWAZ	5,500.00
622.	47S_BE_4739	FALL DETECTION, GAIT AND TREMOR ANALYSIS USING INERTIAL MEASUREMENT UNIT	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. K. UMA RANI Mrs. ANUSHA M. U.	Ms. SINCHANA M. R. Mr. T. KOTRESH Mr. ROHIT G. PAWAR	5,500.00
623.	47S_MTech_0032	DEVELOPMENT AND CHARACTERIZATION OF SUSTAINABLE FOOD PACKAGING FILM BASED ON POLYVINYL ALCOHOL / K-CARRAGEENAN / KODO MILLET (PASPALUM SCORBICULATUM) HUSK	M.Tech	POLYMER SCIENCE AND TECHNOLOGY	Dr. A. B. HEMAVATHI	Ms. GOURI PATIL	5,500.00
624.	47S_MTech_0078	STUDIES ON ENVIRONMENTAL FRIENDLY NORMAL & HIGH STRENGTH CONCRETES BY USING FLY ASH & GGBFS THROUGH MACRO & MICRO CHARACTERIZATION	M.Tech	STRUCTURAL ENGINEERING	Dr. M. C. NATARAJA	Mr. NAVEEN HEGDE	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	15-05-2024	NEFT Dr-P136240322802659-PRINCIPAL SJCE PROJECT GRANT ACCOUNT-UBIN0578916	52,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 77. JAIN (DEEMED - TO - BE UNIVERSITY), SCHOOL OF SCIENCES, J.C ROAD, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
625.	47S_MSC_0065	DEVELOPMENT OF NANOADSORBENTS FROM AGRICULTURAL WASTE AND THEIR APPLICATION IN MITIGATION OF ORGANIC, INORGANIC POLLUTANTS FROM INDUSTRIAL EFFLUENTS	M.Sc	BIOCHEMISTRY	Dr. SOUMYA V. MENON	Mr. SUMANTH S. VASUDHA K. Ms. CHAQSHU TANDIN BIDHA Mr. ASHOK A.	7,000.00
626.	47S_MSC_0020	ISOLATION OF OIL FROM BRASSICA OLERACEA AND FORMULATION OF OIL PELLETS AS A DIETARY SUPPLEMENT FOR VEGANS	M.Sc	MICROBIOLOGY	Prof. G. PADMA PRIYA Prof. G. SUBBULAKSHMI	Ms. B. PRAGATHI Ms. SHERIN SWATHI JULIET CHRISTOPHER Ms. B. MALINI BABU	7,000.00
627.	47S_MSC_0248	BIOACTIVE GLASSES FOR BONE TISSUE ENGINEERING	M.Sc	PHYSICS	Dr. ASHA RAJIV Mr. CHETHAN M.	Mr. KAUSHIK H. KAMAT Mr. GAGAN K. T. Mr. PASUPULA MANOSH REDDY Mr. VISHWANATHA SHARMA M. S.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANSACTION DETAILS	AMOUNT
JAIN (DEEMED - TO - BE UNIVERSITY), SCHOOL OF SCIENCES, J.C ROAD, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	19,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 78. JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAABI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
628.	47S_BE_3882	TREATMENT OF WATER BY USING REACTOR OF NATURAL INGREDIENTS WITH APPLICATION OF IOT BASED SYSTEM	B.E.	CIVIL ENGINEERING	Prof. RAHUL R. BANNUR	Ms. SPURTI SANJAY RAJU Mr. MUSTAFID HONYAL Ms. ANKITA KANBARKAR Ms. BHAGYA J. DIGAMBARIMATH	5,000.00
629.	47S_BE_2948	DESIGN AND DEVELOPMENT OF A TOOL TO DETECT FAKE PROFILE ON FACEBOOK USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAGARGOUDA S. PATIL	Mr. DARSHAN AKKATANGERHAL Ms. AISHWARYA DADAMODE Ms. DHANASHRI TAKKEKAR Mr. AMOGH KALMANGI	4,500.00
630.	47S_BE_4322	RICE GRAIN DETECTION SYSTEM USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARATI PATIL	Ms. SANGEETHA ARAVIND BIRADAR Mr. OMKAR J. PATIL Mr. PRAVEEN V. BHANGI Ms. RAKSHITA K. MATHAD	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAABI	15-05-2024	NEFT Dr-P136240322802660-JAIN COLLEGE OF ENGINEERING AND RESEARCH-FDRL0001530	13,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

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

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
631.	47S_BE_2096	EXPERIMENTAL INVESTIGATION ON EFFECTIVENESS OF NANO PARTICLES IN SOLAR POWERED ELECTRO-COAGULATION TECHNOLOGY FOR THE TREATMENT OF SELECTED INDUSTRIAL EFFLUENTS SITUATED AROUND DHARWAD DISTRICT	B.E.	CIVIL ENGINEERING	PROF.SUNIL UMACHAGI NOT APPLICABLE	ANJANI ACHYUT JOSHI CHETAK BALAKRISHNA SHINGE PRERANA RAJU SONONE TEJASHWINI SURESH WADDAVET	5,500.00
632.	47S_BE_2731	DESIGN AND DEVELOPMENT OF RAPID SAND FILTER FOR THE CHARACTERIZATION AND TREATMENT OF RIVER KRISHNA	B.E.	CIVIL ENGINEERING	Prof. SHRUTI KUBYAL	Mr. ASHOK D. CHALAWADI Ms. DEEPA MAHANTESH BHAJANTRI Mr. AMANALI M. NADAF Ms. ANUSHA SHETTAR	5,000.00
633.	47S_BE_2103	AN OPTIMIZATION-BASED APPROACH FOR URBAN LOW EMISSION ZONES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. HARSHITHA C. K.	Ms. SHIVANI VINAY BELLAD Ms. SAHANA R. GHARABUDE Mr. SATHVIK C. SHETTY Mr. SHASHANK HIREMATH	5,000.00
634.	47S_BE_2114	A VOICE BACSED IMAGE CAPTION GENERATOR USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. TRUPTI THITE Mr. VENKATESH M E	Ms. VAJRESHWARI Ms. POOJA NAVALAGUNDA Ms. RENUKA Ms. TEJASVINI TEJAPPANAVAR	4,500.00
635.	47S_BE_2247	VIDYASPARSH: LEARNING MODEL FOR BLINDS USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RAKESH ARALIKATTI	Ms. PREETI JIGAJINNI Ms. AASHITA S. BENKI Ms. SANNIDHI G. SHETTI Ms. SAHANA V. ANGADI	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

636.	47S_BE_2517	CARDIAC PRESSURE TRACKER AN INNOVATIVE DEVICE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. AMRUTA NAVEEN	Ms. JYOTHI KANNAPPALAVAR Ms. RUTIKA KAMBLE Mr. SHARAN SHETTY Ms. SNEHA DASARADDI	5,000.00
637.	47S_BE_3214	SMART BRAILLE LEARNING ASSISTANT FOR BLIND CHILDREN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. TRUPTI THITE	Ms. NANDITA MAHESH AMMAKKANAVAR Mr. SUNIL R. MALLADAD Mr. VIRUPAKSHAGOUGA B. PATIL Mr. SHREYAS R. BELAMKAR	5,000.00
638.	47S_BE_3393	INTEGRATED SMART ROAD SAFETY SYSTEM WITH ADVANCED HUMP DETECTION AND WEATHER DATA INTEGRATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PADMA J. DANDIN	Ms. NIKHITA CHANDRASHEKHAR KUPPELUR Ms. DHARTI VIVEKANAND PAWAR Mr. AKASH ASHOK KURDEKAR MAHAMMEDSALEEM F. AGASAR	5,000.00
639.	47S_BE_3538	IOT EMBEDDED IGPS COLLUS NAVIGATOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SINDHU N. P. Prof. TRUPTI THITE	Ms. ANJALI UGARGOL Ms. MADHUMITA S. ROTTIMATH Ms. LAKSHMI V. SUNAGAR Ms. SWATI S. NAIK	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

640.	47S_BE_4681	LICENSE PLATE RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SINDHU N. P. Prof. TRUPTI THITE	Mr. PRAJWAL M. BADIGER Mr. RANJAN S. VERNEKAR Ms. PRANUSHA HEGDE Ms. PREETHI SHREE C.	4,500.00
641.	47S_BE_3376	BORDER SECURITY USING ESP32	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAVI BAGADE Prof. PRASANNA PATTANASHETTY	Mr. HARSHAD P. BULBULE Mr. AKASH S. DESAI Mr. AJIT GANDOLE Mr. RAJESAB M. BAVAKHANAVAR	5,000.00
642.	47S_BE_3717	GESTURE CONTROLLED ROBOTIC ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MAHESH HIREMATH	Ms. SPOORTI S. SHOLAPURI Ms. RASHMI HURAKADLI Ms. SAHANA BALLARY	5,500.00
643.	47S_BE_3416	DETERMINATION OF FRACTURE STRENGTH OF SPUR AND HELICAL GEAR USING STRAIN GAUGE TECHNIQUE	B.E.	MECHANICAL ENGINEERING	Prof. SATYANARAYANA A.	Mr. PAVANKUMAR SURENDRA KULKARNI Mr. UTTARKAR GNANESHWAR RAO Mr. HARSHAVARDHAN YADLAPUR	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

644.	47S_BE_3565	SLAM BASED ROS OPERATED AUTONOMOUS MOBILE ROBOT FOR INDOOR APPLICATION	B.E.	MECHANICAL ENGINEERING	Prof. PRABHUDEV MALLAPUR	Mr. HRISHIKESH P. PATIL Mr. NIHAL G. AMARAYYANMATH Mr. UPADHYAYA PRASANNA	5,500.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	28-05-2024	NEFT Dr-P149240325299381-PRINCIPAL JAINCOLLEGE OF ENGING AND TECHNO HUBLI- FDRL0001338	59,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273271DC	11,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 80. JAIN COLLEGE OF ENGINEERING, BELAGAIVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
645.	47S_BE_3104	MANUFACTURING OF BRICKS USING PLASTIC WASTE AND FOUNDRY SAND	B.E.	CIVIL ENGINEERING	DR. SANJEEV SANGAMI DR. SANJEEV SANGAMI	VAISHALI SHARADBHAI MUDHOLKAR SRIHARI PARSHURAM PATIL SUDARSHAN BHARAMU BIRADAR PATIL SATISH APPASAB BYALI	5,500.00
646.	47S_BE_3622	A STUDY ON ENHANCING OF CLAYEY SOIL STABILITY USING COCONUT COIR AND PLASTIC WASTE	B.E.	CIVIL ENGINEERING	PROF. VARSHA GOKAK	POOJA SANGAPPA BANI AKSHATA ASHOK MALLODI LAKSHMI N NALATWAD SANJU S PATTANASHETTI	4,000.00
647.	47S_BE_4324	SUSTAINABLE PAVER BLOCKS: INCORPORATING DEMOLISHED CONCRETE WASTE AND PLASTIC WASTE FOR ENHANCED PROPERTIES AND ENVIRONMENTAL BENEFITS	B.E.	CIVIL ENGINEERING	VARSHA GOKAK	OMKAR T HANCHINMANI ANIL KUMAR S.PATIL ANIL Y DEVALATTI SAGAR L TALAWAR	4,500.00
648.	47S_BE_4416	MANUFACTURING OF BRICKS USING QUARRY DUST WITH THERMOCOL BEADS	B.E.	CIVIL ENGINEERING	PROF. PRIYANKA SHINDE PROF. NARESH PATIL	SANTOSH R CHAVALAGI ANIKET S PATIL ANKITA P DEVKAR RUTIK P TUPPAT	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

649.	47S_MCA_0064	MOBILITY GUARD PLUS: ADVANCED IOT SMART WHEELCHAIR WITH REMOTE MONITORING AND FALL DETECTION	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Dr. POORNA CHANDRA S.	Mr. SHANKAR M. PUJARI Ms. LALITA R. NAIK Ms. LAXMI K. BHANDARI Mr. PRAVEEN MANDAGODLI	5,500.00
650.	47S_MCA_0067	TRANSIT FLOW IOT- DRIVEN SMART TRANSPORTATION SYSTEM FOR ENHANCED MOBILITY AND TRAFFIC MANAGEMENT	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. VINAYAK PATKI	Ms. KRUTHIKA L. PUROHIT Ms. SHWETA PATIL Ms. SHRILAXMI N. MELIKATTI Ms. VRINDA A. BHUTE	5,000.00
651.	47S_MCA_0069	SMART NIGHT WATCH: INTELLIGENT NIGHT PATROL ROBOT WITH REAL - TIME MOBILE ALERTS AND STREAMING SURVEILLANCE	M.C.A.	COMPUTER APPLICATIONS	Prof. MILIND RAO PAWAR Dr. PRAVEEN BANASODE	Ms. PREETI KOOT Ms. SHRADDHA GANI Ms. SHREYA BADANIKAI Ms. SUDHA BILAKI	5,500.00
652.	47S_MCA_0079	AQUASENCE:REAL-TIME WATER QUALITY MONITORING SYSTEM WITH ALERT NOTIFICATION	M.C.A.	COMPUTER APPLICATIONS	Prof. SONAL N. PATANGE Dr. PRAVEEN BANSODE	Ms. AISHWARYA N. HEBBALLI Mr. ABHINANDAN R. NAIK Mr. ADARSH B. NASHI Mr. RAHULSING V. RAJPUT	5,000.00
653.	47S_MCA_0094	IHOMEGUARD : SMART HOME AUTOMATION FOR MODERN LIVING	M.C.A.	COMPUTER APPLICATIONS	Dr. PRAVEEN BANASODE Prof. VINAYAK PATKI	Ms. SAMRUDDHI SANTOSH GOULI Ms. DIVYA D. RANE Ms. SHINY A. MASCARENHAS Ms. MONALISA M. MARX	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

654.	47S_BE_2199	OSTEOARTHRITIS CHECKUP SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUDHIR WAKUDE	Mr. MOUNESH VEERABHADRA BADIGER Ms. VAISHNAVI SUNIL PUNNURI Ms. PALLAVI B. BANAGAR Mr. PRATHAMESH MAHESH REDEKAR	4,500.00
655.	47S_BE_2298	IOT BASED SMART PROJECTOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SIDDHARTH BHATKANDE	Ms. KIRTHI SHANKAR KOTRASHETTI Mr. AKSHAY KANBUR Mr. AMAN HOSAKOTI Mr. PRATEEK KOMAR	5,000.00
656.	47S_BE_2340	JANASEVAKA (RAILWAY TRACK CRACK DETECTION SYSTEM)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. LAXMI BRUNGI	Mr. RAMANAGOUDA CHANDRAGOUDA PATIL Ms. CHANDRAJYOTI KHOT Mr. PRAJWAL KALASA Ms. KIRAN BASANAİK	4,500.00
657.	47S_BE_2172	VEHICLE IMPACT NOTIFICATION AND EMERGENCY CALLING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHIVANAND CHANNI	Mr. DARSHAN KARAV Mr. INDRAJEET DHARANGUTTE Ms. PRAGATI MAGADUM Mr. ABHIJEET PATANKAR	4,000.00
658.	47S_BE_2732	AI BASED VIRTUAL MOUSE USING PYTHON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHIVANAND B. HUGAR	Mr. KIRAN B. KARADI Mr. KIRAN M. PATIL Mr. AKSHAY K. MAGADUM Ms. DEVIKA A. KOCHERI	2,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

659.	47S_BE_2822	SMART FACE RECOGNITION ATTENDANCE SYSTEM USING RASPBERRY PI MODULE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHIVANAND CHANNI Prof. SHAHAK PATIL	Mr. RAKESH KUDACHI Mr. VINEETKUMAR GAWALI Ms. AKSHATA PADMANAVAR Ms. SINDHU PADANAD	5,500.00
660.	47S_BE_5126	AI POWERED SUSTAINABLE AGRICULTURE MANAGEMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PRAVEEN CHITTI Dr. SALMA S. SHAHAPUR	Mr. SOMESH KAMBLE Ms. SHIFA NASARDI Ms. RAKSHITA AMBEWADKAR Ms. SONAL BIRJE	5,000.00
661.	47S_BE_2005	DESIGN AND DEVELOPMENT OF REUSEABLE ECO-BAGS USING RICE STRAW	B.E.	MECHANICAL ENGINEERING	Prof. UTTAM KORUCHE	Mr. SHRINIVAS SHINDE Mr. ROHIT HAWAL	4,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	28-05-2024	NEFT Dr-P149240325299385-PRINCIPAL AND DIRECTOR JAIN COLLEGE-UBIN0915602	66,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273281DC	13,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 81. 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.)
662.	47S_MTech_0060	DEVELOPMENT OF SPIRULINA FORTIFIED ORANGE JUICE.	M.Tech	FOOD TECHNOLOGY	Dr. SUNDUS NIDA	Mr. AMIRUL ALAM CHOUDHURY	7,000.00
663.	47S_BE_4236	AGV WITH ARTICULATED ROBOTIC ARM	B.E.	MECHANICAL ENGINEERING	Dr. ASHUTOSH PATTANAIK	Mr. TAMMANA CHARAN GURU DAYAL Mr. AASHISH KUMAR MAHATO Mr. DIBASH BHANDARI Ms. VAMSI PEESAPATI	7,000.00
664.	47S_BE_4327	FOLDABLE SOLAR TRACKING AND CLEANING SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. ARUNKUMAR D. T.	Mr. KAPIL GYAWALI Mr. SHIKHAR SHARMA Mr. BIRJESH CHAUDHARY Mr. ARPAN SINGA RAJBANSHI	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
JAIN DEEMED TO BE UNIVERSITY FACULTY OF ENGINEERING AND TECHNOLOGY, RAMANAGARA	15-05-2024	NEFT Dr-P136240322802661-PRINCIPAL SRI BHAGAWAN JAIN COLLEGE OF ENGINEERING-SBIN0013388	21,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 82. 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.)
665.	47S_BE_3972	INVESTIGATION OF STRENGTH PARAMETER OF LIGHT WEIGHT CONCRETE BY REPLACING COARSE AGGREGATE WITH SINTERED FLY ASH AGGREGATES	B.E.	CIVIL ENGINEERING	Mr. RAGHU G. M.	Mr. RAGHU K. J. Mr. RAKESH R. Ms. SAHANA C. Ms. SINDHU T. N.	5,500.00
666.	47S_BE_4562	DEVELOPMENT OF INTERLOCKING BRICKS	B.E.	CIVIL ENGINEERING	Mr. RAMESHA M.	Mr. GANESH SHIVAJI SHELAKI Mr. BALAJI V. Mr. C. DORE BANAJAR Mr. KRISHANKUMAR S. RITTI	4,500.00
667.	47S_BE_4659	ANALYSIS OF GROUND WATER QUALITY IN AND AROUND SOLID WASTE DUMPING AREA	B.E.	CIVIL ENGINEERING	Dr. RAHUL PATIL Dr. RAMESH R. S.	Mr. R. SANDEEP Ms. P. SUMALATHA RANI Ms. PRATHIBA P. V. Mr. RAJU N.	5,000.00
668.	47S_BE_5257	RECYCLED BASSANITE FOR ENHANCING THE STABILITY OF POOR SUBGRADES CLAY SOIL IN ROAD CONSTRUCTION PROJECT	B.E.	CIVIL ENGINEERING	Mr. DARSHAN K. R.	Mr. SUHAS K. P. Mr. VAGEESH H. S. Ms. RAKSHITHA P. Ms. TEJASWINI T. KATTIMANI	4,500.00
669.	47S_BE_0339	AUTISM SUPERPOWER : AR AND AI TOOLS FOR EMPOWERING AUTISTIC INDIVIDUALS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRASHANTHA G. R.	Ms. KANURU SRI HAMSA SUDHA Ms. RANISAHANA T. Ms. SAKSHI S. J. Mr. ARADHYA P. B.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

670.	47S_BE_0407	EEG ANALYTICAL MODEL TO ESTIMATE LEARNER'S UNDERSTANDING LEVEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MOUNESHACHARI S. Mrs. MANJULA P.	Ms. RIDA R. MUJAHID Ms. POOJA G. P. Mr. HALASWAMY G. Mr. MOHAMED NADEEM	3,000.00
671.	47S_BE_1247	ESTIMATION OF NITROGEN CONTENT IN SOIL USING DIGITAL IMAGE PROCESSING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RANGASWAMY H.	Ms. BHUVANASHREE M. S. Ms. AMRUTHA N. RAJAWATH Ms. DIVYA N. B. Ms. NISARGA K. V.	3,500.00
672.	47S_BE_2099	CONTROLLING MOUSE POINTER USING EYE AND FACE GESTURE FOR QUADRIPLEGIC PATIENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SHAFIULLA SHARIFF Mr. SAMEER B.	Mr. SADIQ AHMED A. A. Ms. KRUTHI M. S. Ms. RAMYA S. KURDEKAR Mr. PRATIK P. M.	4,500.00
673.	47S_BE_2418	EVALUATION OF SUSTAINABLE MACHINE LEARNING MODELS AGAINST DATA POISONING ATTACK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. G. C. DIVYA Mr. RANGASWAMY H.	Mr. RAVI KIRAN M. T. Mr. SAGAR M. SANNAKKI Mr. KOUSHIK P. M.	4,000.00
674.	47S_BE_1294	OBJECT DETECTION FOR BLIND PERSON USING YOLO ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RAVIKUMAR K. I.	Mr. SAGAR M. G. Ms. VARSHA V. Ms. HALLI SANGEETHA Mr. SHIVALINGA SWAMY S. V.	5,000.00
675.	47S_BE_1355	VOICE ASSISTANT SIGN LANGUAGE DETECTION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. DEEPTHI G. B.	Mr. MALLIKARJUN M. Ms. PRATHIBHA M. H. Ms. SAHANA T. Mr. VARUN K.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

676.	47S_BE_3580	DESIGN AND DEVELOPMENT OF JACKFRUIT OPENER	B.E.	MECHANICAL ENGINEERING	Dr. RAMESH R. S. Mr. MANJUNATHA A. R.	Mr. AMITH S. H. Ms. ANUSHA R. Mr. GIRISH K. S. Mr. MANUSWAMY J. H.	5,500.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	28-05-2024	NEFT Dr-P149240325299388-PRINCIPAL JAIN INSTITUTE OF TECHNOLOGY-FDRL0002297	50,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273301DC	4,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 83. JAWAHARLAL NEHRU NATIONAL 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.)
677.	47S_BE_0765	EXPERIMENTAL STUDY ON CLASS-1 CLAY BRICKS MANUFACTURING BY USING VARIOUS INDUSTRIAL & AGRO WASTES	B.E.	CIVIL ENGINEERING	Dr. NEERAJ S. N.	Mr. SRINIDHI SHASTRY M. R. Mr. RAKESH H. N. Mr. NITHIN V.	5,000.00
678.	47S_BE_1473	LAKE CLEANING SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. AYESHA SIDDIQA	Ms. SUPRITHA PATIL M. L. Mr. MAHAMMED SAHEEL Mr. ARJUN C. M.	5,000.00
679.	47S_BE_5205	INTELLIGENT SYSTEM TO SECURE INFORMATION BASED ON INNOVATIVE GAMES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JALESH KUMAR	Ms. POOJA B. Ms. BHAVANA R. M. Ms. DHATHRI KRISHNA V. Ms. NISARGA S.	4,000.00
680.	47S_BE_4817	IOT BASED CONTROL AND PROTECTION OF BOREWELL MOTOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. THEJASWI A. H.	Ms. DRUVA S. DALAWAI Mr. SANTOSH U. Ms. AMBIKA K. Ms. PALLAVI R.	4,500.00
681.	47S_BE_2612	BRAIN CONTROLLED ROBOTIC CAR USING MIND WAVE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SHWETHA B.	Mr. YASHAVANTA V. HEDIYAL Mr. AEKANTH M. P. Ms. KOMALA N. Ms. SUMANTHA V.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

682.	47S_BE_3548	DATA TRANSMISSION USING LI-FI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. AJAY BETUR P.	Mr. CHETHAN S. P. Mr. ABHISHEK K. Mr. ABHISHEKA M. Mr. BHARATH S. R.	5,000.00
683.	47S_BE_3771	FAKE CURRENCY DETECTION AND RECOGNITION SYSTEM FOR VISUALLY CHALLENGED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ROOPA B. S.	Ms. SPOORTHI R. Ms. SHARANYA H. V. Ms. SHREYA H. C. Ms. SINDHU A. P.	5,000.00
684.	47S_BE_3852	ADAPTIVE VISUAL CRYPTOGRAPHY SCHEME DESIGN BASED ON QR CODES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. PRAMOD KUMAR	Ms. BHOOMIKA S. V. Ms. BHAVITHA A. Ms. BHUVANASHREE H. S. Ms. DEEPIKA C.	5,500.00
685.	47S_BE_4675	COMPUTATIONAL INTELLIGENCE BASED SMART NEST FOR INFANTS	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Mr. MADHUSUDHAN G.	Mr. SRINIVAS S. Mr. PRANAVA SWAROOPA K. S. Ms. SNEHA M. S. Ms. SHAMITA KAMAT	6,500.00
686.	47S_BE_2211	IOT-AI BASED SOLUTION FOR CHILD RESCUE IN BOREWELL THROUGH WIRELESS MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SAYED AFTAB AHAMED Dr. JYOTHI K.	Mr. SRINIVAS P. BODKE Mr. NIRANJANMURTHI H. R. Mr. MOHAMMED SAQIB NIHAL Ms. CHANDANA H. R.	5,000.00
687.	47S_BE_5457	CLASSIFICATION OF STUDENT COMMENTS FOR ENHANCING KNOWLEDGE DELIVERY SYSTEM USING DEEP LEARNING FRAMEWORK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. CHETHAN G. S.	Mr. SANKETH KASHYAP K. R. Mr. RAKSHITH K. M. Mr. SAAKETH S. HEGDE	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

688.	47S_MBA_0061	BATTERY OPERATED SEED SOWING MACHINE	MBA	MBA	Dr. VIKRAMA D. K. Dr. SANTHOSHA	Ms. SANJANA R. Ms. RAKSHA M. Mr. ADITYA N. M.	5,000.00
689.	47S_BE_4447	DESIGN AND DEVELOPMENT OF ULTRASONIC VIBRATING GLOVE FOR BLIND	B.E.	MECHANICAL ENGINEERING	Dr. PRADEEP N. B. Prof. PARAMESHWARA S.	Ms. SHREESHA K. R. Mr. BRIJESH G. Mr. SUMUKH K. S. Mr. SUMAN D.	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	39,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273311DC	27,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 84. 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.)
690.	47S_BE_3896	A MULTILINGUAL MODEL FOR TEXT GENERATION OF VISUALS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	PROF.RAMYA B. N. Dr. MADHU B. R.	Ms. GREESHMA P. M. Ms. BANUSHREE T. Ms. PALLAVI K. G. Ms. PRANITHA T. MANUR	5,500.00
691.	47S_BE_4142	DATA WIZARD	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. MADHU B. R. Mrs. RAMYA B. N.	Ms. NEETHU C. V. Ms. KRUTHIKA K. S. Ms. RAKSHA Ms. SHARANYA NARESH	3,000.00
692.	47S_BE_4526	RETINAL IMAGE ANALYSIS FOR CARDIOVASCULAR RISK PREDICTION: A DEEP LEARNING PERSPECTIVE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. MANJUNATH H. R. Dr. MADHU B. R.	Ms. POOJA S. Mr. RATHAN GOWDA G. P. Mr. PRASANNA KUMAR K. Ms. M. SHALINI	5,000.00
693.	47S_BE_4576	PRICE PROBE: YOUR ULTIMATE COMPANION FOR UNRAVELING THE BEST DEALS ACROSS E-COMMERCE PLATFORMS USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. ARCHANA V. R. Dr. MADHU B. R.	Ms. VAIBHAVI B. RAJ Ms. A. S. SUSHMITHA URS Mr. ABHISHEK KUMAR PANDEY Ms. JAGRUTHI G.	5,000.00
694.	47S_BE_5109	PNEUMONIA DETECTION IN CHEST X-RAYS USING A MODEL : VIT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. SOUMYA K. N.	Mr. KOUSHIK Mr. MADHU H. S. Ms. PAVITHRA KUMAR D. Mr. SRISHAN S.	4,000.00
695.	47S_BE_2607	DESIGN AND DEVELOPMENT OF ALKALI ACTIVATED HYBRID SUSTAINABLE GEOPOLYMERIC BLOCKS	B.E.	CIVIL ENGINEERING	Dr. SREEKESHAVA K. S. Prof. RAGHU PRASAD B. K.	Ms. DEEPA DHARSHANI T. Ms. CHAITANYA B. Mr. DARSHAN G. Mr. SUMANTH V.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

696.	47S_BE_0237	RESUME ANALYSER FOR APPLICANTS AND RECRUITERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANNIE SUJITH	Ms. NEEHARIKA G. Ms. AISIRI P. Ms. CHANDAN S. Mr. DARSHAN V. J.	4,000.00
697.	47S_BE_1072	BREED CLASSIFICATION OF DOGS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SWATHI K.	Mr. VARUN KUMAR D. Ms. VARSHA S. Mr. VISHNU PRASAD PAI Mr. SAI GOWRAV P.	5,000.00
698.	47S_BE_2545	URBAN ALERT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. BASAVESH D.	Mr. SHARATH KUMAR U. S. Mr. TARUN T. R. Mr. SHARATH K. B. Mr. RAKSHITH GOWDA N.	5,000.00
699.	47S_BE_4321	THREE WAY EMOTION DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SRINIDHI KULKARNI	Ms. SANJANA A HIREMATH Mr. PUNITH S. Y. Mr. SANJAY H. P. Mr. GNANESH C. S.	4,000.00
700.	47S_BE_4833	DOCTOR'S PRESCRIPTION RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MADHUSUDHANA G. K.	Ms. SAHANA V. SOMANI Ms. RAKSHITHA M. PRABBHU Ms. RAKSHITHA KASHYAP Mr. ROSHAN KASHYAP	4,000.00
701.	47S_BE_5460	DATA DRIVEN TRADING STRATEGY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHIDANANDA MURTHY P.	Ms. SANJANA S. DAIVAGNA Ms. NISHITHA D. Ms. PRAGNYA V. PRASAD Ms. RIONA LOBO	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

702.	47S_BE_2663	SECURE STEP: ADVANCED HOME SECURITY WITH DOOR MAT SENSORS USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SRILAKSHMI R. Dr. SREEKESHAVA K. S.	Mr. SRINIVAS T. Ms. CHANDANA K. S. Mr. HARIKISHAN K. Mr. SUDEEP K. S.	5,000.00
703.	47S_BE_3066	DESIGN DEVELOPMENT AND CALIBRATION OF PULSE RYTHMIC DIALATION USING FIBER BRAGG GRATING FOR PATIENT CARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. CHETHANA K.	Ms. M. B. CHAITANYA Ms. ANUSHA M. KUDUR Ms. SUSHEELA B. P.	5,000.00
704.	47S_BE_3906	SMART JACKET FOR BAD POSTURE DETECTION AND ALERT WITH IMAGE ANALYSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SMITA AGRAWAL	Mr. SHREESHA S. Ms. RAKSHITHA V. Mr. HEMANTH S. Ms. PUNYASHREE B. M.	5,000.00
705.	47S_BE_4371	IOT BASED INTRAVENOUS FLUID MONITORING AND ALERTING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. CHETHANA K.	Ms. TANISHAA SASTRY Ms. SONIKA M. Mr. YASHWANATH B. R.	4,500.00
706.	47S_BE_4762	LUNG CAPACITY AND HEALTH ANALYZER USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SUMANGALA GEJJE	Mr. DARSHAN P. Mr. MANOJ K. B. Mr. TEJAS B. Mr. SHREYAS S. N.	4,500.00
707.	47S_BE_0652	REDEFINING MOBILITY: DEEP LEARNING ASSISTED OBSTACLE DETECTION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ANUPAMA V. P.	Mr. HARSHA S. Mr. NISHAN N. Mr. SRIRAM B. S. Mr. SWAROOP B. N.	5,000.00
708.	47S_BE_1020	BEACH SAND ROVER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. AVINASH N. RAO	Mr. UJWAL S. C. Mr. DEEPAK R. P Mr. RAKSHITH TARUN S. Mr. MITHUN R.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

709.	47S_BE_2851	REAL-TIME MULTI-GASES DETECTION AND ALERT SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. AVINASH N. RAO	Ms. SHALINI H. Ms. NIREEKSHA N.	4,000.00
710.	47S_BE_3184	DESIGN AND DEVELOPMENT OF 3D PRINTABLE FILAMENT USING PLASTIC WASTE	B.E.	MECHANICAL ENGINEERING	Dr. RAGHAVENDRA KRISHNA	Mr. KUSHAL JAMADAGNI Mr. SUHAS C. Mr. VARUN S. Mr. YAJUVENDRA R.	7,000.00
711.	47S_MTech_0042	STUDIES ON SUSTAINABLE GEOPOLYMER PAVER BLOCKS WITH COALMINE OVERBURDEN AS A REPLACEMENT TO FINE AGGREGATES	M.Tech	STRUCTURAL ENGINEERING	Dr. SREEKESHAVA K. S. Dr. NARENDRA REDDY	Mr. ARUN K. S.	7,000.00
712.	47S_MTech_0045	STUDIES ON THE RESPONSE OF GEO-POLYMER BLOCK MASONRY ASSEMBLAGES SUBJECTED TO INPLANE SHEAR	M.Tech	STRUCTURAL ENGINEERING	Dr. SREEKESHAVA K. S. Mrs. BHARGAVI C.	Mr. PRAVEENA	6,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299391-JYOTHY INSTITUTE OF TECHNOLOGY-IOBA0002634	1,04,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273291DC	9,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 85. K.E. S'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.)
713.	47S_MBA_0079	A STUDY ON LUBRICANT SUPPLY CHAIN NETWORK MANAGEMENT OF AN AUTOMOTIVE LUBRICATING OIL IN SELECTED DISTRICT AREA	MBA	MBA	Dr. VEERANNA D. K.	Mr. KIRAN G. MUDAKANAYKAR Ms. SWATI KOTUR Mr. BEGARI SHAKAR Mr. VISHALSINGH KOTNOOR	3,500.00
714.	47S_MBA_0118	OVERCOMING MARKET BARRIERS: PROMOTING ELECTRIC VEHICLE ADOPTION IN RURAL AREAS OF DHARWAD DISTRICT	MBA	MBA	Dr. MANJUNATH BALEHOSUR	Mr. CHARAN V. HUNASIKATTI Ms. VAISHNAVI L. TOPANNAVAR Mr. HOLABASAYYA P. HIREMATH Ms. VIDYA C. HONNATTI	4,000.00
715.	47S_MBA_0127	A STUDY ON CONSUMER SATISFACTION AND PROMOTIONAL STRATEGY IN RETAIL INDUSTRY	MBA	MBA	Prof. PREETI B. GOUDAR	Mr. FAIZAN RAZA GIRNI Mr. NISAR AHMED SHAITHSANADI Mr. VISHAL P. KOLE Mr. AMNANRAZA MULLA	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.E.S's INSTITUTE OF EXCELLENCE IN MANAGEMENT SCIENCE, HUBBALLI	15-05-2024	NEFT Dr-P136240322802662-INSTITUTE OF EXCELLENCE IN MANAGEMENT SCIENCE-BARB0VJTARH	11,000



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 86. K.L.E SOCIETY'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
716.	47S_BE_1261	EFFECTS OF INDUSTRIAL WASTEWATER ON THE PROPERTIES OF HVFA CONCRETE	B.E.	CIVIL ENGINEERING	Dr. AMAR R. CHOUGULE	Ms. LAXMI S. JADHAV Mr. NIKET R. PATIL Mr. PREMANAND L. MUTTATI Mr. SHRIDHAR SHELAR	4,000.00
717.	47S_BE_1656	STRENGTH ANALYSIS OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT WITH CORN COB ASH AND RICE HUSK ASH	B.E.	CIVIL ENGINEERING	Prof. SUSHILKUMAR BHAGATE	Mr. PAVAN DHAGE Mr. AKASH DHAGE Mr. ADARSH NIRVANI Ms. SOUMYA BASAVAGOL	4,500.00
718.	47S_BE_1787	MANUFACTURING OF BRICKS BY USING LATERITE STONE POWDER	B.E.	CIVIL ENGINEERING	Prof. VINAY MANAGULE	Mr. CHETAN HALAKI Mr. PRAVEEN B. WAGHAMARE Ms. SUMEDHA SADASHIV Ms. VANISHREE NAIK	4,500.00
719.	47S_BE_1082	SMART VOTING SYSTEM THROUGH FACIAL RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUNIL B. HEBBALE	Ms. ANUSHA GULAGOND Ms. AISHWARYA LAXMAN BADIGER Mr. ARUN ASHOK BATAKURKI Ms. BHAVANA MURAGESH WALI	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

720.	47S_BE_1182	OBJECT DETECTION AND VIDEO ANALYZER FOR VISUALLY IMPAIRED PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VINOD BIRADAR	Ms. POOJA C. KOTIWALE Ms. MEGHA R. BADIGER Ms. ARATI N. JADHAV Ms. AKANKSHA B. KOKANE	4,000.00
721.	47S_BE_1243	AIR GESTURE BASED MOBILE OPERATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VINOD BIRADAR	Ms. PUSHPA S. GANIGER Ms. PRIYANKA A. BORGALLE Ms. PRIYADARSHINI R. BELLARI Ms. NIVEDITA MAGADUM	5,000.00
722.	47S_BE_1393	AUTOMATING PDF INTERACTION USING LANGCHAIN AND CHATGPT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA B. HOSAGOUDRA	Mr. RUSHIKESH JOSHI Mr. SHARANBASU KALBURGI Mr. SARTHAK TAVADARE Mr. NITIN PATIL	4,500.00
723.	47S_BE_1666	LANGUAGE TRANSLATION WITH CULTURAL SENSITIVITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHANTESH R. LADDI Prof. VINOD BIRADAR	Mr. SHANKAR PATIL Mr. KIRAN VIJAPURE Mr. ROHAN PAYAMALLE Mr. SHUBHAM MAGADUM	3,500.00
724.	47S_BE_1704	PHONE FREEDOM REMOTE CONNECTIVITY WITHOUT INTERNET BOUNDARIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI PHARALAD	Mr. SUMIT R. CHONCHANNAVAR Mr. VINAYAK KHOT Ms. SHRUSHTI SADALAGI Mr. SAHIL RAUT	4,000.00
725.	47S_BE_2282	DETECTION OF FAKE ONLINE REVIEWS USING SEMI-SUPERVISED AND SUPERVISED LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRAJWALA R. PATIL	Ms. ASAVARI D. MADHALE Ms. MRUNALI M. PATIL Ms. PRANJALI V. BHOPALE Ms. NIKITA S. INGALE	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

726.	47S_BE_1674	DESIGN AND DEVELOPMENT OF 3-DIMENSIONAL DIGITAL INSTRUMENT FOR ANALYZING INTERVERTEBRAL RANGE OF MOTION IN SPINAL CORD	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SANJAY PUJARI	Ms. SMITA MAHAVEER VAIGUDE Ms. BHAVANI CHANDRASHEKHAR BAHADDURI Ms. TEJASHWINI SUBHASH SAMBHAJI Ms. ANNAPURNA SANJAY CHAVAN	5,000.00
727.	47S_BE_2187	DESIGNING A DIGITAL INSTRUMENT FOR LIMB LENGTH AND GIRTH MEASUREMENT IN HEALTHCARE AND ARM REHABILITATION FOR PHYSIOTHERAPIST	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SANJAY PUJARI	Ms. SHRADDHA ABHAY SANGALE Ms. AISHWARYA M. SHETTI Mr. SHIVAYOGI AMATE Mr. ANIRUDDHA PATIL	4,000.00
728.	47S_BE_2593	FUTURISTIC ANIMAL HEALTH SURVEILLANCE AND TRACKING SYSTEM WITH IOT INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRASHANT HEBBALE	Mr. ROHAN SHIRAGOANKAR Mr. ADITYA ROKHADE Mr. OMKARESHWAR NAIK Mr. SHIVANAND AMMANAGI	5,000.00
729.	47S_BE_3636	A NEXT GEN PERSONALIZED SMART PARKING SOLUTION FOR RESIDENTIAL BUILDING	B.E.	MECHANICAL ENGINEERING	Prof. MAHESH R. LATTE	Mr. GANESH UMARANE Mr. MUHAMMAD GAZALI MULLA Mr. BASAVARAJ MAYANNAVAR	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

730.	47S_BE_5206	EXPERIMENTAL STUDY ON CHARACTERISATION AND THERMOPHYSICAL PROPERTIES OF HYBRID NANOFLIDS	B.E.	MECHANICAL ENGINEERING	Prof. KUMAR CHOUGALA	Mr. MAHALING DALAL Mr. KISHOR MARADI Mr. VITTAL PAMALADINNI Mr. AKSHAY PATIL	5,500.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E SOCIETY's K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKODI	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	68,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 87. K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
731.	47S_BE_4228	EFFICIENT COMPOSTING SOLUTIONS: ACCELERATING FOOD WASTE DECOMPOSITION WITH MICROBIAL INOCULUM	B.E.	CIVIL ENGINEERING	Dr. PRAVEEN A. GHORPADE Dr. NAYANA P. HOOLIKANTIMATH	Mr. SAURAV VISHWAKARMA Mr. SAGAR SHANKAR MALADINNI Mr. PRADEEP M. HEGARADDI Mr. SUDEEP PATIL	5,500.00
732.	47S_BE_5230	FROM BYPRODUCT TO BUILDING MATERIAL-REDEFINING CLAY BRICKS WITH BAYER'S REDMUD USING SUSTAINABLE APPROACH	B.E.	CIVIL ENGINEERING	Dr. NAYANA P. HOOLIKANTIMATH Dr. PRAVEEN A. GHORPADE	Ms. AYISHA DAVALASAB MARTUR Ms. KAVYA KHADAKABHAVI Ms. AISHWARYA YATTALADADDI Mr. PRAVEEN S. NAIK	4,500.00
733.	47S_BE_1420	DETECTION OF DEFECTS IN MACHINES USING AR ON ENGINEERING DRAWINGS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANISHA TAPALE	Ms. AYESHA MULLA Ms. SHILPA PATIL Ms. CHAITRA MANJUNATH GUNAGA Mr. M. SUMIT NAYAK	4,000.00
734.	47S_BE_2899	BATTERY MANAGEMENT SYSTEM PERFORMANCE EVALUATION THROUGH DATA-DRIVEN, DIGITAL TWIN POWERED DEEP LEARNING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SANTOSH PATTAR	Ms. NAVYASHREE T. M. Mr. SACHIN RATHOD Ms. SAHANA GUDDAKAYU Mr. PRAJWAL PATIL	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

735.	47S_BE_3351	AVATAR GENERATION IN METAVERSE USING SENTIMENTAL ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PREMA AKKASALIGAR	Ms. ARPITA CHIRALADINNI Mr. ADITYA POWAR Mr. PRANAV MURALIDHAR Mr. SAHIL PAWALE	4,000.00
736.	47S_BE_5270	DESIGN OF MULTIPHASE INVERTER FOR MULTIPHASE INDUCTION MOTOR USED FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RAKESH HALLIGUDI	Mr. ROHIT KAGE Ms. ANANYA JOSHI Ms. SAVITA BANAHATTI Mr. RAVINDRA SAVADI	4,500.00
737.	47S_BE_2854	MULTIMODAL AUTHENTICATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ARUN S. TIGADI	Ms. NANDINI KALAL Mr. MAHAVEER RAJPUROHIT Ms. ANITA BENNI Mr. SHRINIVAS GAVADE	5,000.00
738.	47S_BE_3070	DETECTION OF ARTERY, NERVES, MUSCLES AND BONES FROM RADIOLOGY IMAGES OF SKIN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SWATI M.	Mr. ADITYA KULKARNI Mr. AMAR PATIL Ms. SHREYA CHOUGULE Ms. ANUSHA POOJAR	3,500.00
739.	47S_MTech_0073	TRANSFORMING INDUSTRIAL WASTE INTO SUSTAINABLE CLADDING BRICKS: A GREENER APPROACH TO CONSTRUCTION	M.Tech	ENVIRONMENTAL ENGINEERING	Dr. PRAVEEN GHORPADE Dr. NAYANA P. H.	Ms. NEHA A. NAIK	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

740.	47S_MBA_0146	REVOLUTIONIZING STOCK CONTROL FOR LOCAL BUSINESSES IN INDIA	MBA	MBA	Dr. PRAYAG GOKHALE	Ms. VAISHNAVI KURLAPKAR Ms. DEEPALI VIRUPAXI Ms. JANVI BHADRA Ms. SANA SAYYAD	4,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAV	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	45,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 88. 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.)
741.	47S_BE_5110	COMPARATIVE STUDY OF EFFECT OF CHEMICAL FERTILIZER AND BIO FERTILIZER IN HYDROPHONIC USING BORE WATER	B.E.	CIVIL ENGINEERING	Prof. SANDESH HUGGI Dr. RAJASHEKHAR LADDIMATH	Mr. VIJAYANAND N. L. Ms. KSHAMA S. A. Ms. KAVYA A. B. Mr. JAGADISHAYYA K.	5,500.00
742.	47S_MCA_0074	JARVIS VOICE ASSISTANT FOR ACADEMICS USING NLP	M.C.A.	COMPUTER APPLICATIONS	Mrs. LAXMI PUJARI	Mr. ADARSH KALMESHVAR KAMMAR Mr. VISHALU S. KUDLEPPANAVAR Ms. SUMAN J. HEGDE Mr. ARUN MOPAGAR/ Ms. SRUSHTI DODAWAD	5,000.00
743.	47S_MCA_0096	VEGETATION CLASSIFICATION ALERTS FOR DRIVER/DRIVERLESS MOTORING	M.C.A.	COMPUTER APPLICATIONS	Mrs. ANUPAMA NANDEPPANAVAR	Ms. NEHA HONNALLI Mr. MALLIKARJUN N. K. Ms. SINDHU A. Ms. SNEHAL HANGAL	5,500.00
744.	47S_BE_4017	E-Fy : A TECHTAINMENT BOOK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRADEEP SURASURA	Ms. PRANJALI S. PATIL Ms. SANJANA R. DESHPANDE Ms. SANJANA S. KADAPATTI Mr. SUMANT S. NIDONI	4,500.00
745.	47S_BE_4155	VEHICLE TOLL MONITORING SYSTEM USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAJESH YAKKUNDIMATH	Mr. SAGAR BAGALKOTI Mr. PRADEEP TUMBINAVAR Ms. RAMYA KULKARNI Ms. ADITI KULKARNI	5,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

746.	47S_BE_4678	OVARIAN CANCER OUTLIER DETECTION AND SUBTYPE CLASSIFICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GIRISH SAUNSHI	Ms. SUNIDHI PATANGE Mr. SACHETAN HERALAGI Mr. VISHAL VENKATESH SORTUR Ms. SEJAL PORE	4,500.00
747.	47S_BE_5472	ESTIMATION OF YELLOW RUST SEVERITY IN WHEAT USING MACHINE LEARNING MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MALATHI S. Y.	Ms. ASHWINI RAWAL Mr. NAGARAJ RAIKAR Ms. NIKITA C. BADAMI Ms. VANISHREE REVANSIDDAYYA HIREMATH	5,000.00
748.	47S_BE_4534	AUTONOMOUS LEGO LINE FOLLOWING ELECTRIC VEHICLE (EV) WITH SELF CHARGING TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. PRAKASH KERUR	Mr. SANKALP R. ANGADI MR. RAVI BADAWADAGI MR. SHASHANK S. HIREMATH MR. D. SAIKARTHIK	6,500.00
749.	47S_BE_4875	MULTI-INPUT DC-DC CONVERTER FOR HYBRID ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. KEERTHI KUMAR S. H.	Mr. VISHAL KARIGAR Mr. SHIVARAJ GUGRI Mr. VARUN TALWAR	5,500.00
750.	47S_BE_5233	VEHICLE EMISSION MONITORING, DETECTING AND TRACKING USING GPS & GSM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr.PRAKASH KERUR Dr. PRAKASH KERUR	Mr. ATHAR PARVEZ MADAKI Mr. SAI PRASAD ACHARYA Mr. SALEEMAHAMAD NAGANOR Mr. SAYED ASEEL ATHAR KAZI	6,500.00
751.	47S_BE_5369	DESIGN AND IMPLEMENTATION OF SPEED CONTROL SYSTEM FOR ELECTRIC BIKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. VINODA S	Mr. APPASABGOUDA S. B. Mr. ANANDGOUDA N. Ms. JAGADESHWARI J. Ms. ANUSHA K.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

752.	47S_BE_5271	IOT BASED FIRE DETECTION SYSTEM IN INDUSTRIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. PRAMOD V. RAMPUR	Ms. HANSHIKAA S. UNAKAL Mr. ATEEKAHMAD ABDULGAFAR BAGABAN Ms. AFEEFA KHADRI Mr. KISHOR S. ANANTPUR	5,000.00
753.	47S_BE_5291	IOT BASED LIVESTOCK MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MADHU GUDGUNTI	Mr. VISHWA KATTIMATH Mr. UDAYGOUDA HIREGOUDAR Mr. VINAY P. DAMBAL Mr. VARUN D. NAIK	5,000.00
754.	47S_BE_2799	DESIGN AND DEVELOPMENT OF COLLAPSIBLE PUBLIC TRANSPORT RAMP	B.E.	MECHANICAL ENGINEERING	Dr. SHARANABASAPPA C. SAJJAN	Mr. ANURAG P. PATIL Mr. AKSHAY S. KULKARNI Mr. ABHISHEK B. DHONGADI Mr. HANAMANTHGOUDA PATIL	7,000.00
755.	47S_BE_3951	DESIGN AND FABRICATION OF WATER HYACINTH REMOVAL MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. SHARANABASAPPA C. SAJJAN	Mr. SAYED AWAIZ NASWALE Mr. KEVIN NORONHA Mr. FARHAN KHURESHI Mr. AFTAB ADHONI	8,500.00
756.	47S_BE_4042	DEVELOPMENT AND PERFORMANCE STUDY OF ALUMINIUM AIR BATTERY	B.E.	MECHANICAL ENGINEERING	Mr. SUCHEET GOGERI Mr. MANJUNATH G. PRASAD	Mr. SAMMED C. HUDDAR Mr. AYUSH M. KUDAVAKKALAGI Mr. SHIVAKUMAR G. HUKKERIMATH Mr. VIJAY RAMAPPA LAMANI	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

757.	47S_BE_4489	DESIGN AND FABRICATION OF DOSA MAKING MACHINE	B.E.	MECHANICAL ENGINEERING	Dr. ANAND S. REDDY	Mr. NAVEEN AMARAVATI Mr. SHRIDHAR BASAPPA HALAVAGALI Mr. MD MUHIB ATTAR Mr. NIKHIL K. H.	8,500.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	21-05-2024	FUNDS TRANSFER DEBIT - PRINCIPAL KLE INSTITUTE OF TECHNOLOGY	1,00,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 89. K.L.E. SOCIETY'S BASAVAPRABHU KORE ARTS SCIENCE AND COMMERCE COLLEGE, CHIKODI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
758.	47S_MSC_0033	FUNCTIONALIZED MAGNETIC NANO PARTICLES - PLANT GROWTH PROMOTER AND FERTILIZER	M.Sc	BOTANY	Dr. SHIDALING MATTEPPANAVAR Dr. SUNIL M. PATIL	Ms. VANITA BALIKAYI Ms. BISMILLA KALADAGI	6,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E. SOCIETY'S BASAVAPRABHU KORE ARTS SCIENCE AND COMMERCE COLLEGE, CHIKODI	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	6,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 90. K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE RAJAJINAGAR, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
759.	47S_MCA_0089	ENHANCING MULTILINGUAL ACCESSIBILITY ON YOUTUBE: A REGIONAL LANGUAGE TRANSLATION APPROACH	M.C.A.	COMPUTER APPLICATIONS	Mrs. ROOPA H. R. Mrs. MADALAMBIKA K. C.	Mr. PRASHANTH S. Mr. NIKHIL NARAYAN NAIK	5,500.00
760.	47S_MCA_0097	BRIDGECONNECT: FOSTERING STUDENT-INDUSTRY COLLABORATION	M.C.A.	COMPUTER APPLICATIONS	Mrs. PRABHA B. V. Mr. PRADEEP B	Mr. RITESH SHETTIGAR Ms. CHANDANA M. Ms. ASHA G. V. Mr. SHIVABASAV RAJASHEKHAR HIREMATH	5,000.00
761.	47S_MSC_0150	VIRTUAL LEARNING ASSISTANT - ENHANCING EDUCATIONAL EXPERIENCES WITH NLP CHATBOT TECHNOLOGY	M.Sc	COMPUTER SCIENCE	Mrs.O. R. ARUNA Mrs. NETRAVATHI KURI L.	Ms. RASHMI H. N. Ms. SHARANYA J. Ms. BHAGYASHREE G. Ms. NITHYASHREE N.	5,000.00
762.	47S_MSC_0107	DESIGN, SYNTHESIS, SPECTRAL ANALYSIS AND PHARMACOLOGY OF NOVEL 1,3,4-OXADIAZOLES: ANTIPROLIFERATIVE ACTIVITY, MOLECULAR DOCKING AND DNA BINDING STUDIES	M.Sc	ORGANIC CHEMISTRY	Dr. TEJA H. B. Dr. S.M. BASAVARAJAIAH	Ms. PAVITHRA A. Ms. SUNITHA S. K. Ms. ANUSHREE A. Ms. KEERTHANA B. R.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E. SOCIETY'S S. NIJALINGAPPA COLLEGE RAJAJINAGAR, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	22,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 91. 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.)
763.	47S_BE_3099	SYNTHESIS OF DELAFOSSITE FOR REMOVAL OF PHOSPHATE	B.E.	CIVIL ENGINEERING	Prof. NAGALAKSHMI KULKARNI	Ms. SRISHTI PATTANSHETTI Ms. DEEPA SANJEEVA HOTTEPPANAVAR Mr. MANJUNATH GUNDAPPA SAWAKAR Ms. ASHWINI MECHENNAVAR	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.E. SOCIETY's S. NIJALINGAPPA COLLEGE RAJAJINAGAR, BENGALURU	15-05-2024	FUNDS TRANSFER DEBIT - REGISTRAR KLE TECHNOLOGICAL UNIVERSITY	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 92. K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
764.	47S_BE_1014	MECHANICAL AND WEAR BEHAVIOUR OF SILICON NITRIDE FILERS AND NATURAL FIBERS REINFORCED EPOXY L-12 POLYMER COMPOSITES FOR AIR INTAKE LIP OF AN UN MANNED ARIEL VEHICLE	B.E.	AERONAUTICAL ENGINEERING	Prof. ISHWARAGOWDA V. PATIL Dr. MADEVA NAGARAL	Ms. RADHIKA A. VAJRAMATTI Ms. SOUJANYA JANGLE Ms. ASUSHA AROLKAR	5,500.00
765.	47S_BE_0694	INNOVATIVE APPROACH TO INDUSTRIAL WASTEWATER TREATMENT: HARNESSING SUSPENDED GROWTH SYSTEM	B.E.	CIVIL ENGINEERING	Prof. NITIN DESHPANDE	Ms. RAKSHITA DODAMANI Ms. VADIRAJ DESHPANDE Ms. PRATIBHA BIRADI Mr. MAHESH KUMAR	4,000.00
766.	47S_BE_0948	DURABILITY STUDIES ON CONCRETE WITH BAGASSE ASH AS AN ALTERNATIVE MATERIAL FOR CEMENT	B.E.	CIVIL ENGINEERING	Prof. KARTIK KULKARNI	Mr. AKASH AGASAR Mr. VARUN MALAKANNAVAR Ms. DANESHWARI SHIRAGANNAVAR Mr. PRASANNA HEBBALKAR	5,000.00
767.	47S_BE_0986	EFFECT OF POLLUTANTS ON CONSOLIDATION CHARACTERISTICS OF SOIL	B.E.	CIVIL ENGINEERING	Dr. VIKAS GINGINE	Mr. MANIKANTHA M. ALAWANI Mr. AKKHILESH YALLAPPA BELGAONKAR Mr. KEDAR ADINATH LATUKAR Mr. IRANNA KAMASHETTI	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

768.	47S_BE_3109	DETECTION OF RECKLESS DRIVING AND ONCOMING TRAFFIC, ALONG WITH A WARNING SYSTEM IN GHAT HAIRPINS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KULDEEP SAMBREKAR	Mr. ROHAN S. SHINDE Mr. SAMYAK HANAMGOND Mr. OMKAR UMADI Mr. ATHARV KARCHI	4,500.00
769.	47S_BE_1192	ENVIRONMENT CONCIIOUS REVERSE VENDING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SANTOSH KULKARNI	Mr. SHREESHAIL Mr. PRASAD BADIGER Mr. YASH LOHAR Mr. SHIVANAND NAGANURI	5,500.00
770.	47S_BE_1533	COMPUTER VISION BASED HELMET TRAFFIC VIOLATION, DETECTION AND PERSON IDENTIFICATION IN SMART CITIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. UTTAM DESHPANDE Prof. VAIDEHI DESHPANDE	Mr. SUPREET GOUDAR Ms. SHREYA INGALE Mr. VARUN TANDUR Ms. VAISHNAVI CHARANTIMATH	5,500.00
771.	47S_BE_2536	IOT BASED WATER QUALITY MONITORING SYSTEM AND ARSENIC DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANUPAMA AWATI Dr. RAVIRAJ M. KULKARNI	Mr. ASHIRWAD GURAV Mr. ADHIRAJ M. ALATAGE Mr. ATHARVA NATHBUVA Mr. DHYANESHWAR MANDOLKAR	5,500.00
772.	47S_MBA_0056	READINESS OF MANUFACTURING ORGANIZATIONS TO CONCORD WITH GLOBAL AIMS OF FIGHTING CLIMATE CHANGE AND SUSTAINABILITY- AN EXPLORATORY STUDY	MBA	MBA	Dr. SANJAY K. DESHPANDE	Ms. AKSHATA MAGDUM Ms. SHREYA YALLUR Ms. SRINIDHI HOLEPPAGOL Mr. MOHAMMAED YASEEN BULBULE	4,000.00
773.	47S_BE_1212	INVESTIGATIONS ON THE EFFECT OF THE HYDRO THERMAL CYCLES ON THE 3D PRINTED ULTRASONIC WELDED JOINTS FOR AEROSPACE AND MARINE APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Dr. ARUNKUMAR P. Dr. VIVEK TIWARY	Mr. PRAJWAL ARALI Mr. BHARATH KURI Mr. RAHUL PATANKAR Mr. KRISHNA BINGE	7,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

774.	47S_BE_1226	INVESTIGATIONS ON ULTRASONIC WELDING OF FDM-3D PRINTED PARTS TO OVERCOME ITS BED SIZE LIMITATION FOR MANUFACTURING INDUSTRY	B.E.	MECHANICAL ENGINEERING	Dr. VIVEK TIWARY Dr. VINAYAK R MALIK	Mr. AKHILESH VERNEKAR Ms. AISHWARYA PANCHAXARIMATH Ms. ASHWINI LOHAR Ms. NAMRATA KABBE	6,500.00
775.	47S_MTech_0016	IMPACT OF ELEVATED TEMPERATURES ON THE STRENGTH PROPERTIES AND MICROSTRUCTURE STUDY OF FIBRE (CARBON AND POLYPROPYLENE) REINFORCED CONCRETE	M.Tech	STRUCTURAL ENGINEERING	Prof. SACHIN R. KULKARNI	Mr. YOGESH B. DESAI	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	15-05-2024	NEFT Dr-P136240322802663-CHAIRMAN AND PRINCIPAL GIT BELAGAVI-KARB0000116	63,5000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 93. 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.)
776.	47S_BE_4146	TREATMENT OF GROUND WATER CONTAMINATION USING GRAPHENE OXIDE OF KARWAR REGION	B.E.	CIVIL ENGINEERING	Prof. SEEMA R. BASARIKATTI	Mr. AMAN LOKESH HEGDE Ms. BISHTAKKA TARIHAL Mr. PRASHANT NARAGUND Mr. SANDEEP BHAJANTRI	3,500.00
777.	47S_BE_3822	AIR QUALITY SENSING AND MONITORING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. POORNIMA RAIKAR Dr. VENKATESH SHANKAR	Mr. SAVIO REBELLO Mr. JONATHAN W. DAVID Mr. BHARGGAV GONDAKAR Ms. RAKSHITA R. DEVARADDI	4,500.00
778.	47S_BE_4452	SMART MEDICATION DISPENSER AND REMINDER USING EMBEDDED SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. NIKHIL A. KULKARNI	Mr. FAIROZ RAMAPUR Mr. CHARAN C. SHANBOG Mr. DHEERAJ V. KULKARNI Mr. FAYAZANWAR I. JAKATI	5,500.00
779.	47S_BE_0470	GREEN METAL MATRIX COMPOSITES: REPURPOSING DEBRIS FOR ENGINEERING PURPOSES	B.E.	MECHANICAL ENGINEERING	Dr. GURURAJ HATTI	Mr. AKSHAY KITTUR Mr. SHASHANK S. YANKANCHI Mr. OMKAR P. NARVEKAR	5,500.00
780.	47S_BE_1562	PERFORMANCE EVALUATION OF PORTABLE DOMESTIC SOLAR VEGETABLE DRYER	B.E.	MECHANICAL ENGINEERING	Dr. SHANKAR BADIGER	Mr. MANJUNATH P. MORE Mr. VISHWA GOUDA Mr. PRAVESH SAVANT Mr. GIRISH PATIL	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	15-05-2024	NEFT Dr-P136240322802664-PRINCIPAL-UBIN0900630	24,5000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 94. K.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.)
781.	47S_BE_4241	AUTOMATIC WRITING AND DRAWING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. DAWA CHYOPHEL LEPCHA	Mr. MUZAMMIL HASSAN Mr. MUBARAK ALI	5,500.00
782.	47S_BE_5016	IOT BASED NEXT GENERATION SAFETY PIN FOR WOMEN AND CHILDREN USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. JABEENA BANU	Ms. CHAITANYA RATHNAM V. Ms. CHAITHRA S.	5,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 45<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 95. 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.)
783.	47S_BE_3730	PREVENTION AND DETECTION OF BOTNET ATTACKS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mrs. RENUKA PATIL	Ms. YASHILA R. Mr. GURUDEEP R. Ms. YOGITHA S. Mr. V. VARUN	2,000.00
784.	47S_BE_3782	DEEPPAKE CREATION AND DETECTION FOR MULTIMEDIA CONTENT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. LAKSHMI K. K.	Ms. RUPA RAJASRI PUTHINEEDI Ms. M. DIVYASHREE Ms. POORNIMA M. C. Ms. TANMAYEE R.	2,000.00
785.	47S_BE_1631	CYBER APARADHA SAMBANDITHA KANUNU SALAHE(CAS-KS)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. REKHA B. VENKATAPUR	Ms. GANASHREE K. Ms. GANASHREE G. M. Ms. DHANYA SHARANYA SHREE R.	3,000.00
786.	47S_BE_2235	BIONIC ARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. PRAVEEN A. Mr. B. SUDARSHAN	Ms. HIMA SWETHA Ms. B. S. HEMASHREE Ms. BHUNVESHWARI K. Ms. CHAITHRA K.	5,500.00
787.	47S_BE_4185	ACCIDENT PREVENTION SYSTEM FOR RAILWAYS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SANTHOSH KUMAR B. R.	Ms. PRIYANKA M. Ms. NEHA C. R. Ms. PAVANI T. S. Ms. PUSHPA D. T.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

788.	47S_BE_4605	SMART REAL TIME DRAINAGE MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. P. N. SUDHA	Mr. SUMUKHA S. Mr. RAHUL KRISHNAN V. Mr. TARUN PRASANNA Mr. TEJAS N. REDDY	5,000.00
789.	47S_BE_4703	SMART WIRELESS EMERGENCY PENDANT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DINESH KUMAR D. S.	Ms. AFEEFA SHARIEFF Ms. ERAM FATHIMA Ms. MADIHA	5,500.00
790.	47S_BE_5175	DESIGN & FABRICATION OF ADAPTIVE DRIVING ATTACHEMENT TO AN EXISTING FOUR-WHEELER VEHICLE TO HELP DIFFERENTLY ABLED PERSON	B.E.	MECHANICAL ENGINEERING	Dr. NIRMALA L.	Mr. SHREYAS S. K. Mr. HARYANK V. KASHYAP	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299394-K S INSTITUTE OF TECHNOLOGY-UTIB0001513	28,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273421DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 96. 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.)
791.	47S_BE_1273	EXPERIMENTAL INVESTIGATION ON MASONRY STRUCTURE WITH HORIZONTAL REINFORCEMENT ON SHAKE TABLE	B.E.	CIVIL ENGINEERING	Mr. MANJUNATH B. Mr. PRASHANTH M.	Mr. PAVAN S. Mr. CHANDAN K. Ms. NIDA MANZOOR TELI Mr. CHARAN C. S.	5,000.00
792.	47S_BE_1346	EXPERIMENTAL STUDY ON A 4 STOREY STEEL FRAME TO REDUCE DISPLACEMENT USING TUNED MASS DAMPER.	B.E.	CIVIL ENGINEERING	MR. SHASHIPRASAD N Dr. NAVEENA M. P.	Ms. SUJITHA E. Mr. PRAMOD S. Mr. DARSHAN P. Mr. KEERTHAN M. R.	5,000.00
793.	47S_BE_0176	ENERGY HARVESTING WHILE WALKING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUSHMITHA SURESH Mrs. CHANDANA V. S.	Ms. SUCHITHRA M. B. Mr. V. YASHWANTH NAIDU Mr. VIKRAMA C. Mr. VISHWANATH VIVEK	4,000.00
794.	47S_BE_0177	LIFE EXPECTANCY POST THORACIC SURGERY USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs.CHANDANA V. S. Mrs. SUSHMITHA SURESH	Ms. NANDINI V. Ms. NISHMITHA R. Ms. NITHYA A. Mr. ROSHAN KUMAR L.	2,000.00
795.	47S_BE_0198	SEPSIS PREDICTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NAGAVENI B. NIMBAL	Mr. PRITHVI RAJ CHAVAN Mr. SAGAR NAIDU Mr. RAHUL B. M. Mr. NIKHIL K. H.	2,000.00
796.	47S_BE_0199	WASTE SEGREGATION AND MANAGEMENT USING DEEP LEARNING AND IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. JAYASHUBHA J. Mrs. JAYASHUBHA J	Mr. BHUSHAN P. Ms. LIKHITHA L. MAHESH Mr. KUMARASWAMY N. Ms. LAVANYA M.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

797.	47S_BE_1052	A LOW-COST THERAPEUTIC EXERCISE MACHINE FOR MECHANISED KNEE REHABILITATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. K. SENTHIL BABU	Ms. TEJASHREE M. Mr. KAKARLA JASWANTH CHOWDARY Mr. ATHISH NAVEEN Mr. MOHAMMED JUNAID M GUDDAD	5,500.00
798.	47S_BE_1474	PROTOTYPE FOR SURFACE WASTE COLLECTION SYSTEM IN WATER BODIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANU D. K.	Mr. R. PARTHIBAN Mr. M. B. HEMANTH Mr. G. BHARATH KUMAR Mr. P. SAI KETHAN CHOWDARY	5,000.00
799.	47S_BE_2266	DESIGN AND PROTOYPE FABRICATION OF VORTEX WIND TURBINE	B.E.	MECHANICAL ENGINEERING	Dr. ABHISHEK M. R.	Mr. PRATHWIN B. R. Mr. PAVAN G. Mr. MALLIMPATTU VINAY Mr. KONANKI RAKESH	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	15-05-2024	NEFT Dr-P136240322802667-K S SCHOOL OF ENGINEERING AND MANAGEMENT-UTIB0001513	39,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 97. 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.)
800.	47S_BE_3050	HUMAN BITE MARK IDENTIFICATION USING ML (MACHINE LEARNING)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAVITHA C. K.	Mr. KARTHIK Ms. DISHA G. K. Mr. SACHIN M. T. Ms. SAPTHAMI C.G.	5,000.00
801.	47S_BE_3053	BUZZHUB: SMART BEEHIVE REMOTE MONITORING AND BEE KEEPING SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SMITHA M. L.	Mr. REEVAN B. R. Ms. ANANYA R. HEBBAR Ms. VIDYASHREE L. ACHAR Mr. LISCHITH K. R.	5,000.00
802.	47S_BE_4376	PEPPER GRADING AND COST ESTIMATION USING IOT BASED DEEP LEARNING MODELS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. BHAGYA JYOTHI K. L.	Ms. RANJITHA R. Ms. DEEPTHI K. D. Ms. SANCHITHA H. B. Ms. SONASHREE	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	15,000



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 98. 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.)
803.	47S_MBA_0032	ORGANIC PAPER BAG: WITH PLANTABLE PAPER BAGS	MBA	MBA	Mrs. SUJATHA N. SHEERI	Ms. S. MADHURA Ms. YASHASWINI H. J. Mr. JEEVAN G. L. Mr. KIRAN M. C.	4,500.00
804.	47S_BE_4314	DESIGN AND FABRICATION OF TWO WHEELER FOR AGRICULTURAL APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Mr. AJAY C. K.	Mr. GANESH RAIKAR Mr. KIRAN K. N. Mr. NIDUMANAHALLI SHESHE GOWDA KARTHIK Mr. SADASHIVA S	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KALPATARU INSTITUTE OF TECHNOLOGY, TIPTUR	13-06-2024	Funds Transfer Debit - KALPATARU VIDYA SAMSTHE	11,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 99. KARAVALI 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.)
805.	47S_BE_2756	AUTONOMOUS UNMANNED AERIAL VEHICLE FOR MULTIPURPOSE	B.E.	AERONAUTICAL ENGINEERING	Mr. NAVEENA P	Ms. BHOOMIKA G. Ms. PALLAVI K. V. Mr. SAMEER AHMED NAGARBOUDI	7,000.00
806.	47S_BE_2892	A MORPHING QUADROTOR FOR INSPECTION, MAPPING AND AERIAL IMAGING BY CHANGING SHAPE.	B.E.	AERONAUTICAL ENGINEERING	Dr. RAGHU CHAND R.	Ms. Y. M. MUSKHAH Mr. GAGAN A. Ms. MOUNIKA R. Ms. POOJA S.	7,000.00
807.	47S_BE_3135	EXTRACTING WATER FROM WIND THROUGH WIND TURBINE USING PELTIER	B.E.	AERONAUTICAL ENGINEERING	Dr. RAGHU CHAND R.	Ms. MUNAZZA TASNEEM Ms. DEEPA M. B. Mr. SUBRAHMANYA GAJANANA GOUDA Mr. ANIL B. J.	7,000.00
808.	47S_BE_3499	REMOVING FLOATING DEBRIS WITH AN INNOVATIVE WATER LANDING DRONE	B.E.	AERONAUTICAL ENGINEERING	Dr. RAVINDRA BABU G.	Ms. SWETHA C. Mr. AJITH C. M. Ms. POOJA R. Mr. MOHAMMED GOUS KALADAGI	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	28-05-2024	NEFT Dr-P149240325299396-G R EDUCATION TRUST-SBIN0004118	28,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 100.KARNATAK ARTS SCIENCE AND COMMERCE COLLEGE, BIDAR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
809.	47S_MSC_0129	DEEP LEARNING BASED MICROSCOPIC ALGAE CLASSIFICATION FOR BIO-PROCESS MONITORING	M.Sc	COMPUTER SCIENCE	Mrs. JYOTI PATIL Mr. RAJMOHAN P.	Ms. UZMA NAUSHEEN Ms. SHIVANI M. Ms. SHRADDHA T. SAMIA ERUM KHALEEL AHMED	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KARNATAK ARTS SCIENCE AND COMMERCE COLLEGE, BIDAR	15-05-2024	NEFT Dr-P136240322802668-PRINCIPAL-SBIN00202	3,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 101.KARNATAK UNIVERSITY, DHARWAD

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
810.	47S_MSC_0253	ECOFRIENDLY AND COST-EFFECTIVE APPROACH FOR THE BIODEGRADATION OF MICROPLASTICS USING WATER AS A SOURCE	M.Sc	BIOTECHNOLOGY	Dr. SHIVASHARANA C. T. Dr. PRAVEEN SATAPUTE	Ms. ARUNA Ms. CHAITRA BASHETTI Mr. ISMAIL JABIULLA T. Mr. PRAMOD KALLAPPA BUDIHAL	5,500.00
811.	47S_MSC_0201	SCREENING OF MICROBIAL CONSORTIUM FROM BIOFILMS ON DEGRADING PLASTICS FOR THEIR PLASTIC DEGRADING EFFICIENCY.	M.Sc	MICROBIOLOGY	Prof. V. SHYAM KUMAR Dr. SHEELA KHANAPURE	Mr. JATTEPPA ALAL Mr. NAGARAJ BASAVARAJ MARIHAL Mr. NEELAKANTH MANTUR Mr. RAKESH ABBIGERI	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KARNATAK UNIVERSITY, DHARWAD	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	12,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 102.KRISTU JAYANTI COLLEGE, AUTONOMOUS, KOTHANUR PO, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
812.	47S_MSC_0142	UNRAVELLING THE THEREPATICAL POTENTIAL OF COLEUS AROMATICUS: MEDICINAL INSIGHTS AND SYNERGISTIC PRODUCTS THROUGH ADVANCED ENCAPSULATION	M.Sc	BIOCHEMISTRY	Dr. SHINOMOL GEORGE K.	Ms. SWATHI KRISHNA R. Mr. ARAVIND V. Ms. SHANIBA SHERIN P.	7,000.00
813.	47S_MSC_0144	EXPLORATION OF POTENTIAL ENDOPHYTIC ACTINOMYCETES DERIVED FROM MANGROVE ECOSYSTEM AND HARNESSING THE EFFICACY AS PLANT GROWTH PROMOTING AND BIO-CONTROL AGENT TO CONTROL DISEASE IN PEARL MILLET.	M.Sc	LIFE SCIENCE	Dr. C. M. REENA JOESPHINE Dr. ARPITA MISHRA	Ms. SWATHI T MAHENDRAN Ms. ANUPAMA A. N.	7,000.00
814.	47S_MSC_0189	ENDOPHYTIC FUNGI FROM MANGROVES:AROAD MAP FOR COMMERCIALIZATION TO COMPACT THE DISEASE IN PEARL MILLET	M.Sc	LIFE SCIENCE	Dr. C. M. REENA JOSEPHINE Dr. P. ROOPA	Ms. SARA MARIA SHAJI Mr. ANIRUDH K.	7,000.00
815.	47S_MSC_0275	BACTERIOCIN - NANOCONJUGATE: ACTIVE ANTIMICROBIAL PACKAGING MATERIAL FOR FOOD INDUSTRY	M.Sc	LIFE SCIENCE	Dr. SANGEETHA MENON Dr. ARPITA MISHRA	Ms. AISHWARYA Ms. ANUJA ANN GEORGE Ms. SNEHA S. Ms. PAVITRA M.	6,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KRISTU JAYANTI COLLEGE, AUTONOMOUS, KOTHANUR PO, BENGALURU	15-05-2024	NEFT Dr-P136240322802670-KRISTU JAYANTI COLLEGE, AUTONOMOUS-SIBL0000979	27,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 103.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.)
816.	47S_BE_1488	EXPERIMENTAL INVESTIGATION OF CONCRETE BY RECYCLE AGGREGATE M25 & M30	B.E.	CIVIL ENGINEERING	Mr. SHIVANAND JALADE	Ms. BHAVYABHARATI Mr. SAIKUMAR Mr. MD REHANUDDIN Mr. MOHD SHOAIB RAFIUDDIN	5,500.00
817.	47S_BE_0456	DEEP LEARNING MODEL FOR DRONE IMAGE SEMANTIC SEGMENTATION USING DEEPLAB3+	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VEERESH BIRADAR Prof. GURURAJ NASE	Ms. SHREYA KULKARNI Ms. VAISHNAVI THAKUR	5,000.00
818.	47S_BE_1220	MELANOMA CANCER DETECTION USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GURURAJ NASE Prof. VEERESH BIRADAR	Ms. VACHANASHREE Ms. KANCHANA Ms. PRIYANKA	5,000.00
819.	47S_BE_1785	EARLY DEPRESSION DETECTION USING AI AND ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NEELAMBIKA Prof. SHRUTI MODI	Ms. KAVYA KORE Ms. AMBIKA	5,000.00
820.	47S_BE_2349	DEEP LEARNING BASED MULTI RETINAL DISEASES CLASSIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARANBASAPPA SHETKAR	Mr. SHRISHAIL Mr. DAYANAND	3,000.00

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	28-05-2024	AMT TRFD TO ACTS 47TH SERIES	18,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273321DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 104.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.)
821.	47S_MSC_0108	FORMULATION AND EVALUATION OF SAPONIN BASED BIO-DETERGENT WITH IMMOBILIZED ENZYME AS A DETERGENT ADDITIVE	M.Sc	BIOCHEMISTRY	Ms. TANISHA RATHORE	Ms. AMRUTHA RANGASHREE Ms. C. N. DHAMINI Ms. SAHANA L. J	7,000.00
822.	47S_MSC_0032	FABRICATION OF GREEN NANO-CARBON QUANTUM DOTS FOR THE DEVELOPMENT OF ON-OFF-ON FLUORESCENT SENSOR FOR THE DETECTION OF HEAVY METALS IN WATER	M.Sc	CHEMISTRY	Dr. SMRITHI S. P. Dr. BHARATH K. DEVENDRA	Ms. SINCHANA K. P. Mr. DHARSHAN K. Ms. SNEHA	5,500.00
823.	47S_MSC_0075	EXPLORING THE CATALYTIC POTENTIAL OF PD2SN COMPOUNDS FOR ELECTROCHEMICAL HYDROGEN EVOLUTION REACTION	M.Sc	CHEMISTRY	Dr. ASHLY P. C.	Mr. SUNDAR PAVAN Mr. MAHESH B. V. Mr. ANAND B.	7,000.00
824.	47S_MSC_0056	PROTOTYPE OF MYCELIUM BASED MATERIAL - A PROSPECTIVE PACKAGING MATERIAL	M.Sc	MICROBIOLOGY	Prof. PUSHPA H. Prof. SAVITHA J.	Ms. MAITHRI D. B. Ms. SUMALATHA L. Ms. SHRUTHI A. S.	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

825.	47S_MSC_0136	A COMPARATIVE STUDY OF FRUIT WASTE COMPOST AND PARTHENIUM WEED WASTE COMPOST AS A VERMICULTURE OF EUDRILLUS EUGINEA AND THE EFFICACY OF VERMICOMPOST AS AN APPLICATION ON VEGETABLE CROPS - AN APPROACH OF MARKET WASTE MANAGEMENT AND WEED MANAGEMENT	M.Sc	MICROBIOLOGY	Dr. PRASANNA SRINIVAS R. Dr. NIMITA VENUGOPAL C.	Ms. PREETHI R. Ms. IPSHIKHA JOARDER Ms. SHAMITHA SHETTY P.	5,500.00
826.	47S_MSC_0061	REVOLUTIONIZING HAIR CARE : CREATING ECO FRIENDLY PROTEIN SHAMPOO AND CONDITIONER FROM REPURPOSED COOKING OIL TO COMBAT HAIR FALL AND ENHANCE SMOOTHNESS	M.Sc	ORGANIC CHEMISTRY	Dr. SHASHIDHAR BHARADWAJ S. Prof. DHANASHRI VAISHALI	Mr. PREMKUMAR K. Mr. LOHITH H. S. Mr. NANDEESHA K. N. Mr. AKSHAYKUMAR V.	6,500.00
827.	47S_MSC_0071	DEVELOPMENT AND EVALUATION OF NOVEL CURCUMIN ANALOGUES AS ANTI-CANCER AGENTS	M.Sc	ORGANIC CHEMISTRY	Dr. HAREESH KUMAR P. Dr. SOWBHAGYA R.	Ms. RESHMA BAI H. L. Ms. G. DEEKSHITA Ms. NIVEDITA VINOD KUDTALKAR Ms. AYESHA SIDDIQUA	6,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
M.S RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU	15-05-2024	NEFT Dr-P136240322802673-PRINCIPAL-BARB0VJMSRI	44,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 105.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.)
828.	47S_BE_0057	AUTOMATED CARDIOVASCULAR DISEASE DIAGNOSIS USING HONEY BADGER OPTIMISATION WITH MODIFIED DEEP LEARNING MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S.H	Mr. IMRAN HUSSIAN Mr. NISHANT SINHA Mr. SHADIKUL ISLAM Mr. SHIVAM YADAV	5,000.00
829.	47S_BE_0065	RAILSAFE ALERT SYSTEM BASED ON IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. P. SUSHMITA SINGH	Mr. JAYANT KUMAR Mr. DEVESH KUMAR PACHAURI Mr. AJAY Mr. VAIBHAV PATIL	5,000.00
830.	47S_BE_0067	AGRICULTURAL CROPS PRICE PREDICTION SYSTEM USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S.H	Ms. MANASA P. J. Ms. DEEKSHITHA S. Mr. JAYANTH H. M. Mr. NITHIN U.	5,000.00
831.	47S_BE_0093	PLANT RECOGNITION USING CNN AND GARDENING SUPPORT SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S.H	Mr. ASHISH KUMAR D. Ms. TRIPTI KUMARI Mr. PRODDATUR NAGA VENKATA SHRAVAN	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

832.	47S_BE_0228	ELECTRONIC SHOES TO ASSIST VISUALLY CHALLENGED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MALATESH S.H	Mr. AADITYA RAJ Ms. TASMIA KOWSAR Ms. TAHSEEN S.	5,000.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	M.S. ENGINEERING COLLEGE, BENGALURU	28-05-2024	NEFT Dr-P149240325299399-PRINCIPAL MS ENGINEERING COLLEGE-SBIN0040734	15,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273341DC	10,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 106.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.)
833.	47S_MSC_007 7	SYNTHESIS OF NOVEL PYRIMIDINE TETHERED N-HETEROCYCLIC DRUG MOLECULE/S AS CRITICAL INHIBITOR(S) AGAINST HEP3B CANCER CELL LINE: MECHANISM OF ACTION AND DEVELOPMENT OF ADVANCED COMPUTATIONAL ALGORITHMS TO DISCRIMINATE ACTIVE AND INACTIVE ANTICANCER DRUG MOLECULES	M.Sc	CHEMISTRY	Dr. JYOTSNA KUMAR Dr. SUBARNA CHATTERJEE	Ms. AKSHARA R. Mr. MOHAMMAD SALMAN WANI	7,000.00
834.	47S_MSC_008 1	DESIGN AND DEVELOPMENT OF PHYTOALEXIN EMBEDDED BIOCOMPATIBLE FILM WITH ENHANCED BIOAVAILABILITY FOR TOPICAL ADMINISTRATION: COMPREHENSIVE STUDY ON CHARACTERIZATION, THERAPEUTIC POTENTIAL, AND CYTOTOXICITY	M.Sc	CHEMISTRY	Dr. JYOTSNA KUMAR	Ms. PREETHA K. Ms. SATHYA P.	7,000.00
835.	47S_MSC_013 1	PHENYL GLYCIDYL ETHER MODIFIED CARBON HYBRID SILICONE RUBBER NANOCOMPOSITE FOR THERMAL MANAGEMENT APPLICATION	M.Sc	CHEMISTRY	Dr. T. NIRANJANA PRABHU	Ms. SIYA Mr. PRAMOD HEGDE	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

836.	47S_MSC_015 6	PHOTOCATALYTIC INVESTIGATION OF BIVO4/BIOBR/LFO MAGNETIC BASED TERNARY NANOCOMPOSITE AND BIODIESEL PRODUCTION FROM USED COOKING OIL	M.Sc	CHEMISTRY	Dr. N. MANIKANDA PRABU	Ms. DIYA ROSE DAVIS Mr. KETHERNATH R.	7,000.00
837.	47S_BE_1518	CONTEXT AWARE WEARABLE DIGITAL ASSISTANT FOR ASTRONAUTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JYOTHI A. P.	Mr. SHASHIDHAR Y. BHAT	5,000.00
838.	47S_BE_3858	ECODRIVE+ : AUTONOMOUS ELECTRIC VEHICLE USING SOLAR TRACKER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. PRAVEEN KUMAR VARANASI Dr. SHAMA RAVICHANDRAN	Mr. PUNITH RAJ J. S. Mr. NESAR G. GOWDA Mr. DHANRAJ M.	6,500.00
839.	47S_BE_3752	DEVELOPMENT OF OPTIMAL DISTANCE OF CONTACTLESS POWER TRANSFER FOR DYNAMIC CHARGING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. L. S. PRAVEEN Mrs. ANUSHA VADDE	Ms. PURVI KOLHAR Ms. KRUTHIKA B. S . Ms. MEGHA Ms. SINDHU V.	5,500.00
840.	47S_MSC_008 3	DEVELOPMENT OF DIABETIC FRIENDLY - MILLET BASED INSTANT SOUP POWDER INFUSED WITH EDIBLE MARINE SEAWEED	M.Sc	FOOD SCIENCE AND TECHNOLOGY	Dr. LOKESH RAVI	Ms. BANDLA HARI PRIYA	7,000.00
841.	47S_MBA_018 3	MODELLING OF GREEN AND REVERSE SUPPLY CHAIN FOR SUSTAINABLE MANAGEMENT OF WHITE GOODS	MBA	HUMAN RESOURCE MANAGEMENT	Dr. USHA N. Prof. K. M. SHARATH KUMAR	Ms. R. VIJAYALAKSHMI Ms. SPARSHA K.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

842.	47S_BE_4507	DESIGN AND DEVELOPMENT OF REMOTE OPERATED VEHICLE(ROV) FOR UNDEWATER APPLICATION	B.E.	MECHANICAL ENGINEERING	Mr. ABHILASH N. Dr. M. C. MURUGESH	Mr. DHEERAJ KUMAR C. V. Mr. ABHISHEK CHINCHOLE Mr. RAKSHITH RAJ B. Mr. YOUKTHIESHWAR H. S.	7,000.00
843.	47S_MBA_018 5	DEVELOPMENT OF A COMPREHENSIVE DIGITAL PLATFORM (WEBSITE & MOBILE APPLICATION) TO PROMOTE JANAUSHADHI (GENERIC DRUGS) AMONG RURAL STAKEHOLDERS IN KARNATAKA	MBA	PHARMA BUSINESS MANAGEMENT	Dr. ANICAR D. MANAVI Prof. H. S. SRIVATSA	Ms. HARSHITHA N.	5,000.00
844.	47S_MTechAg _0001	GRAPHENE NANOPATELET- LOADED DRUG DELIVERY SYSTEM FOR BREAST CANCER TREATMENT	M.Tech/ M.Sc (Agri)	PHARMACY	Dr. SANDHYA K. V.	Ms. TEJASWINI S. DHMADAR	7,000.00
845.	47S_MSC_009 4	DEVELOPMENT OF NANOPARTICULATE CARRIERS OF A CITRUS BIOFLAVONOID FOR MANAGEMENT OF HEPATOCELLULAR CARCINOMA	M.Sc	PHARMACY	Dr. ASWATHI R HEGDE	Ms. ANUSHRI G.	5,500.00
846.	47S_MSC_017 6	INVESTIGATION OF PHOTOCATYTIC ACTIVITY OF MnCO2O4/SnO2 NANOCOMPOSITE	M.Sc	PHYSICS	Dr. K. J. MALLIKARJUNIAH Dr. N. MANIKANDA PRABU	Ms. THEERTHA P. K.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

847.	47S_MTech_0082	DESIGN AND DEVELOPMENT OF MOBILE ROBOT MEDICINE DELIVERY SYSTEM FOR THE GENERAL WARD OF THE GOVERNMENT HOSPITALS	M.Tech	ROBOTICS AND AUTOMATION	Dr. SURESH R.	Mr. RAKESHA SHARMA C. R. Mr. RAHUL G. Mr. JAGADEESH R. S. Ms. PRIYA V.	5,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	28-05-2024	NEFT Dr-P149240325299401-MSRUAS - GRANTS AND RESEARCH FUNDS-UTIB0000559	87,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273331DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 107.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.)
848.	47S_BE_4908	SUSTAINABLE RECYCLING OF LITHIUM ION BATTERIES: CATHODE REGENERATION BY HYDROTHERMAL RELITHIATION	B.E.	CHEMICAL ENGINEERING	Dr. M. VENKATA RATNAM Dr. M. VENKATA RATNAM	Ms. J. BENJAMIN TITUS Ms. AMISHA BIJU Ms. ARCHANA N. Ms. DEVIKA K.	5,000.00
849.	47S_BE_1997	CENTRALIZED TRACKED MOWER ROBOT WITH SOLAR POWER ASSISTANCE	B.E.	DATA SCIENCE	Dr. JASNA S. B.	Mr. SUMADHAVA ANAND GUDI Mr. SUDHANVA ANAND GUDI Mr. PRATHVIRAJ DEVADIGA Mr. SANGAMESH HEBBAL	5,000.00
850.	47S_BE_1728	DESIGN AND IMPLEMENTATION OF HYBRID CHARGING STATION FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHIMA RAMESH MANIYATH Ms. BINI BABU	Mr. HEMANTH M. Ms. POOJITHA T. N. Mr. SURAJ B. V.	5,500.00
851.	47S_BE_1733	DESIGN AND DEVELOPMENT OF AUTOMATED HYDROPONICS SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. RENJINI E. NAMBIAR Dr. R. RAJARAJAN	Ms. YOGANA B. S. Mr. CHETAN RAO V. Ms. N. B. ASHWINI Ms. RAKSHITA R. K.	6,500.00
852.	47S_BE_1776	ACTIVE TEMPERATURE CONTROL OF LI-ION BATTERY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. GAYATHRI R. Dr. V. R. RAJAN	Mr. TEEGESH T. R. Ms. K. SOUNDARYA SAGAR Mr. TAHIR ALI	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

853.	47S_BE_1910	MEDICAL WASTE SEGREGATION AND MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RENUKAMBA J N Dr. M. ELENCEZHIAN	Ms. HARSHITA M. A. Mr. K. LIKITH PRASHANTH Mr. KEDAR K. B.	5,000.00
854.	47S_BE_1011	ROTATED SQUARE DIELECTRIC RESONATOR ANTENNA FOR RELIABLE DATA COMMUNICATION APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr.L.David William Raj	Mr. MAYANK GANGWAR Mr. GURU PRASAD PANIGRAHI Mr. HARSHITH B. Mr. KIRAN GOWDA	5,500.00
855.	47S_BE_1564	ROBOTIC ARM GESTURE CONTROL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GEETHANJALI G. Prof. UTSAB BANARGEE	Mr. PRAJWAL B. Mr. MADAN K. M. Mr. P. PRATHYAKSH Mr. PRAJWAL K.	5,500.00
856.	47S_BE_1789	SOLAR POWERED AUTONOMOUS LAWN MOWER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. L. DAVID WILLIAM RAJ	Ms. KEERTHANA B. Ms. KUSUMA N. Ms. LAVANYA M. S. Mr. BRITNEY NAOMI MANNAS	4,500.00
857.	47S_BE_3159	ADVANCED DRIVING SIMULATOR WITH KINEMATIC FEEDBACK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. L. DAVID WILLIAM RAJ	Mr. ALLWIN JOSEPH Ms. DELIN JOSE Mr. ABDUL MALIKH T. K. Mr. AVINASH M.	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

858.	47S_BE_2144	AI BASED MULTI DISEASE DETECTION USING MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. JASNA S. B.	Mr. VINOD KUMAR R. Mr. MOHAMMED ZUBAIR PASHA Mr. VISHNU PRASAD Mr. RAHUL	5,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299405-THE PRINCIPAL MVJ COLLEGE OF ENGINEERING-CIUB0000132	52,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273351DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 108.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.)
859.	47S_BE_4396	SUSTAINABLE UTILIZATION OF STEEL SLAG AND TITANIUM GYPSUM AS GRANULAR COLUMN FOR GROUND IMPROVEMENT IN GEOTECHNICAL PROJECT	B.E.	CIVIL ENGINEERING	Prof. VARUN S.	Mr. HEMANTH KUMAR M. S. Mr. AMRUTH RAJ B. R. Mr. DARSHAN R. Mr. MOHAMMED MUJAMIL ALI	4,500.00
860.	47S_BE_4895	SMART APP FOR MULTILINGUAL SYMBOL TRANSLATION OF PUBLIC TRANSPORT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RANJITH K. C. Prof. SANTOSH E.	Ms. VANDANA N. S. Ms. AKARSHITHA P. GOWDA Mr. HRUDAY M. Mr. MOHITH GOWDA K. T.	5,000.00
861.	47S_BE_5014	REPORTING AND MONITORING TOOL FOR SAFETY AGAINST RAGGING AND HARASSMENT USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NANDA KUMAR R. B.	Ms. VANDANA D. M. Ms. ANUSHREE S. R. Ms. CHRIS SUZAN A. Mr. ABHISHEK S.	5,000.00
862.	47S_BE_2032	INTRACRANIAL PRESSURE MONITORING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHAITRASHREE R.	Ms. AISHWARYA C. Ms. ADITHI C. Ms. CHITRA G. Ms. SUBRAMANYA P.	5,000.00
863.	47S_BE_2067	AUTOMATIC DETECTION CONTROLLING AND MONITORING OF TEMPERATURE IN SERICULTURE USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SMITHASHREE K. P.	Ms. THOSHINY CHAWAN M. Ms. VARSHINI Y. R. Ms. BHOOMIKA H. Ms. HEMA KIRANA M.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

864.	47S_BE_2432	SMART DEVICE FOR FARMERS TO DETECT SNAKES IN FARMLAND	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. AJAY KUMAR B. R.	Ms. KUSUMA M. S. Mr. GOKUL M. Mr. ARJUN M. S. Mr. DARSHAN R.	5,000.00
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#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	15-05-2024	NEFT Dr-P136240322802674-MAHARAJA INSTITUTE OF TECHNOLOGY-BDBL0001797	29,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 109.MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
865.	47S_BE_2704	EVALUATION OF ACOUSTIC CAPABILITIES AND AFFORDABILITY OF A SUSTAINABLE ALTERNATE TO TRADITIONAL ACOUSTIC PANELS	B.E.	CIVIL ENGINEERING	Prof. ROHITH JAIN Dr. B. C. NAGENDRA PRASAD	Ms. HAMSAVI V. S. Mr. ANKITH GOWDA Y. Mr. AKSHAY KUMAR D. M.	5,500.00
866.	47S_BE_2738	STUDY ON MECHANICAL PROPERTIES OF CONCRETE USING COPPER SLAG AND SILICA FUME AS PARTIAL REPLACEMENT TO FINE AGGREGATE AND CEMENT	B.E.	CIVIL ENGINEERING	Prof. AKSHAY N. K. Dr. B. C. NAGENDRA PRASAD	Ms. SUSHMITHA Mr. DARSHAN H. V. Mr. NIKHIL K. G. Mr. APPU R.	5,500.00
867.	47S_BE_2793	DESIGN OF LOW-COST WATER FILTER USING SUGARCANE BAGASSE AND AYURVEDIC HERBS FOR RURAL AREA - AN ALTERNATIVE APPROACH AT CONSUMER END	B.E.	CIVIL ENGINEERING	Dr. B. C. NAGENDRA PRASAD	Ms. PRIYANKA V. NAIK Mr. GAGAN S. Ms. BHOOMIKA S. Mr. CHANDAN P.	4,500.00
868.	47S_BE_0596	IOT BASED MILK ADULTERATION DETECTION AND IDENTIFICATION OF A1 AND A2 TYPE MILK	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI P.	Ms. PREETHI K. D. Mr. KARTHIK G. T. Ms. R. VAISHNAVI Ms. TEJAS K.	5,000.00
869.	47S_BE_0627	IOT BASED SOLAR PANEL CLEANING ROBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHWINI G.	Mr. RAVICHANDRAN T. S. Mr. MOHAMMAD RUMAN BAIG MR. SRI RAM A S Mr. SACHIN PATEL K.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

870.	47S_BE_0841	SMART READER FOR VISUALLY IMPAIRED USING RASPBERRY PI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SUHASINI	Mr. RAHUL M. R. Mr. AKHILESH N. Mr. HARSATH V. Mr. NIKHIL S.	5,000.00
871.	47S_BE_0669	TRAFFIC SIGNAL VIOLATION AVOIDANCE SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING - INFORMATION SECURITY	Prof. BHARATH BHARADWAJ B. S.	Ms. RESHIKA RAJESH K. Ms. CHAITRA B. S. Mr. DAMAN MEDAPPA S. S. Ms. GAGANA J.	5,000.00
872.	47S_BE_1620	FABRICATION AND STUDY OF CRAB SHELL POWDER REINFORCED POLYMER COMPOSITE TO MANUFACTURE LOWCOST AUTOMOTIVE PARTS	B.E.	MECHANICAL ENGINEERING	Dr. T. VENKATE GOWDA	Mr. NANDISH M. Mr. RAGHAVENDRA Mr. AMITH GOWDA N. T. Mr. DARSHAN Y. K.	6,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MAHARAJA INSTITUTE OF TECHNOLOGY, NANJANGUD TALUK, THANDAVAPURA	28-05-2024	NEFT Dr-P149240325299408-MIT THANDAVAPURA-HDFC0002132	42,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 110.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.)
873.	47S_MSC_0153	WASTE TO BEST: AMALGAMATED BAMBOO CHARCOAL AS A LOW-COST ABSORBENT FOR WASTE-WATER TREATMENT	M.Sc	BIOCHEMISTRY	Dr. USHA T. Dr. SUSHIL KUMAR MIDDHA	Ms. LATHA K. Ms. ASHIKA HUBLI Ms. M. PRANATHI Ms. MEGHANA M.	7,000.00
874.	47S_MSC_0191	DEVELOPMENT OF SUSTAINABLE ZnO -NANOPARTICLE BASED BIOCOMPOSITE FILM USING NANOCELLULOSE, TARO MUCILAGE AND BLACK CUMIN SEED OIL-AN APPLICATION IN PACKAGING OF GRAPES	M.Sc	BIOTECHNOLOGY	Dr. BABITHA B. Dr. KUSHALATHA M.	Ms. MADHUSHREE M. Ms. KANCHANA S. Ms. DEEKSHITHA B. K. MS.SUSHMA N	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN AUTONOMOUS, BENGALURU	15-05-2024	NEFT Dr-P136240322802675-MAHARANI LAKSHMI AMMANI CLG FOR WOMEN AUTON-UCBA0000231	12,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 111.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.)
875.	47S_BE_4279	APPLICATION OF MACHINE LEARNING ALGORITHM IN PREDICTING GROUNDWATER POTENTIAL ZONES	B.E.	CIVIL ENGINEERING	Prof. MADHUSHREE C.	Mr. DHANUSH H. V. Ms. GAGANA K. V. Mr. AKASH V. GOWDA Ms. DARSHINISHREE K.	4,000.00
876.	47S_BE_3475	CROWD TRACKING USING OPTICAL FLOW METHOD FOR VIDEO SURVEILLANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KEERTHI D.S.	Mr. A. SHASHANK BHARADWAJ Mr. ABHISHEK K. S. Mr. JEEVAN H. V. Mr. ABHISHEK N. P.	5,500.00
877.	47S_BE_1975	SOLAR POWERED MULTIPURPOSE AUTONOMOUS AGRICULTURAL ROBOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SUDARSHAN G. K. Mr. NITHIN K.	Ms. NISARGA M. P. Ms. GOWTHAMI D. N. Ms. ANANYA J. R. Ms. KEERTHANA H. B.	5,000.00
878.	47S_BE_2336	AN AI ENABLED SYSTEM TO DETECT POTATO DISEASE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. CHANDRIKA J.	Ms. LAHARI B. S. Mr. MOHITH H. A. Mr. NITHISH SAGAR D. Mr. RISHAB NANDAN B. R.	5,000.00
879.	47S_BE_3480	SIGNSPEAK: BRIDGING COMMUNICATION THROUGH DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHRUTHI D. V.	Mr. SANDEEPA T. N. Mr. SATHVIK RAO Mr. KEERTHAN V. Mr. ANIRUDHA R.	3,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

880.	47S_BE_0792	EXPLORING MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF ARAMID FIBER-BASED PHENOLIC COMPOSITES WITH GR/AL FILLERS FOR POTENTIAL AUTOMOTIVE BRAKE PAD APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Dr. MADHU P. Dr. YASHAS GOWDA T. G.	Mr. ABHISHEK S. J. Mr. YASHWANTH P. D. Mr. NISCHAY N. K. Ms. SHANMUKHI H. D.	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MALNAD COLLEGE OF ENGINEERING, HASSAN	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	29,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 112.MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
881.	47S_BE_2263	HARNESSING OF SOLAR AND WIND ENERGY USING OPTIMIZED TURBINE MILL THROUGH CFD AND IOT	B.E.	AERONAUTICAL ENGINEERING	Dr. ANAND S. N.	Mr. NIRAJ PRABHU Mr. SIDHARATH DEMBI Ms. DISHA V. S. Mr. KIRAN H BAILAPATTAR	7,000.00
882.	47S_BE_2288	CONCEPTUAL DESIGN OF BATTERY CHARGER FOR ERGONOMIC SEAT IN AIRCRAFT	B.E.	AERONAUTICAL ENGINEERING	Dr. ANAND S. N.	Ms. KAVYA M. Mr. MIR UZAIR AKBAR Mr. TUSHAR Mr. VARSHITH V. SHETTY	7,000.00
883.	47S_BE_2320	DESIGN AND DEVELOPMENT OF LIGHTER THAN AIR HYBRID POWER GENERATION SYSTEM FOR ELECTRIC VEHICLE CHARGING	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR Dr. Y. SHRIRAJ RAO	Ms. DIYAN RIYA MARTIS Mr. ABDUL RAZZAK SHAIKH Ms. SUVISHMA S. M. Ms. NEHA	7,000.00
884.	47S_BE_2391	SOLAR-POWERED PESTICIDE SPRAYING DRONE COTS	B.E.	AERONAUTICAL ENGINEERING	Mr. VIVEK SAMUEL Dr. SUJESH KUMAR	Ms. DEEKSHA R. BHANDHARI Mr. AKSHAY NAIK Ms. AFIFA FATHIMA BEGUM Mr. B MOHAMMED SHAHIQ	7,000.00
885.	47S_BE_2595	FAULT DIAGNOSIS AND CLASSIFICATION OF AIRCRAFT STRUCTURAL WING USING MACHINE LEARNING	B.E.	AERONAUTICAL ENGINEERING	Dr. SUJESH KUMAR	Ms. AKSHITHA P. L. Mr. BHAVAN H. V. Ms. KIRANA I. P. Mr. SATHVIK KUMAR K.	5,500.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

886.	47S_BE_2954	DEVELOPMENT OF A PROTOTYPE OF SMART AGRIVOLTAICS SYSTEM FOR ENHANCING LAND USE EFFICIENCY AND REVENUE OF FARMERS	B.E.	AERONAUTICAL ENGINEERING	Mr. AJITH KUMAR	Mr. HRITHVIK SHETTY Mr. PRATHAM JAIN Mr. DARSHAN KUMAR SHETTY Mr. NACHIKETH	7,000.00
887.	47S_BE_2112	AIR POLLUTION CONTROL OF FISH MEAL & OIL INDUSTRY USING BIO-FILTERS	B.E.	CIVIL ENGINEERING	Dr. JAYAPRAKASH M. C. Dr. VINEETHA TELMA D'SOUZA	Mr. VISHNU Mr. PREETHAM NAIK M.	4,000.00
888.	47S_MCA_0072	AUTOMATED LIBRARY SYSTEM FOR BOOK ISSUE OR BORROW THROUGH FACE RECOGNITION AND BARCODE SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ Dr. MADHWARAJ K. G.	Ms. MADHUSHREE KULKARNI Mr. MANOJ N. Ms. MAHALE DIKSHA CHANDRAKANT	4,500.00
889.	47S_MCA_0092	AN IOT BASED AUTOMATED TRAFFIC LIGHT PROCESSING SYSTEM ON DETECTING AN AMBULANCE IN TRAFFIC	M.C.A.	COMPUTER APPLICATIONS	Dr. ANUSHREE RAJ Dr. MADHWARAJ K. G.	Ms. SHAMITHA S. HEGDE Ms. AKSHATHA N. K. Ms. KSHAMA DEVADIGA Ms. M. MEHIKA RAI	4,500.00
890.	47S_BE_0909	A DEEP LEARNING APPROACH TO DETECT RHEUMATOID ARTHRITIS USING X-RAY IMAGES AND BIO-MARKERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRADEEP B. S.	Mr. SOURABH P. Mr. SHREYAS Ss TANTRI Mr. SHREYAS SHETTY B. Mr. VINAYAK NAYAK N.	5,000.00
891.	47S_BE_0964	DETECTION OF ISCHEMIC STROKE USING DEEP LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRADEEP B. S.	Mr. HEGDE SUMANTH SHYAM Ms. PUSHPA MANGAL GOND Mr. RATHAN S. R. Ms. RUCHITHA R.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

892.	47S_BE_1623	EFFECTIVE MILK GRADING AND BILLING SOLUTION FOR DAIRY INDUSTRY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. AMRUTHA	Mr. SHIVARAJ SHETTY Mr. RANJITH SHETTY Mr. RAO SURAJ NAGESH Mr. SHIVA JANARDHAN PATANKAR	5,000.00
893.	47S_BE_3518	A DEEP LEARNING APPROACH TO DETECT CANCER IN CIRRHOTIC LIVER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. VIJAYANANDA V. MADLUR	Ms. RAKSHA NAYAK Mr. SANKALP SANTOSH NAIK Ms. SANNIDHI B. M. Mr. TEJASWINI PEERU GOUDA	5,000.00
894.	47S_BE_3593	BREAST TUMOR SEGMENTATION AND CLASSIFICATION USING ULTRASOUND IMAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. DINESHA L.	Mr. VAIBHAV R. JADHAV Ms. DEEPIKA Mr. MOHAMMAD SHIHABUL FAIEZ Ms. DEEKSHA PRABHU	5,000.00
895.	47S_BE_3617	DEEP LEARNING BASED WHITE BLOOD CANCER DETECTION IN BONE MARROW USING HISTOPATHOLOGICAL IMAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SUNITHA N. V.	Mr. PRANAV JOSHI Mr. RAKESH KUMAR Ms. RAKSHA SHETTY Ms. RAKSHA M. SUVARNA	5,000.00
896.	47S_BE_2439	AQUASAFE - A PORTABLE WATER QUALITY MONITORING AND PATHOGEN DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SATHISHA	Mr. DHANUSH Ms. ALZUHA Ms. MEGHANA NAIK	5,000.00
897.	47S_BE_3922	SEWAGE PIPE CRAWLING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SRI KRISHNA SHASTRI C.	Mr. RANJAN Mr. NISAR AHMED Mr. ABHIJITH M. NAIK Mr. ADITHYA BHAT	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

898.	47S_BE_4812	ESTIMATION OF WATER FOOTPRINT FOR DOMESTIC AND COMMERCIAL PURPOSE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. DONY ARMSTRONG DSOUZA	Mr. AKASH Ms. K. ANNAPOORNA KAMATH Ms. KEERTHI S. M.	5,500.00
899.	47S_BE_5098	ENERGY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RANJITH H. D.	Mr. RUCHIRA R. Ms. SUMANA Ms. RASHMITHA Ms. RAKSHITHA JAIN	5,500.00
900.	47S_BE_4195	GLAUCOMA DETECTION USING MACHINE LEARNING WITH OCT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. SHARATH KUMAR	Mr. ATHIK REHAMAN Mr. LATHESH KUMAR Mr. MAYUR S. KARKERA MOHAMMED MUNEEF	5,000.00
901.	47S_BE_4825	CROP CARE - A WEB APPLICATION FOR CROP MANAGEMENT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SREEJA RAJESH	Ms. SMRUTHI POOJARY Mr. SUMANTH SHETTY Mr. WAISF AHMED	5,000.00
902.	47S_MBA_0087	ENHANCING HEALTHCARE SERVICES IN RURAL AREAS THROUGH PRIMARY HEALTHCARE CENTERS (PHC) IN DAKSHINA KANNADA DISTRICT	MBA	MBA	Dr. SHREEKANT G. NAIK	Mr. VENKATARAMANA Ms. SHETTY ASHVITA KRISHNA Mr. VITHIESH K. Ms. NEESHMA M. G.	2,500.00
903.	47S_MBA_0090	A STUDY ON THE ECONOMIC VIABILITY OF CONVERSION OF WASTE ENGINE OIL COLLECTED FROM HARBORS OF THE COASTAL KARNATAKA INTO BIO FUEL.	MBA	MBA	Prof. AKSHATHRAJ JAIN	Mr. P. DEEPAK Mr. NISHCHITH Mr. NIKSHEPA K. S.	3,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

904.	47S_BE_2657	DEVELOPMENT AND IMPLEMENTATION OF A ROBUST ROLLAGE SYSTEM FOR ENHANCED SAFETY	B.E.	MECHANICAL ENGINEERING	Prof. SWAROOP GANNAMANI	Mr. SHREYAS TANDEL Mr. SHARUN MOHAN P. Mr. K. V. ABHISHEK	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	1,27,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 113.MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
905.	47S_BE_5383	OPTIMISATION OF BIOGAS PRODUCTION USING SOLAR ENERGY	B.E.	CHEMICAL ENGINEERING	Dr. GAUTHAM JEPPU	Mr. VIKAS MALI PATIL Mr. ADITYA SHETTY	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL	15-05-2024	NEFT Dr-P136240322802676-MANIPAL UNIVERSITY RESEARCH UNIT-SBIN0004426	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 114. 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.)
906.	47S_BE_2905	A STUDY ON LATERITE CONCRETE BLOCK SOAKED WITH CEMENT SLURRY	B.E.	CIVIL ENGINEERING	Dr. RAMAKRISHNA HEGDE	Mr. PRATHAM Ms. ASHITHA Mr. MANJUNATH Ms. POOJA	4,500.00
907.	47S_BE_4346	CENTRALIZED MONITORING SYSTEM FOR STREET LIGHT FAULT DETECTION AND LOCATION TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SOOKSHMA ADIGA Mrs. AKSHATHA NAIK	Ms. VAISHNAVI K. Ms. POOJA V. Ms. PRIYA PATANAKAR	5,000.00
908.	47S_BE_4633	SMART BIKE ACCIDENT DETECTION USING BLACK BOX	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VISHWANATH SHERVEGAR Mr. VARUN KUMARA	Ms. SINCHANA S. Ms. MEGHANA Ms. SOWNDARYA S.	5,000.00
909.	47S_MBA_0129	EMPOWERING EDUCATION: A PERSONALISED SCHOLERSHIP APP	MBA	MBA	Mrs. THILAKALAXMI Ms. KAVYA	Mr. MULLA SAMEER Mr. FAYEEZ Mr. MUSTHAIN SHARIEF	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL	15-05-2024	NEFT Dr-P136240322870739-HDFC0000570-MNBS TRUST-	18,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 115. MOUNT CARMEL 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.)
910.	47S_MSC_0173	EXPLORING THE HYPOGLYCEMIC POTENTIAL OF DATE SEED FLOUR (PHOENIX DACTYLIFERA L.) THROUGH IN VITRO METHODS AND PRODUCT INNOVATION	M.Sc	BIOCHEMISTRY	Dr. MYRENE ROSELYN DSOUZA Dr. SHARANGOUDA J. PATIL	Ms. PRANJALI SHARMA Ms. NOOR ARSHIYA FIRDOSE	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
MOUNT CARMEL COLLEGE AUTONOMOUS, BENGALURU	28-05-2024	NEFT Dr-P149240325299412-SECRETARY-UCBA0002015	7,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 116. 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.)
911.	47S_BE_1498	KANNADA LANGUAGE GENERATIVE AI FOR FARMERS REVOLUTIONIZING AGRICULTURE WITH A VISION-ENABLED MULTIMODEL USING OPEN-SOURCED LARGE LANGUAGE MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. GOWTHAM M.	Mr. V. PRAJWAL Ms. BHAGYA RASHI Ms. HIBA TAJ KHURASHI Mr. SAYED MANSOOR	5,000.00
912.	47S_BE_3530	TREE CLIMBING ROBOT WITH PESTICIDE SPRAYING AND VIDEO STREAMING IN REAL TIME USING MICROCONTROLLER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. PUSHPALATHA H. P. Dr. MANJULA A. V.	Mr. CHANDRASHEKAR G. Y. Ms. GANAVI S. K. Ms. AFSA BANU Mr. BHARATH RAJ K.	5,500.00
913.	47S_BE_4393	IOT BASED SMART MEDICINE BOX	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RAGHAVENDRA M. Dr. MANJULA A. V.	Mr. DILEEP V. RAJU Ms. KEERTHI A. PAI Mr. PAVAN N. Ms. YADUKUMARI U. N.	4,500.00
914.	47S_BE_4893	AUTOMOBILE BLACKBOX SYSTEM FOR ACCIDENT ANALYSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MANJULA A. V.	Ms. HARSHITHA C. Ms. SAHANA S. Ms. SHRAVANA K.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

915.	47S_BE_3943	SECRET FRAGMENT VISIBLE MOSAIC IMAGE TRANSMISSION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. HARISH S. V. Dr. MANJULA A. V.	Ms. SINCHANA H. S. Mr. SANJAY GALI Mr. ABHISHEK J. C. Ms. SPOORTI Y.	5,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU	28-05-2024	NEFT Dr-P149240325299414-NIE INSTITUTE OF TECHNOLOGY-HDFC0002568	20,000.00
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273361DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 117. 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.)
916.	47S_BE_3732	DESIGN OF MINIATURE PROTOTYPE FOR ORGANIC WASTE BASED COMPRESSED BIOGAS PRODUCTION AND PURIFICATION	B.E.	BIOTECHNOLOGY	Dr. SANTHOSH POOJARY	Mr. AKSHAY KAMATH Mr. SHAMANTH KRISHNA Mr. SHANNON FERNANDES Mr. VADIRAJ M.	5,500.00
917.	47S_BE_3739	DESIGN AND CONSTRUCTION OF WAVEFORM BIOREACTOR FOR CYANOBACTERIAL GROWTH	B.E.	BIOTECHNOLOGY	Dr. VENKATESH KAMATH H.	Ms. N. G. PRATHIKSHAA Ms. BRINDA C. MENDON Ms. MEGHA Ms. PRATHIKSHA N. SHETTY	7,000.00
918.	47S_BE_5091	ECO-FRIENDLY SUSTAINABLE CLADDING TILES USING RECYCLED PLASTIC WASTE WITH PARTIAL REPLACEMENT OF FOUNDRY SAND	B.E.	CIVIL ENGINEERING	Dr. BHOJARAJA B. E.	Mr. VAIBHAV K. VIDYAPATI Mr. RUSHYANTH T. G. Mr. SHASHANK S. AMBIG Mr. SANJAY ANAND G.	5,500.00
919.	47S_BE_5287	HARNESSING AGRICULTURAL RESIDUES INDUSTRY-INTEGRATED ELECTRONIC SOIL REMEDIATION SUSTAINABLE SOLUTIONS FOR HEAVY METAL CONTAMINATION INCLUDING CHROMIUM, CADMIUM, LEAD	B.E.	CIVIL ENGINEERING	Mrs. DEEKSHITHA K.	Mr. VARUN KUMAR S. Mr. MANJUNATH Mr. PRAJWAL K. Mr. UMESH M. A.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

920.	47S_BE_2357	LAND REGISTRATION USING BLOCKCHAINED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. AKHILRAJ V. GADAGKAR	Mr. VISHAL GOPICHAND PAWAR Mr. VINEETH VINAYAK M. H. Mr. ANEESH SUNDARESH Mr. SIDDHANTH SUVARNA	5,500.00
921.	47S_BE_2698	AI PARKING SPOT DETECTOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SUDEEPA K. B.	Mr. SHARAN M. SHETTY Ms. SANNIDHI SHETTY Ms. NIRUPAMA G. N. Ms. MANUSHREE S. AMIN	5,500.00
922.	47S_BE_2794	TULIPU, A DIGITAL PLATFORM FOR PROMOTING TULU CULTURE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RAGHUNANDAN K. R. Dr. RADHAKRISHNA DODDMANE	Mr. SUVITH KUMAR Mr. ADARSH J. SHETTY Mr. AMITH JAGANNATH SOORENJI Mr. PRATHIK K. ACHARYA	5,500.00
923.	47S_BE_3457	DISPLACEMENT POWER FACTOR CORRECTION USING REACTIVE POWER COMPENSATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. DINESH SHETTY	Mr. KANZAL HAQ A. Mr. AKASH P. Mr. SHREYAS S. Ms. GEETHANJALI S.	5,000.00
924.	47S_BE_1403	GALVANIC SKIN RESPONSE (GSR) BASED EMOTIONAL STATE EXAMINATION AND BIOFEEDBACK FOR WELL-BEING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DURGA PRASAD	Mr. VARUN B. GATTI Mr. SRAJAN R. Mr. SUSHAN KOTIAN Mr. SUSHEEL CHETAN SHETTY	5,500.00
925.	47S_BE_0714	OBJECT DETECTION GLASSES WITH ADAPTIVE ENVIRONMENT SENSING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. ABHISHEK S. RAO	Mr. UTKARSH Mr. HARSH KUMAR Mr. DARSHAN S. Mr. ROHAN ARYA A. R.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

926.	47S_BE_3071	360 DEGREE FIRE PROTECTION SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr.MALLIKAPPA	Mr. GLANCY GEORGE FERNANDES Mr. NITISHKUMAR SHRIKANT NAIK Mr. GAUTHAM S. MESTA Mr. NIHAL NAGARAJ SHET	8,500.00
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#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	63,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 118. 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.)
927.	47S_MSC_0165	IDENTIFICATION AND CHARACTERISATION OF A PHOSPHATE SOLUBILISING ACTIVITY IN MORINGA LEAVES	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. SEEMA S.	7,000.00
928.	47S_MSC_0193	STUDIES ON CYTOKINE PRODUCTION BY T LYMPHOCYTES TRIGGERED BY URUSHIOLS FROM RHUS TOX TINCTURES	M.Sc	BIOTECHNOLOGY	Dr. VINITA BALASUBRAMANYA	Ms. MUSSRATH MUKTHAR Ms. FALKIYA TARANUM	7,000.00
929.	47S_MSC_0124	ELECTROCHEMICAL DETECTION AND DEGRADATION OF HEAVY METAL IONS IN INDUSTRIAL EFFLUENT USING CONDUCTING POLYMER BASED NANOCOMPOSITE AND NANOADSORBENT	M.Sc	CHEMISTRY	Dr. ROOPA D. L.	Ms. JEEVITHA M. Ms. NANDANA V. A. Ms. HARSHITHA N. Ms. RAMYA N.	7,000.00
930.	47S_MSC_0133	ENHANCING CROP YIELD PREDICTION THROUGH MACHINE LEARNING TECHNIQUES	M.Sc	DATA SCIENCE	Prof. DEEPALAKSHMI R.	Ms. KAUSER NISSAR T. P. Ms. ASHWITHA M. R. Ms. SHAZIYA SULTANA	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
N.M.K.R.V COLLEGE FOR WOMEN, BENGALURU	15-05-2024	NEFT Dr-P136240322802677-THE PRINCIPAL-MAHB0001374	26,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 119. 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.)
931.	47S_BE_2457	RAILWAY TRACK CRACK DETECTION SYSTEM	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. R. VIJAYANAND Dr. RASHMI P. KARCHI	Ms. RACHANA A. Ms. VARSHINI K. S. Ms. PREETHI A.	5,500.00
932.	47S_BE_5032	DETECTION OF SICKLE CELL ANEMIA USING DEEP LEARNING TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof .PRATHIBHA B. N. Dr. RASHMI P. KARCHI	Mr. KARTHIK SHREEVATSHA P. Mr. U. DURGA LOKESH Mr. YASHAS C.	4,000.00
933.	47S_BE_3988	EFFECTIVE UTILIZATION OF SEQUENTIAL BATCH REACTOR SLUDGE AS SUSTAINABLE GREEN PLASTERING MATERIAL.	B.E.	CIVIL ENGINEERING	Mrs. VIDYASHREE M. Ms. VIDYASHREE M. G.	Mr. VARUN B. B Mr. CHETHAN H. M. Mr. DHANUSH C.	3,000.00
934.	47S_BE_5360	CORROSION EVALUATION OF STEEL REINFORCEMENT EMBEDDED IN ALKALI ACTIVATED COMPOSITE SUBJECTED TO AGGRESSIVE ENVIRONMENT.	B.E.	CIVIL ENGINEERING	Dr. NAGARAJ V. K.	Mr. JITMAL KUMAR BHARTI Mr. S. SUHAS REDDY Mr. KAIPA SHASHANK Mr. ABDUL NABI B.	3,000.00
935.	47S_BE_2503	IMPLEMENTATION OF DUST CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. H. VENKATESH KUMAR	Mr. AKASH KUMBAR Mr. ARUNKUMAR N. Mr. CHETHAN NAIK L. Ms. N. HEMA LATHA	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

936.	47S_BE_2889	IOT BASED ECG AND VITALS HEALTHCARE MONITORING ROBO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VINAY N. A.	Ms. SANGHAVI D. B. Ms. ARCHANA Ms. MIZBA FARAZ Ms. SUPRITA	5,500.00
937.	47S_BE_3428	DESIGNING OF MIMO ANTENNA FOR SIGNAL BOOSTER DEVICE TO ENHANCE THE SIGNAL CONNECTIVITY IN RURAL AREAS.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VIVEK SINGH	Mr. NASEER ULLA KHAN Mr. RAHUL YADAV Ms. PRIYANKA R. Ms. GOWTHAMI L. R.	5,500.00
938.	47S_BE_2232	ADVISORY SYSTEM FOR FINANCIAL INVESTMENT FORECASTING AND VISUALIZATION FOR STOCK MARKET	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ANKITA SHUKLA	Mr. MADAN MOHAN Mr. MOHAMMED NUMAN SHARIFF Mr. NALLAPAREDDY GARI KIRAN KUMAR REDDY Mr. K. V. SANJAY REDDY	4,500.00
939.	47S_BE_2449	IMAGE FORGERY DETECTION BASED ON LIGHTWEIGHT DEEP LEARNING MODELS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. MOHAN D. N.	Ms. HARSHITHA K. N. Mr. HEMANTH G. M. Mr. J. KIRAN Ms. PREKSHA C. P.	5,000.00
940.	47S_BE_2481	DESIGN AND DEVELOPMENT OF IOT ENABLED SMART HEAD MASSAGER DEVICE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAMESH M. KAGALKAR	Mr. BHARATH G. Ms. ANKITHA G. S. Ms. DIKSHITA CHILUKUR Ms. JEEVA H. R.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802678-PRINCIPAL NAGARJUNA COLLEGE OF ENGING AND TECH-BARB0VJYELA	46,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 120. NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
941.	47S_MCA_0044	NLP DRIVEN - KANNADA TITLE GENERATOR USING BERT / RNN	M.C.A.	COMPUTER APPLICATIONS	Mr. AJITH S.	Mr. SANJAY S.	2,500.00
942.	47S_MBA_0169	A STUDY ON THE AFFORDABILITY AND AVAILABILITY OF ADVANCED TREATMENTS FOR CHRONIC DISEASES IN RURAL POPULATION	MBA	FINANCE	Dr. ABRAHAM VARUGHESE	Ms. HARSHITHA G. R. Mr. RANJITH B. N. Mr. PUNEETH L. Mr. RAKSHITH D. H.	3,500.00
943.	47S_MBA_0051	SCOPE OF GENERATING AND USING BIOGAS IN RURAL AREAS	MBA	MBA	Mr. RAKSHITH GOWDA K. M.	Mr. CHANDAN N. Mr. THOUSIF PASHA H. S. Mr. DAYANANDA SAGAR A. C. Mr. VENU M. V.	4,000.00
944.	47S_MBA_0088	A STUDY ON AWARENESS OF POST HARVESTING AGRICULTURAL PROCESS TO REDUCE CARBON FOOTPRINT	MBA	MBA	Mr. GIRISH KUMAR H. V.	Mr. UMESH N. Mr. NITHIN GOWDA C. Ms. LIKITHA H. P. Mr. SUPRITH S.	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NAGARJUNA COLLEGE OF MANAGEMENT STUDIES, CHIKKABALLAPUR	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	13,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 121. NAGARJUNA DEGREE COLLEGE SCHOOL OF MANAGEMENT, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
945.	47S_MBA_0040	SUSTAINABLE DREAMS; A SMART REDEVELOPMENT OF BANGALORE SLUM'S	MBA	MBA	Dr. VIJAYAKUMAR R. S. Dr. HARISH BABU S.	Ms. VARSHINI G. REDDY Ms. KAVYA C. N. Ms. TULASI G. Ms. SWATHI M.	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NAGARJUNA DEGREE COLLEGE SCHOOL OF MANAGEMENT, BENGALURU	15-05-2024	NEFT Dr-P136240322802680-NAGARJUNA DEGREE COLLEGE-BARBOYELBAN	3,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 122. 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.)
946.	47S_BE_1423	WASTE GLASS POWDER AND NATIVE RICE STRAW UTILIZATION IN GREEN COMPOSITE CEMENT BRICKS	B.E.	CIVIL ENGINEERING	Mrs. BANDHAVYA G. B.	Ms. NISHITHA M. R. Ms. VARSHITHA SHANKAR T. S. Ms. SRUSTI T. K.	4,500.00
947.	47S_BE_2530	VISION BASED IDENTIFICATION OF HALLIKAR AND AMRUTHMAHAL BREED USING SOFT COMPUTING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MAHANTESH C. ELEMIMI	Ms. BINDUSHREE G. E. Ms. AISHWARYA J. N. Ms. CHAAYAA H. K. Ms. RAKSHITHA H. S.	4,500.00
948.	47S_BE_2814	PATIENT FLOW NET	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. MEGHASHREE D. P.	Ms. ALISHBA SHARIEF.H Ms. SANA ZAINAB	4,500.00
949.	47S_BE_4661	IMAGE BASED TENTATIVE DIAGNOSIS OF CRD DISEASE IN POULTRY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MAHANTESH C. ELIMMI Dr. HEMANTH GOWDA K.	Ms. THEJASWINI H. M. Ms. NAVYATHA C. N. Ms. RAKSHITHA G. Ms. SNEHA K. P.	4,500.00
950.	47S_BE_4810	DETECTION OF UNAUTHORIZED HUMAN ENTITY IN SURVEILLANCE VIDEO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SATHISHA M. S.	Mr. PRASHANTH GOWDA A. S. Mr. DARSHAN H. M. Mr. SRUJITH G. L. Mr. VENU H. K.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

951.	47S_BE_2055	A SMART NECK WEAR FOR TRACKING CANINE WELFARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. NAZIYA FARHEEN H. S.	Ms. PRIYADARSHINI K. S. Ms. MANYA S. GOWDA Ms. SHIVANI L. S. Ms. PRIYANKA H. S.	6,500.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NAVKIS COLLEGE OF ENGINEERING, HASSAN	15-05-2024	NEFT Dr-P136240322802681-PRINCIPAL NAVKIS COLLEGE OF ENGINEERING-BARB0VJHARA	29,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 123. NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
952.	47S_BE_4665	WASTE TO WEALTH: SILICA EXTRACTION AND BIO-COAL GENERATION FROM RICE HUSK ASH FOR SUSTAINABLE WASTE MANAGEMENT	B.E.	MECHANICAL ENGINEERING	Dr. ZEESHAN ALI Dr. P. RATHNAKUMAR	Mr. MOHAMMED BILAL Mr. MOHAMMED NASHID ALI Mr. MOHAMMED AMAIR SOHAIL	9,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR	28-05-2024	NEFT Dr-P149240325299415-NAVODAYA INSTITUTE OF TECHNOLOGY, RAICHUR-SBIN0015215	9,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 124. 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.)
953.	47S_BE_0783	ANIMEA DETECTION USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. RAMESHPRASAD R. Ms. RAJASREE R. S.	Mr. KAKARLA LINGESWAR BALAJI Mr. KATAKAM DATTA RAM VIVEK Mr. A. CHETU CHANDHAN Mr. P. SANJAY REDDY	4,000.00
954.	47S_BE_0790	ANDROID APPLICATION FOR REAL-TIME CHILD MONITORING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	MS. SANDYARANI V Dr. UMAMAHESWARAN S.	Ms. MOUNIKA TEPPOLA Ms. BHAVNA BRAHMA Ms. DIMPLE K CHOUDHARY Mr. KEERTI SAI NAIDU	4,000.00
955.	47S_BE_0824	PRODUCT RECOMMENDATIONS USING BODY MEASUREMENT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. RAMESH PRASAD Dr. UMAMAHESWARAN S.	Mr. K. VAMSHIVARDHAN Mr. PUNEET VERNEKAR Mr. RAHUL RAVINDRA Mr. VIGNESH BHARADWAJ	4,000.00
956.	47S_BE_1201	A DETECTION OF INTRACRANIAL HEMORRHAGE FROM CT SCANS USING DEEP LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SOWMYA H. K. Dr. SONIA MARIA D'SOUZA	Ms. N.VENKATA DEVAGNAA Mr. NIKHIL MANNE	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

957.	47S_BE_1464	EXTRACTING THE ESSENCE OF AYURVEDA: A TEXT MINING APPROACH TO HERBS AND BENEFITS USING NAMED ENTITY RECOGNITION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SOWMYA H. K. Dr. N. V. UMA REDDY	Mr. LINGALA NAGA MALLESHWAR REDDY Mr. METUKURU SRI CHARAN REDDY Mr. MATAM DINESH CHANDRA Mr. JANAPATI NEERAJ	4,000.00
958.	47S_BE_1499	AUTOMATED OFFICE MEETING SUMMARIZATION WITH NLP BASED VIDEO TRANSCRIPTION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. AKSHATHA P. S. Prof. BINDU S.	Mr. AKASH B. Mr. C. SUMUKH Mr. GOWARDAN REDDY V. Mr. V. HARSHITH	4,000.00
959.	47S_BE_1618	AN ADVANCED SENSORY PERCEPTION SYSTEM FOR OLFACTORY ANALYSIS PROVIDING A CUTTING EDGE DIGITAL OLFACTION SOLUTION WITH IMPLICATIONS FOR DIVERSE INDUSTRIAL SECTORS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SUPRIYA B. RAO Dr. MARIA SONIA DSOUZA	Mr. UMAIR AHMED Mr. TALHA RAKIM KHAN Mr. ARITROO KUMAR CHOWDHURY	5,000.00
960.	47S_BE_1818	A DEEP LEARNING APPROACH TOWARDS THE DETECTION OF KIDNEY STONE USING CT SCANS IMAGES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. JIMSHA K. MATHEW Ms. RAJASREE R. S.	Ms. NEEHIKA P. SETTYPALLI Ms. PANABAKAM NIHARIKA	5,000.00
961.	47S_BE_1915	PRECISION FARMING WITH AI FOR OPTIMAL CROP YIELD AND HEALTH	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Ms. JIMSHA K. MATHEW Dr. PRIANKA R. R.	Mr. ALLAMPATI VIGNESH REDDY Mr. DADIREDDY GIRIHAS REDDY Ms. DAKSHA T. M. Mr. KUSHAL KULANDAIVELU	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

962.	47S_BE_2802	SONIC INSIGHTS: REVOLUTIONIZING LUNG DISEASE ANALYSIS AND PREDICTION WITH LUNG BEATS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. SUPRIYA B. RAO Prof. SHRAVYA SHETTY	Mr. VEJANDLA MAHESH BABU Mr. AVNEESH TAMRA Mr. RACHIT SHRIVASTAVA Mr. ALAN DERRYL	5,000.00
963.	47S_BE_1710	PARTIAL REPLACEMENT OF COARSE AGGREGATE AS COCONUT SHELL IN PREVIOUS CONCRETE	B.E.	CIVIL ENGINEERING	Mrs. SNEHAL R. L. Dr. SURENDRA B. V.	Mr. SHYLESH L. Mr. SHREYAS P. Mr. VEDANTH M. Mr. ROHAN R. NAYAK	5,000.00
964.	47S_BE_2540	WATER LEAKAGE DETECTION USING WATER SENSING CABLE	B.E.	CIVIL ENGINEERING	Mrs. SWETTI JHA Dr. SURENDRA B. V.	Ms. N. TEJA SREE Ms. S. BHOO MIKA Mr. BASIREDDY KARTHIKEYA Mr. T. VENKATA SUBBAIAH	5,000.00
965.	47S_BE_3363	PREPARATION OF BRICKS USING RED MUD BY PARTIAL REPLACEMENT OF NATURAL CLAY	B.E.	CIVIL ENGINEERING	Mrs. SNEHAL LAHANDE Mr. CHANNABASAVA	Mr. RAGHAV G. T. Mr. AJAYKUMAR D. Mr. DARSHAN L. Mr. NEERAJ SURESH KAMBLE	5,000.00
966.	47S_MCA_0021	SIGNSYNC - MACHINE LEARNING INSIGHTS INTO SIGN LANGUAGE RECOGNITION	M.C.A.	COMPUTER APPLICATIONS	Prof. JINCY C. MATHEW Dr. V. ASHA	Mr. MOHAMMED MAZIL KATINGERI Ms. MARY SHINE S. Ms. MEGHANA Mr. MUHAMMAD SURAQUATU	4,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

967.	47S_MCA_0022	VIDEO SURVEILLANCE AND TRACKING SYSTEM USING FACIAL RECOGNITION	M.C.A.	COMPUTER APPLICATIONS	Prof. JINCY C. MATHEW Dr. V. ASHA	Ms. MITHUNA P. Mr. MAYUR L. KOLAMBKAR Mr. NARENDRA GAUTHAM V. Mr. NAVEEN PRAKASH G.	4,500.00
968.	47S_MCA_0024	AGRICULTURAL PROSPECTS THROUGH EDIBLE MUSHROOM CLASSIFICATION - MACHINE LEARNING APPROACH	M.C.A.	COMPUTER APPLICATIONS	Dr. ARPANA PRASAD Dr. V. ASHA	Mr. BRONSON TAKHELLAMBAM Mr. BIKRAM BISWAS Ms. BRUNDA Ms. B. BALA MAHESH	4,500.00
969.	47S_MCA_0033	IMAGE PROCESSING BASED CRIMINAL IDENTIFICATION SYSTEM	M.C.A.	COMPUTER APPLICATIONS	Dr. M. T. VASUMATHI Dr. V. ASHA	Ms. DIVYA SHARMA Ms. DIVYABHARATHI T GUDDENNA Ms. DITSHA CHOWDHURY Ms. DEEPTHI V.	4,500.00
970.	47S_MCA_0037	NATURE NEXUS : EMBRACING PARENTHOOD IN THE HEART OF NATURE	M.C.A.	COMPUTER APPLICATIONS	Dr. N. MITHILI DEVI Dr. V. ASHA	Ms. PRIYANKA IMAGOUDANAVAR Mr. PRATHITH Ms. S. ROSHINI Ms. RIMPA SAMANTHA	4,000.00
971.	47S_MCA_0038	SMART SCHOOL BUS USING IOT	M.C.A.	COMPUTER APPLICATIONS	DR. N. MITHILI DEVI Dr. V. ASHA	Ms. PRAVALLIKA S. Mr. RAVITEJA T. Mr. ROHIT Mr. REHAN GUPTA	4,000.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

972.	47S_BE_1229	FINGERDETECT PRO: ADVANCED FINGERPRINT CRIME ANALYSIS TOOL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. T. KAVITHA Dr. C. R. RATHISH	Mr. REVAPPA Mr. SACHIN B. HANDIGNUR Mr. SACHIN Y. M. Mr. SUMIT S. PURANDARE	3,500.00
973.	47S_BE_1414	BLOCK CHAIN BASED INTER-ORGANIZATIONAL SECURE FILE SHARING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. BANDARI CHANNARAYA PRIYA Dr. M. DHANALAKSHMI	Mr. BOMMU THARUN KUMAR REDDY Ms. B. ROOPA REDDY Mr. A. ROHITH	3,500.00
974.	47S_BE_1525	FLOOD PRONE ROAD RECOGNITION: ENHANCING RESILIENCE THROUGH IDENTIFICATION ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. ANAPARTHI YASASWI Dr. SANTHOSH KRISHNA B. V.	Ms. TIRUVATHURU BHOOMIKA Ms. YASHIKA PATHY Ms. VARSHA GANESH	5,000.00
975.	47S_BE_1556	FAKE PROFILE DETECTION ON SOCIAL MEDIA USING MACHINE LEARNING ALGORITHMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. ROJA R. Dr. T. KAVITHA	Mr. MELBIN BIJU Mr. ALISTAIR KISSINGER Mr. SANJAY G. Mr. PRINCE ENOCH	4,000.00
976.	47S_BE_1622	BRAIN NEOPLASM IDENTIFICATION USING CNN WITH VGG-16 MODEL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SOJA RANI S. Dr. NIRMALA M.	Ms. SHREE RAKSHA C. Mr. SAI KUMAR REDDY J. Mr. SOLLETIHRUDAY	3,500.00
977.	47S_BE_1625	ROADSENSE: REAL-TIME TRAFFIC SIGN DETECTION FOR SAFER COMMUTES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. CHITRA C. Dr. B. MEENAKSHI SUNDARAM	Ms. HARSHITA R. Ms. ABINAYA S. Ms. GUNTIMADUGU POOJA	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

978.	47S_BE_0019	A PORTABLE IMPROVISED SOLAR HOME LIGHTING SYSTEM WITH LiFePO4 BATTERY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. VINOTH KUMAR K. Mrs. ANITHA A.	Mr. ADVAITH MADHAVAN Mr. KHADIM HUSSAIN Mr. KOVVURI JAVED AJMAL BABA Mr. M. P. JAWAHAR	5,000.00
979.	47S_BE_0020	FARMGUARD: AUTOMATED ANIMAL DETECTION AND MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Ms. DISHA M. Ms. HARSHIKA Ms. HEMAVATHI V. Ms. AAMNA NAFIZA	5,500.00
980.	47S_BE_0023	EMPOWERING MOBILITY FOR DISABLED: DESIGN AND FABRICATION OF E-TRICYCLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Mr. SANJAN R. Mr. MOHAMMED IMAD Mr. SHASHANK JOSHI Ms. SNEHA S. A.	7,000.00
981.	47S_BE_0026	EV TOUCH START FINGERPRINT - POWERED IGNITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Mr. GAGAN M. Mr. ARUNESH KUMAR SINGH Mr. VARUN P. C.	6,500.00
982.	47S_BE_0031	SOLAR POWERED INDUCTION MOTOR SPEED CONTROL USING IOT FOR AGRICULTURE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. VINOTH KUMAR K.	Mr. KAMALESH BADOLA Mr. KUSHAL NAIK K. Mr. LAVA KUMAR M. N. Mr. MOHAMMAD AMAN	6,500.00
983.	47S_BE_0052	LOAD FREQUENCY CONTROL OF ISOLATED HYBRID MICROGRID	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MAUSRI BHUYAN	Mr. ANSHU KUMAR U. Mr. ADITYA NARAYAN Mr. AKSHAT SHAJI	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

984.	47S_BE_0069	ENHANCED ELECTRIC PROPULSION AND STABILITY CONTROL IN TWO-WHEELED VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. SUJITHA	Mr. DAYAS A. DIXEN Mr. DHEERESH VIJAY DEVADIGA Mr. DONY SNEHIT P. Ms. HARSHITHA K.	7,000.00
985.	47S_BE_0043	IOT-BASED VEHICLE MONITORING SYSTEM FOR SAFETY STANDARDS IN SMART CITIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PIRUTHIVIRAJ P. Mr. AJAY SUDHIR BALE	Mr. TARUN S. R. Mr. TARUN M. Mr. TARUN M. K.	4,000.00
986.	47S_BE_0072	SPORTS ANALYTICS USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. KAVITA AVINASH PATIL Dr. B. MEENAKSHI SUNDARAM	Mr. SIDDHARTH C. Ms. SHRUTI SINGH Ms. HARSHITHA PILLAI Mr. HIMADRI BISWAS	4,000.00
987.	47S_BE_0844	LONG RANGE SPY ROBOT USING NIGHT VISION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ISHANI MISHRA Mrs. MONIKA GUPTA	Mr. PREETHAM P. KUMAR Mr. R. SRIRAM Ms. RANGAREDDY SHALINI Mr. VISHWAS D.	4,000.00
988.	47S_BE_2807	IOT BASED VEHICLE ACCIDENT PREVENTION USING GSM+GPS & ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SRINIVAS BABU N. Mr. SHASHIKIRAN S.	Mr. SUGURU RAVIKANTH Mr. SUDEEP V. D. Mr. YASHWANTH Mr. PURUSHOTHAM REDDY	4,000.00
989.	47S_BE_3631	SUSTAINABLE ENERGY GENERATION AND AIR PURIFICATION FOR SMART CITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. MAHENDRA SHRIDHAR NAIK	Mr. HARI ROHITH Mr. KEVIN ANTHONY Mr. PREETHAM CHANDRAN Ms. NIKITA PAL	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

990.	47S_BE_5361	OBSTACLE AND METAL DETECTION ROBOT USING ESP32 MICROCONTROLLER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ISHANI MISHRA Dr. MANIKANDA KUMAR	Ms. B. SRIHARSHITA Ms. ASHMI JOHN Ms. BHAVANA M. Ms. G. NEHA	5,000.00
991.	47S_BE_5385	DESIGNING AND TESTING AUTOMATIC AGRICULTURAL ROBOTS FOR FARMING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAJESH G. Dr. JAYANTHI M.	Ms. J. ROMINA SOPHIA Mr. DARWIN NOEL	5,000.00
992.	47S_BE_5397	SEAMLESS MONITORING AND ALERT SYSTEM FOR MAINTAINING OPTIMAL AQUARIUM CONDITIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAJESH G. Prof. GURULAKSHMI	Ms. ANKITA SHETTI Ms. ARCHANA Ms. CHITHRASHREE B. T.	5,000.00
993.	47S_BE_0902	PERCEPTI ALARM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. PRIYA N. Dr. VANDANA C. P.	Mr. JASHWANTH D. S. Mr. JAYAM SURENDRA ANIL Mr. K. L. TEJAS	5,000.00
994.	47S_BE_0912	NEXT-GEN VEHICLE SAFETY: ACCIDENT MONITORING AND TRACKING SERVICES USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. BIBIANA JENIFER J. Dr. VANDANA C. P.	Mr. S. HARISHKUMAR Mr. KIRAN K. B. Ms. MALLAMMA H. Ms. MARIA IMMACULATE S.	4,500.00
995.	47S_BE_1102	SOIL ANALYSER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KALAIVANI Mr. KIRAN KUMAR	Mr. NIKHIL KAMATE Mr. OM VIJAY GAWADE Mr. PINAKI SANKAR MATRUPRASAD Mr. VAMSI KRISHNA SAI	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

996.	47S_BE_1248	AUTOMATIC ENGINE LOCKING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. ARCHANA DAS Dr. VANDANA C. P.	Mr. ANISH PRASAD GUPTA Ms. TANUSHA P HIREDESAI Mr. ROHIT RAJ Mr. CHAYAN PAIKARA	3,500.00
997.	47S_MBA_0046	DESIGN AND FABRICATION OF AUTOMATED MASK AND TEMPERATURE DETECTION	MBA	MBA	Dr. PRIYAMEET KAUR KEER Dr.GURU BASAVA ARADHYA S.	Mr. PRAJWAL J. NAIK Ms. GAGANA REDDY S. Mr. LEVIN KURIAKOSE	4,000.00
998.	47S_MBA_0174	VAULT H2O	MBA	MBA	Dr. PRIYAMEET KAUR KEER Dr.GURU BASAVA ARADHYA S.	Mr. Y. LAKSHMI KANTH Mr. LOKESH M. Ms. NEELAM JAIN Ms. SANJANA D. J.	4,000.00
999.	47S_BE_1055	DESIGN AND DEVELOPMENT OF WEED REMOVAL IN LAKES USING IOT	B.E.	MECHANICAL ENGINEERING	Prof. SUJEETH SWAMI Prof. RAKESH C.	Mr. NITHIN E. N. Mr. SHIVAKUMAR S. Mr. AASIM KHAZI	3,500.00
1000.	47S_BE_1114	DESIGN AND FABRICATION OF ONBOARD POWER GENERATION FOR EV (2 WHEELER)	B.E.	MECHANICAL ENGINEERING	Prof.GOWTHAM RAJ R. Dr. K. GOPAL	Mr. VISHNUPRASAATH P. Mr. SHIVA S. Mr. MANJUNATH H. P. Mr. SAMANTHULA YUVA SAISH KUMAR REDDY	5,500.00
1001.	47S_BE_1313	FABRICATION OF 3D PRINTED PMC'S FOR BIO-IMPLANTS	B.E.	MECHANICAL ENGINEERING	Dr. SRINATH M. K. Dr. MANJUNATHA	Mr. MELVIN C. NITHIN JOSEPH A Mr. SURAJ RAM Mr. NAVEEN KUMAR SHARMA	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1002.	47S_BE_1344	LEVERAGING SMART DEVICES FOR EARLY FOREST FIRE DETECTION	B.E.	MECHANICAL ENGINEERING	Prof. RAKESH C. Dr. MANJUNATHA	Mr. ABHAY PRAKASH Mr. A. ASHWIN MENON Mr. DHANUSHEKAR N. Mr. PRAJWAL M.	3,000.00
1003.	47S_BE_2825	ENHANCING IMAGE RECOGNITION AND IMPROVISING VIDEO CALL EXPERIENCE USING ML	B.E.	MECHANICAL ENGINEERING	Dr. GAYATRI TANUJA G.	Mr. SURYA SHYAM Mr. TEJAS C. K.	4,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299418-10-IDIB000N112	2,27,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273401DC	7,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 125. 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.)
1004.	47S_BE_3284	EXPERIMENTAL AND ANALYTICAL STENGTH INVESTIGATION OF REPAIRED FRP LAMINATES	B.E.	AERONAUTICAL ENGINEERING	Mr. RAMVISHAL G. Dr. SRIKANTH H. V.	Mr. SHASHI KUMAR S. Ms. PRAGATHI B. S. Mr. SHREE NARESH	7,000.00
1005.	47S_BE_5124	CROP YIELD PREDICTION USING MACHINE LEARNING	B.E.	CIVIL ENGINEERING	Mrs. BHARTI PRASAD	Mr. YASHAS C. H. Mr. SUDARSHAN Y. Mr. SHIVAKUMAR GOWDA	4,000.00
1006.	47S_BE_5298	COMPREHENSIVE INNOVATIVE INTEGRATED SYSTEMS FOR RETROFITTING BUILDINGS TO ENHANCE NATURAL LIGHTING AND VENTILATION LEADING TO SUSTAINABILITY.	B.E.	CIVIL ENGINEERING	Dr. MANJUNATHA L.	Mr. AMITGOUDA S. PATIL Mr. ADARSHA R. C. Ms. GREESHMA JINKAL	5,500.00
1007.	47S_MCA_0003	AN ARCHITECTURAL PROTOTYPE OF DEVELOPMENT OF AUTOMATED HRMS PLATFORM IN INDUSTRIES	M.C.A.	COMPUTER APPLICATIONS	Dr. DILEEP M. R. Mr. NAVANEETH A. V.	Mr. YASHWANTH M. V. Mr. SANJAY M. Mr. SHRAVAN B. MOHAN Mr. NAVEEN M.	4,500.00
1008.	47S_MCA_0055	HUMAN FACIAL RECOGNITION USING IMAGE PROCESSING	M.C.A.	COMPUTER APPLICATIONS	Dr. KAVITHA S. Dr. SREEKANTH RALLAPALLI	Mr. DILIP V. Mr. DHEERAJ V. Mr. KESANI SAI KUMAR Mr. UDAY KUMAR T.	4,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1009.	47S_BE_2311	NEURONAV : MIND CONTROLLED MOBILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. MAMATHA BAI B. G.	Ms. ASHWIN R. B. Mr. NITHIN G. P. Mr. ROHAN GUPTA K. R. Mr. VARUN N. SHARMA	6,500.00
1010.	47S_BE_4741	DEVELOPMENT OF AN IOT-BASED SOLUTION TO ADDRESS ILLEGAL LOGGING AND TIMBER THEFT: ENABLING REAL-TIME MONITORING AND INTERVENTION FOR SUSTAINABLE FORESTRY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. DEEPTHI SHETTY Mrs. UMA R.	Mr. ASHISH B. RAJKUMAR Mr. AKASH N. HEDDERI Mr. ARUN RAJ G. G.	5,000.00
1011.	47S_BE_3584	DESIGN OF STAND-BY POWER SAVING DEVICE USING IOT AND ITS APPLICATIONS IN HOME APPLIANCES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. MEGHANA A. Dr. SINGARAVELAN A.	Mr. Y. ABHISHEK NAIDU Mr. NITHIN N. G. Mr. ARUN KUMAR SANGANAL	5,000.00
1012.	47S_BE_4560	AN ASSISTIVE DEVICE FOR DEMENTIA PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. HARSHA KARAMCHANDANI	Mr. VAIBHAV KUMAR SINHA Mr. SHIVAM KASHINATH SHELAKE Mr. ARPIT SINGH	5,000.00
1013.	47S_BE_4612	DESIGN AND DEVELOPMENT OF FIRE FIGHTING UAV FOR SURVEILLANCE OF URBAN ENVIRONMENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHASHIDHARA K. S.	Mr. ADITHYA T. Mr. C. DEEPAK Mr. SAI KIRAN V.	5,500.00
1014.	47S_BE_4874	HUMAN FALL DETECTION FOR SPECIALLY ABLED	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAJESH N.	Ms. PALLAVI V. N. Ms. SWATI PUJARI Ms. VELIDANDLA CHATHURIMA	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1015.	47S_BE_4989	CAR BLACK BOX SYSTEM FOR ACCIDENT ANALYSIS USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PARAMESHACHARI B. D.	Mr. CHARANA P. L. Ms. KAVYA Ms. VEEKSHITHA	5,000.00
1016.	47S_MBA_0119	AN ANALYSIS OF IMPACT OF HYDROGEN-BASED FUEL ENGINES ON AIR QUALITY AND NOISE POLLUTION	MBA	MBA	Dr. SHILPA AJAY Dr. ETI KHATRI	Ms. SRISHTI Mr. KOUSHIK GOWDA C. V.	4,000.00
1017.	47S_MBA_0135	DEVELOPMENT OF A LOW-COST AND ECO-FRIENDLY SANITARY NAPKIN FROM BANANA FIBER	MBA	MBA	Dr. LAKSHMI H. Ms. KEERTHI H. K.	Ms. SUNIDHI V. K. Ms. SANJANA S. Ms. SAVITHA T. S. Ms. BHANUMATHI U.	4,500.00
1018.	47S_BE_3750	OPTIMIZATION OF A LOW CUT-IN SPEED DUAL-AXIS WIND TURBINE FOR HIGHER PERFORMANCE	B.E.	MECHANICAL ENGINEERING	Dr. L. HARISH KUMAR	Mr. PRATHAM RAO R. Mr. PRAJWAL PRASANNA	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299419-NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY-UTIB0000094	72,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273411DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 126. NITTE SCHOOL OF FASHION TECHNOLOGY AND INTERIOR DESIGN, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1019.	47S_BE_3971	GREEN THREADS: TRANSFORMING PLANT FIBRES INTO COST - EFFECTIVE, SUSTAINABLE MEDICAL TEXTILES	B.E.	FASHION TECHNOLOGY	Mr. RAMESH K. S. Dr. L. HARISH KUMAR	Ms. SANJEETHA HARISH	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
NITTE SCHOOL OF FASHION TECHNOLOGY AND INTERIOR DESIGN, BENGALURU	16-05-2024	NEFT Dr-P137240323090853-UTIB0000094-NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY--KSCST	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 127. 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.)
1020.	47S_BE_5009	HYDROPONICS FARMING: THE TECHNOLOGY TOWARDS SUSTAINABILITY	B.E.	CIVIL ENGINEERING	Prof. JAMEELA	Mr. RIFAZ N. H. Mr. PRANJAL Ms. CHAITHANYA Mr. MAHAMMAD UBAID	4,500.00
1021.	47S_BE_4498	CYBER-ATTACK DETECTION SYSTEM FOR BIOMETRIC	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHARMILA KUMARI M.	Ms. AFRAH ABDUL AZIZ Ms. DISHA D. NAIK Ms. FAREEHA FAIZ AHSAN Ms. BHAGYASHREE K.	5,500.00
1022.	47S_BE_3867	EFFECT OF BIOFIBRE AND EGGSHELL POWDER REINFORCEMENT ON THE MECHANICAL PROPERTIES OF EPOXY RESIN COMPOSITES	B.E.	MECHANICAL ENGINEERING	Dr. PRASHANTH PAI M. Mr. AASHITH C.	Mr. ADITHYA P. N. Mr. FAHAD P. A. Mr. JITHESH P. Mr. ABDUL RAZIK	6,500.00

#### Note:

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 45<sup>th</sup> series Utilization certificate and Statement of Expenditure.

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
P.A. COLLEGE OF ENGINEERING, MANGALURU	04-06-2024	NEFT Dr-P156240326755032-BARB0VJKNJE-PA COLLEGE OFENGG MANGALURU--KSCST SPP 47TH SER GRANTS	16,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 128. 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.)
1023.	47S_BE_3990	IMAGE SUPER RESOLUTION FOR TELESURGERY USING ESRGAN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRIYADARSHINI PATIL	Ms. GAZALARUHI Ms. POORNIMA K. Ms. NIRANJANI PATIL	4,500.00
1024.	47S_BE_3993	NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PEOPLE USING IMAGE PROCESSING AND AUGMENTED REALITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAYYADA FAHMEEDA SULTANA	Ms. SUSHMA DUBE Ms. VAISHNAVI CHAVAN Ms. SOUNDARYA A. N.	4,500.00
1025.	47S_BE_4072	AN ADVANCED COMPUTATIONAL FRAMEWORK FOR THE AQUEOUS QUALITY PREDICTION AND GRADING FOR OPTIMAL UTILISATION VIA MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JAYASHREE AGARKHED	Ms. PRIYANKA L. PANDE Ms. SHWETA KOLAR Ms. SNEHA	5,000.00
1026.	47S_BE_4078	ELECTRICITY SAVER FOR SMART CLASSROOM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRIDEVI SOMA	Mr. ADNAN SAMEE JUNAIDI Mr. BHIMASHANKAR Mr. MOHAMMED ZAHED	4,000.00
1027.	47S_BE_4467	DETECTING AI GENERATED CONTENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. POORVIKA HARSOOR	Mr. MOHAMMED FAIZAN ALI Mr. MD NAVEED ANJUM Mr. DANIEL DEEPAK DALBHANJAN	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1028.	47S_BE_4571	DATA HIDING TECHNIQUES IN MULTIMEDIAL OBJECTS USING STEGANOGRAPHY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHARANABADAPPA GANDAGE	Mr. SRIVATSA Mr. SANKET S. BIRADAR Mr. SHASHANK G. SONTI	3,500.00
1029.	47S_BE_4698	IDENTIFICATION OF BRAIN STROKE USING ARTIFICIAL INTELLIGENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANURADHA T.	Mr. ABHISHEK JAIVANT HIRNAGAONKAR Mr. MAHEBOOB PATEL Mr. MOHAMMAD AKBAR ALI	4,000.00
1030.	47S_BE_4707	TRANSCRIBER FOR NPTEL VIDEOS TO DIFFERENT REGIONAL LANGUAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SAYYADA FAHMEEDA SULTANA	Ms. BHAVANA V. REDDY Ms. ARUSA KONAIN Ms. NEELAMBIKA	4,500.00
1031.	47S_BE_4779	AN EXPERIMENTAL AID FOR SMART OBJECT DETECTION USING CNN, DT AND SVM ALGORITHMS PARALLELLY FOR FACE RECOGNITION USING 5G	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JAYASHREE AGARKHED	Mr. LAXMIKANTH KULKARNI Mr. PAVAN Mr. HARSHA	5,000.00
1032.	47S_BE_4910	SECURE ELECTRONIC HEALTH RECORD SHARING USING BLOCK CHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. CHETANKUMAR K.	Ms. RENUKA Ms. RAJASHREE Ms. DEVIKA	4,500.00
1033.	47S_BE_5108	CYBER THREAT PREDICTIVE ANALYSIS FOR CYBER SUPPLY CHAIN SECURITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHAILAJA S.	Mr. SHAIKH MOHD UZAIR Mr. SHARANABASAVA Mr. SANGMESH	5,000.00
1034.	47S_BE_3992	DESIGN AND FABRICATION OF SOLAR DRYER FOR RAISINS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SANGAMESH G. SAKRI	Mr. KARTIK Mr. CHETAN Mr. KRASHNAREDDY Mr. FURKHAN	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1035.	47S_BE_4389	PROBABILISTIC MODELLING OF FUTURE ELECTRICITY SYSTEMS WITH HIGH RENEWABLE ENERGY PENETRATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. AKSHAY S ASPALLI	Mr. MOHAMMED KAIF AHMED Mr. MOHAMMED IMRAN SHAIKH Mr. NIKHIL Mr. MOHAMMED MUKHTADEER	4,000.00
1036.	47S_BE_5228	DRY HANDWASHING MACHINE BY FOG DISINFECTION TO SAVE WATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. VEENA SARAF	Mr. SHIVABASAYYA Mr. SHARANABASAVA Mr. ABHISHEK Mr. PARVEZ	5,000.00
1037.	47S_BE_4440	ECOGUARD: PROTECTION OF FOREST ASSETS USING IOT AND WSN TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHANDRAKANT BIRADAR	Ms. BHAGYASHREE Ms. SIDDESHWARI Ms. SNEHAJYOTI	3,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	62,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273601DC	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 129. 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.)
1038.	47S_BE_2912	STRENGTHENING OF FLEXURAL AND SHEAR INADEQUATE RC BEAM DUE TO DISTRESS BY WRAPPING CARBON AND GLASS FIBRE REINFORCED POLYMER	B.E.	CIVIL ENGINEERING	Dr. SHIVARAJ G. NAYAK	Ms. KHUSHI S. Ms. BHUMIKA N. Mr. PRAVEEN M. S. Mr. SWAROOP GOWDA P.	5,500.00
1039.	47S_BE_3300	NOVEL TECHNIQUE TO REMOVE FLUORIDE CONTENT USING BIOCHAR	B.E.	CIVIL ENGINEERING	Prof. MADHUSUDHAN M. S.	Ms. PRATHIBHA N. Ms. SINDHU T. P. Mr. VINAY IRANNA AURASANG Mr. JAYANTH S. P.	4,500.00
1040.	47S_MBA_0106	PRECISION FARMING	MBA	MBA	Prof. T. D. SUMAN Prof. MARY SOUNDARYA J.	Mr. DARSHAN S. Mr. JAYANTH ARADHYA M. Ms. PRAKRUTHI N. Ms. CHANDANA S. N.	4,500.00
1041.	47S_BE_4003	CONDITION MONITORING OF SPUR GEAR USING VIBRATION SIGNAL AND MACHINE LEARNING TECHNIQUE	B.E.	MECHANICAL ENGINEERING	Dr. MADHUSUDANA C. K.	Mr. VISHWANATH SURESH SATAPUTE Mr. YASHWANTH T. R. Mr. YASHWANTH KUMAR S. L. Mr. VISHWASKUMAR	6,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
P.E.S. COLLEGE OF ENGINEERING, MANDYA	15-05-2024	NEFT Dr-P136240322802684-PRINCIPAL-SBIN0007965	21,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 130. 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.)
1042.	47S_BE_2397	COLOR IMAGE ENCRYPTION USING DNA WITH QUANTUM WALK ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SANDEEP K. H.	Ms. APOORVA N. MATTUR Ms. BHAIRAVI N. UDUPA Ms. CHANDANA T. N. Ms. DIVYA S.	3,500.00
1043.	47S_BE_3156	AUTOMATIC STROKE RECOVERY RATE PREDICTION SYSTEM BASED ON MOVEMENT ANALYSIS DURING COMPUTER INTERACTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. CHETHAN P. J.	Ms. AISHWARYA B. R. Ms. AMITHA G. S. Ms. ANANYA V. K. Ms. ANJALI C. R.	3,500.00
1044.	47S_BE_3247	MACULOPATHY DETECTION AND DIAGNOSIS USING ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ARJUN U. Mr. SUNIL KUMAR H. R.	Ms. GAGANA D. B. Ms. SANJANA K. M. Ms. SINCHANA S. Ms. SNEHA C. M.	3,000.00
1045.	47S_BE_3254	AGUMENTED REALITY TRANSFORMING PDF INSIGHTS INTO INTERACTIVR AR EXPIRENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SUNIL KUMAR H. R.	Mr. BALAJI S. Ms. SMRITHIKA M. B. Ms. THRUPTHI S. Mr. SREE VISHNU B. N.	3,000.00
1046.	47S_BE_3303	IMAGE-BASED CONTENT CLASSIFICATION FOR FILTERING SENSITIVE IMAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. CHETHAN L. S.	Mr. SKANDA Mr. SATHVIK PATIL Mr. SATHWIK G. HEGDE Mr. SIDDHARTH K. M.	3,500.00
1047.	47S_BE_3532	CAPACITY PREDICTION OF LITHIUM-ION BATTERIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. RAJESH T. H.	Mr. SUDEEPA N. Mr. SRINIVASA G. D. Mr. SRUJAN A. Mr. SUJITH G. AITHAL	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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1048.	47S_BE_3450	SELF EXICITED POWER GENERATION USING MAGNETIC FORCE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. KALAPANA S.	Mr. KEERTHI K. Mr. GIREESH KUMAR G. Mr. MANJUNATH RAMA GOUDA Mr. SAI KUMAR C.	5,500.00
1049.	47S_BE_3627	SMART ATM CARD FOR MULTIPLE BANK ACCOUNTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. KIRAN M. R.	Mr. OMPRAKASH S. M. Mr. RAGHAVAN A. Mr. SHOBHARAJ C. Mr. VINAY KUMAR K. M.	3,500.00
1050.	47S_BE_5226	WASTE CARBON CAPTURE FOR SUSTAINABLE PRODUCT DEVELOPMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. KIRAN M. R.	Mr. NANDAN RAGHUPATHI HEGDE Mr. PRAVEENA K. S. Mr. RAVEESH GANAPATI HEGDE	3,500.00
1051.	47S_BE_3927	EMPOWERING WOMEN'S SAFETY: SELF DEFENSE SECURITY SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. MALASHREE K. S.	Ms. A. ANNSHREYA Ms. JAHNAVI T. S. Ms. VIDHYA D. C.	5,000.00
1052.	47S_BE_3929	FLOATING WASTE SCOOPING AND SEGREGATION ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. NITHIN H. V.	Ms. PALLAVI MAHANTAYYA HIREMATH Ms. KAVYA K. N. Ms. KEERTHANA P. Mr. AKARSH ARADHYA S. R.	5,000.00
1053.	47S_BE_4358	SHOPPING TROLLEY FOR AUTOMATED BILLING SYSTEM WITH PICK AND PLACE MECHANISM USING IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. NITHIN H. V.	Ms. DEEPTI S. HEGDE Ms. DIVYASHREE M. Ms. K. S. TANUSHREE Mr. KOUSHIK S. M.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1054.	47S_BE_3032	DETECTION OF HEART DISEASES USING MEDICAL IMAGE ANALYSIS AND ARTIFICIAL INTELLIGENCE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRASANNA KUMAR H. R.	Ms. SHANTHALA N. Ms. DEEPTHI S. SHETTY Ms. SHIRLEY ANGEL G. Ms. T. S. NAVYA	4,000.00
1055.	47S_MBA_0147	UNVEILING A GREEN GEM: TIME TO DITCH COTTON? EXPLORING ARECA NUT HUSKS AS A SUSTAINABLE ALTERNATIVE	MBA	MBA	Dr. D. M. ARVIND MALLIK Mr. HEMANTHA KUMARA M. G.	Ms. YASHASWINI BOOSAL G. Ms. USHA CHANDRASHEKHAR NAIK Ms. ANUSHRI G. R. Ms. BHOOMIKA C. R.	3,500.00
1056.	47S_MBA_0153	TRANSFORMING ECO-FREINDLY COCONUT SHELL POWDER INTO SUSTAINABLE BOTTLES	MBA	MBA	Mr. HEMANTHA KUMARA M. G. Dr. PRASHANTHA KUMAR O.	Ms. ANKITHA R. Mr. MANOJ KUMAR H. P. Ms. SAHANA SHETTI Ms. POOJITHA K.	3,500.00
1057.	47S_MBA_0161	NEEM PAINT COATING	MBA	MBA	Mr. HEMANTHA KUMARA M. G. Dr. D. M. ARVIND MALLIK	Mr. SUMANTH S. B. Ms. SUPRITHA M. Ms. DHYANA S. Mr. DHANUSH S.	3,500.00
1058.	47S_MBA_0165	RECYCLE, REUSE & AWARENESS ON BIODEGRADABLE COCONUT HUSK TO COIRFIBER, COCO PEAT AND ACTIVATED CARBON HARDSHEET, HARDSHEET, TABLE, BRIQUETTES OR PELLETS	MBA	MBA	Mr. HEMANTHA KUMARA M. G. Dr. D. M. ARVIND MALLIK	Ms. VAISHNAVI BIRADAR Mr. SUDEEP S. G. Ms. HAFILA H. Mr. AMITH U. N .	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1059.	47S_MBA_0175	EXPERIMENTAL STUDY ON PRODUCTION OF CHARCOAL USING ARECA NUT HUSK IN SUSTAINABLE ENVIRONMENT.	MBA	MBA	Mr. HEMANTHA KUMARA M. G. Mr. ARJUN J.	Ms. AKSHATHA D. G. Ms. NAVYA SUBRAY HEGDE Ms. LAKSHMI T. O. Ms. NOORAIN	3,500.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	26-Jun-2024	NEFT DR-P178240331435615-SBIN0040852-PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT- KSCST SPP 47TH SR GRANTS 5 <sup>TH</sup> BATCH	64,500
<b>ART PARK sponsorship</b>	PES INSTITUTE OF TECHNOLOGY	05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273621DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 131. 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.)
1060.	47S_BE_5487	INTELLIGENT REAL-TIME TRAFFIC MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MANIKANDAN J.	Ms. CHAITANYA PATANGE Ms. K. G. DEEKSHITHA Ms. NEERAJA S.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
P.E.S. UNIVERSITY, BENGALURU	15-05-2024	NEFT Dr-P136240322802685-PES UNIVERSITY GENERAL FUND-UBIN0558931	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 132. 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.)
1061.	47S_MSC_0095	PREPARATION OF BIOGENIC SELENIUM NANO CONJUGATE EMULSION FROM LENTINULA EDODES EXTRACT TO TREAT SKIN HYPERPIGMENTATION	M.Sc	BIOCHEMISTRY	Dr. NAGAMANI J. E. Dr. INDU B. K.	Ms. SAHANA G. Ms. RAKSHITHA R.	7,000.00
1062.	47S_MSC_0175	EXPLORING THE POTENTIAL MICROBES FROM GUT MICROBIOME OF EARTHWORM FOR FASTER DEGRADATION OF KITCHEN WASTE	M.Sc	BIOTECHNOLOGY	Dr. SUDIPTA KUMAR MOHANTY Dr. SUHASA G.	Ms. NIKHITA B. Ms. MONICA C. R. Ms. SWATHI T. G.	5,500.00
1063.	47S_MSC_0186	DEVELOPMENT OF ACTIVATED CARBON COATED NANOPARTICLE COMPOSITE FOR REMOVAL OF HEAVY METALS	M.Sc	BIOTECHNOLOGY	Dr. SUDIPTA KUMAR MOHANTY	Ms. SUNITHA J SHETTY Mr. SANJAY B. M. Ms. RAKSHA S. Mr. VARUN R. PATIL	7,000.00
1064.	47S_MSC_0206	ENCAPSULATION AND REUSE OF ENZYMES FROM GUT MICROBIOME OF PESTS PRESENT IN FRUITS AND VEGETABLES FOR REMOVAL OF PESTICIDES	M.Sc	BIOTECHNOLOGY	Dr. NETHRA SUBRAMANYA Dr. SUDIPTA KUMAR MOHANTY	Ms. PALLABI DUTTA Ms. NIVEDITHA K. Ms. PRUTHVI SHREE S. Mr. NITIN J. GUNDAR	7,000.00
1065.	47S_MSC_0223	DEVELOPMENT OF NUTRACEUTICAL GUMMY	M.Sc	FOOD PROCESSING AND NUTRACEUTICALS	Mrs. SUBBALAKSHMI G. Dr. UMALATHA	Ms. SUSHMA B. R. Ms. NISHA DEY Mr. VISHNU M. KARTHA Ms. AISHWARYA C. A.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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1066.	47S_MSC_0245	TESTING THE STREET FOODS IN KENGERI, BANGALORE FOR USE OF ARTIFICIAL FOOD COLORS	M.Sc	FOOD SCIENCE AND NUTRITION	Dr. SHILPA P.	Ms. NISSIE CAROLINE Ms. RITHIKA A	7,000.00
1067.	47S_MSC_0164	DEVELOPMENT AND COMPARATIVE STUDY OF COLORED SILK COCOONS USING NATURAL AND SYNTHETIC DYES: EFFECTS ON SILK QUALITY AND ENVIRONMENTAL IMPLICATIONS	M.Sc	MICROBIOLOGY	Dr. NETHRA SUBRAMNYA Dr. SRIHARSHA	Mr. CHANDAN Ms. VASUNDHARA GHATAGE Mr. MOHAN KUMAR C. Ms. SPOORTI N. A.	6,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 46<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 133. 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.)
1068.	47S_BE_4363	SMART METERING TO COMBAT ENERGY THEFT USING BLOCKCHAIN TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. RAVI V. ANGADI	Mr. NAGENDRA B. Mr. KISHORE TEJA S. N. Mr. ANAND U. R. Mr. MANJUNATH K.	5,000.00
1069.	47S_BE_5330	GENERATION OF POWER, EXTRACTING MAXIMUM POWER FROM URINE WASTE THROUGH MICROBIAL FUEL CELL.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. BISHAKH PAUL	Mr. KUSHAL R. Mr. RAMEGOWDA K. T. Ms. HAMSA SHREE R. Ms. FIZA	6,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
PRESIDENCY UNIVERSITY, BENGALURU	15-05-2024	NEFT Dr-P136240322802686-REGISTRAR-FDRL0001189	11,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 134. 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.)
1070.	47S_BE_3757	STREE SWACCHA AUTOMATIC SANITARY PADS COLLECTOR AND DISPENSER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NAVEEN KUMAR H.	Ms. SEEMA R. Ms. B. SHANTHALA Ms. NABILA SHARIN Ms. SHIFA TABASSUM	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSPETE, BALLARI	15-05-2024	NEFT Dr-P136240322802687-PRINCIPAL-SBIN0013212	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 135. 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.)
1071.	47S_BE_4883	INDIAN FOOD CALORIE ESTIMATION USING CONVOLUTIONAL NEURAL NETWORK AND TRANSFER LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. VEENA K.	Ms. HARSHITHA D. S. Ms. RASHMI N. Ms. BHAVANA R.	4,000.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup>, 45<sup>th</sup> and 46<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 136. 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.)
1072.	47S_BE_2091	REMOVAL OF NITRATE AND PHOSPHATE FROM EUTROPHIC LAKE WATER USING COMBINED ELECTRO-CHEMICAL COAGULATION	B.E.	CIVIL ENGINEERING	Mr. ABHILASH N. R.	Ms. SHUSHMA J. Mr. CHARAN G. M. Ms. ROHINI M. Mr. NAGARAJ S. DESHABHANDARI	4,500.00
1073.	47S_BE_4938	SAFENEST: IOT AND FLUTTER-POWERED WOMEN AND CHILDREN SECURITY SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. LAKSHMI R.	Ms. ANANYA H. Ms. AAKANKSHA N. Ms. AMISHA M. ANGADI Mr. ANISH M. ANGADI	5,000.00
1074.	47S_BE_4406	LEVEL-LOCK PRO: INTEGRATED SECURITY SOLUTION FOR MULTIFLOOR BUILDINGS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. GREESHMA JACOB Dr. ANURADHA K.	Mr. ROHAN R. Mr. NAGASHREYAS N. Mr. SUMUKH AROOD Mr. DEEPU R.	5,000.00
1075.	47S_BE_4932	DESIGN AND DEVELOPMENT OF A DEVICE TO MONITOR DIABETIC FOOT PRESSURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. IBRAR JAHAN M. A. Dr. RAJINI V. HONNUNGAR	Ms. SHOBITHA R. Ms. ASHA R. Mr. YASHAS H.	6,500.00
1076.	47S_BE_4734	MULTIFUNCTIONAL ROVER	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Mr. G. N. SRIKANTH	Ms. ANUSHREE P. Ms. SUPRIYA R. Ms. CHITRA R. KALE Ms. PRAKRUTHI M. P.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1077.	47S_BE_4791	SMART HYBRID SYSTEM FOR 2-WHEELER VEHICLE	B.E.	MECHANICAL ENGINEERING	Mrs. VIRAJA DESHPANDE	Mr. DEEPAK S. Mr. CHARAN BETTA B. Mr. DHANRAJ CHAITANYA N. Mr. JAYASIMHA D.	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	33,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 137. 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.)
1078.	47S_BE_1016	LANDSLIDE SUSCEPTIBILITY MAPPING OF A PART OF COORG DISTRICT, KARNATAKA	B.E.	CIVIL ENGINEERING	Dr. PRASEEDA E. Dr. DIVYALAKSHMI K. S.	Mr. AMAN KUMAR PAJIYAR Mr. RAVI KUMAR YADAV Mr. RAJ SINGH YADAV	4,000.00
1079.	47S_BE_1063	INVESTIGATING LANDFILL SITE SUITABILITY INTEGRATING REMOTE SENSING, GIS AND MULTICRITERIA DECISION MAKING APPROACHES FOR NORTH ZONE OF BANGALORE	B.E.	CIVIL ENGINEERING	Dr. SAVITHA A. L.	Mr. ROHIT KUMAR JHA Mr. ELIYAS AHMAD MUSALMAN Mr. GANGA RAM YADAV	4,000.00
1080.	47S_BE_2695	AUTONOMOUS MOBILE RESCUE ROBOT IN DISASTER ZONE USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. RASHMI R. H.	Mr. R. VINAY PATIL Mr. MOHAMMED GHOUSE J. Mr. KISHAN C. L. Mr. MANJUNATH NAIK L.	5,000.00
1081.	47S_BE_2699	SMART IOT-ENABLED FLORAL WASTE RECYCLING SYSTEM FOR SUSTAINABLE BIOMATERIAL PRODUCTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MANJUNATH R.	Mr. SUHAIL N. Mr. HETHISHE B. J. Ms. SRUSHTI H. K. Mr. DEEPAK R.	5,000.00
1082.	47S_BE_2733	A DEEP LEARNING BASED ON FOREST WILDFIRE DETECTION IN MACHINE VISION COURSE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ASHA V.	Mr. PREM KUMAR S. R. Mr. THARUN K. Mr. VENKATESH DILIP GAROLE Mr. SUNIL R.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1083.	47S_BE_2759	BLOCKCHAIN DRIVEN AGRICULTURAL TRANSFORMATION FRAMEWORK TO ENHANCE EFFICIENCY, TRANSPARENCY AND SUSTAINABILITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHIVAKUMAR SWAMY N.	Ms. ANANYA E. Ms. NIYATHI A. REDDY Ms. SALONI KUMARI Mr. AKASH PATI	3,500.00
1084.	47S_BE_1543	SOLAR WIRELESS ELECTRIC CHARGING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHIVAKUMARA SWAMY S. Prof. PRADEESHA J	Mr. DEVPUKAR CHAUDHARY Mr. VADDE PAVAN Mr. VINAYAK MISHRA	5,500.00
1085.	47S_BE_4027	AUTOMATIC VEHICLE SPEED CONTROLLER AND AVOIDING ACCIDENT IN EXPRESSWAY/HIGHWAY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHIVASHANKAR	Mr. MANOHAR JOSHI NANDIBEVR Mr. ABHISHEK M. Mr. NIKETAN H.	5,000.00
1086.	47S_BE_1231	ADVANCED IOT AND MACHINE LEARNING SOLUTIONS FOR UNDERPASS WATER LOGGING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. BABITHA S. Mr. EEMANUEL	Ms. KRITHIKA A. HEGDE Ms. BHARGAVI N. Ms. DAMINI R. S.	5,000.00
1087.	47S_BE_4663	FABRICATION OF STEREO LITHOGRAPHY MACHINE AND INTEGRATING IT WITH AI	B.E.	MECHANICAL ENGINEERING	Dr. CHANNABASAVARAJ S.	Mr. MAHESH KUMAR MAHATO Mr. TARIF ANSARI Mr. ABHISEK KUMAR THAKUR Mr. AIDRAB DEBBARMA	7,000.00

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299420-R R INSTITUTE OF TECHNOLOGY-BARB0VJCHIK	43,000.00
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER36522273441DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 138. 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.)
1088.	47S_BE_3466	SMART DRIVING AND DRIVER DROWSINESS DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHWETA NIRMANIK	Mr. RAHUL KULKARNI Mr. SHIVAYOGI HIREMATH Mr. VINAYAK MURUDI Mr. PRAJWAL KOLAKAR	5,000.00
1089.	47S_BE_0998	INTELLIGENT STOVE SAFETY SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ASHWINI K.	Mr. MICHEAL ALWYN Ms. SUSHMITA RAJENDRA MAHIPATI Ms. NETRAVATI DYAMAPPA SORATUR	5,000.00
1090.	47S_BE_0001	COMPARISON OF PERFORMANCE AND EMISSION TEST USING BIODIESEL FROM HONGE OIL AND WASTE COOKING OIL IN CI ENGINE	B.E.	MECHANICAL ENGINEERING	Prof. S.N.BEVINAHALLI	Mr. SUMANTHA PATILA Mr. CHETAN BHEEMAPPA ARAHUNASI Mr. MOHAMMAD ANSAB SHAIKH	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	15,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 139. 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.)
1091.	47S_MTech_0096	MICROENCAPSULATION OF PROBIOTICS USING SOY CURD POWDER AND PULLULAN FOR ENHANCED SHELF LIFE	M.Tech	BIOTECHNOLOGY	Dr. A. V. NARAYAN Dr. ASHWANI SHARMA	Ms. ANAGHA K. B. Ms. ANAMALAGUNDAM MAHI	7,000.00
1092.	47S_BE_0797	GREEN SYNTHESIS OF NANO COPPER BASED LUBRICANTS FROM ELECTRONIC WASTE	B.E.	CHEMICAL ENGINEERING	Prof. ANUPAMA V. JOSHI Dr. VINOD KALLUR	Mr. MIHIR PATIL Mr. V. AKSHAY HARIHARAN Mr. MOHAMMED AFZAN	5,500.00
1093.	47S_BE_4906	ASSESSMENT OF BLUE-GREEN-GREY INFRASTRUCTURE FOR SUSTAINABLE DEVELOPMENT OF SELECT WARDS IN BANGLORE	B.E.	CIVIL ENGINEERING	Mr. RAMTHILAK	Mr. PRAVEEN KUMAR D. N. Ms. SRUSHTI K. Ms. SARIPUTI YAMUNA Mr. RAHUL B. DYAMANAGOUDRA	3,500.00
1094.	47S_BE_5093	IMPACT OF CLIMATE CHANGE ON FLOW REGIME OF A RIVER : A CASE STUDY OF CAUVERY	B.E.	CIVIL ENGINEERING	Prof. RAMTHILAK	Ms. MAYANK AGARWAL Ms. CHALLA NEHA Ms. HARSHITHA A. V. Ms. NOOKARAPU SINDHU HARIKA	4,000.00
1095.	47S_MCA_0056	SMART SAHAYAKA: EMPOWERING RURAL HEALTH WITH AI DRIVEN CHATBOT	M.C.A.	COMPUTER APPLICATIONS	Dr. DIVYA T. L. Prof. CHANDRANI CHAKRAVORTY	Ms. NIHARIKA M. Ms. LEANDRA SHANIA ANDERSON	3,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1096.	47S_MCA_0058	BEYOND BOUNDARIES: ENGINEERING JOURNEYS IN RURAL COMMUNITIES THROUGH XR	M.C.A.	COMPUTER APPLICATIONS	Dr. PREETHI N. PATIL Dr. ANDHE DHARANI	Mr. SRIJITH V. Ms. VIBHA T. R. Ms. SINDHU S.	4,000.00
1097.	47S_MTech_0123	DESIGN AND FABRICATION OF ADJUSTABLE MOUNTING FIXTURES FOR MEAN VALUE ARTICULATOR FOR DENTAL APPLICATIONS	M.Tech	MACHINE DESIGN	Prof. GANGADHAR ANGADI Prof. H. N. NARASIMHAMURTHY	Mr. MADHUSURYA K. C.	7,000.00
1098.	47S_MTech_0139	REAL-TIME TOOL LIFE MONITORING USING DIGITAL TWIN, SENSOR INTEGRATION AND AI SIMULATION	M.Tech	PRODUCT DESIGN AND MANUFACTURING	Dr. H. D. GOPALAKRISHNA	Mr. DHANUSH L. PRAKASH Ms. NIDHI B. C.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
THE PRINICIPAL R V COLLEGE OF ENGINEERING	15 Jul 2024	NEFT Dr-P197240335994089- KKBK0008053-THE PRINICIPAL R V COLLEGE OF ENGINEERING-KSCST SPP 47TH SR GRANTS	41,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 140. 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.)
1099.	47S_BE_1365	CURATIONX: ENHANCING DATA CURATION WITH LLAMA 2	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ROOPASHREE SHAILENDRA	Ms. MAHALAKSHMI L. Mr. PRANESH B. Mr. HOZEFA BOHARA Mr. MOON JAIN	5,000.00
1100.	47S_BE_1411	VIBRANTVERSE: BHARAT BAHUBHASHIK SETU	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ROOPASHREE SHAILENDRA	Ms. PALVISHA CHANGKAKATI Mr. AASHISH RAMANA S. Ms. ADITI UMESH NAYAK Mr. PRANSHU SINHA	4,500.00
1101.	47S_BE_1805	BREAKING LANGUAGE BARRIERS: A GLOBAL TRANSLATION INITIATIVE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ROOPASHREE SHAILENDRA	Mr. SAMYAK TANTRADI Ms. SHRESTA BEKINAL Ms. KUSUMA L. Mr. ANAND PATEL	4,500.00
1102.	47S_BE_1998	EMBEDDED SMART SHOES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. NATARAJ A. VIJAPUR	Mr. JAYANTHI PAVAN SATHVIK Mr. ANKIT PARAM Ms. GREESHMA BHARATH Ms. UMA GURUPRASAD	5,000.00
1103.	47S_BE_4960	ENVISION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KIRANKUMAR K.	Mr. NAVEEN KRISHNA BHAT S. Mr. VISHAL ANIL BAJPAI Mr. SHASHANK DEVASHEETY Mr. MUDIT KUSHWAHA	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1104.	47S_BE_3558	PERFORMANCE INVESTIGATION OF EVACUATED TUBE SOLAR COLLECTOR USING NANO FLUIDS FOR HEATING APPLICATIONS	B.E.	MECHANICAL ENGINEERING	Dr. LOKESH P. Dr. C. SOLAIMUTHU	Mr. SHASHANK KARIGOWDA Mr. DEVA ADITHYA BOBBY Mr. PUNITH SIDDAYA GOWDA	5,500.00
1105.	47S_BE_3926	DESIGN AND DEVELOPMENT OF DRONE WITH A SINGLE ARM 3-D OF ROBOTIC MANIPULATOR	B.E.	MECHANICAL ENGINEERING	Dr. RAMESH S.	Mr. VISHNU PETKAR Mr. SHOBIT MAHATO Mr. MANOJ KUMAR E.	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	R.V. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BENGALURU	28-05-2024	NEFT Dr-P149240325299421-RASHTRIYA SIKHSANA SAMITHI TRUST-SBIN0004408	31,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273671DC	4,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 141. 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.)
1106.	47S_BE_4577	DEVELOPMENT OF NLP-POWERED SEMANTIC ANALYSIS FOR DOCUMENT UNDERSTANDING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. DEEPA K. R.	Mr. VENKATESH K. Mr. NARESH A. Mr. SRUJANSHEEL M. S.	5,000.00
1107.	47S_MCA_0070	CITY CULTIVATOR: SMART URBAN FARMING TECH	M.C.A.	COMPUTER APPLICATIONS	Mr. DEERAJ C. Dr. T. SUBBURAJ	Mr. LAKSHMI KANTHA T. M. Mr. NAGENDRA KUMAR K. S. Mr. NIRMAL RAO S. Mr. KIRAN KUMAR S.	5,000.00
1108.	47S_BE_4227	FINDING SUSPECT AND MISSING PERSON THROUGH CCTV FOOTAGES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. D. KIRUBHA	Mr. SHIVAKUMAR B. S. Mr. SHREENIDHI P. Mr. SANGAMESH	5,500.00
1109.	47S_BE_4880	GESTURE CONTROLLED MISSILE LAUNCH USING ZIGBEE AND ARDUNIO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. UDHYAMI M. B.	Ms. SEETHA LAKSHMI PEROTH Ms. RIDA SHARIFF A. Ms. SHIVAMANI C. R.	5,000.00
1110.	47S_BE_0712	AUTISM CARE SYSTEM FOR IMPROVING COGNITIVE ABILITY OF CHILDREN USING AI AND IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. M. VIJAYA	Mr. MOHAMMED TAHIR HUSSAIN Ms. PRUTHVI SHREE S. N. Ms. RAKSHA M. Mr. UJWAL E.	5,000.00

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1111.	47S_BE_1773	SMART STROKE PREDICTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. V. SREEPATHI Prof. SURESH M.	Ms. POORNIMA R. Mr. AKSHAY KUMAR R. Mr. DEEPAK L. Ms. DHANUSHREE N. A.	5,000.00
1112.	47S_BE_1864	SMART SELF DEFENCE BAND FOR WOMEN SAFETY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. DEEPIKA J. Prof. HARITHA K. SIVARAMAN	Ms. AISHWARYA M. Mr. K. JAI AKHIL Ms. LIKITHA S. Mr. RAKSHITH S.	3,500.00
1113.	47S_BE_3240	INNOVATION IN TRAIN DEFECT RESOLUTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. AJAY M. Prof. SANTOSH CHAVAN	Ms. KALPITHA R. GOWDA Mr. JATHIN B. R. Mr. SRINIDHI R. K. Mr. M. SHIVA KRISHNA	5,500.00
1114.	47S_BE_4619	DETECTION OF ATTACKS IN NETWORK USING MACHINE LEARNING ALOGITHMS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. SINCHANA M. N.	Mr. VIJAY G. Mr. SAGAR D. Mr. SATHWIK C. B.	3,500.00
1115.	47S_BE_4660	BRAIN TUMOR DETECTION AND CLASSIFICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. SINCHANA M. N.	Mr. LOHITH T. V. Mr. RAVI KUMAR N. Mr. ROHAN S.	3,500.00
1116.	47S_BE_4851	DETECTION OF CARDIAC ARRHYTHMIA	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. DINESHKUMAR M.	Mr. AMOGH M. Mr. CHIRAG G. J. Mr. KUSHAL K.	3,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

*Transaction Details:*

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299422-RAJARAJESWARI COLLEGE OF ENGINEERING-ICIC0002637	35,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER	15,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 142. 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.)
1117.	47S_BE_1856	CARICA PAPAYA AND TAMARINDUS INDICA AS NATURAL COAGULANT FOR TREATMENT OF WASTE WATER FROM FOOD INDUSTRY	B.E.	CIVIL ENGINEERING	Mr. MANJUNATH H. S.	Mr. DARSHAN S. S. Mr. ABHSHEK H. M. Mr. KIRAN B. M.	4,500.00
1118.	47S_BE_2930	PREDICTION OF PADDY GROWTH USING MACHINE LEARNING TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SAHANA G. C. Mr. GANAPATHI AVABRATH	Ms. PRAGATHI M. P. Ms. ROHINI H. K. Ms. RIYA J. SINTRE Ms. YASHASWINI J. S.	4,000.00
1119.	47S_BE_2401	AUTOMATED SHOPPING TROLLEY FOR SUPER MARKET BILLING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. VELU A.	Mr. JEEVAN M. M. Mr. DARSHAN H. M. Mr. VINAYPRASAD H. M. Ms. SAHANA S. M.	5,500.00
1120.	47S_BE_3329	IDENTIFICATION OF BEST MULTILEVEL INVERTERS WITH THE ANALYSIS OF DIFFERENT TOPOLOGY TO REDUCE THD REDUCTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. NAGENDRA PRASAD H. K.	Mr. DAYANANDA M. K. Mr. SUKOUSHIK V. C. Mr. SHASHANK H. Y.	4,000.00
1121.	47S_BE_2412	AUTOMATED TRAIN SYSTEM AND SPEED CONTROL SYSTEM FOR AUTOMOBILES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. REKHA M. G Mr. ROHITH P.	Mr. SWAGATH B. J. Mrs. AISHWARYA Mrs. POORVIKA H R Mrs. RASHMITHA S.	5,500.00
1122.	47S_BE_1824	ENHANCING BRAIN TUMOR IDENTIFICATION THROUGH CONVOLUTIONAL NEURAL NETWORK ON MRI IMAGES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PRATHIBHA G. Mr. ANIL KUMAR K. N.	Ms. MUKTHI A. Ms. BHOMIKA M. Ms. RUCHITHA J. L. Ms. THANUSHREE H. G.	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1123.	47S_MBA_0108	SANJEEVINI - FOR AGRICULTURAL SUSTAINABILITY	MBA	MARKETING	Prof. BHAVANI B. S. Mrs. PRIYA H. V.	Mr. SHANTHI PRIYA K. B. Mr. SHARATH R. N. Ms. POONAM Y. KITTUR Ms. SMITHA H. C.	3,000.00
1124.	47S_BE_1739	PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENGINE USING METHYL ESTER OF TERMINALIA BELLIRICA OIL AND BLENDED DIESEL AT DIFFERENT INJECTION OPENING PRESSURE	B.E.	MECHANICAL ENGINEERING	Dr. DHANANJAYA D. A. Dr. KULDEEP B.	Mr. AKSHAY K. S. Mr. DHANUSH H. C. Mr. GOWTHAM V. R.	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	32,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273681DC	5,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 143. 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.)
1125.	47S_BE_3132	SHIKSHAKENDRA - THE EPITOME OF EDUCATIONAL ELEGANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. RUBY CHAUHAN	Mr. KUMAR MUKTESHWAR Ms. R. SADIYA Ms. RABIYA KOUSER R.	4,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 144. 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.)
1126	47S_BE_3768	HARNESSING NON-THERMAL PLASMA IN AGRICULTURE: UNDERSTANDING ITS INFLUENCE ON SEEDS AND PLANT PHYSIOLOGY	B.E.	BIOTECHNOLOGY	Dr. PRIYADARSHINI DEY	Mr. SUHAN G. H. Ms. ANSHUMAN V. Mr. S. CHANDRAMOULI Ms. SANGEETHA P. A.	5,500.00
1127	47S_BE_4490	VARIATIONS OF EHEC POLYMER MEMBRANE FOR PERVAPORATION: COMPOSITION, EFFECTS AND PERFORMANCE EVALUATION	B.E.	CHEMICAL ENGINEERING	Dr. ASHWINI WALI	Ms. SPANDANA SAMYUKTHALAKSHMI MENTHA Mr. YASH MISRA Mr. ABHIJOY GHOSAL Mr. PRIYANSHU YADAV	5,000.00
1128	47S_BE_4298	RESILIENT MODULUS OF GEOSYNTHETIC REINFORCED RECYCLED AGGREGATES	B.E.	CIVIL ENGINEERING	Dr. ASHA M. NAIR	Mr. CHANDRA SHEKAR V. Mr. KIRAN H. S. Mr. BASAVARAJ BIRADAR Mr. RAHUL	4,000.00
1129	47S_MTech_0036	SMART ASSISTIVE DEVICE: AI-DRIVEN OBJECT RECOGNITION AND WIRELESS CONNECTIVITY FOR THE VISUALLY IMPAIRED	M.Tech	COMPUTER NETWORKING	Dr. SANGEETHA V. Prof. MAMATHA A.	Ms. KOMAL S. ROKHADE	5,500.00
1130	47S_MTech_0074	MEDICAL TRAINING USING VIRTUAL REALITY	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. S. RAJARAJESWARI	Ms. ALISHA AHMED	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1131	47S_BE_4590	IMPROVED CHEST X-RAY DIAGNOSIS USING DEEP LEARNING FOR MULTI-CLASSIFICATION OF PATHOLOGIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. PRADEEP KUMAR D. Dr. ANITA KANAVALI	Mr. S. D. HRUDHAY Mr. SAJAL SRIVASTAVA Mr. SAMYAK JAIN Mr. SHASHANK SINGH	4,500.00
1132	47S_MTech_0120	REDEFOG REAL TIME DETECTION OF FREEZING OF GAIT IN PARKINSONS PATIENTS USING CNN BASED SYSTEM	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Mr. PRADEEP KUMAR D.	Mr. ASHVIN VINCENT	5,000.00
1133	47S_BE_2177	IOT BASED SAFETY DEVICE FOR DEMENTIA PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MAMTHA MOHAN	Ms. SRIGOURI ANEGUNDI Mr. SALIQ ARSHID Mr. SHAFKAT BANO Mr. YUVRAJ SINGH	5,000.00
1134	47S_BE_2124	INNOVAGE: REVOLUTIONIZING ELDER CARE THROUGH INTEGRATED HEALTH MONITORING AND EMERGENCY RESPONSE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. NISHI SHAHNAJ HAIDER	Ms. ALANKRITI JAIN Mr. ANSH JAIN Mr. PRATYUSH SINHA Mr. SHASHANK TIWARI	5,500.00
1135	47S_BE_1197	CARBONATE BASED CONVERSION COATING ON MG ORTHOPAEDIC IMPLANTS : IN VITRO STATIC AND FLOW DEGRADATION STUDIES	B.E.	MECHANICAL ENGINEERING	Dr. PRAKRATHI S.	Mr. K. MANJUNATH Mr. CHANDAN KUMAR KATTE M. Mr. VIVEK MURTHY Mr. HARSHA VARDHAN B.	7,000.00
1136	47S_BE_5173	RETROGRESSION AND REAGING EFFECT ON THE STRESS CORROSION AND FATIGUE BEHAVIOUR OF AL7050-B4C AEROSPACE COMPOSITES	B.E.	MECHANICAL ENGINEERING	Dr. RAJENDRA P.	Mr. SANKETH M. PATIL Mr. YATHIN K. M. Mr. SURESHA P. N. Mr. RITHIK D. JAIN	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1137	47S_MTech_0019	INFLUENCE OF NANO-SILICA, MAGNESIUM OXIDE AND ALUMINA ON EFFLORESCENCE BEHAVIOUR OF LOW CALCIUM ALKALI ACTIVATED MATERIALS	M.Tech	STRUCTURAL ENGINEERING	Dr. LAKSHMIKANTH S.	Ms. TAHA MISBA	5,500.00
1138	47S_MTech_0028	CHARACTERIZATION OF MECHANICAL PROPERTIES OF PAVEMENT QUALITY CONCRETE INCORPORATED WITH SUSTAINABLE FLY ASH AGGREGATES	M.Tech	STRUCTURAL ENGINEERING	Dr. LAKSHMIKANTH S. Dr. VIVEK R. DAS	Mr. MOHAMMED SAQIB	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299423-PRINCIPAL MSRIT-BARB0VJMSRI	52,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273541DC	16,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 145. 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.)
1139.	47S_MSC_0013	BIOGENIC SYNTHESIS OF NITROGEN DOPED CARBON QUANTUM DOTS FOR THE TREATMENT OF TEXTILE EFFLUENTS AND DYE DEGRADATION	M.Sc	CHEMISTRY	Prof. K. KANTHARAJU	Mr. SHARANABASAVA MALIPATIL Ms. SUSHMA MUGALI Ms. SANGEETA TALAWAR	7,000.00
1140.	47S_MSC_0015	DESIGN, SYNTHESIS, CHARACTERIZATION AND APPLICATIONS OF DOPED (SCQDS AND PCQDS) AND UNDOPED CARBON QUANTUM DOTS (CQDS)	M.Sc	CHEMISTRY	Prof. K. KANTHARAJU	Ms. MANJUSHA BADIGER Ms. ALFIYA SAYYAD Ms. JAYASHRI N PATIL	7,000.00
1141.	47S_MSC_0024	ADVANCING BIOSENSOR TECHNOLOGY USING POLYMER -METAL OXIDE COMPOSITES	M.Sc	CHEMISTRY	Dr. VIDYASAGAR C. C.	Mr. SIDRAMAPPAGOUDA K PATIL Ms. MEENAKSHI S. KUMBAR Ms. BHAGYASHREE S. BHAJANTRI	7,000.00
1142.	47S_MSC_0031	SILVER/GRAPHENE OXIDE AND SILVER OXIDE/GRAPHENE NANOCOMPOSITES FOR FUEL CELL APPLICATION	M.Sc	CHEMISTRY	Dr. P.M.GURUBASAVARAJ	Ms. ANJALI M. DATTAWADE Mr. SOMANNA	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1143.	47S_MSC_0026	NATURALLY DERIVED FLUOROSCENCE COPPER AND SILVER QUANTUM DOTS FOR CATALYTIC REDUCTION OF HARMFUL ORGANIC INDUSTRIAL EFFLUENTS	M.Sc	NANOCHEMISTRY	Dr. P.M.GURUBASAVARAJ	Ms. SUSMITA M. TUPALE Mr. MEGHRAJ M OULKAR	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
RANI CHANNAMMA UNIVERSITY, BELAGAVI	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	35,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 146. RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1144.	47S_BE_5243	SOLAR SEA WATER DESALINATION MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. S. KOTRESH Mr. VINAY HAVINAL	Ms. SHEETAL FATHIMA LOPES Ms. AMBIKA K. Mr. PRAMOD KUMAR R. V. Mr. NAVEEN GOUDA R. V.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	15-05-2024	NEFT Dr-P136240322802691-PRINCIPAL-PKGB0010884	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 147. 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.)
1145.	47S_BE_0011	SMART TEMPERATURE AND HUMIDITY TRACKING SYSTEM USING IOT	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. G. ARULKUMARAN	Mr. C. S. S. VENKAT Mr. BORRA BHAVESH REDDY	5,000.00
1146.	47S_BE_0017	AI-POWERED MODEL FOR ARECA NUT QUALITY ANALYSIS AND DISEASE DETECTION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SINDHU P. MENON	Mr. CHETHAN Ms. ANAGHASHREE RANGADHOL R. Ms. SIRISHA S. YADAV Mr. MAHANTESH HUNAKUNTI	5,500.00
1147.	47S_BE_0055	DESIGN OF AN AI-ENABLED CRIME VALUE INDEX EVALUATION SYSTEM FOR GEO-LOCATION BASED ON CRIME DATA ANALYSIS	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ARUL KUMARAN	Mr. FRANKLYN EMMANUEL Mr. JOEY TOBGYE SHAH Mr. SHREYAS MAGADUM	2,500.00
1148.	47S_MSC_0009	INTEGRATED PEST MANAGEMENT STRATEGIES AND ESTERASE ANALYSIS FOR CONTROLLING FALL ARMYWORM INFESTATIONS IN GRAMINAEAE CROPS : A STUDY ON THE ROLE OF TEPHROSIA PURPUREA AND PORTULACA OLERACEA EXTRACTS .	M.Sc	BIOCHEMISTR Y	Dr. SHARADAMMA N. Dr. RAMESHKUMAR KUSHWAHA	Ms. C. SUDHA MAYU Ms. SUSHMA SUNKAD Mr. GANESH K. L.	7,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1149.	47S_MSC_0040	MICROPLASTIC DEGRADATION USING SALT TOLERANT BACTERIAL ISOLATES	M.Sc	BIOTECHNOLOGY	Dr. HEVAMAVATHI	Ms. PAVITHRA S. Ms. PRITHVIKA R. Ms. PRIYANKA S	5,500.00
1150.	47S_MSC_0123	DESIGNING AND DEVELOPMENT OF A BIOPESTICIDE MICROENCAPSULATION TRAPS USING INDIGENOUS HERBAL PLANT EXTRACT ON AGRICULTURAL CROP PESTS IN KARNATAKA.	M.Sc	BIOTECHNOLOGY	Dr. NEETHU B. K. Dr. YUVASHREE M.	Ms. NIVETHA P. Ms. PRAVEENA P. Ms. VAISHNAVIKIRAN MALGE Ms. ISHA RAJUBHAI PATEL	6,500.00
1151.	47S_BE_3175	COST OPTIMIZATION OF CEMENT CONCRETE PAVEMENT USING TREATED RECYCLED CONCRETE AGGREGATES	B.E.	CIVIL ENGINEERING	Dr. NANDINI D. N. Dr. KANNAM PRAVEEN	Mr. SWARAN R. Mr. M. K. RAHUL NAIK Mr. VINOD N. Mr. PRAJWAL	3,500.00
1152.	47S_BE_3459	TREATMENT OF GREY WATER WITH BIOCHAR USING HORIZONTAL FLOW CONSTRUCTION WETLAND	B.E.	CIVIL ENGINEERING	Dr. VINOD N. TAMBURI Dr. PRAVEEN MATH	Ms. NAVYA M. Mr. NAVEENAKUMAR HIREMATH Mr. SANJAY Mr. KIRAN	4,000.00
1153.	47S_MCA_0057	DEVELOPING A VISION-BASED HEART ATTACK DETECTION SYSTEM FOR VEHICLES, TO IMPROVE ROAD SAFETY AND PASSENGER WELL-BEING	M.C.A.	COMPUTER APPLICATIONS	Dr. HEMANTH K. S.	Ms. RITIKA MANJUNATH NETALKAR Mr. SURYA M. M.	5,000.00
1154.	47S_BE_0059	SOCIAL MEDIA SENTIMENT ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. GEETHA D.	Ms. R. NISARGA Mr. MANTESH M. C. Mr. MANISH B. R. Mr. PUSHPAK KUMAR P.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1155.	47S_BE_0724	AI - POWERED VISUAL ASSISTANCE: DEVELOPING AN ANDROID APPLICATION FOR ENHANCED ACCESSIBILITY IN THE VISUALLY IMPAIRED COMMUNITY.	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. CHAITHRA M. H.	Mr. AKSHAY WALI Mr. T. A. DHEERAJ GOWDA Mr. MANOJ OMPRAKASH HULLI Mr. MANJUNATH S.	5,000.00
1156.	47S_BE_0836	HARVEST HARMONY: CULTIVATING YIELD WITH AN INTELLIGENT CROP RECOMMENDATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. B. MUTHU KUMAR	Mr. PRASANNA KUMAR SHETTY Mr. M. VENKATESH Ms. PUSHPA N.	5,000.00
1157.	47S_BE_0918	AUTONOMOUS VEHICLE COLLISION AVOIDANCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHILPA V.	Ms. BHANU PRIYA J. S. Ms. BHAVYA SHIVANI Ms. LAVANYA C. S.	5,000.00
1158.	47S_BE_0950	SMART VEHICLE SURVEILLANCE SYSTEM FOR CRIME PREVENTION USING MACHINE LEARNING AND INDUSTRIAL IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NIKHIL S. TENGLI	Mr. SPANDAN D. KOTYAN Ms. SNEHA S. PATIL Ms. PRIYADARSHINI J.	5,000.00
1159.	47S_BE_1278	SMART ASSISTIVE FRAMEWORK FOR BLIND, DEAF AND DUMB PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANOOJA ALI	Ms. JAHANVI B. S. Ms. HEMA PRIYA A. Ms. ISHA Y. Ms. KUSUMA G.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1160.	47S_BE_1512	ANALYSIS AND DETECTION OF AUTISM SPECTRUM DISORDER(ASD) USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. M. SHOBHA RANI	Mr. KADAPA KARIM Mr. ALLURI VENKATA SAI Mr. DHEERAJ RAGHAVENDRA TARAK M. Mr. JOGI OM SAI SANTOSH	5,000.00
1161.	47S_MTech_0037	EARLY DETECTION OF ALZHEIMERS DISEASE USING COGNITIVE FEATURES A VOTING BASED ENSEMBLE MACHINE LEARNING AND DEEP LEARNING APPROACH	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Dr. K. AMUTHABALA	Ms. NAVYASHREE	4,500.00
1162.	47S_BE_2176	SEWAGE MONITORING AND BLOCKAGE DETECTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VIVEK SHARMA S.	Ms. KAVYA S. Ms. RAMYA M. S. Mr. MURALI D.	4,000.00
1163.	47S_BE_2534	AGRICULTURE ASSISTANT USING LLM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRUTHI G.	Mr. DILEEP CHANDRU S. Mr. DIDONEHAL N. GOWDA Mr. SRIKANTH G. Mr. AKSHAY T.	2,500.00
1164.	47S_BE_3194	MORSE CODE BASED SECURE AUTHENTICATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NAYANA R.	Mr. SHASHANK S. RAICHUR Ms. SHREYANKA S. B. Mr. SHASHANK M. Mr. ABHISHEK R.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1165.	47S_BE_5437	AI- ASSISTED TELE-MEDECINE PORTAL FOR RURAL INDIA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ARGHA SARKAR	Ms. AISHWARYA S. HIREMATH Mr. SUHAS M. C. Ms. WAMIKA S. Mr. YALLALING	5,000.00
1166.	47S_BE_3725	SECURED FILE TRANSMISSION FOR PRINTING USING WIFI	B.E.	COMPUTER SCIENCE AND ENGINEERING - INFORMATION SECURITY	Prof. ARATI CHABUKSWAR	Ms. MEGHADARSHINI S. Mr. MANOJ GOWDA V. Mr. VINAY KUMAR C. N. Ms. LEELAVATHI C.	5,000.00
1167.	47S_MSC_0092	INTEGRATING NEURO-SYMBOLIC AI FOR ACCURATE BRAIN TUMOR DETECTION IN MRI IMAGING	M.Sc	DATA SCIENCE	Dr. HEMANTH K. S.	Ms. TIGULLA DEEPIKA Ms. VIDYA LAKSHMI	2,500.00
1168.	47S_MSC_0138	TIME SERIES-BASED ANALYSIS OF ENERGY CONSUMPTION: FORECASTING AND ANOMALY DETECTION USING MODIFIED LSTM AND ISOLATION FOREST	M.Sc	DATA SCIENCE	Dr. RAJEEV RANJAN	Ms. MADHU SHREE M. Ms. DECHAMMA M. P.	3,000.00
1169.	47S_MSC_0159	TOMATO LEAF DISEASE CLASSIFICATION USING TRANSFER LEARNING MODELS	M.Sc	DATA SCIENCE	Mrs. VIJAYALAXMI P. CHINIWAR	Mr. DHANUSH RAJU C. M. Ms. S. N. OHILA	3,000.00
1170.	47S_BE_0012	THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE BATTERY BANK: IMPROVING PERFORMANCE AND SAFETY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. BANSILAL BAIRWA	Mr. GNANDEEP B. G. Ms. GAGANASHREE S. Mr. ROHAN S.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1171.	47S_BE_0644	DUAL AXIS SOLAR TRACKER USING ARDUINO UNO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. K. NARAYANA SWAMY	Mr. NANDINI A. Ms. POOJITHA S. Ms. MONIKA N. Ms. THANUSHREE Y. S.	5,000.00
1172.	47S_MTech_0008	COMPARATIVE ANALYSIS OF INTELLIGENT CONTROL TECHNIQUES FOR POWER QUALITY IMPROVMENT IN INDUSTRIAL DRIVES	M.Tech	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr.BHARGAVI K. M.	Ms. SHARANYA P. L. Mr. LOHITH C. R. Ms. SAGARIKA B. S.	3,000.00
1173.	47S_BE_0874	REAL TIME CRACK DETECTION USING AI	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DODDABASAPPA N. Ms. SEEMA MAGADUM	Mr. PAVAN KUMAR G. Ms. A. P. MONISHA Mr. PRAPUL T. P. Mr. MOHAMMED AFRIDI	5,000.00
1174.	47S_BE_1750	TESLA TOWER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SUDHAKAR RAO P.	Mr. DEVANSH KANSAL Mr. ADITYA SINGH Mr. GOWTHAM GOWDA H. R.	5,000.00
1175.	47S_BE_2042	LIDAR BASED SELF DRIVING CAR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. MAHESH KUMAR -	Ms. P. SRUJANA Ms. NAMITHA G. S. Ms. SHRUTHI SHRIDHAR	5,500.00
1176.	47S_BE_2513	SMART MONITORING OF ENERGY METER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. ARPITA BANIK	Mr. NISHANTH GOWDA K. R. Mr. ROOPESHA K. L. Mr. SANGAMESH Mr. VINAY KUMAR S. N.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1177.	47S_BE_2533	UNMANNED SMART FIRE FIGHTING SYSTEM FOR FOREST AND WILDLIFE PROTECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. ASHWINI KUMARI P. Dr. BANSILAL BAIRWA	Mr. KIRAN Y. S. Mr. KARAN P. Mr. GAGAN K. Mr. MANONAR N.	5,500.00
1178.	47S_BE_2791	REAL TIME SOLAR EMULATOR MODULE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. ASHWINI KUMARI P.	Mr. HANAMANTARAYA S. Mr. ABHISHEK REDDY Mr. DEEPAK S. M.	5,500.00
1179.	47S_BE_3083	DESIGN AND CONVERSION OF IC ENGINE INTO HYBRID VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. PAVAN B.	Ms. MALA C. S. Ms. K. YOGESWARA REDDY Ms. SUPRAJA B. Ms. CHIDRE PRATHIKSHA	5,500.00
1180.	47S_BE_3115	DESIGN-DEVELOPMENT AND ANALYSIS OF CN2R-PI CONTROLLER ENABLED 5KWATT DFIG (WIND ENERGY) FOR ENSURING UNINTERRUPTED ENERGY SUPPLY IN CRITICAL MILITARY OPERATIONS.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. RITESH DASH	Mr. L. INDRA Ms. VAIBHAVI CHANABASU KATATE Ms. NAMRATHA S. Ms. LAXMI SADANAND HANJAGI	5,500.00
1181.	47S_BE_5010	CONNECTED DRIVE GUARD : A SMART IOT FRAM WORK FOR ENHANCED VEHICAL SAFETY AND MONITORING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. GOPINATH A.	Mr. CHETHAN G. Mr. SACHIN B. V. Mr. CHETHAN S. Ms. ASHWINI S.	5,000.00
1182.	47S_BE_3983	DESIGN AND DEVELOPMENT OF AUDIO DATASET FOR A DIFFERENT APPLICATIONS OF SPEECH TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICAT ION ENGINEERING	Dr. BHARATH K. P.	Ms. APOORVA G. Ms. ANANYA S. Mr. MOHAN BABU T. N.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1183.	47S_BE_4294	SOLAR ENERGY HARVESTING LDO'S FOR WEARABLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PALLAVI R.	Mr. MAHABALESH H. Mr. MANAV J. Mr. IRUGULA ESHWAR REDDY V. Mr. BALAVENKATAGIRI MUNI KUMAR REDDY	5,500.00
1184.	47S_BE_4995	NOISE TO ELECTRICITY GENERATOR FOR CHARGING ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. DILNA U.	Ms. KARANAM NIKSHITHA Ms. GANJIKUNTA CHETHANA Ms. M. SRAVYA Mr. AVULURI NAGARJUNA REDDY	3,000.00
1185.	47S_BE_4744	SAMBHAVANA AI: TONE ANALYSIS FOR EMOTIONAL WELL BEING FOR ELDERLY PERSON	B.E.	ELECTRONICS AND COMPUTER ENGINEERING	Dr. CHAYA RAVINDRA	Mr. MANU N. R. Mr. MANOJ S. Mr. LOHITH S. Mr. MOHAN T. S.	5,500.00
1186.	47S_BE_4781	WIRELESS CHARGING FOR ELECTRIC CARS IN PARKING STATION	B.E.	ELECTRONICS AND COMPUTER ENGINEERING	Dr. PRABHAKAR M.	Mr. T. VENKAT CHARAN Mr. AJAY KUMAR M. J. Mr. BHANU PRAKASH N. Mr. RAVI KUMAR	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1187.	47S_MTech_0110	HARDWARE IMPLEMENTATION OF NOC TOPOLOGIES	M.Tech	ELECTRONICS AND COMPUTER ENGINEERING	Dr. SANJU V.	Mr. CHURANTA MONDAL Ms. CHANDANA C. SAVALGIMATH Mr. SIDDARTH SANGAVI	5,000.00
1188.	47S_MSC_0198	POLY (METHYL METHACRYLATE) / CARBON NANOTUBE / GRAPHENE COMPOSITES BASED CONDUCTING INK FOR PRINTING CIRCUITS ON PAPER AND POLYMER SHEETS USING INKJET PRINTER	M.Sc	ELECTRONICS AND COMPUTER ENGINEERING	Dr. D. PRAKASHBABU Dr. M. PRAVEEN	Ms. SUPREETH S. B. Ms. DHANMINI R. Ms. RAJASHREE ROY	7,000.00
1189.	47S_MCA_0071	CLOUD COMPUTING AND DEEP LEARNING ASSISTED INTRUSION DETECTION SYSTEM FOR INTERNET OF MULTIMEDIA THINGS (IOMT).	M.C.A.	ELECTRONICS AND COMPUTER ENGINEERING	Dr. RAJEEV RANJAN	Ms. DIANA URS T. J. Mr. ABHISHEK G.	5,000.00
1190.	47S_BE_0083	BIOMETRIC ACCESS CONTROL: FACIAL RECOGNITION AND QR CODE BASED SECURITY SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. RAVISHANKAR GOWDA Dr. SANDHYA G.	Mr. VISHAL YOGISH RAO Mr. NISHANT RAWAT Ms. SINDHUJA CHOWDARY	5,000.00
1191.	47S_MBA_0055	NAMMA SMART GARBAGE MONITORING SYSTEM (NSGMS)	MBA	MBA	Dr. NANTHINI M. Mr. VINUMON V. S.	Ms. KUSUMA U. Ms. MAHALAKSHMI K. P. Mr. JIGAR AJAY SHA Mr. KESHAV S.	5,000.00
1192.	47S_BE_2092	DESIGN AND ANALYSIS OF HYDRO JETTING NOZZLE	B.E.	MECHANICAL ENGINEERING	Dr. NIKHIL RANGASWAMY	Mr. CHIRAG GOWDA P. Mr. RAHUL C. REDDY Mr. S. VISHAL	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1193.	47S_BE_2319	DESIGN AND DEVELOPMENT OF AUTOMATED WATER SURFACE CLEANING DEVICE FOR LAKES AND PONDS	B.E.	MECHANICAL ENGINEERING	Prof. SRINIVAS S.	Mr. MANOJ D. S. Mr. M. NIDHEESH PATEL Mr. TEJASWI G. M. Mr. KUNAL MUTHA	5,500.00
1194.	47S_BE_2693	TO DEVELOP MULTIPURPOSE AGRI VEHICLE TO REDUCE THE FARMERS EFFORT	B.E.	MECHANICAL ENGINEERING	Dr. SHAMANTH V. Dr. AVINASH S.	Mr. ANUDEEP KUMAR P. R. Mr. JEEVAN GOWDA T. Mr. CHETHAN M. Mr. NITHESH PRASAD H.	5,500.00
1195.	47S_BE_2777	DESIGN AND FABRICATION OF SOLAR POWERED SMART GARDEN CLEANER	B.E.	MECHANICAL ENGINEERING	Prof. KARTHIK S.	Mr. SRINATH S. Mr. YASHWANTH N. Mr. SUDARSHANA A. D. Mr. HARSHA C.	5,500.00
1196.	47S_BE_3055	DESIGN AND FABRICATION OF TREE PLANTATION MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. MADHU B. P.	Mr. VEERABHADRA S. RONAD Mr. B. SUHAS PATIL Mr. CHARAN D. Mr. RAHUL S. K.	5,500.00
1197.	47S_BE_3160	DEVELOPMENT OF IOT BASED LOW COST 3D PRINTER	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATH G. K.	Mr. P. MANOJ KUMAR Mr. RAVINDRA MEKA Mr. MOHAMMED SAFVAAN NIHAL Mr. MOHAMMED ALI AFZAL KOUNNAIN	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1198.	47S_BE_5323	IOT BASED LOW COST ELECTRIC MOBILITY VEHICLE	B.E.	MECHANICAL ENGINEERING	Dr. MANJUNATH G. K.	Mr. NARENDRA G. Mr. ARAVINDA K. S. Mr. DEEPAK T. M. Mr. HARSHITH GOWDA K. R.	5,500.00
1199.	47S_BE_5482	DESIGN AND DEVELOPMENT OF MULTIPURPOSE -CROP CUTTING MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. MADHU B P	Mr. HARSHAVARDHAN REDDY M. Mr. DARSHAN R. Mr. MUKUNDA B. Mr. NANDISH A.	7,000.00
1200.	47S_BE_2292	DESIGN AND FABRICATION OF VERTICAL TAKE OFF AND LANDING AIRCRAFT	B.E.	MECHATRONICS ENGINEERING	Dr. VIJEE KUMAR	Mr. YASHASS E. Mr. SUMITH B. L. ULINA Mr. THANUSH R. Mr. VISHAL B. N.	5,500.00
1201.	47S_BE_3250	GO-KART USING HYBRID POWER SOURCE	B.E.	MECHATRONICS ENGINEERING	Dr. A. G. KARTHIKEYAN	Mr. HANUMANTHA Y. Mr. CHARAN KUMAR N. Mr. KARAN NARENDRA	5,500.00
1202.	47S_MSC_0072	BIODEGRADATION OF CIPROFLOXACIN USING MICROBIAL APPROACH	M.Sc	MICROBIAL TECHNOLOGY	Dr. ANKITA CHATTERJEE	Ms. PRIYANSHI KALKHUDIYA	6,500.00
1203.	47S_MSC_0220	DEVELOPMENT OF CARBON QUANTUM DOTS - NANOCOMPOSITES FOR WASTE WATER TREATMENT	M.Sc	PHYSICS	Dr. SUNITHA D. V.	Mr. MAHESHWAR PATIL Ms. NANDITHA E. Ms. DEEPTHI G.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1204.	47S_MTech_0006	OPTIMAL PLANNING AND OPERATION OF GRID-CONNECTED PV/CHP/BATTERY ENERGY SYSTEM CONSIDERING DEMAND RESPONSE AND ELECTRIC VEHICLES FOR A MULTI-RESIDENTIAL COMPLEX BUILDING	M.Tech	POWER AND ENERGY SYSTEMS	Dr. RITESH DASH Dr. K. JYOTHEESWARA REDDY	Ms. MISBA FATHIMA	5,000.00
1205.	47S_MTech_0007	DESIGN AND DEVELOPMENT OF PI CONTROLLER FOR DFIG GRID INTEGRATION USING NEURAL TUNING METHOD ENSEMBLED WITH DENSE PLEXUS TERMINALS	M.Tech	POWER AND ENERGY SYSTEMS	Dr. K. JYOTHEESWARA REDDY Dr. RITESH DASH	Ms. ANUPALLAVI L.	5,000.00
1206.	47S_MTech_0089	SUSTAINABILITY EVALUATION AND MODELLING OF INTEGRATION BETWEEN METRO AND FEEDER BUSES: A CASE STUDY OF BENGALURU CITY METRO IN INDIA	M.Tech	TRANSPORTATION ENGINEERING	Dr. SEELAM SRIKANTH REDDY	Ms. GAGANA M. R.	4,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	REVA UNIVERSITY, BENGALURU	28-05-2024	NEFT Dr-P149240325299424-REGISTRAR, REVA UNIVERSITY-KARB0000666	2,81,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273551DC	28,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 148. S.D.M. COLLEGE OF BUSINESS MANAGEMENT, POST GRADUATE CENTRE FOR MANAGEMENT STUDIES AND RESEARCH, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1207.	47S_MBA_0065	EXPLORING THE ISSUES INVOLVED IN DISPOSAL OF SANITARY PADS AND CHALLENGES OF MENSTRUAL HEALTH	MBA	MBA	Dr. PRAMEELA S. SHETTY	Ms. SHREYAS Mr. MANISH BANGERA Ms. SONALI Mr. NAGARJUNA B. T.	3,500.00
1208.	47S_MBA_0069	A MARKET STUDY ON ASSESSING THE ACCEPTANCE OF THE USE OF MENSTRUAL CUPS AMONG WOMEN IN DAKSHINA KANNADA DISTRICT	MBA	MBA	Mr. DAWN PRAKASH	Ms. DHANYA Ms. KEERTHANA N. Ms. DEEPIKA Ms. SHRAVANA	3,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
S.D.M. COLLEGE OF BUSINESS MANAGEMENT, POST GRADUATE CENTRE FOR MANAGEMENT STUDIES AND RESEARCH, MANGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	7,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 149. 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.)
1209.	47S_BE_1745	BIO- NANOCOMPOSITE FILMS BASED ON CHITOSAN WITH ZnO NANOPARTICLES AND ANTHOCYANIN FOR SMART PACKAGING APPLICATION	B.E.	CHEMICAL ENGINEERING	Dr. RASHMI S. H.	Mr. DHANUSH HOLLA K. Mr. SHANMUKH BASAVARAJ MUGALI Mr. TARIQ ZUMAIR	5,000.00
1210.	47S_BE_1633	UTILIZATION OF BAUXITE ORE TAILINGS AS PARTIAL REPLACEMENT OF CEMENT IN CONCRETE PAVERS	B.E.	CIVIL ENGINEERING	Prof. GAVISIDDESH S. MAJJAGI	Mr. KIRAN R. BARGI Mr. KARTIK C. G. Mr. BHARATH VASTRAD Mr. RAGHAVENDRA REDDY M. D.	2,000.00
1211.	47S_BE_3411	ASSESSMENT OF STORM WATER DRAINS: A SURVEY APPROACH IN A WARD OF DHARWAD	B.E.	CIVIL ENGINEERING	Prof. VISHWANATHA BHAT	Mr. LIKHITH M. BANAM Mr. VINAYAK SATISH VERNEKAR Mr. VINAYAK VASU BHAT Mr. SUDEEP PATIL	4,000.00
1212.	47S_BE_4894	LAKE WATER QUALITY ASSESSMENT USING SOFT COMPUTING TECHNIQUES	B.E.	CIVIL ENGINEERING	Dr. SHRUTI KAMBALIMATH S.	Ms. PALLAVI BASAVARAJ MADALLI Ms. POOJA MALLIKARJUN YADIYAPUR Ms. NANDITA YALLAPPA HAVERI	3,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1213.	47S_BE_3054	FIREFIGHTING DRONE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. T. M. TIMSANI Mr. SHEKHAPPA ANKALIKI	Mr. SHASHANK SATISHKUMAR JOSHI Ms. SAVITA V. MURALE Ms. SHEETAL R. DIVAKAR Mr. SHASHIDAR S. ANGADI	5,000.00
1214.	47S_BE_4071	IOT BASED AUTOMOTIVE PERIPHERALS CONTROL AND MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	prof. PRAKASH GANI	Mr. SWAROOP M. Mr. VISHAL A. SOPPANNAVAR Mr. VIJAY MAHADEV PATIL	5,500.00
1215.	47S_BE_4775	AR-ENHANCED LIFESTYLE: CONTROLLING HOME APPLIANCES THROUGH IOT AND AUGMENTED REALITY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SHEKHAPPA ANKALIKI	Mr. ABHISHEK HUBLIKAR Mr. ABHISHEK PATIL Mr. ABHISHEK RATHOD Ms. AISHWARYA KUDTARKAR	5,000.00
1216.	47S_BE_5148	DESIGN AND DEVELOPMENT OF AN EMBEDDED SYSTEM FOR RURAL STUDENT'S EDUCATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. S. NAVALGUND Dr. JAYASHREE C. NIDAGUNDI	Mr. SHOUNAK HEREKAR Mr. VISVAJEET SINHA Mr. BAIBHAV GORAI Mr. HARSHIT BHAT	6,500.00
1217.	47S_BE_5019	INDIAN SIGN LANGUAGE LEXICAL INTERPRETER	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. PUSHPALATHA S. NIKKAM Prof. VARSHA S. JADHAV	Ms. SPOORTI S. ALDI Mr. OMKAR BELAMKAR Mr. SURAJ BHAJANTRI Mr. VISHAL NAGMULE	5,000.00
1218.	47S_BE_5117	CROPHARBOUR- AN E-COMMERCE WEB APPLICATION FOR FARMERS.	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. J. D. PUJARI	Mr. N. SAI THARUN Mr. AKASH P. Mr. OMKAR PRASHANT KAMAT Mr. SHASHANK BHOVI	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1219.	47S_BE_5249	PAYMENT TRANSACTIONS USING BIOMETRIC AUTHENTICATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ARATI NAYAK Prof. VARSHA S. JADHAV	Ms. GAYATRI G. SHETTI Ms. ISHA GIRISH SHET Mr. JAYGANESH NAYAK	4,000.00
1220.	47S_BE_4848	DESIGN AND DEVELOPMENT OF MULTI PASSENGER CARRYING E-BICYCLE	B.E.	MECHANICAL ENGINEERING	Dr. V. S. YALIWAL	Mr. MALLIKARJUN VALIKAR Mr. ADARSH BELLAD Mr. M. DHIRENRAJ Mr. YASH UPPIN	5,500.00
1221.	47S_BE_5377	DESIGN AND FABRICATION OF IOT BASED AUTOMATIC WEED DETECTION AND SPRAYING	B.E.	MECHANICAL ENGINEERING	Dr. SHIVANAND GALVEEN Dr. ABILASH DESAI	Mr. KHURSHIDAHMED KHAZI Mr. NIKHIL SHIVAJI MANE Mr. SHASHANK S. JAINAR Mr. SHIVANI YARAGATTI	5,500.00
1222.	47S_BE_5467	DESIGN AND FABRICATION OF SMART VECHICLE FOR PHYSICALLY CHALLENGED PEOPLE	B.E.	MECHANICAL ENGINEERING	Dr. ABILASH DESAI Prof. SHIVANAND GALAVEEN	Mr. SOURAV M. PATIL Mr. SHIVREDDY M. KOLIWAD Mr. CHANNABASAVA GULED Mr. CHETHAN KUMAR	7,000.00

**Transaction Details:**

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	28-05-2024	NEFT Dr-P149240325299425-PRINCIPAL-KARB0000195	68,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 150. 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.)
1223.	47S_BE_0722	FAKE PRODUCT DETECTION USING BLOCKCHAIN	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. DHAWAL JAIN	Mr. SHRIKRISHNA GANAPATI HEGDE Mr. SRUJAN P. JAIN Mr. SUBHANU SHARMA Ms. VAISHNAVI VIJAYAKUMARA HEGDE	4,000.00
1224.	47S_BE_0723	CRIME PREDICTION USING ENSEMBLE APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARJUN K.	Ms. MILANA S. Ms. POOJA V. HITTALAMANI Mr. ANKIT JHA Mr. ABHIN M.	4,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	16-05-2024	NEFT Dr-P137240323101223-BARB0VJUJIR-SDM INSTITUTE OF TECHNOLOGY-	8,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 151. 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.)
1225.	47S_MTech_0077	COMPARISON OF CLASSICAL MACHINE LEARNING AND QUANTUM MACHINE LEARNING TECHNIQUES FOR BREAST CANCER DETECTION	M.Tech	COMPUTER SCIENCE AND ENGINEERING	Mr. JAYAKUMAR B L Dr. USHA DESAI	Mr. VIKASA BHEEMASHANKARA PATEELA	5,000.00
1226.	47S_BE_3585	UNCOVERING THE INTERNET-BASED MERCHANDISE USING SENTIMENT EVALUATION AND MACHINE LEARNING ALGORITHMS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NIJAGUNA G. S.	Mr. MOHAMMED AZMATHULLA Mr. SHABAZ PASHA Mr. BRIJ BHUSHAN KUMAR Mr. BASAVARAJ RAJUR	5,000.00
1227.	47S_MBA_0187	ROLE OF SOCIAL MEDIA ON TOURISM AND TRAVEL SERVICES WITH SPECIAL REFERENCE TO MYSORE IN KARNATAKA STATE	MBA	MBA	Dr. D. BALAJI	Mr. SUPRIT N. KRISHNA	3,500.00
1228.	47S_MBA_0122	INFLUENCE OF FREE TRANSPORTATION SERVICES TO THE MASS GENERAL PUBLIC: STUDY WITH SPECIAL REFERENCE TO WHITEFIELD PASSENGERS IN BANGALORE CITY	MBA	MBA	Dr. S. B. ANIL KUMAR	Mr. SUMANJANEYA REDDY N. S.	4,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802695-PRINCIPAL, SEA COLLEGE OF ENGINEERING AND TECH-PUNB0496100	17,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 152. S.G. BALEKUNDRI INSTITUTE 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.)
1229.	47S_BE_1093	PREDICTION OF STRENGTH OF CONCRETE INCORPORATING RHA AND RAP USING ANN	B.E.	CIVIL ENGINEERING	Prof. V. S. KORISHETTI	Ms. PRIYADARSHINI Mr. BASAVARAJ NUCHHI Mr. SHIVASAGAR Mr. SACHIN H. JAGADAR	3,000.00
1230.	47S_BE_1151	USE OF PLASTIC BOTTLE AS GEOCELL FOR IMPROVING GROUND CHARACTERISTICS	B.E.	CIVIL ENGINEERING	Prof. SHWETA N. VANTAMURI	Ms. TANUSHRI PATIL Mr. MAHESH B. MARAD Mr. SHIVAPRASAD KAMBLE Ms. NIKITA S. PADASALGI	5,000.00
1231.	47S_BE_1317	A STUDY ON MACHINE LEARNING TOOL FOR THE STRENGTH PREDICTION OF ECO BRICKS	B.E.	CIVIL ENGINEERING	Prof. MANJUNATH SHARANAPPANAVAR Prof. SHWETA VANTAMURI	Ms. AKSHATA ASHOK YALAGE Ms. ROHIT KITTUR Ms. APOORVA HALLEPPAGOL Ms. SUYOG NATEKAR	4,000.00
1232.	47S_BE_2810	AI-DRIVEN HIGH-PRECISION MODEL FOR BLOCKAGE DETECTION IN URBAN WASTEWATER SYSTEMS	B.E.	CIVIL ENGINEERING	DR. PRASHANT BASAVARAJ BHAGAWATI Dr. B. S. HALAKARNIMATH	Dr. PREMAKUMAR TALIKOTI Mr. AADIL MIRAJAKAR Mr. ARMAN SHAIKH Mr. MD SUFIYAN SHAIKH	5,000.00
1233.	47S_BE_0283	SOLAR POWERED-WATER DESALINATION AND LIVESTOCK WATERING SYSTEM FOR RURAL INDIA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SHEETAL PATIL Dr. P. B. BHAGAWATI	Mr. SHUBHAM REDDY Ms. AISHWARYA SULGEKAR Mr. SHIVARAJ SHEELVANT Ms. SYEDA ASRA ANJUM	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1234.	47S_BE_0284	AI-BASED LEGAL DOCUMENT ANALYSIS FOR JUDICIARY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SHRINIVAS MANGALWEDE	Mr. SAMARTH M. SANIKOPPA Mr. VIRAJ R. KULKARNI Ms. PRACHITA P. KHANDEKAR Mr. SAMMED V. PATIL	4,000.00
1235.	47S_BE_0329	SMART VOICE ASSISTANT WITH DRIVEN VOICE-BASED EMAIL SYSTEM FOR VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VIJAYLAXMI JAMADARKANI Dr. P. B. BHAGAVATI	Mr. DANDAVATE OMKAR HANMANT Mr. AKSHAY S. UPASHI Mr. BHARATKUMAR NAIK Ms. LAXMI B. WAKKUNDMATH	4,000.00
1236.	47S_BE_1692	RAILWAY EMERGENCY DETECTION AND RESPONSE SYSTEM USING IOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SUSHANT MANGASULI Mr. VIVEK KORESHETTY	Mr. MOHAMMAD AWAIS MULLA Mr. NADEEM JAMADAR Mr. IZHAN SOUDAGAR Mr. KARTIK MASTIHOLI	5,000.00
1237.	47S_BE_2068	AUTOMATED EFFLUENT TREATMENT PLANT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SUPANNA S. SHIRGUPPE	Mr. MUSHARRAF SHILLEDAR Mr. ADITYA KAMBLE Mr. VINOD KOTAGI	5,000.00
1238.	47S_BE_2955	DESIGN AND PROTOTYPE DEVELOPMENT OF SOLAR TRACKER WITH IMPROVED MPP ALGORITHM FOR LOW COST AIR-COOLER APPLICATIONS.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. LALITHA DARBHA	Ms. NAGAVENI NAIK Ms. AMIRUN MULLA Ms. ANJALI KUGE	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1239.	47S_BE_0962	CAMPUSSYNC: IOT-POWERED COLLEGE AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SANMATI BEDAKIHALE Prof. SHARANBASAV MARIHAL	Mr. AFNAN M. JUNJWADKAR Mr. ABHISHEK R. PADENNAVAR Mr. ZAYED S. NAIK Mr. YOGESH JANGAM	5,500.00
1240.	47S_BE_1897	IOT AND SOLAR ENERGY BASED MULTIPURPOSE AGRICULTURAL ROBOT FOR SMART FARMING	B.E.	MECHANICAL ENGINEERING	Mr. GURUDUTT GHADI	Mr. SACHIN S. BABANNAVAR Mr. RAJENDRA M. TIGADI Mr. RAGU B. GULLI Mr. SHIVANAND D. KABBUR	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	28-05-2024	NEFT Dr-P149240325299426-PRINCIPAL S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY-UBIN0920908	52,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273561DC	4,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 153. 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.)
1241.	47S_BE_1476	UTILIZATION OF WASTE PLASTIC IN CONSTRUCTION OF CC PAVEMENTS	B.E.	CIVIL ENGINEERING	Ms. NISARGA P.	Ms. YASHASWINI C. Ms. TEJASWINI N. Mr. CHIRANTH H. VARDHAN	3,500.00
1242.	47S_BE_0625	REGENERATION, CONTROL AND OPTIMIZATION OF ENERGY IN PURE ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. PRARTHANA J. V.	Mr. RAVITHEJA B. Ms. HARSHITHA B. N. Ms. GAGANAMANI J.	5,500.00
1243.	47S_BE_1126	AUTOMATED DATA ACQUISITION SYSTEM FOR STUDENT PERFORMANCE ANALYSIS IN OBE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. BHASKAR B.	Mr. DEEPAK R. Ms. BHAVANI C. Mr. K. B. VARUN Mr. CHANDRA MOHAN REDDY R. M.	5,500.00
1244.	47S_BE_1374	CONTROLLING OF ELECTRIC VEHICLES USING BCI AND LABVIEW	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RAVIKUMAR A. V.	Mr. HEMANTH C. Mr. SACHIN R. Ms. AISHWARYA C. R. Ms. JAHNAVI H. V.	5,000.00
1245.	47S_BE_1377	CONVOLUTION NEURAL NETWORK-BASED VISUAL STIMULI CLASSIFICATION USING EEG SIGNALS FOR EFFICIENT HUMAN-COMPUTER INTERACTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. MAHANTESH K.	Ms. KEERTHANA H. Ms. GHANASHREE G. S. Ms. KAVYA K. Ms. PRERANA B. G.	5,500.00
1246.	47S_BE_0788	EMOCONNECT: NURTURING TRUST AND RELATIONSHIP BONDS IN ALZHEIMERS CONVERSATIONS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. YAMUNA U.	Ms. PON MUTHULAKSHIMI Mr. THARUN S. Mr. SUMANTH M. Mr. SUCHITH R.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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1247.	47S_BE_0802	"MEDIACRYPT"- IMAGE AND VIDEO STEGANOGRAPHY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. RAJESHWARI S.	Ms. APARNA M. S. Ms. MOULYA S. P. Ms. PAYAL KUMARI	2,500.00
1248.	47S_MBA_0033	STRATEGIES TO TRANSFORM AGRICULTURAL PRACTICES THROUGH AI MANAGEMENT SOLUTIONS : TOWARDS SMARTER, GREENER FARMING PRACTICES	MBA	MBA	Dr. HARSHITHA S. Mrs. LAXMI M.	Ms. SHREYA G. BHAT Ms. THANUSHA K. Mr. SHASHANTH KUMAR K. K. Mr. BHARATH R.	3,500.00
1249.	47S_BE_3908	DESIGN, FABRICATION AND ANALYSIS OF 3 AXIS MODERN TRAILER	B.E.	MECHANICAL ENGINEERING	Mrs. CHAITHRA B. K.	Mr. MOHANKUMAR L. Mr. CHANDRASHEKHAR L. A. Mr. GURUKIRAN S. M. Mr. PRASHANTH G. C.	5,500.00
1250.	47S_BE_4207	DEVELOPMENT OF MULTIFUNCTIONAL AUTOMATIC WHEELCHAIR	B.E.	MECHANICAL ENGINEERING	Dr. J. SATHEESH	Mr. UDAY SAI SANAM Mr. JEEVAN P. H.	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	41,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273571DC	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 154. 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.)
1251.	47S_BE_0243	DESIGN, CONSTRUCTION OF A SPINNING DRONE WITH REDUCED WEIGHT AND POWER CONSUMPTION	B.E.	AERONAUTICAL ENGINEERING	Dr. NAGESH D. Dr. DEEPA M. S.	Mr. ABDUL SAAD KHAN Mr. CHANDRAMOHAN V. Ms. RANJITHA V Ms. THANUSHREE A. N.	7,000.00
1252.	47S_BE_0326	DESIGN AND FABRICATION OF BI-COPTER DRONE FOR MEDICAL PURPOSE	B.E.	AERONAUTICAL ENGINEERING	Prof. VIDYA SHREE K. R.	Mr. MANOJ M. Mr. AKSHITH V. Ms. BHAVITHA C. Ms. RAKSHITHA H. N.	7,000.00
1253.	47S_BE_0500	TESTING AND DEVELOPMENT OF KENAF/PINEAPPLE/BANANA NATURAL FIBERS COMBINED COMPOSITE MATERIALS FOR AEROSPACE COMPONENTS.	B.E.	AERONAUTICAL ENGINEERING	Dr. NAGESH D.	Mr. BHARATH KUMAR S. Mr. GANESH R. Mr. GONUGUNTLA DINESH KUMAR Mr. RAMAYANAPU RAGHUNANDA	6,500.00
1254.	47S_BE_3189	DESIGN, DEVELOPMENT AND CHARACTERIZATION OF SELF-HEALING COMPOSITE MATERIALS FOR AEROSPACE STRUCTURAL APPLICATION	B.E.	AEROSPACE ENGINEERING	Dr. MADHUSUDHANA S. V. Dr. RAVI KUMAR	Mr. ARYA RAJ Mr. BHARATH B. Mr. BHANU PRASAD Mr. AAKASH D.	7,000.00
1255.	47S_BE_1684	A STUDY ON STRUCTURAL INTEGRITY, REPAIR AND RETROFITTING TECHNIQUES ON EXISTING DISTRESSED STRUCTURE	B.E.	CIVIL ENGINEERING	Prof. ARUN KUMAR C. J.	Ms. ANUSHA M. Mr. KARTHIK A. Ms. ARCHANA SHREYI M. J. Mr. SHARATH C.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1256.	47S_BE_3526	DYNAMIC ANALYSIS OF ADJACENT RCC BUILDINGS FOR POUNDING EFFECT	B.E.	CIVIL ENGINEERING	Prof. CHANDRAKALA S. Dr. G. NARAYANA	Mr. GATTU UMMAR FARUQ Ms. GANAVI GOWDA S. Mr. GOVARDHAN P. N. Mr. ABHILASH S.	5,000.00
1257.	47S_BE_1341	FIRED:AN IMAGE-BASED FIRE DETECTOR FOR SMART HOMES USING MACHINE LEARNING ALGORITHMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SRINATH G. M. Dr. SHRIHARI M. R.	Ms. YASHASWINI K. M. Ms. SAHANA SHREE N. Ms. SUPRAJA B. Ms. VARSHITHA V.	4,000.00
1258.	47S_BE_1428	ASHWA - A SMART HYBRID WHEELCHAIR AID	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRIHARI M. R. Ms. SRIVANI	Ms. SWATHI S. M. Ms. ROOPASHREE K. N. Ms. CHANDANA B. L. Ms. ASHA M.	4,000.00
1259.	47S_BE_1497	"SMARTECO" THE SMART HOME ENERGY MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SHRIHARI M. R.	Mr. GAURAV SINGH Mr. ASHWARYA Mr. JITHENDRA G. Ms. KEERTHI REDDY	5,000.00
1260.	47S_BE_1659	IOT ENABLED EFFICIENT DETECTION AND CLASSIFICATION OF THREATS IN PLANTS FOR AGRICULTURE APPLICATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAMATHA G.	Mr. DEVI PRASAD G. M. Mr. CHANDU RAJ N. Ms. VAISHNAVI N. Mr. VIJAY RAGAVAN N.	5,000.00
1261.	47S_MTech_0001	IOT BASED HANDHELD CAPNOGRAPHY DEVICE	M.Tech	DIGITAL COMMUNICATION AND NETWORKING	Dr. SUDHIR P.	Mr. E. GOWTHAM	5,500.00
1262.	47S_BE_0510	PREDICTION OF MELANOMA USING DERMOSCOPIC IMAGES USING DEEP LEARNING -BASED ARTIFICIAL INTELLIGENCE TECHNIQUE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAVI KIRAN R.	Ms. LAKSHMI G. N. Ms. LOKEPALLI ANVITHA Mr. KANCHUKOMMALA JAYAPRAKASH	5,500.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1263.	47S_BE_1439	IOT ENABLE SURVEILLANCE AND ALERTING FOR LPG CONTAINER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. S. BHARGAVI Dr. VEENA S.	Mr. SUDARSHAN G. Mr. SHREYAS S. R. Mr. S. UPENDRA	5,000.00
1264.	47S_BE_1799	EARLY DETECTION OF EPILEPSY USING IOT AND IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MADHUKARA S	Ms. MANYASHREE K. C. Ms. MEGHANA M. Ms. MEGHANA T.	5,500.00
1265.	47S_BE_1912	A GESTURE-BASED DEVICE FOR STERILE PERSUAL OF RADIOLOGY PICTURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. MANJULA K. Prof. SRIVANI E. N.	Ms. VYSHNAVI L. Ms. THANUSHREE R. Ms. VARSHA SIRI M.	5,500.00
1266.	47S_BE_2135	AUTOMATION OF CATTLE LIVESTOCK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. C. RANGASWAMY Prof. RAVI M. V.	Ms. RAKSHITHA B. A. Ms. MONISHA K. Ms. RAJINI H. S.	5,500.00
1267.	47S_BE_2461	AUTONOMOUS FIRE DETECTION AND EXTINGUISHING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUDHIR P.	Mr. RAMESH G. V. Mr. NAVEEN K. N. Mr. PAVAN KUMAR T. J.	6,500.00
1268.	47S_BE_0148	DATA COMPRESSION FOR BACKBONE NETWORK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. VIJAY G. R.	Ms. GOWTHAMI K. Ms. J. M. KEERTHANA Ms. KEERTHANA S. Ms. MADHUSHREE K. V.	5,000.00
1269.	47S_BE_0156	CYBER SECURITY PORTAL FOR EFFECTIVE MANAGEMENT OF SERVERS AND FIREWALLS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. ARAVINDA THEJAS CHANDRA	Ms. TEJU L. Ms. SMITHA K. S. Ms. SNEHA LATHA NAIDU R. Ms. THANU SHREE M. N.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1270.	47S_BE_0157	EDUCATIONAL RESOURCE MATERIAL TRANSLATION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. SATHEESH CHANDRA REDDY	Ms. SHIRISHA L. Ms. MEDHINI T. R. Ms. TANUSHREE P. Ms. SUPRITHA K. S.	5,000.00
1271.	47S_BE_0166	AIR AND WATER QUALITY INDEX AND ENVIRONMENT MONITORING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SUSHEELAMMA K. H.	Mr. BASAVARAJ S. BIRADAR Ms. DEEKSHITHA RAM Ms. BHAVANA B.	5,000.00
1272.	47S_BE_0184	AUTOMATED IRRIGATION SYSTEM USING ARTIFICIAL INTELLIGENCE (AI)	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ANAND TILAGUL	Mr. ARUNKUMAR R. Mr. DARSHAN T. P. Mr. GAJENDRA B. R. Mr. LIKITH GOWDA K. M.	5,000.00
1273.	47S_BE_0233	ONLINE BLOCKCHAIN BASED CERTIFICATE GENERATION AND VALIDATION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NAGESH R.	Mr. CHETHAN A. Mr. RAHUL S. Ms. YUKTHA REDDY P. M. Mr. PRAJWAL V. M.	5,000.00
1274.	47S_MBA_0019	EVALUATING THE IMPACT OF TELEMEDICINE IMPLEMENTATION ON HEALTHCARE ACCESSIBILITY IN UNDERSERVED RURAL AREAS IN CHIKKABALLAPURA DISTRICT	MBA	MBA	Prof. MANJUNATHA NAIK Dr. NANDINI L.	Ms. SWATHI L. Ms. MANJULA V. N. Mr. NIKHIL R. Mr. NAVEEN KUMAR N.	4,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	28-05-2024	NEFT Dr-P149240325299427-S.J.C.I.T SECRETARY PRINCIPAL-SBIN0040082	1,24,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273791DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 155. 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.)
1275.	47S_BE_2796	EXPERIMENTAL INVESTIGATION AND PREDICTION OF MECHANICAL PROPERTIES OF ECO-FRIENDLY GEOPOLYMER CONCRETE BY EMPLOYING MACHINE LEARNING.	B.E.	CIVIL ENGINEERING	Dr. SRISHAILA J. M. Ms. PRUTHVI RANI K. M.	Mr. CHETHAN N. GUJJAR Mr. MOHAMED NOUMAN HUSSAIN Mr. MOHAMMED FAROOQ N. S. Mr. YASHAVANTH G. M.	4,000.00
1276.	47S_BE_2902	DETERMINATION OF WATER QUALITY INDEX OF MALLAPURA LAKE, CHITRADURGA	B.E.	CIVIL ENGINEERING	Prof. ANUSHA V.	Mr. APPU H. S. Mr. TEJAS S. A. Mr. RAVI KUMAR R. J. Mr. KIRAN T.	3,500.00
1277.	47S_BE_1607	ROBOTIC MODEL FOR AUTONOMOUS CAR BASED ON AI	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. KRISHNAREDDY K. R. Prof. RAMESH B. E.	Ms. BHAGYA SHREE N. Mr. ROHIT Mr. SHARATH J. Ms. USHA B.	5,500.00
1278.	47S_BE_1514	SMART MOTION DETECTION SURVEILLANCE ROVER WITH NIGHT PATROLLING FOR PUBLIC SAFETY AND MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SRIDHAR S. N.	Ms. TEJASHWINI K. S. Ms. NALINA D. Ms. REKHA B. V. Ms. SYEDA NEHA	6,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Repo

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	28-05-2024	NEFT Dr-P149240325299428-PRINCIPAL SECRETARY-UBIN0903183	14,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273761DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 156. 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.)
1279.	47S_BE_0675	TOYTECH GENIUS : PRECISION PLAY ROBOT DRIVEN CUBE SOLVING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DUDELA SAI PRASHANTH	Ms. RACHANA SHENOY M. Mr. BRANDON LEO JOHN Ms. RESHAL KIRAN LOBO Ms, SHREYA S. RAO	5,000.00
1280.	47S_BE_0774	PREDICTIVE MODELING FOR CATTLE SURVIVAL RATES WITH LUMPY SKIN DISEASE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Mr. GANARAJ K.	Mr. AIMAN ABDULLAH G. Mr. ABDUR REHMAN TAQI Mr. NITESH RAMESH KAMAT Mr. PAVAN	5,000.00
1281.	47S_BE_0855	ELECTROOPTIX: AIOT-DRIVEN SMART HOME ENERGY MONITORING AND OPTIMIZATION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. DUDELA SAI PRASHANTH	Mr. KARTHIK S. K. Mr. M. SNEHITH J. RAI Mr. SAHIL KUMAR Mr. THEJAS RAO	5,000.00
1282.	47S_BE_0799	VIRTUAL ASSISTANT FOR MENTAL HEALTH CARE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. ALAKANANDA K.	Mr. ANIL SHETTY Mr. DARSHAN B. R. Mr. MOHAMMED ZAHIR Mr. MOHAMMAD RAHEEZ	5,000.00
1283.	47S_BE_0819	MULTIMODAL CYBERBULLYING DETECTION IN VIDEOS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. SUKETHA S.	Mr. HARSHA KUMAR RAI M. Mr. JAIDEEP D. NAIK Mr. PAVAN G. NAIK Mr. PRANEETH P.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1284.	47S_BE_1397	AI-ML ASSISTED JUDICIAL DECISION SUPPORT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ADARSH RAG S.	Mr. SUGAM KEDENJI Mr. M. V. VISHAL Mr. LESTON REGO Mr. VIDHU THARUN K.	4,000.00
1285.	47S_BE_3468	SAAI - SMART AUTOMATED ANTI-VIOLENCE INTERVENTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. SRINIVAS P. M.	Mr. SAMARTH S. Mr. AKARSH M. RAO Mr. ANSHUMAN TIWARI Mr. IMRAN PASHA	5,000.00
1286.	47S_BE_0523	PAADARAKSHA - DIABETIC FOOT ULCER DETECTION AND LOCALIZATION USING DEEP LEARNING TECHNIQUES	B.E.	DATA SCIENCE	Mrs. SHWETHA S. SHETTY	Mr. VIJAY CHETHAN Ms. ASHWIJA A. RAO Mr. SRIRAM V. Mr. ANKITH K. ULLAL	4,500.00
1287.	47S_BE_0610	IDENTIFICATION AND CLASSIFICATION OF MEDICINAL PLANTS USING IMAGE PROCESSING AND MACHINE LEARNING ALGORITHMS	B.E.	DATA SCIENCE	Dr. NISHA	Ms. SRIVIDYA Ms. CHETHANA Ms. NEHA RAO K. Ms. PRIYA GIRIDHAR HEGDE	4,500.00
1288.	47S_BE_0614	MAPPING AND TRANSFORMATION CHANGE ANALYSIS OF WATER BODIES USING DEEP LEARNING TECHNIQUES FOR COASTAL REGIONS OF KARNATAKA	B.E.	DATA SCIENCE	Mrs. MADHURA HEGDE	Mr. GOWTHAM KRISHNA Mr. DARSHAN Mr. AKSHAY	4,000.00
1289.	47S_BE_1437	DRIVER DROWSINESS SYSTEM IN REAL-TIME USING FACIAL DETECTION LANDMARKS	B.E.	DATA SCIENCE	Dr. NISHA SHREYAN	Mr. TAMIM MUHAMMED MUSHTAK Mr. NADHEEF AHMED Mr. MOHAMMED RIFAQATH H. R. Mr. ABZAL	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1290.	47S_BE_0325	EFFICIENT SPRAYING MACHINE FOR OPTIMISING ARECANUT ORCHARD MANAGEMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. ROOPASHREE	Ms. SOUMYA SHREEKANTH BHAT Mr. BHARATH K. Mr. HARSHITH BEKAL Mr. RAVI KIRAN V. K.	6,500.00
1291.	47S_BE_0328	SONIC FUSION:ADVANCED HEARING AID WITH A PIEZOELECTRIC TRANSDUCER FOR BONE CONDUCTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRAVEEN KUMAR M.	Mr. DHYAN RAI M. Ms. SANJANA K. C. Mr. KEERTHAN I. NAIK	6,500.00
1292.	47S_BE_0353	DESIGN AND DEVELOPMENR OF FOLDABLE MULTIPURPOSE AUTONOMOUS SOLAR POWERED E- TRIKE FOR DIFFERENTLY ABLED PERSONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. CHANDRA SINGH Mr. ASHWIN KUMAR	Ms. PRATIKSHA K. NAIK Mr. ARJUN YESHPAL SINGH Ms. AMRUTA NAYAK Ms. SNEHA DSOUZA	6,500.00
1293.	47S_BE_0398	DEVELOPMENT OF HYBRID DRONE INTEGRATED WITH DEEP LEARNING AND CNN FOR DISEASE IDENTIFICATION, GPS-BASED CROP LOCALIZATION AND MOBILE ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANUSH BEKAL	Ms. MEGHA NAIK M Mr. AHMED HASHIM Mr. SHREYAS S. BANGERA Mr. SKANDA S. ACHAR	6,500.00
1294.	47S_BE_0529	FLYING HIGH FOR HEALTH: DESIGN & IMPLEMENTATION OF SOLAR POWERED AUTONOMOUS VTOL TECHNOLOGY FOR MEDICINE DELIVERIES IN REMOTE AND INACCESSIBLE AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. CHANDRA SINGH Mrs. SMITHA A. B.	Mr. SUJAN KUMAR S. J. Mr.CHINMAYA H Ms. CHITRA A. R. Mr. SHREYAS K.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1295.	47S_BE_0515	AI-ENABLED SMART WHEELCHAIR WITH REAL-TIME COGNITIVE ASSISTANCE AND INTELLIGENT OBSTACLE AVOIDANCE FOR THE DIFFERENTLY-ABLED	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. NAVANEETH BHASKAR	Mr. SHRINIDHI B. M. Mr. OVIN VINOL PEREIRA Mr. MISHAAL HUSSAIN Ms. SHAMYA P. SHETTY	5,000.00
1296.	47S_BE_0526	A SMART VISUAL ASSISTANCE SYSTEM FOR VISUALLY IMPAIRED PEOPLE IN REAL-WORLD ENVIRONMENTS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. HARINAKSHI C.	Mr. NEHAL HOSALIKAR Mr. KARTHIK Mr. KEERTHAN K. Ms. SHETTY RACHANA RAVINDRA	4,000.00
1297.	47S_BE_0982	MEDICINAL VALUE IDENTIFICATION IN LEAVES USING IMAGE PROCESSING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. PRATHEEK H.	Ms. A. M. DHANYA Ms. ADITI VITTAL BANAVALIKAR Ms. ATHMIKA A. R. Ms. VINUTHA G.	2,500.00
1298.	47S_BE_0388	DESIGN AND DEVELOPMENT OF UNMANNED UNDERWATER SEARCH, RESCUE AND ANALYSIS VEHICLE	B.E.	INTERDISPINARY (MECHANICAL ENGINEERING AND ECE)	Prof. AJITH B. S. Prof. KRIPA	Mr. VARUN RAJ Mr. AHEESH RAO Mr. DION MCNEILDSOUZA Mr. SHESHADRI SURESH SAKALATHI	7,000.00
1299.	47S_MBA_0005	A STUDY ON SMART FARMING USING IOT FOR REAL TIME FARM MONITORING IN DAKSHINA KANNADA DISTRICT	MBA	MBA	Mrs. AKSHATHA P.	Ms. DEEPA BALIGA Mr. K. M. MITHUN Ms. PRAJNA	3,500.00
1300.	47S_MBA_0009	PRODUCTION OF BIOFUEL THROUGH ORGANIC WASTE	MBA	MBA	Prof. ANIRUDH R. BHAT	Mr. PAVAN KUMAR Ms. SOWJANYA Mr. KARTHIK NAIK Ms. SHETTY SAYUKTHA RAVINDRA	4,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1301.	47S_MBA_0014	PRODUCTION AND MARKETING OF COWDUNG AND COW URINE BASED PRODUCTS OF MALNAD GIDDA BREED OF CASTLE IN BHATKAL TALUK, UTTAR KANNADA DISTRICT, KARNATAKA	MBA	MBA	Dr. RAVINDRA R. KAIKINI	Mr. RAHUL ELSTEN HURTIS Ms. NISHMITHA Mr. PRADEEP KUMAR M. P. Ms. BHOOMIKA	4,000.00
1302.	47S_BE_0424	DESIGN AND FABRICATION OF MULTIPURPOSE DEHYDRATION UNIT USING WASTE BIOMASS	B.E.	MECHANICAL ENGINEERING	Dr. SHANKARA MURTHY H. M.	Mr. ADITHYA N. SHETTY Ms. AMISHA D. Ms. ANUSHRI UMESH Mr. NADMAN HUSSAIN	7,000.00
1303.	47S_BE_1887	DESIGN AND FABRICATION OF SEED SPRAYER FOR KHARIF CROPS	B.E.	MECHANICAL ENGINEERING	Dr. LAWRENCE JOSEPH FERNANDES	Mr. SANJAY KUMAR Mr. SACHIN Mr. J. RAJATH Mr. PRAJWAL SHETTY	7,000.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	1,20,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273821DC	8,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 157. 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.)
1304.	47S_BE_1678	ADVANCED REAL-TIME FLOOD REGULATING DISCHARGE DRAIN	B.E.	CIVIL ENGINEERING	Prof. GOWTHAM B. Prof. ESHWARAJ	Mr. BHARATH GOWDA A. Mr. ROHITH C. Mr. PRAVEEN V. R. Mr. ARAVIND K. H.	4,000.00
1305.	47S_BE_1330	A PREDICTIVE MODEL FOR ROAD TRAFFIC DATA ANALYSIS AND VISUALIZATION TO DETECT ACCIDENT ZONES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VARUN E. Dr. VINOD DESAI	Mr. AMRUTH S. Mr. ROHITH RAJU K.	4,000.00
1306.	47S_BE_1478	IOT ENABLED SMART STREET LIGHT MANAGEMENT SYSTEM USING DYNAMIC BRIGHTNESS CONTROL	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. AJAY V. G. Dr. TEJASHWINI N.	Mr. V. SAI LIKITH Mr. BHUVAN P. Mr. PRAJWAL SKANDA S. Mr. VAIBHAV KULKARNI	4,000.00
1307.	47S_BE_1612	AIDUCATE:YOUR SMART TUTOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VINOD DESAI Dr. SHANTAKUMAR B. PATIL	Mr. SAGAR PATHAK Mr. RAVINDRA KUMAR YADAV Mr. ANUPAM SAHA	4,000.00
1308.	47S_BE_2070	NEXT-GEN ASSISTIVE TECHNOLOGY: ULTRASONIC SENSOR VIBRATOR GLOVE WITH IMAGE PROCESSING FOR THE BLIND	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ADVAITH P. R.	Mr. MADHAN MOHAN REDDY V. J. Mr. CHETHAN R. Mr. OM PRAKASH B. M. Ms. SWETHA A.	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1309.	47S_BE_2778	SOLAR FLOATING WASTE COLLECTING SYSTEM - FLOAT AND CONVEYOR	B.E.	MECHANICAL ENGINEERING	Prof. SANTOSH GAIDHANKAR	Mr. SOMESHWARAN G. G. Mr. DHANUSH M.	7,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802697-DIRECTOR, SAI VIDYA INSTIT OF TECHNOLOGY-SBIN0001989	26,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 158. 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.)
1310.	47S_BE_0474	DEVELOPMENT OF HYDROPONICS SYSTEM AND DATA MONITORING SYSTEM USING INTERNET OF THINGS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. DEEPA S. BHAT	Ms. HITHYASHINI V. Ms. KAVYA G. Ms. R. MUSKAN ZEHRA Ms. ANJUMA B. N.	5,000.00
1311.	47S_BE_1741	NANO TREE BASED CHARGING SYSTEM USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. LATHA P. H.	Ms. .LIPIKA V.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802698-SAMBHRAM INSTITUTE OF TECHNOLOGY PRINCIPAL-SBIN0000963	10,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 159. 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.)
1312.	47S_BE_1593	SYNTHESIS AND CHARACTERIZATION OF CELLULOSE FROM DISCARDED CIGARETTE BUTTS AND ITS IMPLEMENTATION IN PRODUCTION OF CARBOXYMETHYL CELLULOSE (CMC) AND CYRENE	B.E.	BIOTECHNOLOGY	Dr. KAVITHA V. JOSHI Dr. SOUMYA C.	Mr. TANU KUMAR C. Ms. SUSHMA S. Ms. RAKSHA K. Mr. K. NARAHARI	5,500.00
1313.	47S_BE_2154	DEVELOPMENT OF BIODEGRADABLE POLYMERIC MEMBRANES BY POLYSACCHARIDES WITH CROSSLINKING FOR PACKAGING APPLICATIONS	B.E.	BIOTECHNOLOGY	Dr. SEEMA SAKKARA Dr. KIRAN KUMAR	Ms. DHARANI G. Ms. DIVYA K. N. Ms. NISCHITHA K. S. Ms. SWATHI BHARADWAJ R.	5,500.00
1314.	47S_BE_2314	ANALYSIS OF MULTI -STOREY BUILDING SUBJECTED TO BLAST LOAD	B.E.	CIVIL ENGINEERING	Prof. PRIYANKA A.	Ms. SUMA S. Ms. YAMUNA K. R. Ms. NEHA T. M. Ms. PRATHIKSHA P. PALANKAR	4,000.00
1315.	47S_BE_3215	ENSEMBLE - LEARNING FRAMEWORK FOR INTRUSION DETECTION TO ENHANCE INTERNET OF THINGS' DEVICES SECURITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. CHAITRA P. Ms. ANITHA T. G.	Ms. POORNIMA T. Ms. S. MEHAK AFREEN Ms. SAHANA N. Ms. SHREYA SHETTY S.	5,000.00
1316.	47S_BE_1727	AUTOMATIC POWER FACTOR CORRECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. SUPRIYA SAIJANA	Ms. RAJESHWARI C. H. Ms. YASHASWINI S. Mr. BHARATH B. S. Ms. PALLAVI N.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1317.	47S_BE_1584	ADVANCED IOT AND MACHINE LEARNING SOLUTIONS TO MONITOR UNDERPASS WATER LOGGING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PRATHIBHA P.	Ms. AISHWARYA K. Ms. CHANDANA K. Ms. DEEKSHA V. Ms. HAFSA TABASSUM	3,000.00
1318.	47S_BE_4732	EFFICIENCY THROUGH INNOVATION - A GEARLESS TRANSMISSION SYSTEM WITH ELBOW MECHANISM	B.E.	MECHANICAL ENGINEERING	Dr. R. G. DESHPANDE	Mr. CHANDAN S. Mr. R. ARUN KUMAR Mr. BHARATH KUMAR G. Mr. RAVISH GOWDA R.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299429-SAPTHAGIRI COLLEGE OF ENGINEERING-SBIN0010499	35,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 160. 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.)
1319.	47S_BE_2638	IOT BASED SMART AND COST EFFECTIVE SERICULTURE INCUBATOR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NYAMATULLA PATEL	Ms. SHEEFA MAHEDAVI Ms. NISHA TIKOTIKAR Ms. ROOPA NAIKODI	5,500.00
1320.	47S_BE_3400	DNS SPOOFING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. S. A. QAUDRI	Mr. JUNAID ALI INAMDAR Mr. MOHAMMED UMAIR SOUDAGAR Mr. MOHAMMED AQUIB SURKHI Mr. ADIL HATHIWALE	5,000.00
1321.	47S_BE_2299	BIODIESEL FROM WASTE COOKING OIL AND ITS CHARACTERIZATION WITH NANOMATERIALS: ECO-FRIENDLY SYNTHESIS AND EXPERIMENTAL INVESTIGATION FOR PERFORMANCE AND EXHAUST EMISSIONS	B.E.	MECHANICAL ENGINEERING	Dr. SYED ABBAS ALI Mr. ALTAF HUSSAIN BAGAWAN	Mr. ABDUL KAREEM Mr. IRSHAD AHMAD Mr. KHAN ANAS JAVED	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	17,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 161. 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.)
1322.	47S_BE_4319	IOT WOMBCARE: SHISHU SWASTHYA GAMANA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. AMRUTA PRABHUGOUDA	Ms. SAADIA ATHIQ Ms. SOUMYASHREE Ms. ZOHAA TAMKEEN SIDDQUA Ms. SHIFA MAHVEEN QUADRI	5,500.00
1323.	47S_BE_4373	SOLDIER HEALTH AND POSITION TRACKING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VIJAYALAXMI	Ms. DESAI KUSUM RAVI Ms. SWATI S. K. Ms. VAISHNAVI S. PATIL Ms. SYEDA AYESHA	5,000.00
1324.	47S_BE_4491	SOLAR SCARECROW WITH SOUND SENSING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NANDINI S. PATIL	Ms. SHIVANI B. MITAGAR Ms. NAILA NISHAT Ms. ROOPA DIGGI Ms. SHRAVANI	5,000.00
1325.	47S_MTech_0118	DRY HAND WASHING MACHINE USING FOG DISINFECTION	M.Tech	DIGITAL COMMUNICATION AND NETWORKING	Prof. VANITA KABA Prof. LAXMI PATIL	Ms. PRATIKSHA MANE	5,500.00
1326.	47S_BE_4153	SMART DUST CONTROL AND MONITORING SYSTEM FOR CONSTRUCTION SITES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHARANGOUDA N. Dr. SHASHIDHAR SONNAD	Ms. SHASHIREKHA PATIL Ms. SHRADDHA PADASHETTY Ms. SOUMYA KORISHETTY	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1327.	47S_BE_4704	EXPRESSION BASED EMOTION DETECTION IN SPEECH USING PYTHON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. LAXMI PATIL Prof. SHOBHANA	Ms. RENUKA Ms. BHAGYASHREE Ms. MAHESHWARI	5,000.00
1328.	47S_BE_5137	OTP BASED BANK LOCKER SYSTEM USING ARDUINO WITH BIOMETRIC ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BASAVESHWARI Mrs. NEELAMBIKA	Ms. RAHAT SHAIK Ms. SARIKA Ms. POOJA Ms. SHIVANI	5,500.00
1329.	47S_BE_3754	POWER THEFT AND FAULT DETECTION USING IOT TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. SRIDEVI M. HOSMANI	Ms. SUSHMA Ms. SHANTAMMA Ms. BHAGYASHREE	6,500.00
1330.	47S_MSC_0014	EVALUATION OF REPRODUCTIVE TOXICITY ASSOCIATED WITH FIPRONIL EXPOSED FEMALE WISTER RATS	M.Sc	ZOOLOGY	Mr. VISHWAJIT BASAVARAJ DAREKAR Dr. BASAWARAJESHAWRI INDUR	Ms. SADIKA SUMERA Mr. NAVEENKUMAR MALLAPPA SINDAGI Mr. SAMEER PANAPAROSH Ms. TANUJA HIROLE	6,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	SHARNBASVA UNIVERSITY, KALABURAGI	28-05-2024	NEFT Dr-P149240325299431-FINANCE OFFICER, SHARNBASVA UNIVERSITY-UBIN0920932	44,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273841DC	5,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 162. 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.)
1331.	47S_BE_2829	CHRONIC OBSTRUCTIVE PULMANERY DISEASE PREDICTION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRATIBHA K.	Ms. BINDU Ms. SWATI ROOGI Mr. NASIR KHAN Mr. NITESH	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI	18-05-2024	NEFT Dr-P136240322802699-PRINCIPAL-SBIN0004410	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 163. 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.)
1332.	47S_BE_4737	DESIGN AND DEVELOPEMENT OF WIRELESS CHARGING ORNITHOPTER	B.E.	AERONAUTICAL ENGINEERING	Mr. LEVI REUBEN V. R. Mr. AUGUSTINE DSOUZA	Mr. ABHISHEK T. S. Ms. NISHMITHA B. S. Mr. SHASHANK G.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SHREE DEVI INSTITUTE OF TECHNOLOGY, MANGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 164. 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.)
1333.	47S_BE_0984	SMART APP ASSISTED COLORIMETRIC DETERMINATION OF IRON GROUND WATER: A CASE STUDY IN UDUPI TALUK	B.E.	CIVIL ENGINEERING	Dr. DEEPIKA B. V. -	Mr. TANMAY V. SHETTY Mr. SHRAVAN V. POOJARY Ms. SOUJANAYA GANAPATI PAI	4,000.00
1334.	47S_BE_3405	ENHANCING VIDEO QUALITY THROUGH AI-POWERED NOISE REMOVAL TECHNIQUES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SAHANA	Mr. KRISHNAMOORTHY KARANATHA K. Ms. ARATHI KINI Ms. K. PRATHVI RAO Mr. NANDEESH U.	4,000.00
1335.	47S_BE_0099	PRECISE TEMPERATURE CONTROLLED PORTABLE STORAGE MODULE FOR PHARMACEUTICAL FLUIDS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. CHETAN R. Ms. YOGESHWARY B. H.	Mr. JEEVAN KUMAR Ms. MANASA ACHARYA Mr. MANISH JOGI Ms. K. PREETHIKA KAMATH	5,500.00
1336.	47S_BE_0807	WALL PAINTING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. SOWMYA BHAT Mr. LAWRENCE D'ALMEIDA	Mr. ADITHYA PRAKASH Ms. ASHWINI Ms. ATHMIKA SHETTY Mr. LLOYD WINSTON PINTO	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	15-05-2024	NEFT Dr-P136240322802700-SHRI MADHWA VADIRAJA INSTI OF TECH AND MGMT-HDFC0009540	19,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1337.	47S_BE_5138	PRECISION FARMS: ACCELERATED AGRICULTURE ANALYTICS WITH EDGE COMPUTING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. PRAMOD T. C.	Mr. MARUTHI R. Mr. ABHISHEK S. Mr. AKSHATH G. Mr. CHETAN MANAGAVI	5,000.00
1338.	47S_BE_5447	DEEP CULINARY CREATOR : A VOICE-ASSISTED RECIPE GENERATOR FOR THE VISUALLY IMPAIRED	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SHOBHA K.	Ms. POOJA PALANAKAR Mr. GAURI HARSH RAGHUVANSHI Mr. PIYUSH KUMAR Ms. RINKAL RANJAN	3,000.00
1339.	47S_BE_5406	GREEN SYNTHESIS OF NANOSTRUCTURED MnMoO <sub>4</sub> FOR ELECTROCHEMICAL HEAVY METAL DETECTION AND CATALYST FOR ORGANIC CONVERSION REACTION AND PHOTOCATALYTIC REACTION	B.E.	CHEMICAL ENGINEERING	Dr. SUMA G. R. Dr. NAGARAJU G.	Mr. NAVEETH GANESH PALAN Mr. KIRAN R. Ms. APOORVA T. Mr. SWATHI G.	5,000.00
1340.	47S_BE_5352	ENHANCING DAM SAFETY : SECURE VIGILANCE THROUGH SENSOR SYSTEM MONITORING	B.E.	CIVIL ENGINEERING	Dr. SREEDHARA B. M.	Mr. THARUN RAMESH Ms. DHANYASHREE P. Ms. BHUMIKA U.	4,000.00
1341.	47S_BE_5378	RESTORATION OF EARTHEN BUND IN KAMBADHALLY, KORATAGERE - A CASE STUDY	B.E.	CIVIL ENGINEERING	Dr. MUTTANNA S. BALREDDY	Mr. DHANUSH T. M. Ms. NITHYA SHREE D. Mr. DARSHAN S. N. Mr. SHREYAS J. M.	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1342.	47S_BE_5462	EMPOWERING INDEPENDENCE: A SOLUTION FOR THE VISUALLY IMPAIRED	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. Shobha K.	Ms. KUSHI K. M. Mr. L. MARUTHI KIRAN Ms. LEKHANA R. Mr. RAGHAVENDRA URS H. R.	5,000.00
1343.	47S_BE_4905	AUTOMATED SILKWORK EGG COUNTING AND IDENTIFYING DISEASED EGGS USING IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. P. S. SHILPASHREE	Ms. SAKSHI Ms. SAMEEKSHA DEV T. M. Ms. VARSHA T. N. Mr. SANDEEP R.	5,000.00
1344.	47S_BE_4728	AUTOMATIC SUGARCANE BUD CUTTING USING IMAGE PROCESSING	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. LATHA H. K. E.	Mr. PRAJWAL K. S. Ms. H. S. YASHASWINI Mr. MUNESH K. N. Mr. PUNITH V.	5,500.00
1345.	47S_BE_3249	SMOKE DETECTION FROM IP CAMERA FOOTAGE USING DEEP LEARNING AND NEURAL NETWORKS	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SOWMYA R. B.	Ms. MAHIKA K. S. Ms. KOUSHIKA M. Ms. KUNSHI N. S. Ms. SNEHA T.	5,000.00
1346.	47S_MBA_0166	DESIGN AND DEVELOPMENT OF SUSTAINABLE BIO DIESEL FEEDSTOCK SUPPLY CHAIN IN TUMAKURU	MBA	MBA	Dr. C. SOMASHEKHAR	Mr. KEERTHIRAJ S. Mr. LOHITHWODEYAR S. Ms. NAGASHREE H. N. Ms. NISCHITHA V.	3,500.00
1347.	47S_BE_4387	FABRICATION AND EXPERIMENTAL EVALUATION OF MICRO FLAPPING MECHANISM IN ORNITHOPTER THROUGH DLP COMPOSITES	B.E.	MECHANICAL ENGINEERING	Dr. C. T. MANJUNATH	Mr. AJAY BSETTY B. N . Mr. AKSHAY S. Mr. ANJAN KUMAR T. H. Mr. CHETHAN T. L.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU	15-05-2024	NEFT Dr-P136240322802701-PRINCIPAL-KARB0000768	49,500

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1348.	47S_BE_1988	AN IN-VITRO STUDY TO UNDERSTAND THE IMPACT OF CARDIOVASCULAR, DIABETIC AND NSAID DRUGS ON THE REGION-SPECIFIC HUMAN GUT MICROBIOTA MODEL	B.E.	BIOTECHNOLOGY	Dr. PRIYA NARAYAN Dr. JAGADEESH KUMAR D.	Ms. SAMHITA B. S. Ms. AMRITA DE Ms. AHALYA P. N.	6,500.00
1349.	47S_BE_3792	EXTRACTION AND PURIFICATION OF PLASTIC DEGRADING ENZYMES FROM DOMESTIC WASTE WATER AND CREATING A BIOFILM FROM RETRIEVED MICROORGANISMS	B.E.	BIOTECHNOLOGY	Dr. ISHWAR CHANDRA	MS. KANGAN M Mr. ROHIT JOHN CHERIAN	6,500.00
1350.	47S_BE_1574	BEHAVIOUR OF OPTIMUM TERRA ZYME STABILATION POLYPROPYLENE FIBER REINFORCED LITHOMERGIC CLAY (SHADY SOIL)	B.E.	CIVIL ENGINEERING	Mrs. SUBHADRA G. D. Mrs. RAMYA N.	Mr. PRAJWAL M. C. Mr. ABDUL KALAM S. Mr. MANOHAR M. Mr. PAVAN S. S.	4,000.00
1351.	47S_BE_2274	EVALUATION OF GROUND WATER QUALITY AND ITS MANAGEMENT IN DEVANAHALLI TALUK USING REMOTE SENSING AND GIS	B.E.	CIVIL ENGINEERING	Dr. SHIVANNA S. Mrs. VYSHNAVI D R.	Ms. CHAITHRA V. N. Ms. NANDITHA N. Ms. PAVITRA	4,500.00
1352.	47S_BE_0880	REAL-TIME SMART GRID IDENTIFICATION: AI-ENABLED ELECTRICITY THEFT DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ELAIYARAJA P.	Mr. NUMAIR SHAIKH Mr. ANANYA RICHU Mr. SRIPAVAN B. Ms. SPANDAN M. N.	4,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1353.	47S_BE_1711	AI BASED SMART VOTING SYSTEM USING FACE RECOGNITION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. ANITHA T. N.	Mr. SAI KIRAN T. N. Mr. B. P. SATWICK Mr. SHRAVAN M. Mr. AMEETREDDY	5,000.00
1354.	47S_BE_0620	MULTIFUNCTION AGRO MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. MAHESH K. Dr. H. L. SURESH	Ms. INDUMATHI K. HIREMATH Mr. PRATEEK D. Ms. SARASWATI S. SHIRUR Mr. SUHAS R. KARNAM	5,500.00
1355.	47S_MBA_0103	PM SVANIDHI AND ITS ROLE IN REVIVING THE STREET VENDOR'S ENTREPRENEURIAL ACTIVITIES - AN EMPIRICAL STUDY WITH SPECIAL REFERENCE TO BANGALORE	MBA	MBA	Dr. PRIYANKA SHARMA Ms. DEEPTHI J. R.	Ms. MANASI R. KOWSHIK Mr. NAVEEN N. Ms. MANISHA KUMARI N. Mr. RANJITH R.	3,500.00
1356.	47S_BE_3913	DETECTION AND IDENTIFICATION OF TOMATO LEAF DISEASE	B.E.	MECHANICAL ENGINEERING	Mrs. ASHA RANI A.	Mr. AJAYKANTH G. V. Mr. HANISH N. Mr. HAREESHA V. A. Mr. HEMANTH S.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802702-Sir MVIT-HDFC0004839	44,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 167. 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.)
1357.	47S_BE_2969	IMAGE PROCESSING APPROACH FOR GRADING IVF BLASTOCYST USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHANMUKASWAMY C. V. Dr. GIRISH L.	Ms. HARSHITHA T. A. Ms. VARSHITHA T. N. Ms. TEJASHWINI R. Ms. ANUSHA R.	4,000.00
1358.	47S_BE_1744	AUTOMATED SERVING ROBOTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ROOPA T. C.	Mr. MANOJ M. R. Ms. BHUMIKA S. Ms. HARSHITHA S. Ms. GAGANASHREE	5,000.00
1359.	47S_BE_3048	ANDROID BASED MULTIMODAL STUDENT ATTENDANCE SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. REKHA H.	Mr. HEMANTH SANGAM M. Ms. KEERTHANA N. Mr. SUDEEP R. V. S.	4,000.00
1360.	47S_MBA_0193	STUDY ON RENEWABLE ENERGY & NON RENEWABLE ENERGY SOURCES	MBA	MBA	Dr. PRATHAP B. N. Mr. PRAVEEN KUMAR T. M.	Mr. MARUTHI H. Mr. CHANDANA KUMAR K. H. Mr. CHANDRAIH R.	3,500.00
1361.	47S_BE_1570	FABRICATION OF IOT BASED AUTOMATED HYDROPONICS SYSTEM WITH SOLAR TRACKING DEVICE	B.E.	MECHANICAL ENGINEERING	Mr. AJAY HIREMATH	Mr. PAVAN C. Mr. RAKESH R. Mr. SHARATH KUMAR R.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	23,500



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

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

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1362.	47S_BE_2081	TREATMENT OF DAIRY WASTEWATER BY UP-FLOW ANAEROBIC SLUDGE BLANKET	B.E.	CIVIL ENGINEERING	Mr. ARUN TANDI	Ms. ANUSHA SHETTAPPANAVAR Mr. GIREESH KARADAGI Mr. HUTTANAGOUDA V. HOSAMANI	4,000.00
1363.	47S_BE_5418	CULTIVATING SUSTAINABILITY THROUGH VERMICOMPOSTING	B.E.	CIVIL ENGINEERING	Dr. SHIVARAJKUMAR GOUDAR	Mr. GOUTAM R. SINGRI Mr. ABHISHEK M. BADAGI Mr. SIDDAROODHA K. AGASIMANI Mr. SUHAS S. HIRAGANNAVAR	4,500.00
1364.	47S_BE_1819	FORGERY IMAGE DETECTION USING CNN AND DEEP LEARNING ALGORITHM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PARASHURAM BARAKI	Mr. ABDUL MUTALIB MULLA Mr. ANAND GANIGER Ms. CHANDANA SHIVAPPA SURPUR Ms. DEEKSHA TIRAKANAGOUDAR	5,000.00
1365.	47S_BE_2524	ECO-FRIENDLY POWER GENERATION USING WASTE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. IRANNA M.	Mr. PRAMOD V. HIREMATH Mr. PRADEEP RAYARADDI Mr. PRAVEEN R. MATHAD Mr. SIDDALINGASWAMI P. MARIDEVARMATH	6,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1366.	47S_BE_1707	IOT BASED SMART GARBAGE MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. AMARAPPA PAGI	Mr. PRASHANT SATANNAVAR Mr. SHIVAYOGI KOLIWAD Mr. BASAVARAJ ARAMANI Mr. HANUMANTHAPPA K.	5,000.00
1367.	47S_BE_1891	DriveEase	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. AMARAPPA PAGI	Mr. PRATEEK SHAPUR Mr. GIRISH SHALI Mr. KIRANDEV HUGAR Mr. SHIVAYOGI HANCHINAL	5,000.00
1368.	47S_BE_2898	PREDICTION OF SOLAR POWER GENERATION USING NWP AND MACHINE LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. PRATHIMA M. Dr. RAJSHEKAR K.	Ms. LAXMI PATIL Ms. AISHWARYA NERTI Ms. CHAITRA MADNUR Ms. VARSHA AILI	5,000.00
1369.	47S_BE_2251	POWER GENERATION BY UTILIZING WASTE WATER USING A PORTABLE TURBINE	B.E.	MECHANICAL ENGINEERING	Dr. DEVENDRA K.	Mr. SACHIN S. Mr. ADITYA AGADI Mr. RAHUL RAMESH VERNEKAR Mr. MAHESH K.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	15-05-2024	NEFT Dr-P136240322802704-S K AND SVM AGADI CHARITABLE TRUST-SBIN0002229	40,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 169. 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.)
1370.	47S_BE_5178	PREDICTION OF AUTISM SPECTRUM DISORDER USING MACHINE LEARNING	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. JAYASUDHA K.	Mr. ANKITH P. Ms. FIZA TASKEEN Ms. KRUPA M. Mr. TEJUS G.	3,000.00
1371.	47S_BE_4773	POWER MONITORING AND BILLING SYSTEM USING IOT FOR BESCO	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. ARUNA R.	Mr. ARYAN RAJENDRA MAHALE Mr. BHARAT SIMHA REDDY Mr. DHANUSH K. Mr. GONUGUNTLA ANAND	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SRI KRISHNA INSTITUTE OF TECHNOLOGY, BENGALURU	28-05-2024	NEFT Dr-P149240325299433-SRI KRISHNA INSTITUTE OF TECHNOLOGY-UBIN0558133	8,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 170. 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.)
1372.	47S_BE_5220	SMART TOURISM USING AI-VR	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. B. SHADAKSHARAPPA Prof. K. KARTHIKA	Ms. KAVYA M. N. Mr. BANU PRASAD L. Mr. A. J. DAYA SAGAR Ms. KEERTHANA M.	5,500.00
1373.	47S_BE_4010	MICRO WINDMILL FOR ELECTRICITY GENERATION FOR LOW WIND SPEED SURROUNDING BENGALURU	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. DHAMARAI SELVI K. V. Dr. S. SUJATHA	Mr. CHANDAN H. C. Mr. HANAMANT KOLAR Ms. PALLAVI S. Mr. SESHADRI R.	5,500.00
1374.	47S_BE_3897	HYBRID VEHICLE THERMAL MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ANITHA V. Dr. T. RAJESH	Ms. PREETHI VENKAT K. H. Ms. ASMITHA V. Mr. SHAMEEM AKTHER S. Ms. VISHNU PRIYA M.	5,500.00
1375.	47S_BE_4008	HELMET MOUNTED ADAS FOR ENCHANCED SAFETY AND AWARENESS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RAJA G. V.	Mr. THARUN K. Mr. SAKTHIVEL G. Mr. PRADHEEP M. Mr. MERBIN JOSHUA D.	5,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1376.	47S_BE_3851	DESIGN AND FABRICATION OF WATER EXTRACTION DEVICE FROM ATMOSPHERE THROUGH PELTIER MODULE	B.E.	MECHANICAL ENGINEERING	Dr. MADHU B. Prof. BALAJI V.	Mr. GUNASHEKAR A. Mr. RAHUL YADAV S. Mr. NAGESH P. Mr. SACHITH A.	7,000.00
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**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	23,500
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273891DC	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 171. 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.)
1377	47S_BE_2255	ASSESSMENT OF WATER QUALITY IN BORE WELLS OF VILLAGES IN NIDAGAL HOBLI , PAVAGADA TALUK	B.E.	CIVIL ENGINEERING	Mrs. SAHANA T. S. Mr. RAKESH M.	Ms. RAKSHITHA S. R. Ms. GAGANA P. Ms. SAHANA R. Ms. NISARGA S.	4,500.00
1378	47S_BE_2476	A COMPREHENSIVE STUDY ON ELEMENTAL ANALYSIS AND SUSTAINABLE INTEGRATION OF CETP SLUDGE AS A FINE AGGREGATE REPLACEMENT IN CONCRETE	B.E.	CIVIL ENGINEERING	Mrs. USHA S.	Mr. ROHITH GOWDA Mr. CHETHANA G. R. Mr. HANUMANTHAIHAH D. P. Mr. SHASHANKA P.	5,000.00
1379	47S_MTech_0041	AN EXPERIMENTAL AND FINITE ELEMENT STUDY ON REINFORCED CONCRETE BEAMS UTILIZING ALUMINIUM WASTE IN IMPROVING SHEAR PERFORMANCE	M.Tech	COMPUTER AIDED DESIGN OF STRUCTURES	Mrs. SOWJANYA G. V. Mrs. SAHANA T. S.	Mr. SIDDESH K. N.	5,500.00
1380	47S_BE_5272	SMART TRAFFIC SIGNAL FOR EMERGENCY VEHICLE USING GPS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MADHUMALA G.	Mr. JEEVAN KUMAR K. Ms. MRUDULA P Mr. NANDISH MALLAPPA GALI Ms. HARSHITHA A.	5,000.00
1381	47S_BE_3667	ENHANCING ROAD SAFETY IN SMART CITIES USING ROBOTIC APPROACH WITH BLACK BOX INTEGRATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. PRAVEEN KUMAR C. -	Ms. BHOOMIKA R. Ms. DISHA B. S. Mr. SRI RAM S. Mr. YESHWANTH J. N.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1382	47S_BE_1859	IOT BASED MINING WORKER SAFETY HELMET	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SUNIL T. D.	Mr. DHANUSH K. M. Mr. SUJITH T. M. Mr. UJWAL H. R. Mr. YASHAS B.	5,000.00
1383	47S_BE_1936	AUTOMATIC CONTROL HOTEL WAITER ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. M. C. BASAVARAJA	Mr. UJWAL UMESH ANUVA Ms. TANUSHRI M. Ms. JASHWANTH REDDY Mr. YOGESH B.	5,000.00
1384	47S_BE_2568	VOICE CONTROLLED HOME AUTOMATION FOR DISABLED PERSON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SURESH M.	Mr. ABHISHEK G. Mr. BOJEGOWDA G. H. Ms. CHAITHANYA K. J. Ms. CHITHRASHREE L. K.	5,000.00
1385	47S_BE_3130	IDENTIFICATION OF POT HOLE AND REPAIR COST ESTIMATION USING SEMI AUTOMATED ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. REVANNA B. R.	Mr. HARSHA K. T. Ms. CHETHANA K. S. Ms. HARSHITHA D. Mr. NAGARAJ H. M.	5,000.00
1386	47S_BE_4111	NEXT GENERATION SCHOOL BUS MONITORING AND SECURITY SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. GHOUSE AHAMAD Z.	Mr. KIRAN G. E. Ms. HEMASHREE M. Ms. NAYANA B. S. Ms. SHREYAS N.	5,000.00
1387	47S_BE_1851	EMOTION BASED MUSIC RECOMMENDATION SYSTEM	B.E.	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	Dr. SAVITA D. TORVI Prof. JEEVITH S. H.	Mr. SANJAY K. Mr. DARSHAN KUMAR G. R. SANJAY K	6,500.00
1388	47S_BE_1813	AUTONOMOUS VEHICLE COLLISION AVOIDANCE	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. CHAMPAKAMALA S.	Ms. MONIKA G. S. Ms. MANUSHREE T. L. Ms. MONISHA A. Ms. NEKKANTI RAMYA	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1389	47S_BE_3436	DEVELOPMENT OF DRAW BRIDGE IN TRAIN FOR PHYSICALLY DISABLED PEOPLE	B.E.	MECHANICAL ENGINEERING	Dr. ANNAPOORNA T. L. Dr. BATLURI TILAK CHANDRA	Ms. CHITHRA Y. Mr. GANESHACHARI B. Mr. MANOJ U. Mr. MANOJKUMAR H. M.	7,000.00
1390	47S_BE_4900	DEVELOPMENT OF PORTABLE SLEEP APNEA MONITORING SYSTEM	B.E.	MEDICAL ELECTRONICS	Dr. GURUPRASAD S, Prof. RAGAVENDRA D.	Ms. PUSHPA B. PUJAR Ms. DEEPTHI M. R. Ms. NISARGA N. M.	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP ON 28-05-2024	71,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273831DC	5,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 172. SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY, HAVERI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1391.	47S_BE_5078	SOLAR POWER SEED SOWING MACHINE AND SPRAY PUMP	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. SANTHOSH RAIKAR	Mr. RAHUL P. MEHARWADE Mr. RENUKARAJ P. V. Ms. SANJANA U. K. Ms. PALLAVI J. R.	5,500.00
1392.	47S_BE_4016	POLICE SURVEILLANCE ROBOT USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. CHADRASHEKHAR B. G.	Mr. RAGHAVENDRA R. SHERGAR Ms. CHAITRA R. BADIGERA Ms. PARIMALA S. KANNAPPANAVAR Ms. ANU K. N.	5,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY, HAVERI	28-05-2024	NEFT Dr-P149240325299434-PRINCIPAL, STJIT, RANEBENNUR-BARBOVJRANE	5,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273871DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 173. 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.)
1393.	47S_BE_3527	FAIRNESS ANALYSIS OF STUDENT ADMISSION RECOMMENDATION SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JIJESH J. J. Dr. VINEETH KUMAR P. K.	Mr. SUHAS S. Mr. AMANDEEP Mr. DARSHAN P.	4,000.00
1394.	47S_BE_5407	ANALYSING THE GLOBAL WARMING POTENTIAL IN SHARED AUTONOMOUS VEHICLES TO REDUCE HARMFUL EMISSIONS AND POLLUTANTS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. DIVAKARA M. Mrs. MEGHAVARSHINI S. K.	Mr. CHANDU J. Mr. ANKIT TIWARI Mr. VIKAS M.	5,000.00
1395.	47S_BE_2218	REAL-TIME CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SATHISH B. S.	Ms. V. S. SARANYA Ms. NAYANA K. S. Mr. GOWRA SAI SANTHOSH Ms. TEJASWI BODDU	5,000.00
1396.	47S_BE_3348	VEHICLE-TO-VEHICLE COMMUNICATION USING WIRELESS NETWORKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAMYA P.	Ms. ARPITHA B. M. Ms. GEETHA S. V. Ms. BHAGYALAXMI SHEELVANT Mr. SANJAY M.	5,000.00
1397.	47S_BE_4006	DESIGNING A THERMOELECTRIC GENERATOR FOR MILITARY APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHALINI V. Mr. NITHISH D.	Ms. DEEPTHI REDDY G. V. Mr. MANDLE SANDEEP YADAV Mr. KUMAR K. S. Mr. SACHIN S.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1398.	47S_BE_4196	DESIGN AND IMPLEMENTATION OF AN AUTOMATIC WASTE SEGREGATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VINEETH KUMAR P. K. Dr. JIJESH J. J.	Ms. ARCHANA M . Mr. APPU ANNAVEERAPPA Mr. ADARSH M. Mr. LIKITH S.	5,000.00
1399.	47S_BE_1821	RETINOPATHY DIABETIC PREDICTION USING MACHINE LEARNING	B.E.	INTERDISPINARY (ECE AND CSE)	Prof. MANJU D. Dr. JIJESH J. J.	Ms. AISHWARYA A. Ms. ANJALI K. Ms. POOJA V.	5,500.00
1400.	47S_BE_2478	KIDNEY DISEASE DETECTION AND PREDICTION USING MACHINE LEARNING	B.E.	INTERDISPINARY (IS, CV AND CSE)	Prof. MANJU D. Prof. SURESH P.	Mr. KISHAN SHINDE Mr. NAGARAJA Mr. MANU G. Mr. MANIKANATA S.	3,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	15-05-2024	NEFT Dr-P136240322802705-SRI VENKATESHWARA COLLEGE OF ENGINEERING-HDFC0001746	37,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 174. 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.)
1401.	47S_BE_0161	ACOUSTIC STUDY OF MECHANICALLY CHARACTERIZED RATTAN/GLASS FIBRE HYBRID COMPOSITE FOR STRUCTURAL APPLICATION	B.E.	AERONAUTICAL ENGINEERING	Dr. GANGADHARA RAO	Ms. SHARANYA I. S. Mr. YASHWANTH H. L. Ms. HRITHIKA NIKAM Mr. CHANNA KESHAVA REDDY K. L.	7,000.00
1402.	47S_BE_0485	DEVELOPMENT OF A HYBRID GREEN PROPELLANT ROCKET ENGINE	B.E.	AERONAUTICAL ENGINEERING	Dr. RAJESH	Mr. HARISH V. Ms. MEGHANA ASHOK GUNDI Mr. S. KEERTHAN Ms. SHAIK ZUHI RAFHATH	7,000.00
1403.	47S_BE_2060	FABRICATION AND DEVELOPMENT OF LITHIUM SILICON BATTERY FOR HIGH PAYLOAD UAV	B.E.	AERONAUTICAL ENGINEERING	Dr. RAJESH	Mr. DANNY DAMIAIO MANTERO Mr. AKHILESH Mr. HEMANTH S. Ms. SHWETHA K. P.	7,000.00
1404.	47S_BE_2908	DESIGN AND IMPLEMENTATION OF AN HEAT SINK FOR AN ELECTRIC VEHICLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SOORYA KRISHNA K.	Ms. AISHWARYA K. K. MS. NIVEDITHA P. P. Ms. SUCHITHRA	5,500.00
1405.	47S_BE_0477	TRACK VISION - REAL TIME OBSTRUCTION TRACKING AND PEDESTRIAN ALERT FOR INDIAN RAILWAY'S SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. SHREEKSHITHA	Mr. YAJNESH J. KULAL Mr. T. VAISHNAV Mr. DEEPAK KUMAR A. Mr. DHANUSH	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1406.	47S_BE_0419	APPLICATION OF CONVOLUTIONAL NEURAL NETWORKS FOR IMAGE-BASED DETECTION, INSPECTION, AND ANALYSIS OF HULL CORROSION	B.E.	MARINE ENGINEERING	Prof. VIVEK VIJAY KUMAR	Mr. KARTHIK H. K. Mr. AVIN V. K. Mr. CHETHAN H. K. Mr. PRASHANTHA G. M.	5,500.00
1407.	47S_BE_0358	DESIGN AND FABRICATION OF SMALL-SCALE VERTICAL AXIS WIND ENERGY DEVICE	B.E.	MECHANICAL ENGINEERING	Prof. JAYARAM THUMBE	Mr. DEEKSHITH S. Mr. ABIN SHAJI Mr. ASWINKRISHNA K. Mr. S. KARTHIK SHETTY	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	04-06-2024	NEFT Dr-P156240326759143-MAHB0000381-SRINIVASINSTITUTE OF TECH MANGALURU--KSCST SPP 47TH SERGRANTS	44,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 175. SRINIVAS UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MUKKA, MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1408.	47S_BE_5455	Enhancing Maternal Wellness through IoT - powered Comprehensive health monitoring	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. Thanmayee	Ms. Nikitha S. Ms. Nayana Ms. Alisha Jevita Dsouza Ms. Anvitha	3,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 176. ST. ALOYSIUS (DEEMED TO BE UNIVERSITY), MANGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1409.	47S_MSC_0258	EXPLORING THE BIOINOCULANT POTENTIAL OF ENTEROBACTER CLOACEA (ACC NO. OR098534) FOR SOIL REMEDIATION AND SUSTAINABLE GREEN AGRICULTURE IN DETERGENT CONTAMINATED ECOSYSTEM	M.Sc	BIOTECHNOLOGY	Dr. JIJI GEORGE	Mr. ALYA NAZAR Mr. DIVNA NGANGOM Mr. NAVYA NAMBIAR	6,500.00
1410.	47S_MSC_0274	INNOVATIVE FERMENTATION SYSTEM DESIGN AND PROTOTYPING FOR RAPID BIOAUGMENTATION OF LAUNDRY EFFLUENT WITH ENTEROBACTER CLOACAE (ACC. NO :OR098534).	M.Sc	ENVIRONMENTAL BIOTECHNOLOGY	Dr. JIJI GEORGE	Ms. SUDHESHNA L. K. Ms. ARYA SREEJAYA J. J. Ms. VICTORIA JENNIFER CRASTA	6,500.00
1411.	47S_MSC_0256	AI DRIVEN APPROACH FOR BRONCHOPNEUMONIA DETECTION IN CHILDREN	M.Sc	SOFTWARE TECHNOLOGY	Dr. RUBAN S. Mrs. SUCHETHA VIJAYAKUMAR	Ms. SHRADDHA H. SHETTY Ms. YASHASWI K.	5,000.00
1412.	47S_MSC_0273	DEVELOPMENT OF CHAT BOT FOR VACCINATION USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	M.Sc	SOFTWARE TECHNOLOGY	Dr. RUBAN S. Ms. SUCHETHA VIJAYAKUMAR	Mr. RESHAB A. SHETTY Mr. ADARSH M. K. Mr. VINAYAKA D. Ms. SOUJANYA	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ST. ALOYSIUS (DEEMED TO BE UNIVERSITY), MANGALURU	15-05-2024	NEFT Dr-P136240322802706-PRINCIPAL-SIBL0000993	23,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 177. 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.)
1413.	47S_BE_0842	NURTURHUB: A SMART MATERNITY/PREGNANCY HEALTH MONITORING DEVICE	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. SHREENATH ACHARYA	Mr. RIHAN D. S. A. Ms. KATE ANGELA JEANNE PEREIRA Mr. PRAJWAL BANGERA Mr. PRATHAM KUMAR RAO	5,000.00
1414.	47S_BE_5151	SYNTHESIS OF THE IRON NANOPARTICLES BY USING LEAVES FOR TREATMENT OF WASTE WATER	B.E.	CIVIL ENGINEERING	Mr. AJEETH B.	Mr. YASHAVANTHA K. Mr. PRASTHUTH U. KOTTARY Mr. RATHAN KUMAR Mr. PRAJWAL GAMBHIRA	3,500.00
1415.	47S_BE_5312	UNLOCKING THE POTENTIAL OF BIOCHAR AS A SUSTAINABLE CARBON SEQUESTRATION MATERIAL IN CEMENTITIOUS COMPOSITES	B.E.	CIVIL ENGINEERING	Mr. MANJUNATH B.	Ms. POOJA S. Ms. ANSIFA BANU O. M. Mr. SAMUEL SEQUEIRA Ms. SHREYA SANTHOSH	4,000.00
1416.	47S_BE_5427	A STRATEGIC EXPLORATION OF VULNERABLE FACTORS AND PROPOSING PROTECTIVE MEASURES FOR THREE LAND SLIDES IN BELTHANGADY	B.E.	CIVIL ENGINEERING	Mr. ROHITH PRAKASH VEIGAS	Mr. HASAN ASHAD Mr. ABDUL AASHIQ Mr. MOHAMMED THWAHA Mr. MOHAMMED SAWAD	5,000.00
1417.	47S_BE_0514	PROMOTIONAL EMAIL UNSUBSCRIPTION USING WEB EXTENSION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. PRAJNA M. Dr. HARIVINOD N.	Mr. RAMGOPAL P. Ms. PRERANA C BANGERA Mr. R. VINAY Ms. RASHMITHA R.	4,000.00



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1418.	47S_BE_0782	BIDIRECTIONAL COMMUNICATION SYSTEM FOR DEAF-BLIND INDIVIDUALS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. SRIDEVI SARALAYA	Ms. LAVISHA ANDRI SERRAO Ms. JANE OVEITA VAZ Mr. FLAIVIN DSOUZA Mr. JEEVAN V JIJO	5,000.00
1419.	47S_BE_2200	DEVELOPMENT OF AN ENVIRONMENTAL FRIENDLY, COST EFFECTIVE AND COMPACT ELECTRICAL FISHING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. SATHISHA K.	Mr. PREKSHITH LENNON RODRIGUES Mr. CLEAVON DSOUZA Mr. JASON ANTONY QUADRAS Mr. REYAN JAISON DSOUZA	5,500.00
1420.	47S_BE_1882	HAND TREMOR SUPPRESSION GLOVES FOR PARKINSON'S PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. ASWATHI T.	Mr. MOHAMMED AKHIL Mr. ANOOP D COSTA Mr. JOSHUA ROBERT LEWIS Mr. MUHAMMAD THASNEEM	5,500.00
1421.	47S_BE_2923	HIGH-SPEED INTERNET CONNECTIVITY USING LI-FI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. NANDINI MANINARAYANA Mr. SURESH M.	Mr. RIKSON PINTO Mr. SHARANPRAKASH R. Mr. THEJAS N. D. Mr. VIVIAN H. C.	5,000.00
1422.	47S_BE_3361	NON-INVASIVE BLOOD GLUCOMETER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. RADHAKRISHNA	Ms. ANUSHA M J Mr. A. C. SALMANUL FARISH Mr. AARON DSOUZA Mr. AJAY GEORGE M A	5,000.00
1423.	47S_BE_3452	HEAR ALLY APP FOR ENHANCING HEARING HEALTH THROUGH MOBILE SOLUTIONS FOR MENIERS DISEASE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prs. JENNIFER SALDANHA	Ms. ROSHNI JENICA GOMES Ms. RESHMA CARDOZA Ms. SINCHANA Mr. SONAL TENNISON MONIS	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1424.	47S_BE_3522	PROJECTION MATRIX ESTIMATION IN 3D-2D ICP REGISTRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. ROSHAN R. NAIK	Mr. ABHISHEK U. ACHARYA Ms. CHAITHRA K DEVADIGA Mr. MAHAMMAD SHABEER Mr. MANISH RAI K.	5,000.00
1425.	47S_BE_0847	DRIVE MODES BASED TIRE INFLATION CONTROL SYSTEM	B.E.	MECHANICAL ENGINEERING	Dr. PURUSHOTHAMA CHIPPAR	Mr. ANSHUL R. SHETTY Mr. ADITHYA BIJU Mr. MAHMOOD SUFAID Mr. MAHMOOD SUFAIL	9,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	ST. JOSEPH ENGINEERING COLLEGE, MANGALURU	28-05-2024	NEFT Dr-P149240325299435-PRINCIPAL ST. JOSEPH ENGINEERING COLLEGE-PUNB0096610	57,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273861DC	10,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 178. ST. JOSEPHS UNIVERSITY, BENGALURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1426.	47S_MSC_0100	IMPSNET: A DEEP LEARNING MODEL FOR THE CLASSIFICATION OF INDIAN MEDICINAL PLANT SPECIES (IMPS)	M.Sc	BIG DATA ANALYTICS	Dr. SIVAKANNAN S.	Mr. YOBAN BERTRAND YONKOU Mr. JASON ALVIN CHESNEY	5,000.00
1427.	47S_MSC_0076	DEVELOPMENT OF SORGHUM MILLET MILK BASED ICE CREAM INFUSED WITH EDIBLE MARINE SEAWEED AND SORGHUM BASED PROBIOTICS	M.Sc	FOOD SCIENCE AND TECHNOLOGY	Dr. MOHAN KUMAR S. Dr. LOKESH RAVI	Mr. HARI RAMANAN R.	7,000.00
1428.	47S_MSC_0078	EMPOWERING WOMEN HEALTH: READY - TO - EAT PROBUOTIC NEUTRACEUTICAL PRODUCT WITH ENHANCED BIOAVAILABILITY OF CALCIUM	M.Sc	FOOD SCIENCE AND TECHNOLOGY	Dr. ANUPRIYA MAZUMDER Dr. DAVID E HENRY	Ms. JANISHA JOHN FERNANDES	7,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	ST. JOSEPHS UNIVERSITY, BENGALURU	28-05-2024	NEFT Dr-P149240325299436-ST JOSEPHS UNIVERSITY COLLECTION ACCOUNT-SIBL0000964	14,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273851DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 179. ST. PHILOMENA' S COLLEGE .(AUTONOMOUS), MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1429.	47S_MSC_0196	SYNTHESIS,CHARACTERIZATION AND ANTI-INFLAMMATORY ACTIVITY OF INDOLE AND PIPERIDINE ANALOGOUS APPENDED WITH PHENOXY VIA AMIDE LINKAGE	M.Sc	CHEMISTRY	Dr. ZABIULLA Mr. SALIM JAVID	Ms. HAMSA K. R. Ms. ARCHANA K. N. Mr. VIVEK KRISHNAN J. Mr. VISHAL M. R.	7,000.00
1430.	47S_MSC_0230	GREEN GOLD: INVESTIGATION OF EFFICIENCY OF PLANT WASTE EXTRACTS IN AGRICULTURE AND SEWAGE TREATMENT	M.Sc	CHEMISTRY	Dr. ZABIULLA Dr. K. NANDINI	Mr. CHETHAN H. B. Mr. PUNITH K. R. Ms. RAJESHWARI M. Ms. RAKSHITHA K. L.	7,000.00
1431.	47S_MSC_0244	SYNTHESIS OF PIPERAZINE AND MEDICINAL PLANT EXTRACT FOR STUDIES OF ANTHELMINTHIC ACTIVITY [DRUG-HERB STUDIES]	M.Sc	CHEMISTRY	Dr. ZABIULLA Dr. GULNAZ A. R.	Ms. NIVEDITHA C. R. Ms. KUSUMA H. C. Ms. SNEHA B. Mr. CHANDAN KUMAR K. S.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
ST. PHILOMENA' S COLLEGE (AUTONOMOUS), MYSURU	28-05-2024	AMT TRFD TO ACTS 47TH SERIES	21,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 180. 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.)
1432.	47S_BE_4838	IMPLEMENTATION OF SAFETY MEASURES USING COMPUTER VISION AND MACHINE LEARNING ALGORITHMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRABHA R.	Mr. ASHOK KUMAR A. Mr. HAMID MOHAMED KALALA IRFAN Ms. MAMATHA S. U. Ms. MEENAKSHI KATTA	5,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 46<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 181. 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.)
1433.	47S_MSC_0120	ISOLATION AND CHARACTERIZATION OF POLYSACCHARIDES FROM ALLIUM SATIVUM L. PEEL AND ITS APPLICATION IN POST-HARVEST STORAGE OF BANANA	M.Sc	BIOTECHNOLOGY	Mr. WILFRED A.	Mr. BENIN YONATHAN F. Ms. DEEPTHI P. KADLI Ms. PREETHU R. Mr. CHINMAYI B. DOLLIN	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
TERESIAN COLLEGE, MYSURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 182. 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.)
1434.	47S_BE_2375	EVALUATING THE STRUCTURAL BEHAVIOUR AND SUITABILITY OF SURFACE REPAIR MATERIAL USED FOR REPAIRING OF CONCRETE STRUCTURAL ELEMENTS.	B.E.	CIVIL ENGINEERING	Dr. N. C. BALAJI Dr. GOURAV KRISHNADAS	Ms. KAVERAMMA A. V. Mr. CHANDAN K. R. Mr. DHANANJAY MURTHY K. Mr. MONGLONG PHOM	5,000.00
1435.	47S_BE_3188	ASSESSING THE QUALITY OF DRINKING WATER FILTERED THROUGH COMMERCIAL FILTERS AND DESIGNING SUITABLE GRAVITY WATER FILTERS FOR RESIDENTIAL USAGE	B.E.	CIVIL ENGINEERING	Dr. N. C. BALAJI	Mr. KIRAN KUMAR S. Mr. HEMANTH URS R. Mr. MAHENDRA N. Mr. DHANUSH L.	4,000.00
1436.	47S_BE_3642	INTERNET OF THINGS BASED SMART VEHICLE SECURITY AND SAFETY SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. RESHMA P.	Mr. PAVANA NANDANA S. Mr. ROHAN N. Mr. SHASHANK A. B. Mr. SINCHAN S. S.	5,500.00
1437.	47S_BE_4956	A COMPACT AND LOW POWER DIGITAL TO ANALOG CONVERTOR FOR HEARING AID APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REMYA JAYACHANDRAN	Mr. PUNDLIK ANANT NAYAK Ms. RAKSHA A. R. Ms. SANGEETHA A. SHAYANA Mr. SUHAS SHASTRY H. S.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1438.	47S_BE_3784	PREDICTIVE MAINTENANCE OF HELICAL GEAR USING IOT FOR VARING SPEED	B.E.	MECHANICAL ENGINEERING	Mr. RAVIKIRAN	Mr. DORE PRASAD R. Mr. HARSHIT R. K. Ms. DISHA V. Ms. HARSHITHA S.	7,000.00
1439.	47S_BE_3391	PRECISION SORTING OF COCOONS USING INTELLIGENT VISION TECHNOLOGY	B.E.	MECHANICAL ENGINEERING	Dr. SACHIN B.	Mr. VINAYAK JAKKALI Mr. SHASHANK C. Mr. HARIPRASAD B. S. Mr. SAMARTH JOSHI	5,500.00
1440.	47S_BE_4005	CUSTOMIZED ARM CAST USING 3D PRINTING FOR PATIENTS	B.E.	MECHANICAL ENGINEERING	Dr. SACHIN B.	Mr. VIPIN CHAND Mr. SRINIVASACHAR J. Mr. SUTHEERTH M. Mr. SUJITH M. SWAMY	5,000.00
1441.	47S_MTech_0116	ASSESSING THE CAPACITY OF SHEAR STRENGTHENED R.C BEAMS BY NSM-GFRP STRIPS	M.Tech	STRUCTURAL ENGINEERING	Dr. N.C. BALAJI	Ms. SOUMYA B. GOUDA	7,000.00
1442.	47S_MTech_0117	BOND BEHAVIOR OF GFRP BARS WITH CONCRETE UNDER ELEVATED TEMPERATURE: A COMPARATIVE STUDY WITH GFRP BARS AT AMBIENT TEMPERATURE AND HYSD BARS	M.Tech	STRUCTURAL ENGINEERING	Mr. VADIRAJ RAO N. R.	Mr. YASHAS S.	7,000.00
1443.	47S_MTech_0128	ASSESSMENT OF BOND BEHAVIOR OF GLASS FIBER REINFORCED POLYMER ( GFRP) BARS COMPARED TO DEFORMED STEEL BARS AT NORMAL TEMPERATURE	M.Tech	STRUCTURAL ENGINEERING	Mr. VADIRAJ RAO N. R.	Mr. LIKHITH L.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	58,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1444.	47S_BE_3880	INFULENCE OF NANO PARTICULATES ON MECHANICAL AND TRIBOLOGICAL BEHAVIOURS OF FIBER REINFORCED HYBRID COMPOSITE FOR AUTOMOBILE APPLICATIONS	B.E.	AUTOMOBILE ENGINEERING	Dr. RAJU B. R.	Ms. SOWMYA P. Mr. UDBHAV S. R. Mr. MANOJ REDDY M.	7,000.00
1445.	47S_BE_3658	RAILWAY FAULT DETECTION AND ANIMAL RECOGNITION USING IOT AND MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. E. SARAVANA KUMAR	Mr. MANJUNATH C. AMMANAVAR Ms. ANJALI K. V. Ms. HEMAVATHI R. Mr. ANKUR KUMAR	5,500.00
1446.	47S_BE_5459	SMART SHOE FOR DIABETIC PATIENT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. CHALTRASHREE S.	Ms. AARYA SHAMBHAVI Ms. ARPITA SINHA Ms. A. V. ANISHRI PB Mr. DEBAYAN GHOSH	7,000.00
1447.	47S_BE_0897	AUTOMATED EXHAUST FAN AND FLUSHING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mrs. NISHA C. RANI	Mr. DANNY JOHNSON P. Mr. JAMES PRAJWAL V. Mr. MALLIKARJUNA K. V. Mr. SUHAS M.	5,500.00
1448.	47S_BE_4588	DESIGN AND STUDY OF SMART CUP FOR MONITORING HAND ACTIVITY OF STROKE PATIENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. PREETA SHARAN Mr. JAYARAJ N.	Mr. S. NARASIMHA Mr. RAGHAV AGARWAL Mr. TARUN S. Ms. SPOORTHI B.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1449.	47S_BE_5066	SMART SOLUTIONS FOR SENSORY CHALLENGES IOT MESSAGING FOR ALL DEVICES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. V. VIJAYA KUMARI	Mr. DEVATI SWARUP Mr. CHANDAN B. V. Ms. BHUVANESHWARI V. Ms. K. NAVYA MADHURI	5,000.00
1450.	47S_BE_1050	RESCUE ROBOT FOR BOREWELL	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. VIDHYA S.	Ms. P. NAVYA Ms. NAGASHIRISHA M. SRINIVAS Ms. NITHYA R. Ms. NOORAIN FATHIMA	5,000.00
1451.	47S_BE_4055	SOLAR WIRELESS ELECTRIC VEHICLE CHARGING SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NIDHI SARASWAT	Mr. SATHYA NARAYAN L. Mr. ALFAHAD BASHA A. Mr. PRAHALLAD S. P. Mr. RAGHUL P.	5,500.00
1452.	47S_BE_0318	DESIGN AND FABRICATION OF WEARABLE SYSTEM FOR REAL-TIME RESPIRATORY AND HEART RATE TRACKING	B.E.	MECHANICAL ENGINEERING	Dr. ANUP M. UPADHYAYA Dr. VARUN K. R.	Mr. PRASHANT RANJAN Mr. DHARMA TEJA Mr. SANDEEP J.	5,500.00
1453.	47S_BE_0363	DESIGN AND FABRICATION OF AUTOMATED WASTE SEGREGATOR	B.E.	MECHANICAL ENGINEERING	Dr. VIDYADHAR PUJAR	Mr. NIKHIL R. Ms. C. NISCHITHA MAHALAKSHMI REDDY Mr. SHAMS MEHDI KHAN	5,500.00

**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	28-05-2024	NEFT Dr-P149240325299437-THE OXFORD COLLEGE OF ENGINEERING-BARB0VJ0XDC	44,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273881DC	12,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1454.	47S_MSC_0043	ISOLATION, SCREENING, AND IDENTIFICATION OF LIGNOCELLULOSE-DEGRADING ENZYME-PRODUCING BACTERIA FROM TERMITES GUT MICROBIOTA, AND ENZYME OPTIMIZATION, PURIFICATION AND CHARACTERIZATION.	M.Sc	BIOTECHNOLOGY	Dr. KAVISHA GHOSH	Ms. AMESHA PANWAR Ms. SHEETAL PANDEY	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANSACTION DETAILS	AMOUNT
THE OXFORD COLLEGE OF SCIENCE, BENGALURU	15-05-2024	NEFT Dr-P136240322802707-THE OXFORD COLLEGE OF SCIENCE-BARB0VJHSRL	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1455.	47S_BE_4819	VOICE CONTROLLED WHEELCHAIR FOR DIFFERENTLY ABLED	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. JAGADEESHWAR G. SHIVANAGUTTI	Mr. SUHAS SOMAPPA BYAHATTI Mr. SIRAJAHAMAD AKBARBASHA ONTI Mr. KARTHIK HULIHALLI Mr. PRAVEEN KUBERAPPA KAMMAR	6,500.00
1456.	47S_BE_5408	DEVELOPMENT OF ENERGY EFFICIENT SOLAR POWERED THERMOELECTRIC REFRIGERATOR USING IOT FOR RURAL PLACES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. SANTHOSHKUMAR G. M.	Ms. SHRUTI BASAVARAJ HAVALAD Ms. RAKSHITA SOMASHEKAR BOMBLE Ms. PRAKRUTI YALLAPPA DODDAMANI Ms. POOJA BASAWA	5,500.00
1457.	47S_BE_3008	FABRICATION AND CHARACTERISATION OF HYBRID COMPOSITE USING WASTE MEDICAL NEEDLES AND CENOSPHERE AS FILLER MATERIAL	B.E.	MECHANICAL ENGINEERING	Prof. K. H. PULIKESHI	Mr. SHIVAMURTAYYA G. RESHMI Mr. MANJUNATH IRANNA BAGALKOTI Mr. OMKAR G. THORAT Mr. SAGAR S. SARVI	5,500.00

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	TONTADARYA COLLEGE OF ENGINEERING, GADAG	28-05-2024	NEFT Dr-P149240325299438-PRINCIPAL TONTADARYA COLLEGE OF ENGINEERING-SBIN0020904	11,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273911DC	6,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1458.	47S_BE_5289	EYE DESK - THE EMPLOYEE WORK MONITORING SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. MOHAMMED RAFI	Ms. SINCHANA P. Ms. SHRADHA M. POKLE Ms. SONU K. R. Ms. SOUMYA RUDRAPPA GANI	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE	16-05-2024	NEFT Dr-P137240323101693-SBIN0040108-B D T COLLEGE OF ENGINEERING-	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 187. UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMKUR

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1459.	47S_MSC_0080	LAYERED DOUBLE HYDROXIDE NANOMATERIALS AS EFFICIENT ELECTRODES FOR SUPERCAPACITOR APPLICATIONS	M.Sc	CHEMISTRY	Dr. S. SREENIVASA Dr. SHET PRAKASH M.	Mr. YOGESH M. V. Ms. SANDHYA H. C. Mr. BHARATH S. B. Ms. ASHWINI R. G.	7,000.00
1460.	47S_MSC_0045	DESIGNING DOMESTIC WATER DISINFECTANT SYSTEM USING AG/ZNS NANOPARTICLES	M.Sc	PHYSICS	Dr. CHIKKAPPA UDAGANI	Mr. OMKAR M. Ms. PALLAVI H. Ms. POOJA L. G.	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMKUR	15-05-2024	NEFT Dr-P136240322802710-PRINCIPAL- SBIN0040850	12,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 188. UNIVERSITY VISVESVARAYA 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.)
1461.	47S_BE_2204	USER-CENTRIC DESIGN AND IMPLEMENTATION OF A FILE SHARING PLATFORM WITH REAL-TIME COLLABORATION FEATURES	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. KUMARASWAMY S.	Mr. VENKATESH N. Mr. GAJENDRA M. Mr. ANJANEYA MUSTOOR	4,000.00

**Note:** We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### 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.)
1462.	47S_BE_1489	FEDERATED LEARNING FOR PRIVACY PRESERVING ON SCREEN ACTIVITY TRACKING AND CLASSIFICATION IN E-LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. NEELAMMA SHINANNAVAR	Ms. SNEHAL S. SHRIKHANDE VAISHNAVI A. PUJARI AMRUTA A. KUNNURE	5,000.00
1463.	47S_BE_3849	MILITARY WARFIELD ROBOT WITH NIGHT VISION AND AI CONTROLLED AUTOMATED TARGET SHOOTING USING NEURAL PROCESSING UNIT (NPU)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ARATI SUDHAKAR Prof. SANTOSH KOLAKI	Ms. ASHWINI KULKARNI Ms. PRAJAKTA BHADARGADE Mr. SANTOSH JADHAV Mr. SUMIT PATIL	5,500.00
1464.	47S_BE_3884	DESIGN AND IMPLEMENTATION OF AN AUTOMATIC HOSPITAL SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. B. I. KATTIMANI Prof. ROHIT PATIL	Mr. ABID GOUNDI Ms. KRANTI KHOT Ms. PRIYANKA PATARAWAT Mr. MALLIKARJUN HUNACHYALE	5,500.00
1465.	47S_BE_1070	REMOTE CONTROL SOLAR LAKE / POOL CLEANER	B.E.	MECHANICAL ENGINEERING	Prof. AMAR V. NAVALIHALKAR	Mr. NAQEEB SHAIKH Mr. ARMAN AFZAL MULLA Mr. SHRAMEET GOVIND MAPARI Mr. SAHIL YASIN BEPARI	5,500.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
KSCST Sponsorship	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI	28-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	16,000
ART PARK sponsorship		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522274011DC	5,500



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 190. 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.)
1466.	47S_BE_0527	SMART TRACKING SYSTEM FOR PACKAGED PRODUCT USING BARCODE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. VIJAYASHREE H. P.	Ms. JOYCE MATHEWS Ms. AKSHATHA M. C. Ms. ANKITHA B. R. Mr. KARTHIK V.	5,000.00
1467.	47S_BE_0335	360° WASTE DETECTION ON SURFACE OF THE WATER & QUALITY ANALYSIS USING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. RAMYA R.	Ms. ABBAVARAM SNEHALATHA Ms. GEETHANJALI M. Mr. KARTHIKA H. T. Mr. KRUTHIK KUMAR R.	5,500.00
1468.	47S_BE_0803	SECURE DATA COMMUNICATION BETWEEN ARMY STATIONS USING STEGANOGRAPHY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. BYRA REDDY G. R.	Mr. KARTHIK REDDY L. G. Mr. BASAVARAJA Mr. MANOJ N. S. Mr. MAHESH M.	5,000.00
1469.	47S_BE_3120	GPS BASED E - TOLL GATE COLLECTION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. BHAVANA NAGARAJ	Ms. SIRI P. Ms. SHALINI MISHRA Ms. SHWETHA A. Ms. SUMON DAS	1,800.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1470.	47S_BE_4508	DESIGN AND FABRICATION OF MULTIPURPOSE SEED SOWING MACHINE	B.E.	MECHANICAL ENGINEERING	Mr. NAVEEN KUMAR R. Dr. KIRAN KUMAR	Mr. DARSHAN M. Mr. MALATESHA N. Mr. RAVINDHARA C. H. Mr. VIJAY KUMAR B. R.	6,500.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	16-05-2024	NEFT Dr-P137240323102377-KARB0000094- PRINCIPAL VEMANA INSTITUTE OF TECHNOLOGY-- KSCST	23,800

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 191. 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.)
1471.	47S_BE_4348	EXPERIMENTAL STUDY ON EXPRESSWAY KINETIC ENERGY RECOVERY SYSTEM	B.E.	CIVIL ENGINEERING	Prof. ANUSHA G. S.	Mr. SNEHA J. NAYAK Ms. LAKSHMI C. D. Ms. MEENAL S. Mr. PRAPUL RAJ B. P.	4,500.00
1472.	47S_BE_4480	EARLY DETECTION OF CORROSION IN RC STRUCTURAL ELEMENTS USING STANDARD ELECTRODE POTENTIAL	B.E.	CIVIL ENGINEERING	Prof. LATHA P.	Ms. PRIYANKA K. M. Mr. MANOJ H. K. Mr. N. R. NITHIN PAYAS Mr. SUMANTH B.	5,000.00
1473.	47S_BE_3925	WALL-E: VACCUME POWER BASED ANTI-GRAVITY ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SOWMYA M.	Mr. AYUSH H. S. Mr. CHANDAN L. Ms. DEEPALI D. M. Mr. NIKHIL NINGANAGOUDA METI	5,500.00
1474.	47S_BE_4867	SMARTFLAME SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. ASHA R.	Ms. PRIYA H. S. Ms. SPOORTHY G. R. Mr. RAVI KERIKAR Mr. SUHAS M. D.	5,500.00
1475.	47S_BE_4912	SECURE DRIVE : EMPOWERING VEHICLE SAFETY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PALLAVI J.	Ms. NANDINI S. N. MS. APSARA M. K. Ms. NIRMITHA K. N. Mr. BHASKAR G.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1476.	47S_BE_5362	BEYOND WHEELS: THE SENSORY SMART CHAIR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PALLAVI J.	Ms. VAIBHAVI K. H. Ms. SONIKA B. R. Ms. RACHANA M. R.	5,000.00
1477.	47S_MBA_0189	CIRCULAR ECONOMY APPROACH:ECO-FRIENDLY ELEGANCE: REPURPOSING METAL & E-WASTE FOR TRENDY POTTERY	MBA	MBA	Dr. VASANTHI REENA WILLIAMS	Ms. KIRUTHIGA G. Ms. RAKSHITHA N.	3,500.00
1478.	47S_MBA_0137	UTILIZING ARECA HUSK FOR MANUFACTURING PAPER	MBA	MBA	Dr. VASANTHI REENA WILLIAMS	Ms. SHILPA M. R. Ms. AYSHA NASRI Ms. VISHNUPRIYA S. Ms. ANJALI KRISHNA S. R.	3,500.00
1479.	47S_MBA_0179	SUGARCANE BAGASSE FOR EFFECTIVE UTILIZATION OF RESOURCES FOR SUSTAINABLE DEVELOPMENT	MBA	MBA	Dr. VASANTHI REENA WILLIAMS	Ms. ARCHANA M. V. Ms. HARSHA V. Ms. DHANUSHA H. U.	4,000.00

**Note:** The project highlighted in grey is funded by AI & Robotics Technology Park (ART-Park), IISc. The fund for these projects has been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	28-05-2024	NEFT Dr-P149240325299439-VVIET GRANTS ACCOUNT-UTIB0000151	36,500
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522274021DC	5,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 192. 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.)
1480.	47S_BE_3598	DEEPPAKE DETECTION VIA ENSEMBLE TECHNIQUES	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. ANJALI R. Dr. VINUTHA D. C.	Ms. MANOGNA C. G. Ms. MEDHA M. Mr. BHUVAN J. Ms. PRAGYA S. BABU	5,000.00
1481.	47S_BE_5250	INTERACTIVE AIR CANVAS USING COMPUTER VISION	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Dr. CHETHAN B. K.	Ms. RESHMA R. Mr. RAHUL S. B. Ms. SHARVARI R. Ms. VAISHNAVI S.	5,000.00
1482.	47S_BE_2748	DAMAGE DETECTION IN CONCRETE STRUCTURES USING MACHINE LEARNING TECHNIQUE	B.E.	CIVIL ENGINEERING	Dr. RAJEETH T. J. Dr. VARSHITHA D. N.	Ms. MONIKA R. Ms. SOWPRATHI P. Ms. PADMA NORZIN Mr. MOHAMMED ABBAS	4,000.00
1483.	47S_BE_4509	INDOOR AIR QUALITY ASSESSMENT AND MONITORING OF NEWLY CONSTRUCTED CLASSROOMS IN VVCE CAMPUS USING INTERNET OF THINGS (IOT)	B.E.	CIVIL ENGINEERING	Dr. SHILPA B. S.	Ms. JAHNAVI RAJ Ms. SNEHA S. Mr. TAJAMUL RASOOL	4,000.00
1484.	47S_BE_4788	TREATMENT OF DOMESTIC WASTEWATER USING VERTICAL FLOW CONSTRUCTED WETLANDS	B.E.	CIVIL ENGINEERING	Prof. D. P. MAHESH	Mr. S. K. CHANDAN KUMAR Mr. SHASHANK C. R. Mr. JEEVAN S. Mr. RAJATH S.	3,500.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1485.	47S_BE_3355	EMOTION-BASED MUSIC RECOMMENDATION SYSTEM WITH AGE DETECTION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. VIJAY C. P.	Mr. KALPAK S. Mr. AKASH BASKAR S. Mr. J. B. AKHIL RAJ Mr. K. S. PRAVEEN	5,000.00
1486.	47S_BE_4688	RAILWAY WASTE MANAGEMENT SYSTEM WITH IOT INTEGRATION	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHRADDHA C.	Mr. SHASHANK K. S. Mr. THARUN NANDAN R. J. Mr. SUSHANTH S. ACHARYA	5,500.00
1487.	47S_BE_5293	A FULL-FLEDGED APPLICATION TO FIND EDUCATIONAL INSTITUTE / IT EMPLOYEES STRESS LEVEL USING MACHINE LEARNING ALGORITHMS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. BHAVYA B. G.	Ms. NAVYA B. Ms. MADHULIKA M. P.	3,000.00
1488.	47S_BE_5246	AUTONOMOUS SOLAR GRASS MOWER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. AVINASH R.	Ms. SHIVANI SATHISH Mr. ASHRITH M. KOUSHIK Mr. MANEESH N. Mr. HARSHA N.	5,000.00
1489.	47S_BE_0605	PROGRAMMABLE CLOCK MANAGEMENT UNIT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. CHAITHANYA D. J. Dr. C. M. PATIL	Ms. RAMYA Ms. PRATHIKSHA H. L. Mr. SUHAS Mr. SHREYA R.	5,000.00
1490.	47S_BE_3623	"AGRITECH": A MULTI-FEATURE UGV FOR ENHANCED AGRICULTURAL PRODUCTIVITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. BHANU H. S. Mrs. SAHANA M. S.	Mr. MANOJ GOWDA B. Ms. JAHNAVI N. Ms. KOTA VAISHNAVI Ms. NIKSHA M.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1491.	47S_BE_1491	CAR CRASH DETECTION AND REPORTING SYSTEM USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. MUHAMMED MUDDASIR	Ms. MADEEHA SIDDIQUI Ms. BI BI AYESHA Mr. LAKSH DECHAMMA M. U. Ms. JAHNAVI H. S.	3,500.00
1492.	47S_MBA_0180	A STUDY ON ANALYSIS OF CROSS FUNCTIONAL DRIVERS' IMPACT ON AGRICULTURE SUPPLY CHAIN PERFORMANCE OF FARMERS W.R.TO VEGETABLES AT MYSORE REGION	MBA	MARKETING	Dr. SOMASHEKHAR I. C. Dr. PSV BALAJI RAO	Mr. DARSHAN L. M. Mr. KARTHIK G. Ms. H. R. KAVYA Ms. HRITHIKA B. E.	4,500.00
1493.	47S_MBA_0171	ECO CATALYSTS: INVESTIGATING THE IMPACT AND CHALLENGES OF WASTE COLLECTOR PRACTICES ON SUSTAINABILITY	MBA	MBA	Dr. PSV BALAJI RAO Mr. JAIGANESH M. N.	Ms. DISHA U. Ms. SAVITHA R. Ms. SUCHITHRA J. T. Ms. CHINNAMA	4,500.00
1494.	47S_BE_2915	DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURE MACHINE	B.E.	MECHANICAL ENGINEERING	Prof. JAYSHANKAR N.	Ms. NAVYA A. C. Mr. YASHAS HEJJIGE K. M. Mr. PRASHANTH M. C. Mr. SOURABH SHANTHARAM HEGDE	6,500.00
1495.	47S_BE_2998	DESIGN AND DEVELOPMENT OF FOLDABLE ELECTRIC VEHICLE	B.E.	MECHANICAL ENGINEERING	Prof. AKSHAY S. BHAT	Mr. P. ANIKETH SOLANKI Mr. PRAJWAL K. KALAL Mr. KARTHIK P. Mr. MANOJ S.	7,000.00
1496.	47S_BE_3747	DESIGN AND FABRICATION OF SOLAR RECHARGABLE MULTIPURPOSE ELECTRIC CART FOR SMALL SCALE VEGETABLE VENDER	B.E.	MECHANICAL ENGINEERING	Dr. RAGHU N.	Mr. SAI PRAJWAL D. S. Mr. UJWAL S. Mr. RAKSHITH K. S. Mr. SHREEKANTH P.	7,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

1497.	47S_BE_4070	DESIGN AND FABRICATION OF REFRIGERATION SYSTEM FOR PHYSICALLY CHALLENGED	B.E.	MECHANICAL ENGINEERING	Prof. AMRUTH E.	Mr. KAMAL C. Mr. NAREN GIRISH Mr. NITHIN K. G. Mr. MANIKANTAGOWDA B. PATIL	5,500.00
1498.	47S_BE_4999	A CFD STUDY ON NON-NEWTONIAN FLUID FLOW THROUGH VENTURIMETER	B.E.	MECHANICAL ENGINEERING	Prof. SUDHARSHAN N. Prof. RANJITH K.	Mr. THASHWIN R. Ms. JAHNAVI P. Mr. SHREENIDI C. Mr. SUMANTH B. M.	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	15-05-2024	NEFT Dr-P136240322802714-PRINCIPAL-BARB0VJVIDY	93,500



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 193. 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.)
1499.	47S_MSC_0059	DISCOVERY OF NEW BIS-IMIDAZOLE HETEROCYCLIC HYBRIDS; SYNTHESIS, ELECTROCHEMICAL, IN VITRO AND IN SILICO BIOLOGICAL ASSAYS	M.Sc	ORGANIC CHEMISTRY	Dr. S. M. BASAVARAJIAH Dr. SHARANGOUDA PATIL	Mr. BHARGAV P. Mr. SHREYAS R.	7,000.00
1500.	47S_MSC_0060	DESIGN, SYNTHESIS, SPECTRAL ANALYSIS, ELECTROCHEMICAL AND BIOLOGICAL PROPERTIES OF NOVEL ISATIN BASED IMIDAZOLE DERIVATIVES : IN VITRO AND IN SILICO STUDIES	M.Sc	ORGANIC CHEMISTRY	Dr. S. M. BASAVARAJIAH	Mr. VISHWAS ARADHYA K. J. Mr. HEMANTH T. J. Mr. NAVEEN H. R.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VIJAYA COLLEGE, BENGALURU	15-05-2024	AMT TRFD TO ACTS 47TH SERIES	14,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 194. VIJAYA VITTALA 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.)
1501.	47S_BE_4863	DETECTING FAKE NEWS IN SOCIAL MEDIA USING VOTING CLASSIFIER	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. MANGALA PATIL Prof. WILLIAM DEEPAN	Ms. DEVI D. Ms. JYOTHI PRIYA L. Ms. ROSHNI JUDE J. Ms. UCHHULA RATNA MELODY	5,000.00
1502.	47S_BE_3688	AEROBRAIN: THE ULTIMATE DIY FLIGHTCONTROLLER SOLUTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. KUSUMA S SALANKE	Ms. PRIYANKA Ms. SAMANTHA GLORIA Mr. HARI NARAYANA	5,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 195. VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1503.	47S_MTech_0134	AGGLOMERATION OF MANAGANESE FINES FOR EFFECTIVE UTILIZATION IN FERRO ALLOY MANUFATURING	M.Tech	MINERAL PROCESSING	Prof. P. SHARATH KUMAR	Mr. K. SURYA KOUSHIK Ms. ASHALATHA P. Mr. SHRISHAILA T.	7,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI	15-05-2024	NEFT Dr-P136240322802716-DIRECTOR-PKGB0010795	7,000

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 196. VISVESVARAYA TECHNOLOGICAL UNIVERSITY CENTRE FOR P.G. STUDIES, MYSURU

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1504.	47S_MCA_0039	GARBAGE COLLECTION APPLICATION	M.C.A.	COMPUTER APPLICATIONS	Dr. VIKAS S.	Ms. PRATHIBIMBA D. H. Ms. NIVEDITA M. H. Ms. CHINMAYEE C. P. Ms. SONU S.	5,500.00
1505.	47S_MBA_0098	SOLID WASTE MANAGEMENT IN MYSURU CITY	MBA	MBA	Dr. BHAGYALAKSHMI K. Dr. BABITHA THIMMAIAH N.	Mr. SANJAY KIRAN H. K. Ms. SPANDANA T. S. Ms. RADIKA K. G. Ms. PRIYANKA S.	3,500.00

**Note:**

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> and 45<sup>th</sup> series Utilization certificate and Statement of Expenditure.

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 197. VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAABI

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	AMOUNT SANCTIONED (Rs.)
1506.	47S_BE_5416	DESIGN AND DEVELOPMENT OF VERSATILE HUMANOID SERVICE ROBOT	B.E.	ROBOTICS AND AUTOMATION	Dr. ANIL POL	Mr. CHINMAYAGOUDA PATIL Ms. DIVYA HEGDE Mr. SUMANT MALAJI Mr. YOGESH BADIGER	5,000.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, DEPARTMENT OF P.G. STUDIES, BELAGAABI	15-05-2024	NEFT Dr-P136240322802718-VTU BELGAUM FINANCE-SBIN0040649	5,000

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 198. 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.)
1507.	47S_BE_3285	DIABETIC RETINOPATHY DETECTION USING CNN	B.E.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Prof. VAISHNAVI K. V.	Mr. BHEEMAIHAH M. B. Mr. DHANUSH CHINMAY R. Mr. NIKSHITH SURENDRA Mr. VAISHAK NACHAPPA B P	5,000.00
1508.	47S_BE_2842	DESIGN AND ANALYSIS OF G+4 FLOOR BUILDING	B.E.	CIVIL ENGINEERING	Prof. SUREKHA T. Dr. SUBHRAMANYA R. M.	Mr. SUJAY S. Mr. BHARATHRAJ K. Mr. ABHIRANJAN H.	4,000.00
1509.	47S_BE_4654	INFLUENCE OF MEMBRANE BIOREACTOR UNIT DESIGNED USING LOCALLY AVAILABLE MATERIALS FOR THE RURAL RESIDENTIAL DISPOSAL	B.E.	CIVIL ENGINEERING	Dr. SOWMYA N. J.	Ms. SHREYA D. MOOLYA Ms. DEEKSHITHA Ms. BHAVANI G. R.	5,000.00
1510.	47S_MCA_0016	SMART BEEHIVE MONITORING SYSTEM FOR SUSTAINABLE BEEKEEPING	M.C.A.	COMPUTER APPLICATIONS	Dr. VANDANA B. S.	Mr. SHODHAN P. G.	5,500.00
1511.	47S_BE_0888	HASTHA SAMUDRIKA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRAMOD KUMAR P. M.	Ms. SHRAVYA M. Ms. THRISHA B. BHAT Ms. PRUTHVI SHANKAR NAIK Ms. SAMIKSHA B.	5,000.00

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1512.	47S_BE_1798	HEALTHCARE MONITORING FOR PREGNANT WOMEN USING IOT AND ML	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. UMA K. P.	Ms. NISHMITHA K. Ms. HARSHITHA P. Ms. POOJA M. Mr. GOKUL K. J.	4,000.00
1513.	47S_BE_1815	CHICKEN DISEASE CLASSIFICATION BASED ON FECES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SAVITHA M.	Ms. SHARVANI K. Mr. TUSHAR SHETTY Ms. CHAITHANYA RAO	4,500.00
1514.	47S_BE_1840	DETECTION OF DENTAL CAVITY	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. PRADEEP KUMAR K. G.	Mr. PRABUL UMESH DURGEKAR Ms. KRITHISHA Ms. MEDINI H. Mr. MUKUNDA S. V.	2,000.00
1515.	47S_BE_2004	EYESHARP	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. JEEVITHA B. K.	Mr. H. DHEERAJ K. Mr. ABHIRAMDEV N. Mr. ASHWIN NARAYANAN Mr. KEERTHI G.	4,000.00
1516.	47S_BE_2309	SPEAKSURE- SYSTEM FOR DETECTING AI GENERATED FAKE VOICES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHRINIDHI A.	Ms. GAUTHAMI K. T. Ms. GEETHA K. M. Ms. NIRIKSHA K. Ms. POOJASHREE K.	4,000.00
1517.	47S_BE_3287	DESIGN AND IMPLEMENTATION OF A SMART INHALER FOR ASTHMA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. SHREYAS H.	Mr. VAIBHAV NANAI AH B. P. Mr. CHARAN S. M. Mr. PRAJWAL C. J. Mr. SOMANNA M. D.	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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1518.	47S_MBA_0034	SUSTAINABLE ENERGY PRACTICES: A STUDY ON SOLAR ENERGY USAGE IN SELECTED DAKSHINA KANNADA TALUKS	MBA	FINANCE AND HUMAN RESOURCE	Prof. ASHLEY D SOUZA Mr. RAKESH M.	Ms. DEEKSHA RAI Mr. SHIVU A. V. Ms. HARSHITHA K. K. DHANYESH S N	3,000.00
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#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA	15-05-2024	AMT TRFD TO ACTS 47TH SERIES SPP	51,000



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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 199. 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.)
1519.	47S_BE_3671	EXPERIMENTAL STUDY ON INFLUENCE OF NANO SILICA ON CEMENT PASTE AND MORTAR	B.E.	CIVIL ENGINEERING	Mr. HARISH T. S.	Mr. K. DIVYA Mr. KAVYA B. R. Mr. MADHU SHARAN	5,500.00

#### Transaction Details:

NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU	15-05-2024	NEFT Dr-P136240322802719-VIVEKANANDA INSTITUTE OF TECHNOLOGY-SBIN0040844	5,500

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 200. 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.)
1520.	47S_BE_0244	FRAMEWORK FOR IMAGE TO RECIPE GENERATION SYSTEM USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MANJUNATH RAIKAR	Mr. KARTHIKEYAN Ms. BRINDA R. Ms. U. PRATHIKSHA SHENOY Mr. VIGNESHWARAN	4,500.00
1521.	47S_BE_1224	MORPHOLOGICAL ANALYSIS OF DENTAL IMAGES USING DEEP LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SLEEBA MATHEW C.	Mr. SAMARTH P. NAIK Mr. SOUPARNIKA S. D. Mr. IBRAHIM NASEEF Mr. MOHAMED SAHIL	3,000.00
1522.	47S_BE_4295	SMART AGRO FARM GUARD AND IRRIGATION CONTROL	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Prof. G. B. PRAVEEN	Mr. GURUPRASAD Mr. ABHISHEK Mr. GANESHA Mr. ABHISHEK R.	4,500.00
1523.	47S_BE_1645	AQUANEBULA: AIR-TO-WATER GENERATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. GANGADHARA	Ms. VEEKSHITHA Ms. HITHA S. CHOWTA Ms. NAEEMA THASNEEM Ms. SAVI S. CHOWTA	5,000.00
1524.	47S_BE_2162	BREATHEZEO -ZEOLITE'S SOLUTION FOR AIR PURIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. PAVITHRA S. G.	Ms. ASHALATHA Ms. CHAITHANYA N. D. Ms. SHRIRAKSHA Ms. SHRUTHI NAYAK	5,000.00

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

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1525.	47S_BE_5131	YEN VISION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. SHASHANK M. GOWDA	Mr. SAGAR R. S. Mr. KHADER AFEEZ ADDUR Mr. MUHAMMAD ARSHAD Mr. PRAKASH JASON LOBO	5,000.00
1526.	47S_BE_2064	AUTOMATED CAMERA TRACKING AND IR EMISSION SYSTEM	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ASIF MULLA	Ms. SAFA BANU Ms. SAHANA Mr. ANMOL FERNANDIS Mr. RAJATH	5,000.00
1527.	47S_BE_2086	DOORBELL SYSTEM FOR DEAF USING IOT	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. ASIF MULLA	Ms. SHREERAKSHA Mr. SHASHANTH Mr. ASHWATH SHETTY S. Mr. MANJUNATHA SHETTY	5,000.00
1528.	47S_BE_3680	SECUREPIX: KEEPING MESSAGES SAFE IN PIXELS THROUGH ECC	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. DEEKSHA K. R.	Mr. STEEVAN SEBASTIN Mr. NADEEM NOUSHAD Mr. PRANAV T. S. Mr. SARIES FARIJE	4,000.00
1529.	47S_BE_2069	AUTOMATIC HANDBRAKE SYSTEM	B.E.	MECHANICAL ENGINEERING	Prof. VENKATESH RAO Prof. RAVINDRA NAIK	Mr. ANANDHU ANILKUMAR Mr. AKSHAY K. Mr. ANASYOOTH V. P. Mr. DISHEIK K.	6,500.00

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1530.	47S_BE_3306	DESIGN AND FABRICATION OF SPINAL SUPPORT FOR PREGNANT WOMEN	B.E.	MECHANICAL ENGINEERING	Prof. VANI R.	Mr. MUHAMMED JAFER K. P. B. Mr. ANANDHU K RAJEEVAN Mr. JISHNU PRASANTH Mr. NIKETH JAYARAJ	6,500.00
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**Note:** The projects highlighted in grey are funded by AI & Robotics Technology Park (ART-Park), IISc. The funds for these projects have been released separately to the institution. Please ensure that the utilization certificate for these funds is submitted separately and acknowledged in the Project Completion Report.

#### Transaction Details:

	NAME OF THE ACCOUNT HODLER	DATE OF TRANSACTION	TRANCTION DETAILS	AMOUNT
<b>KSCST Sponsorship</b>	YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU	28-05-2024	NEFT Dr-P149240325299440-YENEPOYA INSTITUTE OF TECHNOLOGY-HDFC0001269	44,000
<b>ART PARK sponsorship</b>		05-06-2024	AMT TRFD TO ACTS WITH REFERENCE NIMBER 36522273921DC	10,000