

# 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:** 15th June 2023 (Thursday), 1:15 PM

**Session Link:** <https://meet.google.com/dde-ogot-rcu>

**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_BE_1513	EXPERIMENTAL STUDY ON STABILIZED BLACK COTTON SOIL BLOCKS USING ALCCOFINE,LIME AND POLYPROPYLENE FIBERS	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. SANDHYA RANI G M	Ms. CHAITHRA R Ms. CHETHANA R Ms. HARSHITHA T Mr. TEJAS H
2.	46S_BE_1529	SOLID WASTE DISPOSAL SITE SELECTION IN SOUTH BANGALORE CITY OF KARNATAKA USING GEOSPATIAL TECHNOLOGY	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. MAHESH D	Ms. ANUSHREE S Ms. VANDANA D RAJ Mr. VENKATESH KUMAR S Mr. VINOD KUMAR N
3.	46S_BE_2766	AN EXPERIMENTAL STUDY ON FIBER REINFORCED SELF-COMPACTING CONCRETE BY USING COMPOSITE MATERIALS AND C AND D WASTE WITH ARTIFICIAL INTELLIGENCE TOOLS	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. R L RAMESH Mr. RAGHAVENDRA R	Ms. VANDANA S Ms. MEGHANA L Ms. DEEPASHREE L Ms. CHANDANA N MONISHA M
4.	46S_BE_2348	RECYCLING OF WASTE MATERIALS SUCH AS WASTE COOKING OIL AND GROUND TIRE RUBBER FOR ASPHALT PAVEMENT CONSTRUCTION	B.E.	CIVIL ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. GEENA GEORGE	Mr. SHASHIDHAR K N Mr. NIKIL S BOLI Mr. SAGAR KUMAR Mr. VENU N

5.	46S_BE_2780	STUDY ON EFFECTS OF MUNICIPAL SOLID WASTE ON WATER QUALITY, A CASE STUDY IN SEEGEHALLI AREA BENGALURU	B.E.	CIVIL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. M S NAGARAJA GUPTA	Ms. LAKSHMI M Ms. KRITHI Y Mr. MANOJ S L Mr. ARUNKUMAR N
6.	46S_BE_2929	EXPERIMENTAL INVESTIGATION ON STRENGTH CHARACTERISTICS OF WASTE WATER BASED SELF HEALING CONCRETE	B.E.	CIVIL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. SREEDEVI R	Mr. PUITH SARAVANA Mr. CHETHAN K Mr. SHIVARAJ C Mr. DARSHAN S
7.	46S_BE_4225	RECYCLING OF WASTE PLASTICS INTO FUEL	B.E.	CIVIL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. USHA K N	Mr. SHASHANK C S Mr. PAVAN KUMAR K Mr. RAJASHAKAR REDDY V H Mr. RAVI KUMAR D R
8.	46S_BE_1950	STABILIZATION OF BLACK COTTON SOIL BY GEO-JUTE FIBER	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mrs. LEKHANA G S Mr. NARAYANASWAMY K M	Ms. ANGELINE ASHITHA M P Ms. PREETHI S Ms. YASHODHA N Ms. KAVYA K
9.	46S_BE_2886	PRODUCTION OF METHANE GAS FROM HOUSEHOLD FOOD WASTE	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mrs. ARPITHA A	Ms. DISHA P Mr. ROHITH M R Ms. BHAVANA S Mr. DARSHAN P S
10.	46S_BE_2898	EFFECT OF RECYCLED MATERIALS ON NO FINES CONCRETE PAVEMENT	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mrs. ABHISHEKA L Mrs. RAJATH H G	Ms. GOWTHAMI S Mr. MOHAN D Mr. CHETHAN T P Ms. SHREYA S
11.	46S_BE_4089	SUSTAINABILITY CHARACTERISTICS OF POROUS CONCRETE BY REPLACEMENT OF CEMENT BY STEEL FIBRES ,GLASS FIBRES AND BAMBOO FIBERS	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Ms. MANASA M Mr. UMESHA B C	Mr. PRASHANTH N S Mr. AKHIL D P Mr. BHASKAR U V Mr. ANISH J GOWDA
12.	46S_BE_4884	CASE STUDY OF BRIDGE AND PROPOSAL OF NEW BRIDGE ACROSS ARKAVATHI RIVER WITH DESIGN AND ANALYSIS USING MIDAS SOFTWARE	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Ms. MANASA M	Mr. CHANDRACHOODA M P Ms. SINCHANA V GOWDA Ms. HARSHITHA B M Mr. SANJAY KUMAR Y B

13.	46S_BE_1119	EXPERIMENTAL STUDY ON CONCRETE USING COPPER SLAG AS PARTIAL REPLACEMENT FOR FINE AGGREGATE	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. B K VARUN	Mr. MALIK TAHEER Mr. YASHWANTH O Mr. NEHAL S GOWDAR Mr. SRIHARSHA GOUD K S
14.	46S_BE_1492	HORIZONTAL FLOW CONSTRUCTED WET LAND FOR TREATING DOMESTIC WASTEWATER	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. KIRAN KUMAR H S	Ms. SNEHA H T Ms. JYOTHI B H Ms. SHWETHA H D Ms. REKHA K
15.	46S_BE_1500	MINERAL SAVING AND AUTO MINERAL ADDED WATER FILTER	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. Y B BHARATHARAJ ETIGI	Mr. MOHAMMED TOUFIQ M B Mr. GIRISH N C Mr. SIRAJ B Mr. VIDYASAGAR KALLIMANI
16.	46S_BE_1947	AN EXPERIMENTAL STUDY ON STEEL REINFORCED CONCRETE	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. SWAMY L.V	Mr. SHREYAS G N Mr. SRUJAN M.D Mr. HEMANTH SWAMY E.S Mr. SAGAR G.R
17.	46S_BE_2027	TREATMENT OF SEWAGE BY SONOLYSIS PROCESS	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mrs. SPOORTHI B	Ms. AKSHATHA M S Ms. ANUSHA P M Ms. KAVANA Y S Ms. MANASA H
18.	46S_BE_2303	FIBRE REINFORCED AUTOCLAVE AERATED CONCRETE BLOCKS(AAC BLOCKS)	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. PUTTARAJ M H	Mr. RAJATH S Mr. GANESH B C Mr. HARISH K N Mr. CHETAN G P
19.	46S_BE_0044	DESIGN AND DEVELOPMENT OF LOW-COST, ECO-FRIENDLY WATER PURIFIER FOR RURAL AREAS	B.E.	CIVIL ENGINEERING	GIRIJABAI SAIL INSTITUTE OF TECHNOLOGY, KARWAR	Mr. VAIBHAV SHIRODKAR Mrs. SWATI KALGUTKAR	Ms. NANDITA BISANALLI Mr. UDDHESH VELIP Mr. JNANESHWAR KALEKAR
20.	46S_BE_1630	AN EXPERIMENTAL STUDY TO ANALYSE THE TRAFFIC CAPACITY OF UNSIGNALIZED AND SIGNALIZED INTERSECTION THROUGH PTV VISSIM AND REDUCE TRAFFIC CONGESTION	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Ms. RAKSHITHA S Dr. S P MAHENDRA	Ms. VINUTHA M R Ms. KEERTHANA B S Mr. ANIL KUMAR E Mr. VEERESHA B

21.	46S_BE_1974	RUTTING ANALYSIS OF BITUMEN USING SODA LIGNIN	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Ms. RAKSHITHA S	Ms. THRUSHA K.C Ms. SHAZIA SHEIKH
22.	46S_BE_2470	EFFECTIVE UTILIZATION OF SOLAR ENERGY FOR PURIFICATION OF WATER	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Prof. K RAGHUPATHI Dr. ARPITHA D	Ms. SAI KEERTHI R Ms. VARSHINI AMRUTHASHREE C Mr. LALITH SOURABH Mr. NANDISH S N
23.	46S_BE_2514	FIBRE REINFORCED EXPANDED POLYSTYRENE CONCRETE	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. S P MAHENDRA	Ms. MAHIMA N Ms. DEEKSHITA M C Ms. DHANUSHREE M Mr. NAGENDRA PRASAD
24.	46S_BE_3176	OPTIMIZATION OF STEEL CONNECTIONS IN PRE ENGINEERING BUILDINGS USING NEURAL NETWORKS	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Mr. SHIVA KUMAR K S	Ms. HARSHITHA L NARASIMHA Ms. KHUSHI HARISH Ms. L BHOOMIKA Mr. LIKITH RAO M
25.	46S_BE_3414	PERFORMANCE BASED SEISMIC DESIGN OF MULTI STORIED BUILDING	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Prof. ANKITHA KIRANA KUMAR Prof. PRABHU KAMATAGI	Ms. CHANDANA N Mr. CHANDAN S Mr. ANISH S Mr. GAURAV R
26.	46S_BE_4625	IMPLICATIONS OF ANTROPOGENIC INTERVENTION TO THE HYDROLOGICAL CHARACTERISTICS IN RAMANAGARA TALUK	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. RADHIKA K N Dr. ARPITHA D	Mr. PREM CHANDAN M Ms. SINCHANA S Mr. ROHITH G Mr. SACHIN
27.	46S_BE_4389	SUSTAINABLE AND COMPARATIVE STUDY ON BRICKS USING LOCALLY AVAILABLE MATERIALS (TILE WASTE AND WASTE WATER)	B.E.	CIVIL ENGINEERING	GOVERNMENT ENGINEERING COLLEGE, TALAKAL, KOPPALA	Mrs. SANA M SAIYAD	Mr. LAKSHMAN Mr. N AMITH Mr. MANJUNATH MAGALAMANI Ms. KAVYA K
28.	46S_BE_0520	EXPERIMENTAL ANALYSIS OF ULTRA THIN WHITE TOPPING.	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Mr. SUNIL KUMAR BIRKUR	Mr. MOHD SHAKER AHMED Mr. SHAIK SALAUDDIN Mr. MOHD AHSAN ULLAH KHAN Mr. FARHAN AHMED KHAN

29.	46S_BE_0542	PHYSICAL AND MECHANICAL INVESTIGATION OF FOAM CONCRETE WITH STEEL AND COIR FIBER	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Mr. SANDEEP KUMAR Mr. UMA SHANKAR YALIGAR	Mr. HRUSHIKESH Mr. KAILASH Mr. MAHADEVAYYA Mr. MAHESHKUMAR
30.	46S_BE_0558	GIS BASED ROUTE OPTIMIZATION FOR SOLID WASTE MANAGEMENT: AT BIDAR CITY OF KARNATAKA, INDIA.	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. PRADEEP KUMAR SINGA	Mr. MOHAMMED SOHAIL Mr. MOHAMMED OWAIS Mr. IMRAN BIN ALI Mr. MOHAMMED ARBAZ
31.	46S_BE_4895	"STABILIZATION OF BLACK COTTON SOIL BY USING COIR FIBRE AND EGG SHELL POWDER"	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. UMA SHANKAR YALIGAR	Ms. VANISHREE Mr. KRISHNA Ms. MONIKA YAMME Mr. G. AKASH KUMAR
32.	46S_BE_5519	EXPERIMENTAL INVESTIGATION ON BEHAVIOUR OF CIRCULAR FOOTING RESTING ON SAND, REINFORCED WITH PLASTIC GEOCELL	B.E.	CIVIL ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Mr. PRASAD PUJAR	Mr. BRUHATH RAJ Ms. BHOMIKA P Ms. PRIYADARSHINI R Mr. SAYAM S