

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 46<sup>th</sup> SERIES STUDENT PROJECT PROGRAMME:2022-23

### MIDTERM EVALUATION

**Date:** 16th June 2023 (Friday), 9:30 AM

**Session Link:** <https://meet.google.com/ybx-htcw-rqv>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	46S_MSc_072	AN EFFICIENT ZNCOFE-BASED TiO <sub>2</sub> NANOCOMPOSITES AS A PHOTOCATALYST FOR THE DEGRADATION OF ORGANIC DYE POLLUTANTS IN WASTEWATER TREATMENT	M.Sc	PHYSICS	ACHARYA INSTITUTE OF GRADUATE STUDIES, BENGALURU	Dr. SHOBANA M	Mr. CHETHAN Y R Mr. MANOJ N Ms. RAKSHITHA M
2.	46S_BE_1562	IOT BASED FOREST MONITORING SYSTEM USING DEEP LEARNING	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Mrs. LALITHA K Mrs. SOWJANYA M N	Ms. MEGHANA N Ms. PRERANA B S Ms. VYSHNAVI T S
3.	46S_BE_1668	DESIGN AND IMPLEMENTATION OF ROBOTIC ARM MOUNTED ON A MOBILE ROBOT TO ASSIST BEDRIDDEN PERSON	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Dr. M V SRINIVAS RAO Mrs. AMRUTHA R	Ms. SHIVANI R SHANKAR Ms. AFRAH MAJID Ms. R SANJANA
4.	46S_BE_5213	SMART JACKET FOR SOLDIERS	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mrs. N NAGARATHNA	Mr. YOGESHWAR CHOWDARY P
5.	46S_BE_0807	IOT BASED SMART WATER DISTRIBUTION IN CANAL SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Mrs. RAJESWARI P Mr. RATHNAKARA S	Mr. SANDEEP M KUMBAR Ms. PALLAVI V Mr. GOWTHAM G Mr. NANDEESHA C

6.	46S_MSc_079	GRAPHENE OXIDE RE_INFORCED SILK FIBROIN FILM FOR SUPERCAPACITOR APPLICATIONS	M.Sc	PHYSICS	K.L.E. SOCIETY'S S.NIJALINGAPPA COLLEGE, BENGALURU	Dr. SHIVANANDA C S	Mr. G PAVAN KUMAR Ms. LISHA S Ms. BRUNDA R Ms. BHOOMIKA B
7.	46S_MSc_155	EVALUATION OF ACOUSTICAL BEHAVIOR OF BORASSUS FLABELLIFER (ICE APPLE) FRUIT HUSK FIBER: AN INNOVATIVE APPROACH TO MAKE USE OF A DOMESTIC WASTE	M.Sc	PHYSICS	MANGALORE UNIVERSITY, MANGALURU	Prof. Y. NARAYANA Mr. CHETHAN G.	Ms. MOOLYA JYOTI POOVAPPA Mr. HARIKRISHNAN K Ms. CHITHRA R Ms. HARSHNA CHANDRAN
8.	46S_BE_5449	CARE-BOT: SMART IOT DEVICE FOR HEALTH MONITORING AND HOME AUTOMATION.	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ANDHE PALLAVI	Mr. NEELESH KUMAR N Mr. HEMANTH K S Mr. SHIVARAJ M Mr. SYED MOHAMMED ABUBAKKER SIDDIQ
9.	46S_MSc_153	TEMPERATURE CONTROLLED SMART AND PORTABLE WATER STORAGE USING PELTIER MODULE	M.Sc	PHYSICS	REVA UNIVERSITY, BENGALURU	Dr. PREMKUMAR D S Dr. MAHENDRA K	Ms. MANASA P Mr. LAKSHMIKANTH G
10.	46S_BE_4757	IOT BASED VEHICLE ACCIDENT DETECTION AND AMBULANCE, POLICE INTIMATING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Dr. SHREEDHAR A. JOSHI	Ms. POOJA PATIL Ms. USHA B HULLIKASHI Ms. SUMATI GOUDA Ms. ANUSHA PASCHAPURA
11.	46S_BE_5461	SMART STICK WITH ACCIDENT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Dr. JAYASHREE NIDAGUNDI Dr. VIJAYA.C	Mr. SHRIVATSA MOKHASHI Mr. MD SAMI NADAF Mr. SHREYAS MANDAKKI Mr. DEEPAK HIREMATH
12.	46S_BE_0905	REAL TIME EPILEPTIC SEIZURE ATTACK DETECTION AND ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Mr. NIRANJAN MAMADAPUR	Mr. LAKSHMIKANTH B N Mr. JAYANTH V BHANDARE Mr. ANISH BHARADWAJ K G Mr. CHETHAN GOWDA M K
13.	46S_BE_1122	AUTOMATIC ENGLISH TO BRAILLE TRANSLATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Mr. PRATHAPCHANDRA	Mr. SHREEJITH V NAIR Ms. PARVATHI U S Mr. RAHUL M SHIROL

14.	46S_BE_1415	AN APPROACH TO DIAGNOSE HEART ARRHYTHMIA DISORDERS USING EMBEDDED MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SHANKARGOUD PATIL	Mr. VALLABH RAMAKANT DESHPANDE Ms. SHWETA R. NAIK Ms. SNEHA SHANKARGOUDA PATIL Mr. VINAYAK KELAGINAMANI
15.	46S_BE_1587	ADVANCED ANTHROPOMORPHIC DETECTION AI BASED ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SUJAY GEJJI	Mr. SRIRAM PANDURANGA BALIGA Ms. VISHAKA MAHANTESH KULLOLI Ms. VEDHA PRAKASH HONGAL Mr. PRAVEEN KODLIWAD
16.	46S_BE_2187	INTELLIGENT NIGHT SURVEILLANCE USING DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. NARAYAN A BADIGER	Mr. SAINAND S PRABHU Ms. SWATI HAKARE Ms. TRUPTI HAWALDAR Mr. VIKAS MADANASHETTI
17.	46S_BE_0744	PERFORMANCE ASSESSMENT OF INDUCTION MOTOR BY CONDITION MONITORING WITH IOT	B.E.	MARINE ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. RAGHAVENDRA M J	Mr. VINAYAK KAMMAR Ms. SAHANA H S Mr. MOHIT MANJUNATH KULKARNI Mr. GAJANAN AMBIGER
18.	46S_BE_1077	FLOW ANALYSIS FOR DEHYDRATION PROCESS FOR TRAY DRYING SYSTEM FOR SEEDS	B.E.	MARINE ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. VIVEK V. KUMAR	Mr. SAJAN THOMAS Mr. THINGALAYA MITESH DINESH Mr. OSWIN VINITH D'SOUZA Ms. AKSHATA DESAI
19.	46S_BE_2838	IOT BASED PORTABLE VENTILATOR FOR RESPIRATORY ISSUES IN MEDICAL APPLICATIONS	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	UNIVERSITY B.D.T. COLLEGE OF ENGINEERING, DAVANAGERE	Dr. T.D.VISHNUMURTHY	Mr. ABHISHEK.S.HADAGALI Ms. AKSHATHA.R Ms. ANITA CHANNABASAPPA TELAGI Ms. ANJALI DAFEDAR

20.	46S_MSc_044	PREPARATION OF ACTIVATED CARBON FROM COCONUT SHELL FOR DRINKING WATER PURIFICATION	M.Sc	PHYSICS	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Dr. CHETHAN PRATHAP K N	Ms. ASHWINI D S Ms. AMULYA B M Ms. VARSHITHA N S
21.	46S_MSc_047	MINERAL BIO WATER PURIFICATION POT	M.Sc	PHYSICS	UNIVERSITY COLLEGE OF SCIENCE, TUMKUR UNIVERSITY, TUMAKURU	Dr. CHETHAN PRATHAP K N	Mr. GIRISH N L Mr. CHANDRASHEKAR GOWDA N
22.	46S_BE_2239	SMART HAPTIC SOLAR POWERED E-JACKETS FOR SOLDIERS WORKING AT EXTREME CONDITIONS USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPANI, BELAGAVI	Prof. ARATI SUDHAKAR Prof. PRASHANT HEBBALE	Ms. B. SNEHA Ms. ANUSHAKA V HURALI Ms. LUBNA M GOUNDI Ms. PRATIKSHA R PATIL
23.	46S_BE_4661	AI-BASED ROBOTIC RECEPTIONIST	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. CHANDRAPRABHA NAGARAJAN Dr. CHANDRASHEKAR S M	Mr. BHARATH B. N Ms. BINDU V Ms. BRUNDA V Mr. CHARAN S