



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

48th series of Student Project Programme (SPP): 2024-25

MIDTERM EVALUATION

Date: 24 April 2025, 10.00 AM

Session Link: <https://meet.google.com/wfq-thyw-bry>

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_0167	SAFEMINE : ADVANCED MINE HELMET WITH REAL TIME GAS MONITORING AND AUTOMATIC OXYGEN SUPPLY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mrs. SMITHA AB	Mr. CP CHIRAG Mr. GURUDEEP Mr. PREETHAM ALVA Ms. SUHANI SM
2.	48S_BE_0169	DEVELOPMENT OF AN AUTONOMOUS SURFACE VEHICLE FOR REAL TIME AQUATIC ENVIRONMENT MONITORING AND DEPTH MAPPING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. PRAVEEN KUMAR M	Mr. CHIRAG Mr. ABHISHEK NAYAK Mr. AJAY Mr. JEEVAN K
3.	48S_BE_0173	BORDER IDENTIFICATION AND GEOFENCING ALERT SYSTEM FOR FISHERMEN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mrs. ROOPASHREE	Ms. TUSHA P SHETTY Ms. DEEKSHITHA Ms. HARISMITHA Ms. HITHA SHETTY
4.	48S_BE_0177	ENERGIZEAIR: INTELLIGENT O ₂ INFUSION MECHANISM FOR SUPERIOR INDOOR AIR QUALITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Ms. SMITHA A.B	Ms. DRISHYA DEVANAND Mr. JOEL RIXON DSOUZA Ms. NEHA DINESH Mr. SAMARTH S KUMAR
5.	48S_BE_0200	PORTABLE SALINE WATER SYNTHESIZER AND PURIFIER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. ASHOKA A	Mr. SHIVAN V NAIK Mr. VINITH KAMATH G Mr. S VIDHIN KUMAR

6.	48S_BE_0732	MOBILITY ASSISTANCE FOR AMYOTROPHIC LATERAL SCLEROSIS USING EYE GAZE TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. ABHISHEK A B Ms. PRAPULLA G	Mr. AKSHAY MARUTI SHET Ms. KHUSHI B SHETTY Mr. SRUJAL BIRADAR Ms. VIDHISHA SHEETY
7.	48S_BE_2918	SPEECH-ENABLED DISEASE IDENTIFICATION USING ARTIFICIAL INTELLIGENCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. VANI B P	Mr. ADITYA RANJAN Mr. KAPIL YADAV Mr. INESH N GANGAPUR Mr. PRASANNA M
8.	48S_BE_1286	INTELLI COOP: ADVANCED MONITORING SYSTEM FOR PRECISION POULTRY FARMING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. BHARGAVI ARUN KULKARNI	Ms. G BHAVANA Ms. SOUNDARYA M. R. Mr. SUMANTH J Mr. VIKAS Y
9.	48S_BE_1397	FORTIFYX: THE RISK RANGER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ANUPAMA HONGAL	Mr. MAHENDAR. R Mr. PRASANNA. R Mr. RAJESH DB Mr. SUHAS REDDY
10.	48S_BE_1415	GRIDIQ360 : SMART DETECTION AND SURVEILLANCE FOR POWER SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ANUPAMA HONGAL	Ms. SHILPA K Ms. SABITA DAS Ms. S HARSHITHA Ms. PRERANA M
11.	48S_BE_1424	CURVEGUARD - A HAIRPIN BEND ACCIDENT PREVENTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. S. SOWNDESWARI	Mr. DEEPAK D R Mr. CHANDAN K Mr. SANJAY T Mr. VIGNESH D
12.	48S_BE_2993	IOT BASED AUTOMATED PARALYZED PATIENT HEALTHCARE SYSTEM USING AUDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAMBHRAM INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. C SRIVANI	Mr. RUPESH KUMAR GUPTA Mr. ANKIT ANURAG Mr. RAM KRISHNA Ms. RUTHIKA K SHETTY
13.	48S_MSC_0292	NANO PAPAYARX: REVOLUTIONIZING CANCER AND HEPATOPROTECTION WITH BIO-SILVER NANOPARTICLES	M.Sc	ALLIED HEALTHCARE AND SCIENCES	SCHOOL OF SCIENCES, JAIN (DEEMED TO BE UNIVERSITY), BENGALURU	Prof. YASRIB QURISHI Dr. VISHAL KALEBUR	Ms. RAHEENA N Ms. NIKITHA N Ms. ABANTIKA CHAKRAVARTY

14.	48S_BE_4398	IOT-ENABLED SMART WATER BILLING SYSTEM FOR APARTMENTS WITH ANDROID INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Dr. MD. ZIAULLAH Prof. AARIF MAKANDAR	Mr. MAHAMMADSHOAIB MULLA Mr. SAMEER SARALAYA Mr. PRANAV PATIL
15.	48S_BE_5607	BILL PREDICTION AND POWER FACTOR MEASURING WITH SMS ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Mrs. UZMA SATTEEKAR Prof. MALLANAGOUDA CHIKKOND	Ms. ASFIYAKOUSAR GOLASANGI Ms. ASHA ZALAKI Ms. BIBI FATIMA TENNALLI Ms. GAIKWAD SONU RAJU
16.	48S_BE_5631	INTELLIGENT HIGHWAY FOR CONTROLLING SPEED OF VEHICLES IN RESTRICTED AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. MALLANAGOUD CHIKKOND Dr. MOHAMMAD ZIAULLAH	Mr. MOHAMMED AKBAR INAMDAR Mr. AFTABAHMED BHAIKWADGI Mr. MAHAMMAD FARDEEN M ZARIWALE
17.	48S_BE_4643	HEATING AND COOLING SUITE FOR MILITARY PEOPLE AND LOCATION TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. NAGAVENI K Mrs. LAXMI PATIL	Ms. VIJAYLAKSHMI Ms. SUCHITA Ms. VIJAYALAXMI Ms. SHREENIDHI
18.	48S_BE_4644	SMART TRAIN ENGINE WITH OBSTACLE DETECTION AND RAILWAY GATE CONTROL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Prof. SHIVLEELA REVOOR Dr. SANGEETA PATIL	Ms. SOUMYA KANKARI Ms. SAKSHI Ms. SUSHMA MYAGERI Ms. RAJNI
19.	48S_BE_4667	GSM BASED MULTI-PARAMETER INDUSTRIAL MOTOR CONTROL AND MONITOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. PRAVEEN HIPPARGE Dr. SHIVAKUMAR JAWALIGI	Mr. PAVAN Mr. SAIKIRAN CHANDAPUR Mr. SHASHANK.S.WALI Mr. SHRINIVAS KULKARNI
20.	48S_BE_5240	WOMEN SAFETY BANGLES WITH TRACKING ALERTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Prof. BHAVANI R Prof. SHOBHANA	Ms. SOUMYA Ms. SHARANAMMA Ms. POOJA Ms. PRATIBHA

21.	48S_BE_5653	A PORTABLE VENTILATOR WITH AUTONOMOUS ROBOTIC MOVEMENT FOR PATIENT CARE AND MOBILITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Mrs. VANITA K Mrs. SHIVGANGA PATIL	Ms. RATNASHREE P MALLSHETTY Ms. SHWETA BHIKAMALE Ms. VAISHNAVI HARKUDE
22.	48S_BE_5788	AUTOMATIC FIRE EXTINGUISHER USING SMART CAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. SHARNU KORISHETTY Dr. SHIVAKUMAR JAWALIGI	Mr. VIVEK Mr. BASAVARAJ Mr. SHARANABASAPPA Mr. SHREYAS
23.	48S_BE_6167	IOT BASED SMART AIRBAG DEPLOYMENT SYSTEM IN TWO WHEELERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Prof. RATNAMALA. S. PATIL Prof. ABHILASHA A. PATIL	Ms. VAIDEHI KABA Ms. SYEDA AFIFA FATIMA Ms. SIMRAN SANIYA Ms. SABA FARHEEN