

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 45<sup>TH</sup> SERIES STUDENT PROJECT PROGRAMME:2021-22

### MIDTERM EVALUATION

**Date:** 29<sup>th</sup> June 2022 (Wednesday), 09:00 AM

**Session Link:** <https://meet.google.com/oxw-qzpq-pqy>

**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.	45S_BE_3859	AN EXPERIMENTAL STUDY ON REINFORCED MUD BLOCK USING SYNTHETIC FIBER & EGGSHHELL POWDER.	B.E.	CIVIL ENGINEERING	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	Mr. ADARSH SHETTY H N	Mr. ABDUL KHADIR KHAN Mr. VISHNU L Mr. R DINESH KUMAR
2.	45S_BE_0134	WATER BALANCE ANALYSIS TO SUPPORT SUSTAINABLE RIVER BASIN FOR IMPROVING AGRICULTURAL PRODUCTIVITY WITH A FOCUS ON RURAL TRANSFORMATION.	B.E.	CIVIL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SURENDRA H J	Ms. SNEHA M C Ms. INDUSHREE S Mr. KIRAN GAYAKWAD D N Ms. MOULYA K
3.	45S_BE_0175	TRAFFIC ANALYSIS AND IMPROVEMENT STUDY OF PUBLIC TRANSPORTATION BETWEEN HEBBAL TO GUTTAHALLI MAIN ROAD THROUGH BUS RAPID TRANSIT SYSTEM	B.E.	CIVIL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. SRINIDHI S U Mr. BRAMENDRA KISHORE	Mr. MITHILESH YADAV Mr. RAHUL KUMAR PANDEY ms. SUPRIYA C S Ms. NIKHIL H SHINDE
4.	45S_BE_0360	EXPERIMENTAL STUDY ON RECYCLED FINE AGGREGATE CONCRETE FOR SUSTAINABILITY	B.E.	CIVIL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. ASHA WALIITAGI	Ms. DHARSHITH B K Ms. SUPRITH RAJU S Mr. SHASHANK GOWDA S Ms. ARPITHA B
5.	45S_BE_0425	EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF GRIO REINFORCED CONCRETE	B.E.	CIVIL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. SRINIDHI S U	Mr. KARTHIK S K Ms. MEGHANA P Mr. MOHAMMAD ABDUL KHALEEL Mr. JYOTHISH RAJU
6.	45S_BE_2297	TREATMENT OF WASTEWATER FROM DYE INDUSTRY BY USING METHOD OF ELECTROCHEMICAL COAGULATION CELL	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. PRIYA V	Mr. CHANDRACHOODA SHETTY HS Mr. ANIKETHAN RAI A Mr. CHANDRASHEKAR C

							Mr. CHANDAN R
7.	45S_BE_4067	DEVELOPMENT OF ENERGY-EFFICIENT AND SUSTAINABLE SCC USING SILICA-RICH PORCELAIN POWDER AND C&D WASTE AS AGGREGATE	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. S GIRISH Dr. S MURALIDHARA	Ms. SRI LAKSHMI IYENGAR K R Mr. VIKRAM M GADGE Mr. VIHA.L Mr. SURYA M
8.	45S_MTech_115	MECHANICALLY ACTIVATED POND ASH BASED GEO-POLYMER CONCRETE	M.Tech	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. R V RANGANATH	Mr. AKASH K S
9.	45S_BE_3695	EXPERIMENTAL STUDIES ON BANANA FIBRE AND ARECA FIBRE USED AS FIXED AERATED BEDS FOR DOMESTIC WATER TREATMENT	B.E.	CIVIL ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. KAVANA S	Ms. NILAYA JAISWAL Mr. PALLAV BHARDWAJ Mr. SANDEEP PATIL Mr. S CHANDAN
10.	45S_BE_4387	DESIGN OF ECO-FRIENDLY,COST EFFECTIVE WATER FILTER USING EASILY AVAILABLE LOCAL MATERIALS	B.E.	CIVIL ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. K V MAHESH CHANDRA	Mr. MURALI S Ms. ADITHI HEGDE Ms. AYUSHI SHRIVASTAV Mr. MOHAN DAS
11.	45S_MTech_029	A STUDY ON REPAIR EFFECTIVENESS OF DAMAGED RC BEAMS WITH CIRCULAR OPENINGS USING CFRP SHEETS	M.Tech	STRUCTURAL ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. VATHSALA	Ms. ANUSHA V S
12.	45S_BE_4065	EFFECT OF NANO SILICA AND WASTE STEEL SCRAP ON MECHANICAL PROPERTIES OF CONCRETE	B.E.	CIVIL ENGINEERING	BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU	Mrs. BHAWANI MANDA Mr. GURUDATH.C	Mr. MOHAMAD IFTEKAR HUSSAIN Mr. SHARATH S N Mr. SACHLANG JAMATIA
13.	45S_BE_4437	EFFECT OF RICE HUSK ASH ON MECHANICAL PROPERTIES OF HIGH PERFORMANCE CONCRETE	B.E.	CIVIL ENGINEERING	BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU	Ms. DARSHINI P B Mr. GURUDATH C	Mr. BOM BAHADUR B K Ms. RAKSHITA Mr. HIRDESH BAMMA SUJAN ADHIKARI
14.	45S_BE_1357	STUDY ON BEHAVIOUR OF MASONRY UNITS MANUFACTURED WITH C & D WASTE	B.E.	CIVIL ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. VIBHA N DALWAI	Mr. ESHWARCHANDRA G M Mr. HARSHIL R Mr. BHUVANESHWAR REDDY V Ms. CHETHANA R
15.	45S_BE_2123	HYDROPONIC (SOILLESS) FARMING: THE TECHNOLOGY TOWARDS SUSTAINABILITY	B.E.	CIVIL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. MAHESH KUMAR S	Ms. ASHWINI Ms. BRUNDA S Mr. CHARAN K Mr. SATHISH R
16.	45S_BE_1435	NANOTECHNOLOGY BASED MULTIPURPOSE COATING FOR WATERPROOFING AND THERMAL INSULATION	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Prof. JAYATHEERTHA HS Dr. RAGHUNATH HS	Mr. PRUTHVI B N Ms. POOJA PATEL Mr. KRUTHANK M R Mr. AKSHAY GOWDA H V
17.	45S_BE_1464	ECO-FRIENDLY MODULAR HOUSING USING PREFABRICATED COCONUT COIR PANNELS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY	Mr. P GIRISH	Mr. RACHITH VASUMAN S Mr. NIYAM YAGNIK P

					AND MANAGEMENT, BENGALURU		Mr. CHANDAN GOWDA H S Mr. MADHU M
18.	45S_BE_0078	APPLICATION OF FISH SCALE POWDER AS BIO-MATERIALS IN BITUMINOUS MIXTURES	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SHIVA KUMAR.G	Mr. ANANTH. V. SHEDGERI Mr. AKASH Mr. DARSHAN. R Mr. GOWDA. C. K
19.	45S_BE_0219	MODELLING OF LIGHTENING ARRESTING SYSTEM USING SOLAR PANELS AND HARVESTING THE ENERGY IN BATTERY AND UTILISING THE SAME FOR PRODUCTION OF ELECTRICITY	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mrs. SUSHMA C K	Mr. CHINTALA SAITEJA Ms. ERAM SHAYUK Ms. BHAVYASHREE N Ms. BHAGYASHREE
20.	45S_BE_0266	EXPERIMENTAL EVALUATION OF STONE MATRIX ASPHALT WITH CRUMB RUBBER	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. ABHIJITH C C	Ms. ANUSHREE S J Ms. EVANJELIN RAMYA C Ms. HARSHA S WALE Ms. MEGHANA B K
21.	45S_BE_0283	EVALUATION OF HEAVY METALS POLLUTION INDEX AND SUITABILITY STUDIES FOR DRINKING, AGRICULTURAL CRITERIA AND ALSO STUDY OF REMOVAL OF CONTAMINATION BY USING NANO PARTICLES-A CASE STUDY OF DOBBOSPET INDUSTRIAL AREA SURROUNDING REGION, BANGALURU RURAL PART	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. NANDEESHA	Mr. MANOHAR P Mr. M N HARSHA Mr. MALLUKUMAR Mr. KARUNAKARA H K
22.	45S_BE_0433	DIGITAL DOCUMENTATION AND PRESERVATION OF HERITAGE STRUCTURE USING REVERSE ENGINEERING.	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. NEETHU URS	Mr. SUHAS M Mr. PRITHVI N PRABHU Ms. PRERANA J P Mr. VIKAS K T
23.	45S_BE_0484	OPTIMIZATION OF PHYSIO-CHEMICAL PARAMETERS FOR BIOSORPTION OF HEAVY METALS USING ALLIUM SATIVUM AND ZINGIBER OFFISCINALE.	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. SPOORTHY SADASHIV SHANUBHOG	Mr. SHARANABASAVA SAHUKAR Mr. SURESH MADAR Mr. TANUSH B Mr. SRIPANTH H S
24.	45S_BE_1472	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATE BY EPS(Expanded Polystyrene) BEADS IN CONCRETE BLOCKS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. MOHAMMED ISMAIL	Ms. DUPUGUNTALA L PRANAHITA Mr. PUNKESH KUMAR Mr. SHWETANK Ms. SHABANA BANU
25.	45S_BE_0659	EFFECT OF RECYCLED ASPHALT PAVEMENT AND GROUND GRANULATED BLAST FURNACE SLAG AS A COMPOSITE MATERIALS IN RIGID PAVEMENT	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. R L RAMESH	Ms. NAMITHA K Ms. TEJASHWINI C P Mr. ABHISHEK
26.	45S_BE_0670	EXPERIMENTAL INVESTIGATION OF PARTIAL REPLACEMENT OF AGGREGATE WITH STEEL SLAG AND COCONUT BIOCHAR AS FILLER MATERIAL IN BITUMINOUS PAVEMENTS	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. RAGHAVENDRA N	Mr. ATIF A JAMADAR Mr. MD SHUKRULLA KHAN Mr. OBALANAYAK M S Mr. AKASH R S
27.	45S_BE_0674	EXPERIMENTAL BEHAVIOR OF STEEL FIBER REINFORCED CONCRETE WITH PARTIAL REPLACEMENT OF GOLD MINE WASTE FOR FINE AGGREGATES	B.E.	CIVIL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. RAGAVENDRA R	Mr. VEDANTH P C

28.	45S_BE_1871	RAPID DETERMINATION ON MOISTURE CONTENT OF SOIL USING MICROWAVE OVEN	B.E.	CIVIL ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Prof. BARNAL GHOSH	Mr. ABHILASH S Mr. NIRANJAN S Mr. SUHAS K P Ms. HEMALATHA G P
29.	45S_BE_4491	EXPERIMENTAL INVESTIGATION ON ECOFRIENDLY CONCRETE BY USING NATURAL FIBRE AS CHIKEN FEATHER	B.E.	CIVIL ENGINEERING	EAST WEST COLLEGE OF ENGINEERING, YELAHANKA, BENGALURU	Ms. PADMINI V NAGARUR Mr. SRIRAM MASTAPURE	Mr. CHANDAN A
30.	45S_BE_1447	STUDY ON FLEXURAL STRENGTH OF RC BEAM MADE OF RECYCLED AGGREGATES FROM C&D WASTE	B.E.	CIVIL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. NAGARAJ GUPTA M S Mr. SUNNY K	Mr. MOHAN KUMAR T S Mr. LIKITH M Mr. GULSHAN KUMAR SINHA Mr. RANDHIR KUMAR UPADHYAY