



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

MIDTERM EVALUATION

Date: 25 April 2025, 9.45 AM

Session Link: <https://meet.google.com/hyf-ndce-rqh>

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_2056	PROACTIVE VEHICLE SAFETY AND CONTROL SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. MAHENDRA S NAIK	Mr. NIKHIL H L Mr. MANOJ GR
2.	48S_BE_3214	AUTOMATIC UPPER DIPPER HEADLIGHT FOR VEHICLE IN RURAL AREA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. GURULAKSHMI A B Dr. RAJESH G	Mr. VAIBHAV R NAIK Mr. VIKRAM KAROOR Mr. KISHORE KUMAR A Mr. K MURALI
3.	48S_BE_3543	AUTONOMOUS AI TRACTORS: OPTIMIZING HARVEST PROCESSES FOR SUSTAINABLE AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. SHIKHA RAI A	Mr. DINESH K Mr. DRUVA P
4.	48S_BE_3770	DEMONSTRATING HYDROGEN FUEL CELL TECHNOLOGY FOR EDUCATIONAL PURPOSES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. BHAWNA KHOKHER Dr. MAUSRI BHUYAN	Mr. KARTHIK SATISH PATIL Mr. VISHAL UDGIRE Mr. THEJAS C Mr. SANTOSH KUMAR
5.	48S_BE_4455	LINGOCONNECT: REAL TIME SPEECH TRANSLATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Ms. RAMANAMMA PAREPALLI Ms. THANU KURIAN	Mr. VISWANATH KOLLI Mr. SELVAMOURIYAN D

6.	48S_BE_5597	ANATOMY 3D-GUIDED RECOGNITION OF SKULL TYPES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. SHASIKIRAN S	Mr. ANJAN REDDY Mr. C G PRASANTH REDDY
7.	48S_BE_5667	DESIGN OF WASTE SEGREGATION DETECTOR USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. VINAY R	Ms. C YASHVITHA Ms. BHOOMIKA S
8.	48S_BE_1350	SAR-OPTIMIZED MICROARRAY FOR 5G: ENSURING HUMAN SAFETY IN CLOSE PROXIMITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. HARSHAVARDHANA M N	Mr. YOGEEESH S G Mr. MANU ASHOK HEGDE Mr. SHIVAKUMARA G A
9.	48S_BE_2032	ONLINE PAYMENT FRAUD DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. PRAJNA K. B.	Mr. ADITYA CHUG Ms. RUCHI YADAV Mr. SHREYAS SOMANCHE
10.	48S_BE_2039	AUTONOMOUS HOLONOMIC MOBILE ROBOT FOR INDOOR APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ANUPAMA SINDGI Prof. PRASHANTH N	Mr. TARUN SRIDHAR Mr. PRUTHVI D
11.	48S_BE_2061	INNOVATIVE DRONE FOR CLEANING SOLAR PANELS AND HIGHRISE BUILDINGS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MURTHY. M	Mr. MOHIT MOHAN Mr. VENU V MUTHYALA Ms. CHAYA.R
12.	48S_BE_3129	DESIGN OF TRIBOELECTRIC NANOGENERATOR AS ENERGY SOURCES FOR BIOMEDICAL APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. VINAY KUMAR R	Ms. H. MEGHANA KASHYAP Mr. G. THARAK CHOWDARY Ms. K. MONALISA
13.	48S_BE_3853	DESIGN AND IMPLEMENTATION OF ANOMALY DETECTION ALGORITHMS FOR INDUSTRIAL IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SMITHA G PRABHU	Ms. NISARGA S GOWDA Ms. ANKITA R TOGALERI

14.	48S_BE_4456	TRAFFIC DETECTION AND TRAFFIC VIOLATION DETECTION USING DEEP LEARNING METHODS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MANJULA B M	Mr. ROHAN V RACHOTI Mr. SHYAM KUMAR P Ms. SIRI K S
15.	48S_BE_4674	DESIGN OF A COMPACT ULTRA-WIDEBAND MIMO ANTENNA FOR 6G COMMUNICATIONS USING METAMATERIALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. PRASANNA PAGA	Mr. SIDDU NYAMAGOUD Mr. SHASHANK G. U. Mr. PREM T. V.
16.	48S_BE_4678	HANDCRAFTED APPROACHES FOR CONTACTLESS 3D HUMAN BIOMETRIC IMAGE RECONSTRUCTION FOR SECURED IDENTIFICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. G DIVYA Dr. MAMATHA GIRISH	Ms. MEDHA K M Mr. MAHESH NAIK L Mr. MANOJ R
17.	48S_BE_5176	DESIGN OF LOW FREQUENCY COMPACT ULTRA WIDEBAND ANTENNA FOR GPR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. PRASANNA PAGA	Mr. SUMEET SURESH PATIL Mr. T SHIVARAJ Mr. DARSHAN
18.	48S_BE_5291	SENTIMENT CLASSIFICATION FOR IDENTIFYING CYBERBULLYING AND MENTAL HEALTH INDICATORS ON INSTAGRAM USING MACHINE LEARNING AND NLP	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RAMACHANDRA A C	Ms. NEEHARIKA MADHU SOODAN Ms. KIRTHI PRABHAKAR
19.	48S_BE_5587	DEVELOPMENT OF AUTONOMOUS / TELEOPERATED ROVER DESIGN FOR EXPLORATION IN SIMULATED EXTRA-TERRESTRIAL ENVIRONMENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SUGANYA ESWARAN	Mr. SREEVARSH WILLIAM J Mr. MAYUR A Mr. RAJ PRATAP VIDYARTI
20.	48S_BE_6445	LIQUID NEURAL NETWORKS FOR AUTONOMOUS DRIVING: A FRAMEWORK FOR INTELLIGENT DECISION-MAKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. HARSHITHA GM Dr. L. HARISH KUMAR	Mr. VISMAYA DEVASHYA Mr. SAMAN MALLIKARJUN M Ms. YASHASWINI SURESH