



# 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:** 24 April 2025, 9.30 AM

**Session Link:** <https://meet.google.com/zzb-mxei-ptb>

**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_3645	DESIGN OF AFFORDABLE 3D FOOD PRINTER FOR CUSTOMIZED CHOCOLATE MAKING, HEALTH AND NUTRITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Dr. SUPANNA S. SHIRGUPPE	Mr. FARHAN S. KITTUR Mr. ABRAR N. AUTI Mr. INAMULHAQ A. PATHAN Ms. ADIBA A. SAYED
2.	48S_BE_3710	DESIGN AND IMPLEMENTATION OF MICRO SOLAR DOME	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. BASAVARAJ S HUGAR	Ms. LAXMI ISHWAR NAIKAR Mr. ALFAZ K SHARIF Mr. AYAN MANNURKAR
3.	48S_BE_4367	EFFECTIVE SMART TWO-WAY COMMUNICATION DEVICE FOR DEAF AND DUMB PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Dr. LALITHA DARBHA	Mr. OM KANGURI Mr. MALLIKARUN KADAKOL Mr. VINAY S KOLKAR
4.	48S_BE_3845	SOLAR DRIVEN AIR CLEANSER FOR INDOOR AND OUTDOOR AIR PURIFICATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SANDEEP S R	Ms. ANUPRIYA S Ms. PREETHI B Ms. SPANDANA K

5.	48S_BE_5100	ELECTRICITY PRODUCTION USING BIOGAS FOR RURAL AREA	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI	Prof. GURURAJ SAJJAN	Ms. SNEHA
6.	48S_BE_5128	SMART AMBU-BAG COMPRESSION MACHINE FOR LOW- COST VENTILATORS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SHETTY INSTITUTE OF TECHNOLOGY, KALABURAGI	Prof. DATTATRAYA RAGHOJI	Mr. SYED UZAIR
7.	48S_BE_4819	RAILWAY TRACK CRACK DETECTION AND ALERT MESSAGE BY IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Dr. TANUJA K S	Mr. SHASHANK TALAWAR Mr. ANANDA NAYAKA KS Mr. VIJAYA DEVADIGA Mr. SIDDESHA S B
8.	48S_BE_5325	CLEAN TECHNOLOGY USING ALKALINE BASED GREEN HYDROGEN ELECTROLYZER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. P. KEZIA JOY KUMARI	Mr. PRAJWAL.A Ms. PRIYANKA.T Mr. SRIKANTH.S
9.	48S_BE_4344	SMART MUNICIPAL WASTE UTILIZATION FOR ENERGY, CARBON RECYCLING, AND EV CHARGING POWERED BY IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Prof. SHIVALINGAPPA D R Mrs. PRATIMA B KADEKAR	Mr. DEVINDRA PAWAR Ms. ANNAPURNA G KARIKAI Ms. PRIYANKA K. OLEKAR Mr. ROOPESH. MAJJIGUDDA
10.	48S_BE_4352	GEOTHERM HUMAN ISOLATED ATOMIZER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Prof. SHIVALINGAPPA.D.	Mr. NAGARAJ.H. BEVINMARAD Mr. FAKKIRESH.TIRAKAPPA. NAVHI Mr. KRISHNAPPA.P. SOMARADDI Mr. NAVEENKUMAR.M. SARVADE
11.	48S_BE_6418	SAFETY INTEGRATED AND ENVIRONMENTAL SOLUTION FOR GHAT ROADS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Mrs. PRATIMA B KADEKAR	Mr. SHRIDHAR NAVALI Mr. HARISH D DANADAMANI Mr. RAJSHEKHAR P KARIGAR Ms. AISHWARYA R HIREMATH

12.	48S_BE_4995	IDENTIFICATION OF ARTIFICIALLY RIPENED EDIBLE FRUITS AND VEGETABLES USING IOT INTEGRATED WITH AI	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. MALINI K V Dr. RAMYA K	Ms. MEGHANA V Mr. M CHETHAN Mr. PRUTHVI RAJ G Mr. ARJUN M
13.	48S_BE_1586	SMART ELECTRICAL VEHICLE CHARGING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. YOGANANDA B S	Ms. RAMYA C P Ms. GANAVI M S Mr. PREETHAM N S Ms. RUTHVI K L
14.	48S_BE_3505	DESIGN AND DEVELOPMENT OF DC-DC CONVERTERS FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. YOGANANDA B S	Mr. SACHIN NAIK R Mr. N VEERESH Mr. GURURAJA A N Mr. RAGHAVENDRA D Y
15.	48S_BE_5509	ADVANCED FLUENCY AUGMENTATION FRAMEWORK FOR STUTTERED SPEECH RECOGNITION AND ARTICULATION CORRECTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. JAGADISHA K R	Ms. ANJALI MANOJ PHADTHARE Ms. BHAVANA H L Ms. HARSHITHA N P Ms. LIKHITHA S
16.	48S_BE_6187	DESIGN AND DEVELOPMENT OF AN EARLY WARNING SYSTEM USING SENSOR TECHNOLOGY FOR IDENTIFICATION OF A LANDSLIDE IN HILLY REGION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. PRAVEEN KUMAR C	Ms. VINUTA PATIL Ms. SHUBHA B S Ms. SMITHA G R Ms. TANUJA N
17.	48S_BE_6446	TO DESIGN AND IMPLEMENT AN AUTOMATED SYSTEM TO MEASURE BORE WELL DEPTH AND CASING LENGTH USING SENSOR TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. PRAVEEN KUMAR C	Ms. NANDU KUMARI G Mr. JAYANTH.H L Ms. KEERTHANA R Mr. RAGHAVENDRA R
18.	48S_BE_4337	DRIVER HEALTH AND BEHAVIOUR MONITORING SYSTEM WITH V2H AND V2V COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Mrs. ASHWINI A M	Mr. VIGNESH B

19.	48S_BE_4463	SMART WIRELESS WATER METER USING WEB DB	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Mrs. SWETHA S KULKARNI Dr. DEEPTI RAJ	Mr. K SANTOSH Mr. HARSHAN S Mr. MANOJ KUMAR C S Mr. SANDEEPKUMAR S
20.	48S_BE_4744	ENERGY OPTIMIZATION TECHNOLOGIES IN SMART HOMES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. SATHISH B S	Mr. ADARSH GOWDA M Mr. GANASHIVA A Mr. NIRANJAN N B Ms. SINDHU M
21.	48S_BE_4749	MULTI-LINGUAL EMERGENCY FM BROADCASTING EMBEDDED SYSTEM FOR PUBLIC SAFETY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. POORNIMA G R Prof. MEGHAVARSHINI S K	Mr. CHANDAN KUMAR K V Mr. DARSHAN A R Ms. PAVANA S
22.	48S_BE_4791	A NOVEL IOT BASED SHORT CIRCUIT PROTECTION SYSTEM FOR EV CHARGING STATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. JIJESH J J Dr. VINEETH KUMAR PK	Ms. VARSHA M Ms. PREETHI S Mr. YOGESHA R Mr. YASHWANTH K
23.	48S_BE_4838	IMPLEMENTATION OF DYNAMIC THRUST VECTOR CONTROL FOR HIGH-PRECISION ORIENTATION, AND ALTITUDE STABILIZATION IN ADVANCED DEFENSE AND SPACECRAFT APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. VINEETH KUMAR P K Dr. JIJESH J J	Ms. SAANIYA ZAINAB Mr. SATHWIK P BHARADWAJ Mr. SHASHANK S Ms. ANJALI CHAUHAN
24.	48S_BE_5148	DESIGN AND DEVELOPMENT OF GPS BASED TOLL COLLECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Prof. VIKAS H	Mr. SUNIL N Mr. SHASHANKA H T Mr. RAAVI CHAITHANYA Mr. ROHAN KUMAR B V

25.	48S_BE_6100	IOT BASED AUTOMATIC VEHICLE COUNTING SMART SYSTEM FOR INDIAN URBAN DEVELOPMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Mr. DIVAKARA M Mrs. MEGHAVARSHINI S K	Ms. SHREYA V Ms. R DONISHA Ms. T KEERTHANA Ms. TEJASWINI J R
26.	48S_BE_1527	SKIN CANCER DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. NAGALAKSHMI B NAIK Prof. CLITUS NEIL D SOUZA	Ms. SANCHITHA Ms. DEEKSHA Ms. DIVYA Ms. CHETANA
27.	48S_BE_1545	HUMANOID ROBOTIC LEG	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. FLAVITA JANICE PINTO Prof. CLITUS NEIL D SOUZA	Mr. KOWSTUBHA M A Ms. ABHIJNA SANIL Ms. NAVYA S SHETTY Mr. VINAYAK ACHARYA
28.	48S_BE_1815	HARNESSING AI FOR ORAL CANCER SCREENING A DEEP LEARNING APPROACH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Mrs. DEEKSHA	Mr. DHANUSH Mr. VIKAS Ms. KAVYA Mr. PRAJWAL
29.	48S_BE_2025	DIGITAL PARKING ASSISTANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. SOORYA KRISHNA K	Mr. IBRAHIM KHALEEL Mr. MANISH Mr. SADRUSHA Ms. LISHA D S
30.	48S_BE_2906	EXTERNAL ELECTRONIC PROJECT SETUP FOR REMOTE CONTROL OF 3 PHASE MOTOR PUMP USED FOR DRINKING WATER SUPPLY [EEPROM]	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Mr. SATHISH KUMAR	Mr. LATHISH K Mr. BALU SRINIVASALU V Mr. SANJAY V S Mr. SUHAL M S