

# 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:** 14th June 2023 (Wednesday), 1:15 PM

**Session Link:** <https://meet.google.com/bzj-vdjc-ifw>

**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_2502	EXPERIMENTAL ANALYSIS ON PROPERTIES OF CLAY BRICK BY PARTIAL REPLACEMENT BY STONE DUST	B.E.	CIVIL ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Dr. SHIVARAJU R Prof. NARAYANASWAMY K.A	Ms. ABHINAYA N Ms. NEETHU S Ms. TEJASHWINI P.M Ms. ARCHANA V
2.	46S_BE_3161	PIEZOELECTRIC SMART ROAD	B.E.	CIVIL ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Mr. NARAYANSWAMY K A	Mr. R VARUN Mr. MARUTHIMANIKANTA G V Mr. SHIVU B N
3.	46S_BE_5177	CIRCULAR ECONOMY IN FLOWER MANAGEMENT	B.E.	CIVIL ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. PREETI JACOB	Ms. RACHANA P Mr. DUMPA RAJA SIMHA REDDY Ms. SOUNDARYA GANESH Mr. TARUN B S
4.	46S_BE_0068	AN ECONOMICAL AND SUSTAINABLE ALTERNATIVE FOR REGULAR PLASTERING WORK IN CONSTRUCTION	B.E.	CIVIL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. MAHESH KUMAR S	Ms. SOMU NAGAMANI Mr. G BALA MURALI Mr. YOGESH G Mr. NIKHIL ROHIT

5.	46S_BE_1016	STUDY ON EFFECT OF COAL ASH AND DEMOLISHED WASTE ON SOIL PROPERTIES	B.E.	CIVIL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ARUNA T	Mr. ANAND SAHUKAR Mr. ARNOLD AERNET BHASKAR Mr. MALLAPPA M Mr. PRAVEEN M
6.	46S_BE_1738	THE STUDY OF TRAFFIC CONGESTION IN A CERTAIN AREA AND PROVIDING ALTERNATIVE SOURCES TO MANAGE TRAFFIC CONGESTION WITH THE HELP OF GIS.	B.E.	CIVIL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. BHARGAVA G	Ms. SPOORTHY REDDY S Mr. SUJITH S Mr. SHARAN I C Ms. SUVIDHA P S
7.	46S_BE_0422	ANALYSIS OF WATER QUALITY BY USING ARTIFICIAL INTELLIGENCE (AI)	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. MANJUNATHA M KATTI	Mr. GOWTHAM S Ms. USHA M R Mr. KIRANKUMAR Mr. RAJU
8.	46S_BE_0835	EXPERIMENTAL INVESTIGATION ON WARM MIX ASPHALT AND RECLAIMED ASPHALT (WMA-RAP) WITH ZYCOTHERM AS ADDITIVE FOR VILLAGE ROADS	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. VENKATESH A L	Mr. VISHWAS Mr. NAVEEN G Ms. PREMA H O Mr. THARUN N V
9.	46S_BE_3011	LAND USE AND LAND COVER CHANGE DETECTION ANALYSIS USING RS AND GIS	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. CHANDAN C S	Mr. CHETHAN KUMAR T R Ms. BHUMIKA H R Mr. CHIRAG M S Ms. KUSUMA C
10.	46S_BE_3627	DECOLORIZATION OF DYE EFFLUENT USING TEAK LEAVES AND BANANA TRUNK	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Ms. RAMYA H N Mr. RAJENDRA C J	Mr. SWAROOP R SUNAGAR Mr. MANJUNATH C SIMHA Ms. SOUNDARYA M P Ms. ANJUSHREE
11.	46S_BE_4130	EXPERIMENTAL STUDY OF TRANSPARENT CONCRETE USING OPTICAL FIBRE	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. THEJESH T N	Mr. GIRISH L Ms. NAGASHREE M V Mr. MOHAMMED SAAD Mr. PAVAN K S

12.	46S_BE_0462	TREATMENT OF COFFEE PULP WASTE WATER USING ADSORPTION PROCESS	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Ms. RAMYA H N Ms. NIDHI A H	Ms. INCHARANAYAK B V Ms. VARSHITH C N Mr. LIKITH M
13.	46S_BE_0464	FEASIBILITY STUDY ON REGENERATION OF ADSORBENT USED IN COFFEE PULP WASTEWATER TREATMENT	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Ms. NIDHI A H Ms. RAMYA H N	Ms. ASHWINI C NAYAK Mr. YOGESH PRABHU M D Mr. UTHKARSH A N
14.	46S_BE_0733	LIGHT WEIGHT FOAM CONCRETE WITH NANO MATERIALS	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Prof. DEEPIKA S Prof. PRAMUKH GANAPATHY C	Ms. AYSHA ZAYA K E N Ms. YASHASHWINI R Mr. VARUN H B
15.	46S_BE_4966	PERFORMANCE EVALUATION OF POLLUTED SOIL MIXED WITH STONE SLURRY POWDER	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Mr. JAYATHEERTHA H S	Mr. GOUTHAM CHAND H E Ms. CHAITRA V Mr. SHASHIDHAR T M Mr. OMKAR
16.	46S_BE_4992	ASSESSMENT OF EFFECTIVENESS OF POLYPROPYLENE FIBERS IN CRACK REDUCTION OF CONCRETE STRUCTURAL ELEMENTS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. K.N.VISHWANATH	Ms. SOUNDARYA M Ms. AISHWARYA S N Mr. THARUN V TEJ
17.	46S_BE_5008	PERFORMANCE EVALUATION OF SOLAR DESALINATION PROTOTYPE FOR TREATING SEAWATER/BRACKISH WATER.	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Prof. SHREYAS B V Dr. K N VISHWANATH	Mr. K S BHARATH KUMAR Mr. SRINATH C R Ms. K HARSHITHA Mr. DINESH KMAR C M
18.	46S_BE_0057	STABILIZATION OF LATERITIC SOIL USING IRON ORE TAILINGS FOR PAVEMENT CONSTRUCTION	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SHIVA KUMAR G	Mr. A THAJESH RAJA Mr. AKASH C NAGAVI Mr. AKSHAY DASHAWANT Ms. GIRIJA B G
19.	46S_BE_0067	DEVELOPMENT OF SUSTAINABLE STONE MATRIX ASPHALT MIXTURES UTILIZING STEEL SLAG AND WASTE PLASTY	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SHIVA KUMAR G	Mr. PRAJWAL R GOWDA Mr. MANOJ R Mr. R NAGARAJAN Mr. PURUSHOTHAMA G

20.	46S_BE_0157	STUDY ON RATE OF CRACK HEALING IN BACTERIAL CONCRETE	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mrs. MEGHASHREE M	Ms. JESSY PRIYA P Mr. DHEERAJ S NAIK Mr. GOWTHAM V Mr. JEEVAN KUMAR D
21.	46S_BE_0293	BASALT FIBRE BAR REINFORCEMENT FOR CONCRETE STRUCTURES	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. SHAHAJI PATIL	Mr. ANKITH S Mr. CHANDU S Mr. MANOJ D Mr. MOUNESH D
22.	46S_BE_0532	MICROSCOPIC ANALYSIS OF AN UNSIGNALIZED INTERSECTION IN BANGALORE.	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. NITIN KUMAR	Mr. VISHAL KUMAR Mr. AYANSH GAURAV Mr. TARIF HASSAN Mr. UTKARSH RAJ
23.	46S_BE_0647	DESIGNING A SUSTAINABLE AND EFFICIENT BUILDING SYSTEM	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. MOHAMMED ISMAIL	Mr. SIMAL MOHAMMED Mr. NABAM TAPUNG Mr. SHOLO TEP Mr. MOHAMMED AAKIF
24.	46S_BE_0676	STUDY OF SCC WITH PARTIAL REPLACEMENT OF FINE AGGREGATE WITH STEEL MILL SCALE	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. UJWAL M S	Mr. SOURAV GOWDA S Ms. PRERANA TV Ms. SREELAKSHMI G Ms. RAKSHITH D N
25.	46S_BE_0684	GREEN SYNTHESIZED NANOPARTICLES FOR THE TREATMENT OF MUNICIPAL WASTEWATER	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. H.N. SOWMYA Dr. M. DINAMANI	Ms. VIJAYALAKSHMI ARAMBAM Mr. VIKASH KUMAR Mr. UDDYAN SINHA Mr. INCHIEPLE IHEILUNG
26.	46S_BE_0696	FLOOD ROUTING ANALYSIS USING HEC-RAS MODEL	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. PRAMODKUMAR KAPPADI	Ms. RISHIKA RANJAN Mr. MANTHAN KUMAR Ms. PANCHAMI R Ms. SARVAGYA CHAUDHARY
27.	46S_BE_0759	OPTIMUM ROUTE PLANNING OF A CITY USING GIS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. VENKATESHA G	Mr. SHASHANK M Mr. SUDHENDHU D P Mr. VINITH R Mr. SUPRITH S S

28.	46S_BE_0779	ASSESSMENT OF GEOTECHNICAL PROPERTIES OF BIO POLYMER BASED SOIL	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. RAGHAVENDRA H N	Mr. ARSHAD M B Mr. ARUN R BIRADAR Mr. J C SUJAY Mr. AMARANATH
29.	46S_BE_0921	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF COARSE AGGREGATES BY EPS (EXPANDED POLYSTYRENE) BEADS IN CONCRETE BLOCKS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. SUDEEP Y H	Ms. SUSHMA SIDDI K Mr. SHASHANK S N Mr. SHASHANK N M Mr. VISHAL SHIVAPPA BAJANTRI
30.	46S_BE_0670	CRACK DETECTION IN RC BEAM USING SENSOR	B.E.	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Ms. ASHWINI SATYANARAYANA	Mr. PARASHURAM H Ms. KUMUDA S Ms. PRIYA S Mr. SRIKANTH V R
31.	46S_BE_3005	OIL EXTRACTION BY PYROLYSIS OF PLASTIC WASTE	B.E.	CIVIL ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. S. D. VENKATARAJA MOHAN	Mr. SANATH KUMAR M Ms. PALLAVI D P Ms. PRAKRUTHI D Mr. VARUN P
32.	46S_BE_3122	EPOXY COATED BAMBOO AS A REPLACEMENT FOR STEEL IN STRUCTURAL CONCRETE BEAMS	B.E.	CIVIL ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. S.S. HONNANAGOUDAR Mr. SHARATH B	Ms. ASHA R Ms. GAGANA N L Mr. AKASH Mr. NAGESH HARPALLE