



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

MIDTERM EVALUATION

Date: 24 April 2025, 9.45 AM

Session Link: <https://meet.google.com/fef-drnd-ieu>

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_5915	ASSISTIVE DEVICE FOR DEAF, DUMB, BLIND	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	Prof. ADARSHA D	Ms. KAVERAMMA M S Ms. MANASA H S Ms. SUSHMITHA P
2.	48S_BE_0801	AUTOMATIC ACCIDENT DETECTION AND AMBULANCE RESCUE SYSTEM - SMART BIOS SERVICES USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Dr. SHARANBASAPPA SHETKAR	Ms. PRIYANKA Ms. ATTOFFA JABEEN Ms. ARCHANA Mr. PAVAN
3.	48S_BE_2309	DESIGN OF A CHARGE-PUMP BASED, PHASE LOCKED LOOP (PLL) FOR MEDICAL APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Dr. SAGARKUMAR BUYYA	Mr. SAI PRASSAN Mr. VINAYAK GHATGE Ms. DIVYA SB Ms. SANDHYARANI
4.	48S_BE_2301	DESIGN OF HIGH GAIN MIMO ANTENNA FOR SUB 6 GHZ 5G APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Prof. L.DAVID WILLIAM RAJ	Mr. JAGADEESH KUMAR O Mr. KARTHIK V Mr. DEEPAK KUMAR P Mr. SHANTHA MURTHY
5.	48S_BE_3514	DESIGN OF HIGH EFFICIENT DIELECTRIC RESONATOR	B.E.	ELECTRONICS AND	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Prof. L. DAVID WILLIAM RAJ	Mr. VARDHINEEDI PRAVANEETH Mr. V PAWAN

		ANTENNA INSPIRED WITH META MATERIALS		COMMUNICATION ENGINEERING			Ms. SREELITHIKA P Mr. GAURAV A GOPALAKRISHNAN
6.	48S_BE_4256	PERSONALIZED FITNESS ASSISTANT USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Dr. MANU RAJU Dr. NIJA K S	Ms. SNEHA SHIVANAND KURAGOD Ms. SINDHU M N Ms. SHREELAKSHMI D C Mr. SAI TARAK D
7.	48S_BE_5686	DESIGN AND ANALYSIS OF A PHOTONIC CRYSTAL-BASED BIOSENSOR INTEGRATED WITH MACHINE LEARNING FOR HUMAN PAPILLOMAVIRUS DETECTION IN URINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MALNAD COLLEGE OF ENGINEERING, HASSAN	Dr. YASHASWINI P. R Dr. SRIKANTH P. C	Mr. BHAVITH M GOWDA Mr. A KARTHIK LAL Mr. ARUN KUMAR Mr. ADITHYA BHAT U
8.	48S_BE_1288	AI-POWERED RESPIRATORY SUPPORT: A LEAP FORWARD IN PATIENT CARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. RANJITH H D	Ms. SANJANA NAYAK Mr. BHUVANESH Mr. VIKAS SHETTY Mr. KRISHNA
9.	48S_BE_1413	VITAL GLOW: SMART MONITORING FOR MOTHERHOOD AND DIABETES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Mr. UDAY J	Ms. SAKSHI S SHETTY Mr. ANUCHITH A SHETTY Mr. DHEERAJ Mr. DARSHAN
10.	48S_BE_1540	AIR AWARE: INDOOR AIR QUALITY MONITORING USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. SRI KRISHNA SHASTRI C	Ms. AMISHA SALIAN Mr. CHETHAN K R Mr. KULADEEP Ms. SHREYA SHETTY
11.	48S_BE_1698	SOLAR POWERED WATER BODY CLEANING AND MONITORING DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI	Dr. SATHISHA	Mr. SANJAN KUMAR Mr. ASHIK E K Mr. SHAIKH MOHAMMED AFZAN Mr. HARSHA

12.	48S_BE_1803	MAT-KIT: (MEDICAL ASSISTANT TOOL) FOR MONITORING HEALTH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mrs. BHAVYA S	Ms. SAMPRITHI K Ms. MAITHRI Mr. SWASTIK T S Mr. SWASTHIK P
13.	48S_BE_2069	OPTIMIZING EARLY PARKINSON'S DISEASE DIAGNOSIS VIA MACHINE LEARNING AND MULTI-MODEL EMBEDDED SYSTEMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Dr. SRUTHI DINESH	Mr. OMKAR Mr. ANITH H M Mr. PRATIK SACHIN HALBHAVI Ms. SUSHMITHA POOJARY
14.	48S_BE_3053	SKYSCRAPER WINDOW CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Ms. POORNIMA K	Ms. ANUSHREE K NAIK Mr. PRATHIK RAJ Mr. SATHWIK J A Mr. AMBRESH
15.	48S_BE_4723	IOT AND ARTIFICIAL INTELLIGENCE BASED AUTOMATED SMART HYDROPONICS SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MOODLAKATTE INSTITUTE OF TECHNOLOGY, UDUPI	Mr. VARUNA KUMARA Mrs. AKSHATHA NAIK	Ms. FATIMA TAHSIR Ms. SINCHANA B DEVADIGA Ms. VINITHA R NAIK
16.	48S_BE_5178	OPTIMIZING VEHICLE TO VEHICLE ENERGY TRANSFER: A SOLUTION FOR EFFICIENT EV CHARGING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	N.I.E. INSTITUTE OF TECHNOLOGY, MYSURU	Mr. RAGHAVENDRA M	Ms. DEEPIKA Ms. SAHANA SUBRAMANYA Ms. SANGEETHA C Ms. SUSHMA M
17.	48S_BE_3580	REHABSENSE: INTELLIGENT REHABILITATION DEVICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Dr. K V S S S S SAIRAM Mr. CHANDRA SINGH	Mr. RAGHUNANDAN K BIDI Ms. RASHMI Ms. R C ANVITHA JAIN Ms. RADHIKA S
18.	48S_BE_0180	OPTICALLY TRANSPARENT MIMO ANTENNA FOR WIRELESS APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. VIVEK SINGH	Ms. SMITHA D Ms. NAYANA B R Ms. BRUNDA M Ms. PRAMUKHYA M M

19.	48S_BE_0225	ANALYSIS AND INVESTIGATION OF A NOVEL COMPACT METASURFACE ABSORBER WITH WIDE ANGLE STABILITY FOR TRIPLE BAND ATTRIBUTES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. VIVEK SINGH	Mr. P.B SUDHANVA NAVANEETH Mr. G.R PRAJWAL Mr. SAIFULLA Mr. PUNEETH P
20.	48S_BE_0394	DESIGN AND IMPLEMENTATION OF ZRO2 BASED CERAMIC MIMO ANTENNA FOR SMART CITIES IN N257 AND N261 BANDS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. AJAY KUMAR DWIVEDI	Ms. MEGHANA H R Ms. CHAITHRA K A Ms. ROHINI N Mr. YASHAS P T
21.	48S_BE_2341	HEAD MOVEMENT BASED WIRELESS COMMUNICATION WITH SPEECH ALERT FOR PARALYZED PERSON USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Mrs. MANJULA G HEGDE	Ms. KAVANA R G Ms. J VARSHITHA Ms. LIKHITHA T R Ms. SUFIYA S
22.	48S_BE_5057	INDUCTIVE CHARGING ROAD NETWORK FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Mrs. RANI B A	Ms. GOWTHAMI A Ms. K GNANA PRASOONA Ms. KAVYA G S Ms. MEGHANA V
23.	48S_BE_4261	BRAIN TUMOR CLASSIFICATION USING MRI IMAGES WITH SVM AND CNN CLASSIFIERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NAVKIS COLLEGE OF ENGINEERING, HASSAN	Dr. DEEPAK H A	Ms. ARPITHA U R Mr. AYUSH S I Mr. PRAJWAL H S
24.	48S_BE_0633	SMART EARTHQUAKE DETECTION WITH ESP32 AND MPU6050: REAL -TIME MONITORING AND EMAIL ALERTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. HAMSALEKHA R Ms. RAMYASHREE P M	Mr. SUKESH R Mr. V SHREYAS REDDY
25.	48S_BE_1623	RAPID SENSING MECHANISM TO DETECT CHEMICALS TO PREVENT DRUGGING CRIME	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. HAMSALEKHA R Dr. D ROJA RAMANI	Mr. MAHESH V CHOLIN Mr. NAGARAJU N K