



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: [www.kscst.org.in](http://www.kscst.org.in) || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652, 2334 8848/49/40

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

### MIDTERM EVALUATION

**Date: 26 April 2025, 2.00 PM**

**Session Link:** <https://meet.google.com/zxd-gove-xdo>

**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_0196	SUSTAINABLE WATER RESOURCE MANAGEMENT IN DAKSHINA KANNADA: A CASCADING SYSTEM ANALYSIS WITH GOOGLE EARTH ENGINE.	B.E.	CIVIL ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Prof. SAKETH SHETTY	Mr. MJ SAKTHI MAGENDHIRAN Ms. HARSHITHA Mr. HAVYAS K
2.	48S_BE_6003	TRACKING AND ANALYSIS OF WATER QUALITY PARAMETERS IN LAKES OF THE KC VALLEY	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. RESHMI DEVI T V Ms. KHUSHBU	Ms. MEGHANA RAJU Mr. PRAJWAL M Mr. PRANAV R P Mr. PRASHASTH P
3.	48S_BE_4412	EVALUATION OF WATER QUALITY ANALYSIS AT YELIYUR LAKE	B.E.	CIVIL ENGINEERING	CAUVERY INSTITUTE OF TECHNOLOGY, MANDYA	Dr. VINOD P N Prof. JEEVITHA K N	Mr. SHARATH G J Ms. SINCHITHA M K Ms. POOJA A
4.	48S_BE_3234	GIS-BASED RUSLE MODEL FOR SOIL EROSION RISK ASSESSMENT AND SUSTAINABLE LAND-USE PLANNING IN KABINI RIVER BASIN, INDIA	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Prof. SUPRAJA I	Ms. KEERTHI R Ms. SMRUTHI GM Mr. JEEVAN GS Mr. HHRUTHICK REDDY

5.	48S_BE_1729	STUDY ON APPLICATION OF METAL DOPED NANOPARTICLES IN WASTE WATER TREATMENT	B.E.	CIVIL ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. M S NAGARAJA GUPTA Dr. RAVIKUMAR C R	Ms. YESHASWINI B S Ms. DHARUNI V Mr. DAYANANDA C Mr. MALLESH R K
6.	48S_BE_5937	IOT-BASED WASTEWATER QUALITY MONITORING: A COMPARATIVE STUDY WITH LABORATORY TESTING	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. BASAPPA B. KORI	Mr. MD SABEEL RAZA Mr. AKASH Mr. MOHD SOHAIL Mr. SHAIK MOHAMMED OSSAMA
7.	48S_BE_5636	DEVELOPMENT OF SENSOR FOR DETECTION OF FLUORIDE IN WATER AND EXPERIMENTAL STUDY ON FLUORIDE REDUCTION USING NANOPARTICLES INDUCED SOIL ADSORBENTS.	B.E.	CIVIL ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Mrs. MADHUMATI S DHADUTI	Ms. RAKSHITA R. RATHOD Ms. SAHANA M. SUSANGI Mr. ABHISHEK B. YADAV Mr. PREETAM M. SHIGLI
8.	48S_BE_0964	DEFLOURIDATION OF DRINKING WATER USING LATERITE AS ADSORBENT	B.E.	CIVIL ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. SHANKARGOUDA B. PATIL	Mr. PRAJWAL VASANT KANAPETH Mr. RAKESH JAGADISH ADISERI Ms. RAVINA RAMESH KUNNUR Mr. ROOPESH MAHANTESH DABBAGOL
9.	48S_BE_0614	ENHANCING AGRICULTURAL WATER USE EFFICIENCY THROUGH INFILTRATION MEASUREMENTS AND OPTIMIZING THE IRRIGATION SCHEDULING	B.E.	CIVIL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Dr. LEELADHAR S. PAMMAR Dr. PURANDARA BEKAL	Mr. PRAJWAL MAHANTESH PATAT Mr. SWAYAM D. BHOGAN Mr. TEJAS LAHOTI
10.	48S_BE_4594	OPTIMIZING NON-REVENUE WATER DISTRIBUTION NETWORK USING DATA-DRIVEN APPROACH FOR WATER LOSS REDUCTION	B.E.	CIVIL ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. MRINAL B	Ms. DHANYASHRI B M Ms. NISARGA M N Mr. DARSHAN S Mr. SHRINIVAS ARALIKATTI

11.	48S_BE_4620	VERTICAL FLOW CONSTRUCTION OF WETLAND FOR DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	Prof. RAMESHWARI PATIL Dr. SRINIVAS KUSHTAGI	Ms. PRATEEKSHA Mr. CHETANKUMAR Mr. ADNAN AWAIS Mr. ABHISHEK.P
12.	48S_BE_0546	IMPACT OF UNTREATED DOMESTIC WASTEWATER ON WATER QUALITY OF CHIKKKABANAVARA LAKE BY ARTIFICIAL INTELLIGENCE BASED APPROACHES	B.E.	CIVIL ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SAVITHA A L	Mr. YOGESH ADHIKARI Mr. CHETHAN K Mr. RUPESH KUMAR MANDAL
13.	48S_BE_5174	SUSTAINABLE MANAGEMENT OF DAIRY WASTEWATER BY USING ELECTROCOAGULATION METHOD FOR SOIL REMEDIATION AND WATER QUALITY	B.E.	CIVIL ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. PRASHANTH N	Ms. G. TEJASWINI Mr. M. VIVEK PATIL Mr. SAGAR GOWDA A Mr. VIGNESH R
14.	48S_BE_0322	DEWEEDING OF PONDS AND LAKES USING TARGET HERBICIDE APPLICATION	B.E.	CIVIL ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPUR A	Prof. RAVINDRA M V	Mr. M DHANUSH Mr. DURGA PRAKASH REDDY Ms. NIVEDITHA A Mr. GURUDHARSHAN RAJU S
15.	48S_BE_3627	REMEDIATION OF TEXTILE WASTEWATER BY HYBRID TECHNIQUE USING Z1F-16 CATALYZED OZINATION COUPLED WITH FLOCCULATION SEDIMENTATION PROCESS	B.E.	CIVIL ENGINEERING	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. CHETAN MAROL	Mr. PRATIK S NAIK Mr. SUNIL DASHAVANT Mr. SIDDALINGAYYA HIREMATH Mr. VINOD PAWAR

16.	48S_MSC_0251	APPLICATION OF GEOINFORMATICS IN THE STUDY OF TRACE ELEMENTS AND THEIR DISTRIBUTION IN MINING TAILING PONDS TO IDENTIFY POTENTIAL MINERALIZATION AND TARGET ZONES FOR FURTHER EXPLORATION	M.Sc	APPLIED GEOLOGY	VIJAYANAGARA SRI KRISHNADEVARAY A UNIVERSITY PG CENTER NANDIHALLI, SANDUR, BALLARI	Dr. BASAVARAJ HATTI Prof. BASAVARAJ HATTI	Ms. GEETHA K S Ms. MUSKAN AYISHA M Ms. NANDINI B K Ms. KARIBASAMMA N
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