

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

MIDTERM EVALUATION

Date: 7 June 2024, 9.15 AM

Session Link: <https://meet.google.com/mpm-tnqq-bhu>

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_3329	IDENTIFICATION OF BEST MULTILEVEL INVERTERS WITH THE ANALYSIS OF DIFFERENT TOPOLOGY TO REDUCE THD REDUCTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Mr. NAGENDRA PRASAD H. K.	Mr. DAYANANDA M. K. Mr. SUKOUSHIK V. C. Mr. SHASHANK H. Y.
2.	47S_BE_5243	SOLAR SEA WATER DESALINATION MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	Dr. S. KOTRESH Mr. VINAY HAVINAL	Ms. SHEETAL FATHIMA LOPES Ms. AMBIKA K. Mr. PRAMOD KUMAR R. V. Mr. NAVEEN GOUDA R. V.
3.	47S_MTech_0008	COMPARATIVE ANALISIS OF INTELLIGENT CONTROL TECHNIQUES FOR POWER QUALITY IMPROVMENT IN INDUSTRIAL DRIVES	M.Tech	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr.BHARGAVI K. M.	Ms. SHARANYA P. L. Mr. LOHITH C. R. Ms. SAGARIKA B. S.
4.	47S_BE_1126	AUTOMATED DATA ACQUISITION SYSTEM FOR STUDENT PERFORMANCE ANALYSIS IN OBE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. BHASKAR B.	Mr. DEEPAK R. Ms. BHAVANI C. Mr. K. B. VARUN Mr. CHANDRA MOHAN REDDY R. M.

5.	47S_BE_1374	CONTROLLING OF ELECTRIC VEHICLES USING BCI AND LABVIEW	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RAVIKUMAR A. V.	Mr. HEMANTH C. Mr. SACHIN R. Ms. AISHWARYA C. R. Ms. JAHNAVI H. V.
6.	47S_BE_1377	CONVOLUTION NEURAL NETWORK-BASED VISUAL STIMULI CLASSIFICATION USING EEG SIGNALS FOR EFFICIENT HUMAN-COMPUTER INTERACTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MAHANTESH K.	Ms. KEERTHANA H. Ms. GHANASHREE G. S. Ms. KAVYA K. Ms. PRERANA B. G.
7.	47S_BE_0510	PREDICTION OF MELANOMA USING DERMOSCOPIC IMAGES USING DEEP LEARNING -BASED ARTIFICIAL INTELLIGENCE TECHNIQUE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. RAVI KIRAN R.	Ms. LAKSHMI G. N. Ms. LOKEPALLI ANVITHA Mr. KANCHUKOMMALA JAYAPRAKASH
8.	47S_BE_1439	IOT ENABLE SURVEILLANCE AND ALERTING FOR LPG CONTAINER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. S. BHARGAVI Dr. VEENA S.	Mr. SUDARSHAN G. Mr. SHREYAS S. R. Mr. S. UPENDRA
9.	47S_BE_1799	EARLY DETECTION OF EPILEPSY USING IOT AND IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. MADHUKARA S	Ms. MANYASHREE K. C. Ms. MEGHANA M. Ms. MEGHANA T.
10.	47S_BE_1912	A GESTURE-BASED DEVICE FOR STERILE PERSUAL OF RADIOLOGY PICTURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. MANJULA K. Prof. SRIVANI E. N.	Ms. VYSHNAVI L. Ms. THANUSHREE R. Ms. VARSHA SIRI M.
11.	47S_BE_2135	AUTOMATION OF CATTLE LIVESTOCK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. C. RANGASWAMY Prof. RAVI M. V.	Ms. RAKSHITHA B. A. Ms. MONISHA K. Ms. RAJINI H. S.
12.	47S_BE_2461	AUTONOMOUS FIRE DETECTION AND EXTINGUISHING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. SUDHIR P.	Mr. RAMESH G. V. Mr. NAVEEN K. N. Mr. PAVAN KUMAR T. J.

13.	47S_BE_1514	SMART MOTION DETECTION SURVELLIANCE ROVER WITH NIGHT PATROLLING FOR PUBLIC SAFETY AND MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	Mr. SRIDHAR S. N.	Ms. TEJASHWINI K. S. Ms. NALINA D. Ms. REKHA B. V. Ms. SYEDA NEHA
14.	47S_BE_0325	EFFICIENT SPRAYING MACHINE FOR OPTIMISING ARECANUT ORCHARD MANAGEMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mrs. ROOPASHREE	Ms. SOUMYA SHREEKANTH BHAT Mr. BHARATH K. Mr. HARSHITH BEKAL Mr. RAVI KIRAN V. K.
15.	47S_BE_0328	SONIC FUSION:ADVANCED HEARING AID WITH A PIEZOELECTRIC TRANSDUCER FOR BONE CONDUCTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Prof. PRAVEEN KUMAR M.	Mr. DHYAN RAI M. Ms. SANJANA K. C. Mr. KEERTHAN I. NAIK
16.	47S_BE_0353	DESIGN AND DEVELOPMENR OF FOLDABLE MULTIPURPOSE AUTONOMOUS SOLAR POWERED E-TRIKE FOR DIFFERENTLY ABLED PERSONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. CHANDRA SINGH Mr. ASHWIN KUMAR	Ms. PRATIKSHA K. NAIK Mr. ARJUN YESHPAL SINGH Ms. AMRUTA NAYAK Ms. SNEHA DSOUZA
17.	47S_BE_0398	DEVELOPMENT OF HYBRID DRONE INTEGRATED WITH DEEP LEARNING AND CNN FOR DISEASE IDENTIFICATION, GPS-BASED CROP LOCALIZATION AND MOBILE ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Dr. ANUSH BEKAL	Ms. MEGHA NAIK M Mr. AHMED HASHIM Mr. SHREYAS S. BANGERA Mr. SKANDA S. ACHAR
18.	47S_BE_0529	FLYING HIGH FOR HEALTH: DESIGN & IMPLEMENTATION OF SOLAR POWERED AUTONOMOUS VTOL TECHNOLOGY FOR MEDICINE DELIVERIES IN REMOTE AND INACCESSIBLE AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. CHANDRA SINGH Mrs. SMITHA A. B.	Mr. SUJAN KUMAR S. J. Mr.CHINMAYA H Ms. CHITRA A. R. Mr. SHREYAS K.

19.	47S_BE_2070	NEXT-GEN ASSISTIVE TECHNOLOGY: ULTRASONIC SENSOR VIBRATOR GLOVE WITH IMAGE PROCESSING FOR THE BLIND	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ADVAITH P. R.	Mr. MADHAN MOHAN REDDY V. J. Mr. CHETHAN R. Mr. OM PRAKASH B. M. Ms. SWETHA A.
20.	47S_BE_2524	ECO-FRIENDLY POWER GENERATION USING WASTE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Mr. IRANNA M.	Mr. PRAMOD V. HIREMATH Mr. PRADEEP RAYARADDI Mr. PRAVEEN R. MATHAD Mr. SIDDALINGASWAMI P. MARIDEVARMATH
21.	47S_BE_4010	MICRO WINDMILL FOR ELECTRICITY GENERATION FOR LOW WIND SPEED SURROUNDING BENGALURU	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. DHAMARAI SELVI K. V. Dr. S. SUJATHA	Mr. CHANDAN H. C. Mr. HANAMANT KOLAR Ms. PALLAVI S. Mr. SESHADRI R.
22.	47S_BE_3667	ENHANCING ROAD SAFETY IN SMART CITIES USING ROBOTIC APPROACH WITH BLACK BOX INTEGRATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. PRAVEEN KUMAR C. -	Ms. BHOOMIKA R. Ms. DISHA B. S. Mr. SRI RAM S. Mr. YESHWANTH J. N.
23.	47S_BE_5078	SOLAR POWER SEED SOWING MACHINE AND SPRAY PUMP	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI TARALABALU JAGADGURU INSTITUTE OF TECHNOLOGY, HAVERI	Dr. SANTHOSH RAIKAR	Mr. RAHUL P. MEHARWADE Mr. RENUKARAJ P. V. Ms. SANJANA U. K. Ms. PALLAVI J. R.
24.	47S_BE_2200	DEVELOPMENT OF AN ENVIRONMENTAL FRIENDLY, COST EFFECTIVE AND COMPACT ELECTRICAL FISHING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ST. JOSEPH ENGINEERING COLLEGE, MANGALURU	Mr. SATHISHA K.	Mr. PREKSHITH LENNON RODRIGUES Mr. CLEAVON DSOUZA Mr. JASON ANTONY QUADRAS Mr. REYAN JAISON DSOUZA

25.	47S_BE_3642	INTERNET OF THINGS BASED SMART VEHICLE SECURITY AND SAFETY SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Prof. RESHMA P.	Mr. PAVANA NANDANA S. Mr. ROHAN N. Mr. SHASHANK A. B. Mr. SINCHAN S. S.
26.	47S_BE_0897	AUTOMATED EXHAUST FAN AND FLUSHING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Mrs. NISHA C. RANI	Mr. DANNY JOHNSON P. Mr. JAMES PRAJWAL V. Mr. MALLIKARJUNA K. V. Mr. SUHAS M.
27.	47S_BE_4819	VOICE CONTROLLED WHEELCHAIR FOR DIFFERENTLY ABLED	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	TONTADARYA COLLEGE OF ENGINEERING, GADAG	Prof. JAGADEESHWAR G. SHIVANAGUTTI	Mr. SUHAS SOMAPPA BYAHATTI Mr. SIRAJAHAMAD AKBARBASHA ONTI Mr. KARTHIK HULIHALLI Mr. PRAVEEN KUBERAPPA KAMMAR
28.	47S_BE_5408	DEVELOPMENT OF ENERGY EFFICIENT SOLAR POWERED THERMOELECTRIC REFRIGERATOR USING IOT FOR RURAL PLACES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	TONTADARYA COLLEGE OF ENGINEERING, GADAG	Prof. SANTHOSHKUMAR G. M.	Ms. SHRUTI BASAVARAJ HAVALAD Ms. RAKSHITA SOMASHEKAR BOMBLE Ms. PRAKRUTI YALLAPPA DODDAMANI Ms. POOJA BASAWA