



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

### MIDTERM EVALUATION

**Date:** 25 April 2025, 9.30 AM

**Session Link:** <https://meet.google.com/mxd-rgzz-arw>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	48S_BE_2637	AUTONOMOUS TRAFFIC SIGN CONTROL SYSTEM USING WIRELESS COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Prof. SHWETHA S R	Mr. SUMANTH S Ms. N CHAYA Mr. DHINESHKUMAR N B
2.	48S_BE_4008	RECHARGEABLE BATTERY-BASED ARECANUT HARVESTING MACHINE WITH CLIMBING AND ARECANUT COLLECTING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Mr. AJITHANJAYA KUMAR M.K.	Mr. MAQUIN LAWRENCE CORDERIO Mr. AKASH Ms. POORVI J RAI Mr. PRATHAM S SHETTY
3.	48S_BE_4714	SMART-STEER: ADVANCED DRIVER ASSISTANCE USING LANE AND COLLISION DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Dr. JENNIFER CHARLOTTE SALDANHA	Mr. WILROY SHOAN DCUNHA Mr. RANJITH R Mr. ABHISHEK G M Mr. ANAND ACHARYA
4.	48S_BE_4742	DRY SOLAR PANEL CLEANING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Ms. VIJAYALAXMI H MANJUNATHA	Mr. B. VIKAS Mr. AKARSHAN V H Mr. DEEVITH HEGDE Mr. MANISH

5.	48S_BE_4857	MULTI TERRAIN INDUSTRIAL PATROLLING AND MONITORING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Mrs. JAYALAKSHMI K P	Mr. LOYD LOBO Mr. AASHISH MANUEL NORONHA Mr. JASON LINUS RODRIGUES Mr. LANVIL D'SA
6.	48S_BE_5553	SAHAY- SMART ASSISTANT BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Ms. FLORENCE NISHMITHA	Mr. MOHAMMED FUZAIL Ms. PRERANA P Ms. SIMONE DSOUZA Ms. SINCHANA B R
7.	48S_BE_5572	HER-ALLY: AI PHYSIOTHERAPY ASSISTANT FOR BREAST CANCER PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Ms. SHAMA B N	Ms. JANE LINDA PEREIRA Ms. GAYATRI N SHETTY Ms. KARUNYA K P Ms. PALLAVI GANESH PAI U
8.	48S_BE_2453	SMART ASSISTING SYSTEM FOR PARALYSIS PATIENTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Mrs. SHRUTHI B	Mr. GOWTHAM R Ms. ANJALI S S Mr. ADITYA SHRISHAIL TIRKI Ms. LAVANYA K
9.	48S_BE_4209	DESIGN AND DEVELOPMENT OF PROGRAMMABLE LOGIC CONTROLLER WITH MULTIFUNCTIONAL I/O PINS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. LOKESH M	Mr. T L SRINATH Ms. SANJANA K Ms. SWATI KUMAR GOWDA Mr. YASHWANTH N
10.	48S_BE_5390	UNDERGROUND CABLE FAULT DETECTION SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. MALATHI M	Mr. SAGNIK SAHA Mr. SHUBHAM KUMAR Ms. SABA IRAM N Mr. VIVEK SHARMA
11.	48S_BE_5212	DESIGN AND DEVELOPMENT OF A STEREO VISION-BASED DEPTH MAPPING SYSTEM FOR SURVEILLANCE IN UNDERGROUND MINING ENVIRONMENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. REMYA JAYACHANDRAN	Mr. ANUSH R HALAPPANAVAR Mr. ABHISHEK C M Mr. CHARAN S HEGDE Mr. LAXMAN K BUDNI

12.	48S_BE_5282	DESIGN AND IMPLEMENTATION OF A NOVEL GNSS-BASED TOLL COLLECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. RAGHU J	Mr. PRABHANJAN N KULKARNI Mr. PRITHVI VITTAL GOPINATH Mr. NIHAR R P Mr. SONTA PRANEET
13.	48S_BE_4938	WASTE TO WATTS - INNOVATING SUSTAINABLE ENERGY GENERATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Prof. SUMITHA T L	Mr. SUJITH K Mr. MANOHAR B Mr. NIRANJANA MURTHY MS Mr. SANTHOSH B
14.	48S_BE_6159	TUNABLE GRIP MEASUREMENT DEVICE FOR ARTHRITIS PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Dr. PREETA SHARAN Prof. TINA ELIZABETH THOMAS	Mr. S ANIL KUMAR Ms. BRINDA J Ms. SANDHYA G Ms. NANDINI G S
15.	48S_BE_6298	DEVELOPMENT OF DRAWBRIDGE IN TRAIN FOR PHYSICALLY DISABLED PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	TONTADARYA COLLEGE OF ENGINEERING, GADAG	Dr. MALLIKARJINA G. D.	Ms. SADHANA S. H. Mr. DARSHAN S. K. Ms. VIJAYALAKSHMI C. S. Mr. RAKESHA T
16.	48S_BE_6423	LINEMAN SAFETY USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE	Mrs. PALLAVI B	Mr. BHARATH KUMAR M Ms. BINDU T S Mr. CHAMAN ALI B Ms. CHAMPA V
17.	48S_BE_5993	COMPACT SANITARY NAPKIN INCINERATOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VEERAPPA NISTY ENGINEERING COLLEGE, YADGIR	Prof. PARVATI PATIL	Ms. ANUSHA Mr. CHETAN Mr. MOHAMMED ADNAN HUSSAIN Mr. REVANSIDDAYASWAMY G C
18.	48S_BE_4734	ECOSMART PLASMA SYSTEMS FOR THE TREATMENT OF INDUSTRIAL EFFLUENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Dr. SHAMALA N	Ms. BHOOMIKA HP Ms. BHAVANA MP Mr. KUSHIL R GOWDA Mr. MANU NE

19.	48S_BE_4768	DEPLOYMENT OF SOLAR & IOT-BASED HYBRID EV CHARGING STATION WITH SLOT PRE-BOOKING & AUTO-SWITCHING FEATURES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Dr. ZUHAIB BAIG	Mr. UDAY ARAVINDAN S Ms. NAMRATHA C S Ms. NETHRAVATHI Mr. SANJAY D P
20.	48S_BE_4822	BRAIN CONTROL WHEEL CHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Prof. DHARSHAN BG Prof. MANJUNATHA B	Ms. BI BI HAJIRA Mr. AMRUTH GOWDA MR Ms. MAMATHA D Mr. SHASHANK KA
21.	48S_BE_4881	AI-DRIVEN SMART CAMPUS ASSISTANT FOR NAVIGATION AND INFORMATION MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Prof. SOWMYA G	Ms. SPOORTHI M R Ms. NIKHITHA G N Mr. ROHAN M V Mr. SALOMAN
22.	48S_BE_4885	DIVYA KAVACH - THE GUARDIAN BANGLE FOR WOMEN	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Ms. GAGANAMBHA Mrs. VARSHA V	Ms. RACHANA S Ms. PRIYADARSHINI R Mr. LIKHITH KUMAR K Mr. VIJAY KUMAR S
23.	48S_BE_4973	SMART ASSISTIVE COMMUNICATION SYSTEM FOR THE HEARING AND SPEECH IMPAIRED	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Dr. SHAMALA N	Ms. RAKSHITHA.P Ms. SUSHMITHA S Mr. ROHITH A V Mr. S M HEMANTH
24.	48S_BE_5072	GROUND WATER CHANNEL IDENTIFICATION ROBOT USING RADAR BASED ON DOPPLER EFFECT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Prof. VARSHA V Prof. GAGANAMBHA	Ms. ASHWINI S A Mr. DARSHAN B M Mr. DARSHAN G Mr. MAHADEVASWAMY B

25.	48S_BE_3329	ENERGY EFFICIENT AND ENVIRONMENTAL FRIENDLY ELECTRIC POWER TILLING MACHINE FOR SMALL SCALE FARMERS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. GOPALA REDDY K Prof. GOUTHAM B	Mr. NIRANJAN R Mr. RAMACHANDRA D N Mr. MAHADEVAPRASAD K D Mr. PREETHAM D
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