

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 28th June 2022 (Tuesday), 09:00 AM

Session Link: <https://meet.google.com/twf-ndzp-fub>

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_MTech_097	DEGRADATION OF PHARMACEUTICAL AND PERSONAL CARE PRODUCTS USING ELECTRO-CHEMICAL AND PHOTO-CHEMICAL TECHNIQUE	M.Tech	ENVIRONMENTAL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. MANJUNATH S V	Mr. UMESH S BIRADAR
2.	45S_BE_0807	BIODEGRADABLE MATERIALS FOR PACKING ACOUSTICS AND NOISE CONTROL	B.E.	CIVIL ENGINEERING	GOVERNMENT S.K.S.J.T. INSTITUTE, BENGALURU	Mr. MANJUNATHA S Mrs. NANDINI NAGANNUR	Mr. BASAVARAJA G HANCHINAL Mr. SUMANTH S Mr. MAHESH Mr. NAVEEN KUMAR B K
3.	45S_BE_3969	STRENGTH AND DURABILITY STUDIES ON SUSTAINABLE PAVER BLOCKS FOR LOW VOLUME TRAFFIC PAVEMENTS UTILIZING FLY ASH THROUGH ALKALI ACTIVATION	B.E.	CIVIL ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SREEKESHAVA K.S Dr. MANISH S DHAREK	Ms. P PRAMATHI Ms. NAMRATHA N Mr. RAAKESH M Ms. L SHIRLEY AISHWARYA
4.	45S_BE_4429	MECHANICAL PROPERTIES OF FIBRE REINFORCED GEOPOLYMER CONCRETE	B.E.	CIVIL ENGINEERING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. BASAVARAJ H S Mrs. BHARGAVI C	Mr. R S KIRAN KUMAR Mr. SANTHOSH KUMAR S Mr. MAJID MANZOOR Ms. WANI SHAHID RASHID
5.	45S_BE_4092	SUSTAINABILITY OF TRADITIONAL RURAL MUD HOUSES IN KANAKAPURA VILLAGE: A STUDY RELATED TO THERMAL COMFORT	B.E.	CIVIL ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Ms. SUSHMA M Ms. NAVEENA M P	Mr. ANUP Mr. CHAITANYA K. N Mr. PRADEEP KUMAR ST Mr. SACHIN SANGAPPA KAGAL
6.	45S_BE_1614	CORROSION INHIBITING BEHAVIOR OF VITIS VINIFERA MARC AND ALOE BARBADENSIS MILLER ON STEEL REINFORCEMENT EMBEDDED IN ALUMINOSILICATE COMPOSITE	B.E.	CIVIL ENGINEERING	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. NAGARAJ V K	Mr. BRAMESHWAR REDDY. R Mr. YASHWANTH. J Mr. NAGARAGERI SAICHITRA Ms. MANSI ANAND

7.	45S_BE_4677	A STUDY ON USE OF WASTE PLASTIC AS PLASTIC BRICK	B.E.	CIVIL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. SURENDRA B V Dr. P S NIRANJAN	Mr. BHARATH C S Mr. AKASH S Mr. ANJANEYAREDDY K N Mr. ANUP ASHOK NAYAK
8.	45S_BE_4524	VERTICAL FARMING DEVELOPEMENT - TECHNOLOGY TO CONTROL NUTRIENT SOLUTION OF HYDROPONICS	B.E.	CIVIL ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MEGHA KULKARNI	Mr. BALARAJA S Mr. ANJANEYA M J Mr. CHIDANANDA GOWDA N M Mr. KIRAN S
9.	45S_MTech_033	AN EXPERIMENTAL STUDY ON RED MUD BASED GEO POLYMER BRICKS AND MORTAR WITH FLY ASH, SILICA FUMES, GGBS AND METAKAOLIN	M.Tech	CIVIL ENGINEERING	PRESIDENCY UNIVERSITY, BENGALURU	Ms. SOWMYASHREE T	Mr. AMITH GOWDA B R Mr. CHARAN KUMAR K C
10.	45S_BE_4413	STUDY ON INCORPORATION OF PLASTIC WASTE IN CLAY BRICKS	B.E.	CIVIL ENGINEERING	PRESIDENCY UNIVERSITY, BENGALURU	Mr. GOPALAKRISHNAN N Dr. NAKUL R	Mr. JAGANNATHA B S Mr. JATIN R Mr. HEMANTHA B J Mr. HARSHA B L
11.	45S_BE_1386	STRENGTH OF MICP INORGANIC SOFT CLAY AS A COMPOSITE SOIL FOR INFRASTRUCTURE APPLICATIONS	B.E.	CIVIL ENGINEERING	R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. AMULYA T H M Mr. M T PRATHAP KUMAR	Ms. SANDHYA SHREE A Ms. DIVYASHREE S Ms. MADHUSHREE R SHET Ms. MRIDINI V PANCHAL
12.	45S_BE_2337	MANUFACTURE SUSTAINABLE AND ECOFRIENDLY COMPOSITE ROOF TILES FROM WASTE PLASTIC AND DEMOLITION WASTE TO ENHANCE RAINWATER HARVESTING	B.E.	CIVIL ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. B R SHILPA Mr. VINOD B R	Mr. DEEPAK THAKUR Mr. DHIRAJ SAH Ms. SINCHANA M Mr. BASAVAN GOWDA P
13.	45S_BE_4467	STIMULATING THE IMPACT OF URBAN SPRAWL IN SPATIOTEMPORAL VARIATION OF AIR POLLUTION IN BANGALORE REGION USING ML TECHNIQUES	B.E.	CIVIL ENGINEERING	R.V. COLLEGE OF ENGINEERING, BENGALURU	Dr. K GAJALAKSHMI	Mr. GAGAN V VERNEKAR Mr. DHANUSH B NAIDU Mr. KIRAN K Mr. MANJUNATHA HAVINAL
14.	45S_BE_1701	FLEXURAL AND CORROSIONAL BEHAVIOUR OF CONCRETE BEAMS REINFORCED WITH HYBRID CFRP WRAPPED STEEL BARS	B.E.	CIVIL ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Ms. SHALINI G V	Mr. SURESHKUMAR B Mr. ARAVIND GOWDA C Ms. HEMASHREE R Ms. BHOOMIKA V ADAGI
15.	45S_MTech_057	PHASE STABILITY OF GEOPOLYMERS UNDER LEACHING CONDITIONS	M.Tech	CIVIL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. LAKSHMIKANTH. S Dr. NATARAJA. M.C	Mr. NIKHIL N D
16.	45S_BE_3473	EFFECT OF CHEMICAL ADMIXTURES ON HYDRATION, MECHANICAL PROPERTIES OF ALKALI ACTIVATED MATERIALS	B.E.	CIVIL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. LAKSHMIKANTH S Dr. NATARAJA M C	Mr. HEMANTHKUMAR H P Mr. RAGHAVENDRA R K Mr. NIROOP DARSHAN B C Mr. NACHIKETH P
17.	45S_BE_4347	CONDITION ASSESSMENT AND MONITORING OF RC STRUCTURAL ELEMENTS SUBJECTED TO EARTHQUAKES AND HIGH TEMPERATURE DUE TO FIRE ADOPTING IOT WIRELESS SENSOR SYSTEMS	B.E.	CIVIL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. Y. K. GURUPRASAD	Mr. SARAYU GUNDLAPALLI Ms. RITU K LOHAR Mr. ROSHAN S Mr. NISHANTH M GOWDA

18.	45S_MTech_069	ENHANCEMENT OF FLEXURAL AND SHEAR DEFICIENT RC BEAM DUE TO DISTRESS BY WRAPPING CARBON AND GLASS FIBRE REINFORCED POLYMER	M.Tech	STRUCTURAL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. PRASHANT SUNAGAR	Mr. RAKESH ASHOK PATIL
19.	45S_MTech_102	CONDITION ASSESSMENT AND SUSTAINABLE RETROFITTING OF CORRODED RC STRUCTURAL ELEMENTS	M.Tech	STRUCTURAL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. Y K GURUPRASAD	Ms. SNEHA PANDU NAIK
20.	45S_MTech_108	STRUCTURAL HEALTH MONITORING OF RC STRUCTURAL ELEMENTS EXPOSED TO HIGH TEMPERATURE USING IOT AND RETROFITTING OF TEMPERATURE DAMAGED STRUCTURAL ELEMENTS ADOPTING SUSTAINABLE MATERIALS	M.Tech	STRUCTURAL ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. Y K GURUPRASAD	Ms. MEGHASHREE L
21.	45S_MTech_027	INVESTIGATION ON THE DEVELOPMENT OF ZEOLITE BASED BRICKS FOR ITS MICROSTRUCTURAL AND MECHANICAL PROPERTIES UNDER DIFFERENT CURING CONDITIONS	M.Tech	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Mr. NAYANA N PATIL	Mr. BHARATH C
22.	45S_BE_1884	EXPERIMENTAL STUDIES ON DEVELOPING LIGHT WEIGHT, SOUND ABSORBING, THERMAL RESISTING MYCELIUM BRICKS FOR ITS MICRO-STRUCTURAL AND MECHANICAL PROPERTIES.	B.E.	CIVIL ENGINEERING	REVA UNIVERSITY, BENGALURU	Ms. SINDHOORA C	Ms. BUDDAPRIYA DODDAMANI Mr. KIRAN KUMAR N Mr. VAISHAK M Mr. ANKIT EDWIN TIGGA
23.	45S_BE_3847	MICROSTRUCTURE ANALYSIS OF BLACK COTTON SOIL USING DEMOLITION WASTE	B.E.	CIVIL ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. SHRILATHA B	Ms. BHAGYALAKSHMI P R Mr. KIRANKUMAR K H Ms. DILEEPA H P Ms. SAHANA K
24.	45S_BE_0728	EXPERIMENTAL STUDY ON MECHANICAL STRENGTH AND DURABILITY OF GLOW-IN-DARK CONCRETE	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Mr. SHASHIKUMAR A	Ms. ABHISHA M Mr. ADHESH PRERAN Mr. ABHISHEK K S Mr. BHARAT KUMAR Y K
25.	45S_BE_1379	ANALYSIS OF PERFORMANCE OF SELF -HEALING CONCRETE USING BACILLUS SUBTILIS	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Mr. CHETAN G N	Ms. ANUSHREE G Ms. ANNAPOORNA N Ms. ANJUM RASHEED Ms. LAKSHMIPATHI S R
26.	45S_BE_1385	DEWEEDING IN PONDS BY CHEMICAL TREATMENT : A CASE STUDY	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Ms. BHAVYA S	Ms. HAMSHITHA D Ms. HARSHITHA E Mr. GIRISH A Mr. JEETENDRA KUMAR YADAV
27.	45S_BE_1485	ASSESSMENT OF POLLUTIONAL POTENTIAL OF GROUNDWATER THROUGH WATER QUALITY INDEX	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Mr. RAVEENDRANATH C	Mr. YASHWANTH S Ms. VINUTHA K T Mr. VIVEK N PATEL
28.	45S_BE_1813	EXPERIMENTAL STUDY ON THE USE OF GOLD MINE TAILING AS A FINE AGGREGATE	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Mr. KAMATH G M	Ms. RAJANI KANTH N Ms. PRAGATHI N Mr. PRAJWAL D Mr. PRAJWAL H R

29.	45S_BE_4274	APPLICATION OF REMOTE SENSING AND GIS FOR OPTIMIZATION OF MUNICIPAL SOLID WASTE COLLECTION ROUTE FOR DODDABALLAPURA CITY, BANGALORE RURAL DIST., KARNATAKA-561203	B.E.	CIVIL ENGINEERING	SAI VIDYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SREEKUMARY G	Ms. SHALINI P Ms. PRATHIBHA N Ms. BRUNDA M
30.	45S_BE_1146	BACTERIAL BASED SELF HEALING CONCRETE	B.E.	CIVIL ENGINEERING	Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RAVI KUMAR H Dr. PRIYA NARAYAN	Mr. ROHAN BABU S B Mr. PUNEETH GOWDA N Mr. ABHIRAM S R Mr. NAVEEN P D
31.	45S_BE_1308	A STUDY ON TREATMENT OF GREY WATER USING CEMENT KILN DUST AND CHEMICAL COAGULANTS	B.E.	CIVIL ENGINEERING	Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. VYSHNAVI D R Dr. SHIVANNA S	Ms. ASHWINI A Mr. ARUN KUMAR K R Mr. CHETHAN B Mr. K N CHINAKA DARSHAN
32.	45S_BE_1328	GREEN AUDIT A NEW APPROACH FOR SUSTAINABILITY	B.E.	CIVIL ENGINEERING	Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SHIVANNA.S Mrs. VYSHNAVI D R	Mr. DAIVEEK PRASAD Mr. RITHIK M Ms. M MANISHA Ms. DEESHA V
33.	45S_BE_0598	HYBRID FERROCEMENT PANEL	B.E.	CIVIL ENGINEERING	VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. CHANDANA ANR Mr. SATISH G A	Ms. MEGHANA A M Mr. ARJUN KISHAN V Mr. PRASHANT REDDY Mr. RAHUL Y