

# 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/rht-krxs-vrj>

**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_4824	FOOD WASTE MANAGEMENT BY HOUSEHOLD COMPOSTING	B.E.	CIVIL ENGINEERING	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Mrs. SHRUTHI C G	Ms. GAGANASHREE K IDARAMANI Mr. CHALUKYA K T Mr. GAGAN H V Mr. BENAK S A
2.	45S_BE_4594	ANALYSIS OF RAINFALL AND TEMPERATURE TREND SERIES IN MANDYA DISTRICT, KARNATAKA USING MANN-KENDALL AND SEN'S SLOPE TEST	B.E.	CIVIL ENGINEERING	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	Ms. SHRUTHI R	Mr. PRAJWAL L Ms. DEEPTHI S G Mr. SANJAY H U Mr. SUPRITH B S
3.	45S_BE_0489	INFLUENCE OF RIVER WATER AND TREATED INDUSTRIAL SEWAGE WATER QUALITY ON COMPRESSIVE STRENGTH OF CONCRETE WITH SAWDUST ASH AS PARTIAL REPLACEMENT OF CEMENT	B.E.	CIVIL ENGINEERING	NAVKIS COLLEGE OF ENGINEERING, HASSAN	Ms. BANDHAVYA G B	Mr. SUJAN KUMAR R K Mr. SAGAR H D Mr. MANOHARA S Mr. YASHWANTH B
4.	45S_BE_3538	GEOTECHNICAL RISK ANALYSIS IN CONSTRUCTION OF PROPOSED NATIONAL HIGHWAY THAT PASSES THROUGH THE DISTRICT OF KODAGU THAT CONNECTS KARNATAKA AND KERALA STATE.	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Prof. THEJAS A JAIN	Mr. SIDDANAGOUDA C B Mr. K P PALANGAPPA Mr. VARUN SOMAIAH G H Mr. ASHIK G S
5.	45S_BE_3884	PERFORMANCE OF MASONRY PREPARED WITH NATURAL RUBBER LATEX AND NATURAL RESINS IN MORTAR AND CONCRETE BLOCK	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Prof. PRAMUKH GANAPATHY C	Mr. KARTHIK K N Mr. DEEKSHITH B L Ms. YASHASWINI A S
6.	45S_BE_1906	EXPERIMENTAL STUDY ON STRENGTH OF GLASS FIBER REINFORCED CONCRETE BY PARTIAL REPLACEMENT OF FINE AGGREGATE BY SUGARCANE BAGASSE ASH	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Ms. LEKHANA G S Mr. RAJATH H G	Ms. DIVYA S P Ms. HEMALATHA M N Mr. BHUVAN K N Mr. HEMANTH KUMAR M

7.	45S_BE_2199	EXPERIMENTAL STUDY ON INDEX PROPERTIES OF LEACHATE SOIL AND STABILIZATION BY SUGARCANE BAGASSE ASH	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Ms. LEKHANA G S Mr. RAJATH H G	Mr. RAJU R S Ms. SAHANAPRIYA K N Ms. PRASHANTHINI Ms. SUPRITHA B C
8.	45S_BE_2274	EXPERIMENTAL STUDY ON LIGHT WEIGHT BRICK	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mr. SANTHOSH M C Mr. SUDHIR B S	Ms. CHANDANA P C Mr. BASAVARAJU K A Mr. DARSHAN K S Mr. CHETHAN H V
9.	45S_BE_2396	TO STUDY ON PARTIAL REPLACEMENT OF CEMENT BY FLYASH AND TO KNOW THE COMPARATIVE STUDY BY USING POLYETHYLENE GLYCOL (PEG-400) FOR THE ECO-FRIENDLY SELF-CURING CONCRETE	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Ms. ARPITHA A Mr. RAJATH H G	Mr. DHANUSH V S Mr. DEEKSHITH S Ms. DEVIKA B M Mr. JEEVAN RAVINDAR N
10.	45S_BE_4073	STUDY ON THE CERAMIC WASTE UTILIZATION IN THE CONCRETE	B.E.	CIVIL ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. SHIVAPRASAD K N	Mr. SUJAN T S Mr. PREETHAM G M Ms. NISARGA M Mr. MANISH RAJGOPAL
11.	45S_MTech_090	BIO-DEGRADATION OF PLASTIC USING GREATER WAX MOTH (GALLERIA MELLONELA)	M.Tech	ENVIRONMENTAL ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. PUSHPA TUPPAD	Ms. SHRAVANA S NARASANNAVAR
12.	45S_BE_2303	SOIL CLASSIFICATION USING MACHINE LEARNING	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Mr. VARUN S	Ms. HARSHITHA N H GOWDA Mr. KESHAVA N Ms. KUSUMA M Ms. POOJA H
13.	45S_BE_4369	COMPARITIVE ANALYSIS OF GROUNDWATER LEVEL WITH RESPONSE TO RAINFALL IN MYSURU DISTRICT	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Mr. MANJUNATHA R N	Mr. ROHINI T G Mr. SURYA H S Mr. PREETHAM S Mr. DILEEP KUMAR V
14.	45S_BE_4586	INTEGRATED LAUNDRY WASTEWATER TREATMENT FOR REUSE	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, MYSURU	Mr. MANOJ B R	Ms. SINCHANA V Mr. HAYAGREEVA PRASAD N R Mr. SHASHANK S E Ms. BHUVANESHWARI UMESH
15.	45S_BE_3677	INSITU HOUSEHOLD ORGANIC WASTE COMPOSTING USING UNPLASTICIZED POLYVINYL CHLORIDE PIPE BY PASSIVE AERATION METHOD	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA	Mr. MANU. S GOWDA Dr. B.C NAGENDRA PRASAD	Mr. PRASAD S S Mr. PRAVEEN NAIK Mr. RANJAN KUMAR S Mr. SHASHANK J K
16.	45S_BE_3682	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE CERAMIC TILE WASTES IN CONCRETE	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA	Mr. MAHADEV PRASAD N	Mr. NITHISH M Mr. HEMANTH KUMAR H B Mr. AJAY C Mr. PUNITH D B
17.	45S_BE_3683	AN EXPERIMENTAL INVESTIGATION ON FRESH PROPERTIES AND STRENGTH PARAMETERS OF SELF COMPACTING CONCRETE USING	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA	Ms. GANAVI S Mr. RAGHAVENDRA A	Ms. YASHIKA C V Ms. SAHANA B Mr. HEMANTH KUMAR M R Mr. MANOJ N

		CONSTRUCTION AND DEMOLITION DEBRIS AND FLYASH					
18.	45S_BE_3685	AN EXPERIMENTAL INVESTIGATION ON STABILIZED MUD BLOCKS BY USING AGRO-INDUSTRIAL WASTE	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY, THANDAVAPURA	Mr. AKSHAY N K Ms. GANAVI S	Ms. FATHINA AHMADI Ms. SAHANA K Ms. ANITHA D N Ms. MAHESHA
19.	45S_BE_2132	INTEGRATION OF SOLAR AND MICRO HYDRO SYSTEMS TO MICROGRID FOR HARNESSING THE RENEWABLE ENERGY SOURCES	B.E.	CIVIL ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Ms. HEMA H Mr. VADIRAJ RAO	Ms. SUSHMA M N Mr. SHARANPRASAD RAJESH B Ms. MALAVIKA PRAKASH Mr. IMTITONG KICHU
20.	45S_BE_2682	FERRO-CEMENT BLOCKS AN ECO-FRIENDLY ALTERNATIVE FOR CONCRETE BLOCKS AND EARTHEN STRUCTURES	B.E.	CIVIL ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. H S PRASANNA	Ms. VARSHINI B Ms. VARUNA M KULAMI Ms. SOWMYA K S Mr. RAJESHA
21.	45S_BE_3927	STUDY ON THERMAL BEHAVIOUR AND STRUCTURAL BEHAVIOUR OF RAMMED EARTH WALLS	B.E.	CIVIL ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. N C BALAJI	Mr. CHARAN A Ms. AAKANKSHA R Mr. NITHEESH N
22.	45S_BE_3965	AN INSIGHT INTO HYDROLOGICAL AND GEOTECHNICAL CHARACTERISTICS ON LAND SLIDE SUSCEPTIBILITY AT SELECTED LOCATIONS OF CHAMUNDI HILL, MYSURU	B.E.	CIVIL ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Mr. VADIRAJ RAO Mr. AVINASH R	Ms. RITU N S Ms. R ANUSHA Mr. MOHAMMAD SAAD SHAIKH
23.	45S_MTech_094	AN EXPERIMENTAL STUDY ON STRUCTURAL PERFORMANCE OF RC BEAMS STRENGTHENED FOR COMBINED FLEXURE AND SHEAR BY USING NSM-GFRP STRIPS	M.Tech	CIVIL ENGINEERING	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. N C BALAJI	Ms. AISHWARYA K M
24.	45S_MTech_100	DEVELOPING SURFACE AND ROOT ZONE SOIL MOISTURE MAPS OVER AGRICULTURAL AREA USING FIELD AND REMOTE SENSING TECHNIQUES.	M.Tech	HYDRAULICS	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	Dr. ABHISHEK A PATHAK	Mr. SANTHOSH KUMAR T N
25.	45S_BE_0769	STABILIZED ADOBE BLOCKS USING CONSTRUCTION AND DEMOLITION WASTE AS A SUSTAINABLE SOLUTION	B.E.	CIVIL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Mr. RAJEETH T J	Mr. SAGAR B M Ms. ARPITHA R Mr. SHASHANK M S
26.	45S_BE_3846	APPLICATION OF IOT IN WATER QUALITY MANAGEMENT WITHIN VVCE CAMPUS – A CASE STUDY	B.E.	CIVIL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Ms. MADHUSHREE C	Ms. NANDITHA S Mr. GIRISH G K Mr. JEEVAN KUMAR R Mr. PREETHAM K
27.	45S_BE_4155	EXPERIMENTAL INVESTIGATION OF BAMBOO REINFORCED CYLINDRICAL SHELL ROOF	B.E.	CIVIL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. UMESHA P K	Mr. SHASHANK S Ms. TANUSH A Mr. MADANKUMAR Y Mr. RANJAN M
28.	45S_BE_4238	EXPERIMENTAL INVESTIGATION OF HYPERBOLOID PARABOLIC SHELL FOR BUS SHELTER USING BAMBOO AS REINFORCEMENT	B.E.	CIVIL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. UMESHA P K	Mr. SHASHANK J Mr. RATHAN RAJ P B Mr. PRAMOD V Ms. AISHWARYA S V

29.	45S_BE_4501	RECYCLING OF SPURN WATER OF RO PLANT	B.E.	CIVIL ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. .H S DAYANANDA	Ms. BHOOMIKA P Mr. DUSHYANTH J GOWDA Mr. MASHOOD AHMED SHARIFF Ms. PRAGATI K
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