

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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47th series of Student Project Programme (SPP): 2023-24

MIDTERM EVALUATION

Date: 27 May 2024, 1.30 PM

Session Link: <https://meet.google.com/ydk-vsurr-jrn>

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.	47S_BE_3064	UNDERWATER AUDIO AND DATA TRANSMISSION USING LI-FI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. SIDDALINGAPP AGOUDA BIRADAR	Ms. PRAGATI R. MUSALE Ms. ANUSHA KUMARI Ms. APOORVA N. Ms. IMPANA B.
2.	47S_BE_3136	CODEAF	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. ROOPA R. KULKARNI	Mr. TEJAS M. P. Ms. SHRAVYA R. Ms. TANIYA FATIMA Mr. VISHAL SREENIVAS
3.	47S_BE_3501	BRAIN TUMOUR DETECTION USING MRI IMAGES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Mr. MANU H. M.	Mr. YELLA AJAY KUMAR REDDY Mr. ROHITH Y. Mr. SHREYAS B. M. Mr. YASHWITH K. V.
4.	47S_BE_3509	OPTIMIZATION OF 2-D NANORIBBON INTERCONNECTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. MALLIKARJUN P. Y.	Mr. VIVEKA KRISHNA GOND Mr. SURAJ K. R. Mr. PRAJITH S. A. Mr. PRAVEEN B.
5.	47S_BE_3686	DESIGN AND IMPLICATIONS OF RADIX 4-8 MODIFIED BOOTH'S ENCODER USING FPGA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Ms. SINDHU K.	Ms. SOUNDARYA K. Ms. SOUNDARYA A. Ms. KALAVATHI K. P.

6.	47S_BE_5021	HYBRID - GWO ALGORITHM BASED PID CONTROLLER FOR QUADCOPTERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. SUMAIYA M. N.	Mr. AKSHAY KALASH Ms. KAVYA N. PUJARI Mr. K. GOPI CHOWDARY Mr. LAKSHMISH T. G.
7.	47S_BE_0607	CONNECTING SAFETY ON RAILWAY TRACKS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. T. C. MANJUNATH Prof. PAVITHRA G.	Ms. SAHANA GURURAJ MALAGALI Mr. SAGARAGOUDA Ms. SRUJANA C. H.
8.	47S_BE_0618	IOT BASED SOLAR POWERED COLD STORAGE FOR STREET VENDORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. T. C. MANJUNATH Prof. PAVITHRA G.	Ms. ANUPRIYA D. Ms. AFIRA ANSARI Mr. AKSHAT KUMAR Mr. ANANTH AGRAWAL
9.	47S_BE_0691	DESIGN AND DEVELOPMENT OF AI BASED ROBOT TO SOCIALLY INTERACT WITH AUTISTIC CHILDREN	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. MANASA R.	Ms. RAMYA SHREE S. Ms. POOJA B. G. Ms. POOJA S. KUNDARGI Mr. SAIF HUSSAIN
10.	47S_BE_3540	AUTONOMOUS ROVER FOR MAPPING AND OBJECT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. DINESHA P.	Mr. SHAMAS ARMAR Mr. SHREEJITH KINNAL Mr. SHREYAS N. SASTRY Mr. SHIVA CHAUBEY
11.	47S_BE_1619	NURTURING FEMININE SAFETY AND HYGIENE SOLUTION - NAPKIN VENDING & DISPOSAL QR CODE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. BHAGYA P. Dr. ASHWATH NARAYANA B. S.	Ms. RAKSHITHA S. HIREMATH Mr. SYED SAUD UR REHMAN
12.	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	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ASHWATH NARAYANA B. S.	Mr. DARSHAN GOWDA M. Mr. AKSHAY C. S. Mr. BHARATH V. Mr. DEEPAK B.
13.	47S_BE_2420	RASPBERRY PI BASED WEARABLE TEXT TO SPEECH COMPANION FOR EYES FREE READER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. TEJASWINI M. L.	Ms. KIRANMAYI M. Ms. BHUMIKA P. Ms. CHAITHANYA C. Mr. HARSHA N.

14.	47S_BE_2599	TRAFFIC CONTROL SYSTEM USING IOT AND MACHINE LEARNING FOR ADAPTIVE AMBULANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SURESHA H. S.	Ms. JAYASHREE A. R. Ms. APOORVA M. Mr. DEEPAK C. GOWDA Mr. GOUTHAM B.
15.	47S_BE_4692	DESIGN OF 6G ANTENNA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SUDHA B. S.	Mr. CHINMAY M. Ms. ANUSHA CHOWDARY D. Ms. MADHUSHREE
16.	47S_BE_5011	IOT BASED HYDROPHONICS SYSTEM USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. C. S. KAVITHADEVI	Ms. SONASHREE T. R. Ms. SUPRABHA G. Ms. VACHANSHREE Ms. CHAITHRA A.
17.	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	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	Prof. INBALATHA K.	Ms. BHAVANA G. Ms. NAGAMANI M.
18.	47S_BE_2942	COAL MINE SAFETY MONITORING AND ALERTING SYSTEM USING SMART HELMET	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	PROF. RAJESH KUMAR KAUSHAL	Ms. SINDHUJA V. C. Ms. RUFINA R. F. Ms. SUNITHA P.
19.	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	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. MANJUNATHA M. Dr. ANITA R.	Ms. SUMATHI H. S. Ms. POORNIMA SUB K. Ms. ANUSHA K. P. Ms. RAMYA S.
20.	47S_BE_2654	IOT BASED CROP MONITORING AND CROP RECOMMENDATION USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mrs. MANJULA B. K.	Mr. DARSHAN P. S. Mr. ABHISHEK H. S. Mr. KALLESHA G. A. Ms. AISHWARYA M. C.

21.	47S_BE_3309	DSP INTEGRATION FOR SMART COMPOST MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. SUPRITH P. G.	Ms. AMULYA B. GAEKWAD Ms. AISHWARYA N. Ms. ANUSHA R B Mr. KARTHIK K. S.
22.	47S_BE_1090	DESIGN AND DEVELOPMENT OF AUTO POWER CONVERSION FOR EV TWO-WHEELER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Mrs. BHARATHI R.	Ms. INCHARA K. S. Ms. ANANYA JOIS Ms. HARSHITHA H. S. Ms. B. V. MANASA
23.	47S_BE_1155	GUARDIANBOT: ADVANCING MARINE CONSERVATION THROUGH PLASTIC CLEANING AND SURVEILLANCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Mrs. ARPITHA SHANKAR S. I.	Ms. DIVYA MOHAN Ms. DIVYASHREE N. Ms. KEERTHANA C. Ms. KEERTHANA H. K.
24.	47S_BE_1159	FIRE FIGHTING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Mrs. BHARATHI R.	Ms. RAKSHITHA S Ms. RAMYASHREE N. Ms. RANJITHA R. Ms. TASMEEN TAJ