



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### MIDTERM EVALUATION

**Date:** 6 May 2025, 9.00 AM

**Session Link:** <https://meet.google.com/jfm-tapn-set>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	48S_BE_2218	USE OF SUGARCANE BAGASSE ASH AND SILICA FUMES AS A PARTIAL REPLACEMENT FOR CEMENT IN STABILIZATION OF MUD BLOCKS	B.E.	CIVIL ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. S B TALAVARA	Ms. HARSHITA P CHOUKIMATH Ms. GOURI UKKALI Ms. KAVERI I BIRADAR Ms. PRIYA D NAIK
2.	48S_BE_2480	EXPERIMENTAL INVESTIGATION OF NEGATIVE CARBON CONCRETE USING BIOCHAR IN CONCRETE BLOCK	B.E.	CIVIL ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. M. B. ISHWARAGOL Prof. M.Q. PATEL	Ms. SEEMA SAVALAGI Ms. SUDHA GOULI Ms. SWATI RAMARATH Ms. SHAKINYA KULKARNI
3.	48S_BE_3753	ECOFRIENDLY SELF CURING CONCRETE USING POLYETHYLENE GLYCOL 600 AND GGBS	B.E.	CIVIL ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. S B TALAVARA	Ms. AISHWARYA KOTYAL Ms. AISHWARYA MANTUR Ms. PRABHAVATI BIDARI

4.	48S_BE_2437	ENVIRONMAENTAL APPLICATION OF GEOPOLYMER CONCRETE CONTAINING C&D WASTE FOR WATER PURIFICATION	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. MANJUNATH S V Prof. SREENIVASA MURTHY A	Ms. RAMYA H R Mr. SACHIDANANDA BENNER KN Mr. SHUVANJAN JUNG BASNET Mr. SUTEERTH A
5.	48S_BE_4055	FRCM BASED SUITABILITY STUDIES ON PERFORMANCE ENHANCEMENT OF SEISMIC RESILIENT AND MASONRY STRUCTURES IN RURAL AREAS	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. MANISH S DHAREK	Ms. SHRAVANI Mr. TARUNKUMAR K O Mr. SHANKAR PATTAR Mr. SURAJ I R
6.	48S_BE_4851	SYNERGISTIC RECLAMATION OF BIOMEDICAL WASTE ASH AS A PARTIAL SAND SUBSTITUTE: IMPACT ON THE STRENGTH BEHAVIOR OF STABILIZED MUD BLOCKS	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Prof. DEEPA T Dr. K. ASHA	Mr. JAY GANESH Mr. SHARANA BASAVA Mr. SHASHI KUMAR K B Mr. JAYANTH KUMAR L
7.	48S_BE_4954	EXPERIMENTAL STUDIES ON RETROFITTED MASONRY BUILDING MODELS FOR RURAL AREAS SUBJECTED TO SHOCK LOADING FOR SEISMIC MITIGATION	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. MANISH S DHAREK	Mr. AKASH K A Mr. ABHILASH M MOKHASHI Mr. ARUN V G Mr. DARSHAN V SHETTI
8.	48S_BE_6466	STUDY ON ALKALI ACTIVATED BIOMASS BASED MASONRY UNITS	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Prof. VIBHA V.	Mr. PRAJWAL Mr. R VINAYAK SHESHADRI Mr. PAVAN Mr.YASHPAL KUMAR
9.	48S_MTECH_0064	LOW COST WIRELESS IOT SENSOR BASED DAMAGE ASSESSMENT AND SUSTAINABLE RETROFIT OF FIRE DAMAGED RC COLUMNS	M.Tech	CONSTRUCTION TECHNOLOGY AND MANAGEMENT	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. Y K GURUPRASAD PHD(IISC) PDF(IISC)	Mr. ABDUL MOHSIN

10.	48S_BE_2770	DEVELOPMENT OF GRAPHENE ENHANCED MORTAR FOR IRRIGATION CANAL LINING TO MINIMIZE SEEPAGE AND IMPROVE IRRIGATION EFFICIENCY	B.E.	CIVIL ENGINEERING	B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	Prof. ARCHANA K	Mr. SUHAS N Mr. SHASHANK K Ms. ANJUSHA K A
11.	48S_BE_4074	DESIGN OF TRAFFIC SIGNAL ALERT DEVICE TO REDUCE THE ROAD ACCIDENTS AT CRITICAL SIGHT DISTANCES	B.E.	CIVIL ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. SRINIVAS.F.CHITRA GAR	Ms. SWAPNA UMESH BANGARKINAGI Ms. VIJAYLAXMI NINGOLLI Mr. PRATIK DEEPAK RUNWAL Mr. SAIPRASAD JADHAV
12.	48S_BE_3337	AN EXPERIMENTAL STUDY ON EFFECT OF SLAG AND FINE AGGREGATES ON FRESH AND HARDENED PROPERTIES OF SELF COMPACTING CONCRETE	B.E.	CIVIL ENGINEERING	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Mr. SRI. SAVAN R G BASAVARAJ	Mr. SHASHANK B REDDY Ms. SUMA P C Mr. SUHAS S Ms. PRIYANAKA N
13.	48S_BE_0205	STUDY ON ARCHITECTURAL IRREGULARITIES IN EARTHQUAKE RESISTANT BUILDINGS USING STAAD PRO AND RECOMMENDING SUITABLE SOLUTIONS	B.E.	CIVIL ENGINEERING	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. PURUSHOTHAMA C T	Mr. ABDUL RAHMAN ZULFIQUAR ALI M H Ms. BHEEMA BAI Mr. JUNAID K K Ms. SHABANA RAJESAB VATARAD
14.	48S_BE_4809	ENHANCING TRAFFIC EFFICIENCY AND SIMULATION THROUGH ADVANCED CIVIL ENGINEERING DESIGN	B.E.	CIVIL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ABHILASH R Prof. ARUNA T	Mr. SIGIRISETTY NAGA VENKATA HEMANTH Ms. H RAKSHANKITHA
15.	48S_BE_0302	ARTIFICIAL NEURAL NETWORK (ANN) FOR PREDICTING THE CONCRETE COMPRESSIVE STRENGTH	B.E.	CIVIL ENGINEERING	CHANNABASAVESH WARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. MANJUNATHA M KATTI	Mr. HRUTHIK T J Mr. YOGANANDA T K Ms. ANKITHA RANI Ms. JHANSI H K

16.	48S_BE_0307	MACHINE LEARNING MODEL FOR PREDICTING CONCRETE COMPRESSIVE STRENGTH	B.E.	CIVIL ENGINEERING	CHANNABASAVESH WARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. MANJUNATHA M KATTI	Ms. MENAKA G S Ms. SONA D N Ms. TEJASWINI B P
17.	48S_BE_2332	SOIL PRONE TO RAINFALL INDUCED LANDSLIDES A PROTOTYPE SIMULATION	B.E.	CIVIL ENGINEERING	CHANNABASAVESH WARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mrs. RAMYA H N	Mr. JEEVAN MALLAIAH Mr. RANGEGOWDA A S Ms. NAINITA Mr. ANKITH T
18.	48S_BE_0025	A FEASIBILITY STUDY ON APPLICATION OF FENTON PHOTOCATALYSIS IN REMOVAL OF DYE FROM SYNTHETIC WASTEWATER	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Prof. RAMYA H N Prof. NIDHI A H	Ms. BHAVYA C R Mr. DISHIL DEVAIAH P A Mr. FAIZAL P I Mr. LOHITH M U
19.	48S_BE_3153	REMODELING THE CONGESTED URBAN INTERSECTION - A CASE STUDY OF KONANAKUNTE CROSS JUNCTION	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. K N VISHWANATH Dr. M K HARIKEERTHAN	Mr. GOKUL K N Mr. MITHUN N Mr. SHASHANK V Mr. TEJAS H T
20.	48S_BE_3161	STRENGTH AND COST EFFECTIVENESS OF RETROFITTED RCC BEAMS USING ARTIFICIAL WOVEN FABRICS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. SHUBHALAKSHMI B S Mrs. SANDHYA V	Ms. SABBAAH ANDRABI Ms. NANDITHA K Mr. ARUNKUMAR G Mr. SOBAN
21.	48S_BE_3217	PERFORMANCE EVALUATION OF GREEN SYNTHESISED NANOCOMPOSITE ENHANCED ELECTRODES IN MICROBIAL FUEL CELL (MFC) FOR GENERATING EFFICIENT ELECTRICITY	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Prof. SHREYAS B V Dr. K N VISHWANATH	Mr. YASHWANTH KUMAR R Ms. AKSHATHA N Ms. HARSHINI S R Mr. MANOJ U

22.	48S_BE_3816	PERFORMANCE EVALUATION OF BLACK COTTON SOIL STABILIZED WITH CONSTRUCTION DEMOLITION WASTE (C&D WASTE) AND LIME FOR SUSTAINABLE INFRASTRUCTURE DEVELOPMENT - AN ECO-FRIENDLY METHOD	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. DEEPAK GB	Mr. BK PRAVEEN KUMAR Ms. NANDINI D Mr. SANJAY MEDAR Mr. UJWAL RAJ R
23.	48S_BE_3820	FIRE LOAD CALCULATION AND REMEDIAL MEASURES AS "FIRE SAFETY AUDIT" FOR BLOCK A, B & M at DSATM CAMPUS	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. K N VISHWANATH	Mr. NARAYAN V Mr. AKASH P Mr. GAGAN H P