



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

MIDTERM EVALUATION

Date: 1 May 2025, 9.15 AM

Session Link: <https://meet.google.com/gcd-byws-iej>

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_1941	OPTIMIZED 2-BIT VCO DESIGN FOR MULTIBAND WIRELESS COMMUNICATION APPLICATIONS USING CADENCE TOOLS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Dr. SHWETHA H R	Mr. TARUN M Mr. VINEETH K Mr. RAGHU A T Mr. SACHIN M
2.	48S_BE_1954	RAILWAY TRACK CRACK DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Dr. SHARATH S M	Mr. CHETAN GURUMATH Mr. JNANESH V C Mr. BHARATH V M
3.	48S_BE_2723	COAL MINE SAFETY BASED ON WIRELESS COMMUNICATION NETWORK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Ms. NALINA S B Mrs. UJWALA B S	Mr. KESHAV S SINDHE Mr. K BHASKAR Mr. DEEKSHITH H S Mr. JEEVAN P
4.	48S_BE_2912	AUTOMATED BIRD SPECIES IDENTIFICATION USING AUDIO SIGNAL PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mrs. SUMATHI K	Ms. S ANUSHA Ms. SINDHU H B Ms. NITIKSHA C JAIN Ms. PRATBIMA B K

5.	48S_BE_0106	PROCESS AUTOMATION IN PHARMACEUTICAL INDUSTRIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SOWMYA PADUKONE.G	Mr. SRIGANESH S Mr. SHANKARSHANA V Mr. SRIKANTH S Mr. VIJAY KRISHNA MP
6.	48S_BE_2100	DEVELOPMENT OF A LOW-COST FLIGHT CONTROLLER SYSTEM USING STM32F411CEU6 "BLACK PILL" BOARD AND SENSOR MODULES WITH ESP32 CAMERA MODULE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SUMANGALA GEJJE	Mr. Y MALLIKARJUNA MADHAV Ms. VINUTHA B T Ms. YOGITHA U K Ms. RAKSHITHA S
7.	48S_BE_3694	TEXT RECOVERY DEVICE REVEALING HIDDEN INFORMATION BENEATH CORRECTION FLUID	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SHIVARAJ A	Mr. VARUN H R Mr. TARUN GOWDA D Mr. SUMESH M SAPATE Mr. MANJUNATHA
8.	48S_BE_0026	LI-FI FOR VEHICLE TO VEHICLE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Prof. VINAYAK DALAVI	Mr. VISHWANATH MATHAPATI Mr. SUNIL KADI Mr. SANDEEP ANGADI Mr. NILESH CHOUGULE
9.	48S_BE_5843	CAR BLACK BOX	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Prof. RAMCHANDRA TURKANI Dr. GOPAL A BIDKAR	Ms. RANJITA CHOUKIMATH Ms. NISHA P SATTYAPNAVAR Ms. MANISHA V ANGADI Mr. SAGAR S B
10.	48S_BE_1896	DESIGN, ANALYSIS AND BEHAVIOUR IMPLEMENTATION OF 4 STAGE PROCESSOR ON FPGA USING VERILOG	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. MALLIKARJUN BIRADAR	Ms. PRADNYA MUTALIKDESAI Ms. ADITI R JADHAV Mr. ALOK MAHADEV TUNGAL Mr. SAMMED AINAPURE

11.	48S_BE_2246	SMART GLASSES FOR BLIND PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. PRASHANT HEBBALE	Ms. SWATI MAVINAKATTI Ms. ANJALI PATIL Ms. MEGHANA S Ms. SAKSHI HIREMATH
12.	48S_BE_2361	BIOTRACK : ENHANCING ANIMAL HEALTH WITH SMART TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. PRASHANT HEBBALE	Mr. GURUBASAV S SURAGIMATH Mr. HANAMANT BALUMANI Ms. PREETI G TONNE Mr. SUPREET R KHOT
13.	48S_BE_2552	INTELLIGENT PARKING SPACE MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Mrs. SNEHAL KULKARNI	Mr. VISHWANATH M KADAPATTI Mr. VIJAYKUMAR V Ms. SUPRIYA BIRADARPATIL Ms. SHWETA MUNGARWADI
14.	48S_BE_3365	DESIGN AND ANALYSIS OF MICROSTRIP ARRAY ANTENNA FOR WIFI APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Prof. VAIDEHI DESHPANDE	Ms. DHATREE HOMBALI Ms. AISHWARYA KAGADAL Ms. AMRUTA KHANDGHAVE Ms. ADITI NAIK
15.	48S_BE_3477	LIBRARY ASSISTANT ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Mr. AASHISH GADGIL	Ms. BHAGYA S DODDAGADAD Ms. SAHANA GAWATI Ms. NIDHI P PATIL Ms. RASHMITA CHOUGALA
16.	48S_BE_3727	PARKING MANAGEMENT SYSTEM USING DEEP LEARNING ALGORITHM (YOLOV11)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	Prof. RAGHAVENDRA P. NAGARALLI	Mr. SHIVALING KALLAPPA KORALLI Mr. VINAYAK MANJUNATH BHUJI Mr. VISHWANATH MAHANTESHWARAPPA KAMBALYAL Mr. VITTAL PRASHANT PRABHU

17.	48S_BE_5725	RIVER CLEANING ROBOT USING SOLAR POWER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	Prof. PAVITRA M. BADIGER	Ms. VAISHNAVI B. WADAGERI Ms. SAIPOOJA S. SUNAGAR Ms. SWATI R. PATIL Ms. VERONICA
18.	48S_BE_1787	AMPHIBIOUS HOVERCRAFT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. P N SUDHA	Mr. B S BHARGAV Mr. MITHUN C Mr. CHINTAN D S
19.	48S_BE_1842	WALKING WATTS: INNOVATIVE HUMAN LOCOMOTION BASED ELECTRICITY GENERATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SALEEM S TEVARAMANI	Mr. KUSHAL GOWDA U Ms. KOMALA N Mr. LOHITH S Mr. SAI RAHUL N
20.	48S_BE_2340	DAM AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ANITA P	Ms. SANJANA V Mr. PRAJWAL R Mr. PRATHAM R SHANBHAG Mr. PREKSHA S
21.	48S_BE_2556	GREEN POWER GENERATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. BHANUMATHI	Ms. VIDYA RAWAL D Ms. VIDYA I Mr. TARUN M Mr. SUMUKH P
22.	48S_BE_2732	INTELLIGENT TRAFFIC RULES VIOLATION DETECTOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. RAMYA K R	Ms. GAGANA SINDHU N Mr. B N JEEVAN Mr. GAGAN V Mr. PAVAN M PAI
23.	48S_BE_4511	DESIGN OF INTELLIGENT SHOPPING TROLLEY USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Mr. DILEEP J	Mr. MOHAMMED AYMAAN Mr. ANAVULAMUDI HARIKRISHNA CHOWDARY Mr. DARAPANENI ABHINAY CHOWDARY Mr. MELLAMPUTI ABHILASH

24.	48S_BE_5589	IDENTIFICATION & CLASSIFICATION OF LEFT AND RIGHT VENTRICULAR HYPERTROPHY USING ECG SIGNALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Dr. RENUKA V TALI	Mr. RAM PRASAD P V Mr. SHASHANK B VENKATESH Ms. RAKSHITHA H Ms. MEGHA KANKANAMELI
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