

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

MIDTERM EVALUATION

Date: 25 May 2024, 9.45 AM

Session Link: <https://meet.google.com/apk-vpwz-ijb>

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_3819	MYOELECTRIC TRANSRADIAL PROSTHETIC ARM FOR UPPER LIMB DISARTICULATION TO SUPPORT DISABLED REHABILITATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Dr. PARTHASARATHY L. Prof. SHREESHAYANA R.	Mr. KARTHIK R. Mr. AKILESH P. Ms. LAVANYA G. K.
2.	47S_BE_5371	DEVELOPMENT OF AN AUTONOMOUS UNDERWATER VEHICLE (AUV)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. MURALIKRISHNA	Mr. UDAY CHANDRA N. C. Mr. AKKI KOTRESH Mr. YASHWANTH T. P. Mr. AKASH N.
3.	47S_BE_3862	HARNESSING WIND ENERGY FROM VERTICAL AND HORIZONTAL AXIS WIND TURBINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. RAJENDRA GHIVARI	Mr. GIRIBHATTANAVAR PRANAV GURURAJ Mr. KARTIK SIDDAPPA MUDDLINGANAVAR Mr. AKHIL MAHALING NAGANAVAR
4.	47S_BE_3870	M SHAPE LOW-COST SOLAR STILL FOR RURAL AND ISOLATED COMMUNITIES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. KANTESH D. C.	Mr. SHREYAS B. MATHAPATI Mr. AVINASH P. AWATI Mr. SHRIDHAR C. MAGADUM

5.	47S_BE_2968	IOT BASED CONTROL MECHANISM FOR SOLAR PHOTOVOLTAIC BASED WATER PUMPS EMPLOYED FOR WATER DISTRIBUTION IN BEC CAMPUS.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. BASANAGOUDA F. RONAD	Mr. RASOOL AHMED
6.	47S_BE_1435	AGRICULTURAL UTILITY VEHICLE WITH FIELD MONITORING USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Dr. SHIVAKUMARASWAMY G. M.	Mr. SURAJ PRAKASH KADUR Ms. PRIYANKA NINGAPPA NAREGAL Ms. SAHANA RAMESH METI Ms. SNEHA RAMESH SORATUR
7.	47S_BE_5317	HYBRID IOT BASE NAVIGATED ELECTRIC SHIP	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. MANJUNATHA M. N.	Ms, SOWMYA H. O. Ms. ANUSHA R. P. Ms. PALLAVI C. Ms. RAMYA S.
8.	47S_BE_4271	SOLAR POWERED INVERTER FOR SUSTAINABLE FARMING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. KIRAN R.	Mr. KUSHAL BHARADWAJ T. P. Mr. HARISH B. C. Mr. MOHAMMED IMRAN PARRAY Mr. VENKATA RAVAN KUMAR N. R.
9.	47S_BE_0814	INTELLIGENT CLEANING ROBOT FOR BELLANDUR LAKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. PREMKUMAR M.	Mr. BASAVARAJA DESAI Ms. BHOOMIKA MYLAR Ms. CHAITHANYA B. K. Mr. MONISH G.
10.	47S_BE_1299	ONLINE MONITORING SYSTEM FOR POSITION DETECTION IN WIRELESS ELECTRIC VEHICLE CHARGING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SUJIT KUMAR Dr. G. MANIKANTA	Mr. CHANCHAL KUMAR Mr. AMMAR HASAN Mr. ANURAG KUMAR Ms. ANSHUL MORE

11.	47S_BE_2562	FABRICATION AND IMPLEMENTATION OF THE SOLAR E-BIKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SONI M.	Mr. TANVEER MANSUR AHMAD Mr. MYAGALAMANI SAGARA Mr. VIDYDHAR M PATGAR Mr. VISHWAS D. S.
12.	47S_BE_2986	MEDICINE AND FEMMECARE SANITARY NAPKINS VENDING MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mrs. SHRUTI R R. GUNAGA	Mr. MANJUNATH M. CHINDI Ms. GAYITHRI G. R. Mr. HARSHA VARDHAN S. Ms. J. SHARON CHRISTINA
13.	47S_BE_3910	DESIGN AND FABRICATION OF ROTARY SPARK GAP SWITCH FOR PLASMA APPLICATIONS: STUDY ON SEED GERMINATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ANGURAJA R. Mr. R. SANTHOSH KUMAR	Mr. BHARATH S. P. Mr. B.S. JAYANTH GOWDA Mr. SRINIVAS N. Ms. VARSHINI C.
14.	47S_BE_4787	HYBRID POWERED IOT BASED SMART POLE FOR EV CHARGING ON HIGHWAYS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. GAYATRI CHAVAN Prof. RASHMI G.	Mr. ABHISHEK A. P. Mr. DUSHYANTH M. N. Mr. TEJA M. V. Mr. NANDAN K.
15.	47S_BE_3793	DESIGN AND DEVELOPMENT OF COST EFFECTIVE ELECTRIC VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mrs. SUMITHA C. Dr. CHANDAN B. R.	Mr. ABDUL REHAMAN Mr. NITHIN S. R. Mr. SIDDESH M. R. Mr. ABHISHEK Y. M.
16.	47S_BE_3336	SELF CHARGING SOLAR SURVEILLANCE DRONE (AGRICULTURAL IMPLEMENTATION)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. G. JAYCHITRA	Mr. MANOJ A. Ms. KUSHI K. Ms. ANAGHA K.
17.	47S_BE_4761	SMART ELECTRONIC VOTING SYSTEM BY USING FINGERPRINT RECOGNITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	GOVERNMENT ENGINEERING COLLEGE, MOSALEHOSAHALLI, HASSAN	Dr. RUDRAPPA K. M.	Mr. K. H. M. CHANDRASHEKARA Mr. JAKEERHUSEN M. UKKADAGATRI Mr. DARSHAN G. D.

18.	47S_BE_2183	DESIGN AND DEVELOPMENT OF SELECTIVE BETEL LEAF PLUCKING ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	Prof. AMIT U. NESHTI	Mr. SWAPNIL MALI Mr. ANANT DADANAVAR Mr. MANIKANTH KADAKOL
19.	47S_BE_2713	WATER PURIFICATION USING HIGH VOLTAGE PLASMA GENERATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. SOWMYASHREE N.	Mr. CHETHAN D. Mr. VARSHAN C. R. Ms. SINDHU K. M. Ms. PRIYANKA M.
20.	47S_BE_2340	JANASEVAKA (RAILWAY TRACK CRACK DETECTION SYSTEM)	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	Prof. LAXMI BRUNGI	Mr. RAMANAGOUDA CHANDRAGOUDA PATIL Ms. CHANDRAJYOTI KHOT Mr. PRAJWAL KALASA Ms. KIRAN BASANAIAK
21.	47S_BE_4817	IOT BASED CONTROL AND PROTECTION OF BOREWELL MOTOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA	Dr. THEJASWI A. H.	Ms. DRUVA S. DALAWAI Mr. SANTOSH U. Ms. AMBIKA K. Ms. PALLAVI R.
22.	47S_BE_5270	DESIGN OF MULTIPHASE INVERTER FOR MULTIPHASE INDUCTION MOTOR USED FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI	Prof. RAKESH HALLIGUDI	Mr. ROHIT KAGE Ms. ANANYA JOSHI Ms. SAVITA BANAHATTI Mr. RAVINDRA SAVADI
23.	47S_MTech_0006	OPTIMAL PLANNING AND OPERATION OF GRID-CONNECTED PV/CHP/BATTERY ENERGY SYSTEM CONSIDERING DEMAND RESPONSE AND ELECTRIC VEHICLES FOR A MULTI-RESIDENTIAL COMPLEX BUILDING	M.Tech	POWER AND ENERGY SYSTEMS	REVA UNIVERSITY, BENGALURU	Dr. RITESH DASH Dr. K. JYOTHEESWARA REDDY	Ms. MISBA FATHIMA

24.	47S_MTech_0007	DESIGN AND DEVELOPMENT OF PI CONTROLLER FOR DFIG GRID INTEGRATION USING NEURAL TUNING METHOD ENSEMBLED WITH DENSE PLEXUS TERMINALS	M.Tech	POWER AND ENERGY SYSTEMS	REVA UNIVERSITY, BENGALURU	Dr. K. JYOTHEESWARA REDDY Dr. RITESH DASH	Ms. ANUPALLAVI L.
25.	47S_BE_5246	AUTONOMOUS SOLAR GRASS MOWER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Prof. AVINASH R.	Ms. SHIVANI SATHISH Mr. ASHRITH M. KOUSHIK Mr. MANEESH N. Mr. HARSHA N.
26.	47S_BE_4295	SMART AGRO FARM GUARD AND IRRIGATION CONTROL	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	YENEPLOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU	Prof. G. B. PRAVEEN	Mr. GURUPRASAD Mr. ABHISHEK Mr. GANESHA Mr. ABHISHEK R.