



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

49th series of Student Project Programme (SPP): 2025-26

MIDTERM EVALUATION

Date: 16 April 2026, 9.00 AM

Session Link: <https://meet.google.com/wes-nxvc-bqa>

Note:

- **Only the below-mentioned project teams should join the session**
- Project evaluations will be conducted in the order listed below. Each presentation/demonstration will last approximately **8-10 minutes**, followed by **2-3 minutes for a Q&A session**.
- If a project team is absent when called, the next project in the sequence will be invited to present. Therefore, all concerned students must join the meeting and be **available at least 30 minutes prior to their scheduled time** for project interaction.
- A lunch break will be announced by the evaluator during the afternoon session. Teams are advised to plan accordingly and manage their time to ensure smooth participation.
- **Requests for postponement of project evaluations will not be entertained.** If a project team is absent, it will be considered as **not completed / not having taken up the project**, and the institution will be informed to **refund the sanctioned amount**.
- Projects selected for the Annual State-Level Poster Presentation and Exhibition will be held in July 2026. The selected projects will be announced in **May 2026**, after completion of the evaluation process.

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	49S_MTECH_0006	DESIGN AND VALIDATION OF A LOW-COST 3D-PRINTED SELF-HEALING CONCRETE USING MACHINE LEARNING TECHNIQUE	M.Tech	STRUCTURAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. ASHWINI SATYANARAYANA	Mr. MANOJ K N

2.	49S_MTECH_0010	EXPERIMENTAL AND IMAGE PROCESSING FRAMEWORK FOR EVALUATING DEFORMATION IN ELASTOMERIC BEARINGS UNDER STATIC COMPRESSION	M.Tech	STRUCTURAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mrs. M MEGHASHREE	Ms. SAI PRANATHI R
3.	49S_MTECH_0025	INTEGRATION OF DEEP LEARNING AND FINITE ELEMENT ANALYSIS FOR DAMAGE DETECTION AND REHABILITATION ASSESSMENT OF RC ELEMENTS	M.Tech	STRUCTURAL ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ASHWINI L K	Mr. MANJUNATHA S
4.	49S_BE_6557	LOW COST ENERGY AND WATER RECOVERY MODEL USING RAINWATER DRAINAGE SYSTEM	B.E.	CIVIL ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Dr. VIDYA.B R	Ms. SOUNDARYA.C Ms. AKSHATHA.R Ms. SINCHANA A R Ms. PRASHANTH D.H
5.	49S_BE_4502	ROAD SAFETY AUDIT FOR OPERATION AND MAINTENANCE STAGE FROM JP NAGAR METRO SIGNAL TO NAYANDAHALLI METRO STATION	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Prof. RAKSHITHA S	Ms. ANUSHA V NAIK Ms. SPOORTHI N
6.	49S_BE_2646	EXPERIMENTAL EVALUATION OF BOND-SLIP BEHAVIOR OF GFRP REINFORCEMENT IN CONCRETE	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. UMA SHANKAR YALIGAR	Mr. VIKRAM Mr. MD UZAIR HUSSAIN Mr. SHAIK SAMI AHMED Mr. VISHNU PRAKASH
7.	49S_BE_2663	STUDY ON THE STABILIZATION OF SOIL USING BANANA FIBER, SODIUM SILICATE AND GUAR GUM POWDER	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. PRADEEP KUMAR SINGA	Ms. DEEPIKA Mr. ABHILASH Ms. KALPANA Mr. SACHIN
8.	49S_BE_2990	FEASIBILITY STUDY OF NON-MOTORIZED TRANSPORTATION IN SRINIVASAPURA BENGALURU	B.E.	CIVIL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Mr. BASAVARAJ AKKI	Mr. PRANAV S Mr. CHANDAN A R Mr. MANOJ K

9.	49S_BE_5364	CONDITION ASSESSMENT OF IN-SITU CONCRETE USING ULTRASONIC PULSE VELOCITY (UPV) HEATMAP-BASED VISUALIZATION	B.E.	CIVIL ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. SHASHIKUMARA S R Dr. J S SRIKANTAMURTHY	Ms. DAKSHITHA M V Mr. CHANDAN RAJ D Mr. SUKITH B V
10.	49S_BE_2726	STABILIZATION OF CLAY SOIL USING BIOPOLYMERS	B.E.	CIVIL ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Mr. UDAY SHANKAR S	Mr. SKANDA D ANAND Ms. SNEHA G Mr. SRUJAN S Mr. AMITH M K
11.	49S_BE_5680	URBAN RAPID TRANSIT FRAMEWORK FOR HUBLI-DHARWAD TWIN CITY CORRIDOR	B.E.	CIVIL ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. PRASAD PUJAR	Ms. TANUSHREE BS Mr. GAGAN BASAVARAJ BALIKI Mr. SOMASHEKAR.V Mr. BHARATH KUMAR M S
12.	49S_BE_4089	WASTE TO WATTS FOR SUSTAINABILITY: A NOVEL APPROACH TO MICROBIAL FUEL CELLS	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Prof. SUNIL UMACHAGI	Mr. ABHISHEK R GUDAGERI Mr. MD SAMEER M NARAGUND Mr. MOHAN H KALBURGI Mr. NITISHKUMAR S PATIL
13.	49S_BE_4878	INTELLIGENCE ROAD SURFACE ANALYSIS AI BASED POTHOLE DETECTION AND REDESIGN OF ROAD HUMP BY SCIENTIFICALLY	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Prof. SHWETHA.G.C Prof. SACHIN.P.D	Mr. SHRIDHAR. PATIL Mr. SACHIN.M Mr. SHRAVAN.M Mr. UDAYAGOUDA.V.H
14.	49S_BE_6663	DEVELOPMENT OF ECO-FRIENDLY, SUSTAINABLE CONCRETE BLOCKS USING SUGARCANE BAGASSE AND BAMBOO	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Dr. AKSHATA MUSALE	Mr. MD. YUSUF I TALAWAI Mr. AMIT KOULGERI Mr. RAKESH TIRLAPUR Mr. SAYED JUNAID KORPALI

15.	49S_BE_5483	AI-DRIVEN APPROACHES FOR RISK IDENTIFICATION AND MITIGATION IN CONSTRUCTION PROJECTS	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAVI	Prof. SHASHANK.U.VANAKU DARI Prof. KEERTI NEERALGIMATH	Mr. ADITYA UDAY MANE Ms. NAMRATA DHAKALU PATIL Mr. ARUN MALLAPPA JADHAV Mr. SIDDANAGOUDA IRAPPA PATIL
16.	49S_BE_3939	METHODOLOGY TO DEVELOP ROAD SAFETY INDEX FOR URBAN ROADS	B.E.	CIVIL ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Dr. UMAPATHI	Ms. CHAITHANYA U P GOWDA Mr. SYED ROSHAN RAZAQ Ms. KHUSHI KIRAN Mr. SAFFAN
17.	49S_BE_4265	TRAFFIC FORECASTING ON THE SELECTED HIGHWAY USING TIME SERIES ANALYSIS	B.E.	CIVIL ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Mrs. AKSHATHA M	Ms. LAVANYA GL Mr. NAGARAJA NAIK L Mr. BHARATH NAIK G N Mr. HEMANTH M
18.	49S_BE_0753	ADSORPTION STUDIES FOR TREATMENT OF BIOMETHANATED DISTILLERY SPENTWASH BY LOW-COST ADSORBENTS	B.E.	CIVIL ENGINEERING	K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Dr. LAXMAN AMBI Prof. RANJANI CHAVAN	Ms. VARSHA D CHIMMAD Mr. VINAYAK S PATIL Mr. SUPRIT M PATIL
19.	49S_BE_0763	OPTIMAL DESIGN OF WATER SUPPLY SYSTEM USING JALTANTRA SOFTWARE	B.E.	CIVIL ENGINEERING	K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. PRADEEPKUMAR M. HODLUR	Ms. RUTUJA KANTINATH KENCHAGOUDA Ms. SNEHA KAMBLE
20.	49S_BE_0765	ASSESSMENT OF GROUND WATER QUALITY NEAR MUNICIPAL SOLID WASTE DUMPING SITE, CHIKODI, KARNATAKA.	B.E.	CIVIL ENGINEERING	K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. SHANKARGOUDA B. PATIL	Mr. AKSHAY R KHOT Mr. OMKAR S BADIGER Mr. ROHIT M KATTI Mr. SHRINIVAS N REDDY

21.	49S_BE_5688	ENHANCEMENT OF COHESIVE SOIL PROPERTIES USING STONE COLUMN TECHNIQUE	B.E.	CIVIL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI	Dr. SHIVAMANTH	Mr. SAJID AHMAD AHANGAR Ms. SNEHA NAGESH TASHILDAR Mr. IMRAN BABASAB KOUJALAGI Ms. PRATEEKSHA HANAMANT TOPI
22.	49S_BE_5786	OPTIMIZATION OF MANGO LEAF AND TULSI LEAF POWDER BEDS WITH POLYSULFONE FOR THE REMOVAL OF GROUND WATER CONTAMINANTS	B.E.	CIVIL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAVI	Prof. NITIN DESHPANDE Dr. SHEELA SANGAM	Ms. TANJEELA VANTMURI Mr. SHREEKANT LAMANI Ms. RUTUJA KULKARNI Mr. SATYARAJ ADI
23.	49S_BE_2088	ASSESSMENT OF INSTITUTIONAL CARBON FOOTPRINT USING LIFE CYCLE ASSESSMENT; A PATHWAY TO SUSTAINABLE CAMPUS PRACTICE	B.E.	CIVIL ENGINEERING	K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU	Dr. RASHMI H R	Mr. TEJAS.K Ms. BASAVASHREE Ms. SHASHIKALA G S Mr. NAGENDRA PRASAD K S
24.	49S_BE_6096	PERFORMANCE EVALUATION OF JUTE AND BAMBOO REINFORCED SOIL-GSB SYSTEMS USING CALIFORNIA BEARING RATIO TESTS	B.E.	CIVIL ENGINEERING	M.S. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. VIVEK R DAS Dr. ASHA M NAIR	Ms. SNEHA S PATEL Mr. M VISHNU Mr. SUBHODH S Mr. SHASHANK S
25.	49S_BE_4574	GIS BASED MAPPING AND STATUS OF WATER QUALITY IN LAKES FOR SUSTAINABLE RESTORATION	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA	Dr. BC NAGENDRAPRASAD Prof. KUSUMA K	Ms. GOWDA THANUSHA NINGARAJA Ms. CHAITHRA R Mr. DARSHAN DR Ms. ANJALI N
26.	49S_BE_4593	APPLICATION OF VETIVER AND LEMON GRASS IN EFFECTIVE PHYTOREMEDIATION OF NICKEL FROM CONTAMINATED SOIL	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA	Prof. GANAVI S	Mr. BHUVAN R Mr. KEERTHIRAJ T G Mr. CHANDRU R Mr. VISHWA S P

27.	49S_BE_4602	EXPERIMENTAL INVESTIGATION OF RC COLUMNS AND ARCHES REINFORCED WITH GLASS FIBER REINFORCED POLYMER (GFRP)	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA	Prof. ROHITH JAIN	Ms. PAVITHRA C Mr. JAYANTH N Mr. KALIBAVI SUNIL Mr. SUMANTH GOWDA M R
28.	49S_BE_4614	CONDITION ASSESSMENT AND GIS-BASED MAPPING OF STORM WATER DRAINAGE SYSTEM IN MYSORE CITY USING SWMM	B.E.	CIVIL ENGINEERING	MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA	Prof. MANJUNATH G S	Mr. NITHIN T S Mr. MANJUNATHASWAMY Mr. YASHWANTH C S