

# 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

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### MIDTERM EVALUATION

Date: 25 May 2024, 9.15 AM

Session Link: <https://meet.google.com/gut-aftj-wpt>

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.	47S_BE_2484	INDUSTRIAL WASTE WATER TREATMENT BY USING NATURAL ADSORBENTS	B.E.	CIVIL ENGINEERING	A.G.M. RURAL COLLEGE OF ENGINEERING AND TECHNOLOGY, HUBBALLI	Prof. VIJAYLAXMI M. SHANBHAG	Mr. RAHUL K. Mr. VENKATESH M. H. VINAYAK J Mr. VINOD KUBIHAL
2.	47S_BE_4255	ANALYSIS OF RAINFALL AND GROUNDWATER TABLE FLUCTUATION IN MYSORE CITY USING ERDAS AND ARCGIS	B.E.	CIVIL ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Ms. NAMITHA A. P.	Mr. SHASHANK C. Mr. VISHWAS I. G. Mr. KARTHIK K. Ms. PALLAVI M.
3.	47S_BE_4677	REMOVAL OF DYE FROM INDUSTRIAL WASTEWATER USING AGRICULTURAL WASTE AS A LOW-COST ADSORBENT	B.E.	CIVIL ENGINEERING	AKSHAYA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. VISHAL R. KHANDAGALE	Mr. CHARAN KUMARA B. Mr. ABDUL KADHAR ZILANI Ms. MEGHANA A. S. Mr. VASANTH
4.	47S_BE_0698	IMPLEMENTATION OF ODK MOBILE APP FOR DATA COLLECTION & MONITORING OF LAKES IN BANGALORE	B.E.	CIVIL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. PRIYANKASHRI K. N. Dr. SURENDRA H. J.	Mr. HARSHA M. Y. Mr. KESHAV REDDY L. Mr. CHARAN SRINIVAS B. S.

5.	47S_BE_4312	EXPERIMENTAL STUDY ON COMPRESSIVE STRENGTH OF CONCRETE USING TREATED WASTEWATER	B.E.	CIVIL ENGINEERING	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	Mr. SACHIN M. S. Mr. AMITH B. J.	Mr. PRASANNA KUMAR P. S. Mr. SHEETHAL JAIN S. P. Mr. HRUTHIK R. Mr. HEMANTH PATEL Mr. YASHWANTH G. P.
6.	47S_BE_4041	PHARMACEUTICALS AND PERSONAL CARE PRODUCTS REMOVAL FROM WASTEWATER USING ELECTROCHEMICAL TECHNIQUE	B.E.	CIVIL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. MANJUNATH S. V.	Ms. SAMRIDDHI TIWARI Ms. ANANYA PALAIAH Mr. DARSHAN N. Mr. GAGAN R. NAIK
7.	47S_BE_2591	DEVELOPMENT OF FRC BAFFLE BLOCKS FOR EFFICIENT ENERGY DISSIPATION ON CHUTE SPILLWAY TO CONTROL FLOODING	B.E.	CIVIL ENGINEERING	B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	Mrs. ARCHANA K.	Ms. ANKITHA R. Ms. SUPRITHA A. R. Ms. SHEETAL L. Ms. SPARSHA K.
8.	47S_BE_3619	PERFORMANCE OF HORIZONTAL SUBSURFACE FLOW CONSTRUCTED WETLAND FOR HOUSEHOLD WASTEWATER	B.E.	CIVIL ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. JAYALATHA N. A.	Ms. SOUMYA G. PATTAR Ms. VAISHANVI P. HONAKUNTI Mr. MUBARAK B. M.
9.	47S_BE_0497	DEFLUORIDATION OF GROUND WATER BY USING TAMARIND SEED AS LOW COST ADSORBENTS.	B.E.	CIVIL ENGINEERING	B.V.V.S BILURUR GURUBASAVA MAHASWAMIJI INSTITUTE OF TECHNOLOGY, MUDHOL	Prof. RUKIYA JAMADAR	Mr. VISHWANATH MALLAPPA TOTAGER Mr. NITISH V. HADIAMNI Ms. GOUTAMI S. KOLIGUDDA Ms. JOSNA S. RATHOD
10.	47S_BE_3182	EXPERIMENTAL STUDIES ON JUTE FIBRE AND ARECA FIBRE USED AS FIXED AERATED BEDS FOR DOMESTIC WASTE WATER TREATMENT	B.E.	CIVIL ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. KAVANA S. Dr. VATHSALA	Mr. RITESH VINAYAK M. Mr. THARUN KUMAR H. Mr. RAHUL RAO A. Mr. ROHITH A.
11.	47S_BE_3535	STUDY ON EFFECTS ON AGRICULTURAL FERTILIZERS ON SURFACE AND SUBSURFACE WATER SOURCES	B.E.	CIVIL ENGINEERING	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Mrs. PRIYANKA N.	Mr. TARUN K. B. Mr. SUMANTH B. C.

12.	47S_BE_3872	FOREST FIRE RISK ZONE MAPPING USING GIS AND AHP METHOD: A STUDY OF BHADRA WILDLIFE SANCTURY, CHIKKAMAGALUR, KARNATAKA	B.E.	CIVIL ENGINEERING	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. ALEEMA SAFA	Mr. KALANDAR Mr. MUHAMMAD ALI NAFFAH Mr. YUNUS AUSAF QAMAR
13.	47S_BE_1124	IMPACT OF CLIMATE CHANGE ON SURFACE WATER - ANALYSIS USING MACHINE LEARNING	B.E.	CIVIL ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mrs. RAMYA H. N. Prof. PRATHAP G. P.	Mr. SURAG Mr. G. N. DEEPU PATEL Ms. NIHARIKA ROY H. Mr. VARUN G. S.
14.	47S_BE_1132	FEASIBILITY STUDY ON APPLICATION OF PHOTOCATALYTIC PROCESS IN REMOVAL OF SYNTHETIC DYE FROM WASTEWATER	B.E.	CIVIL ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Prof. RAMYA H. N. Dr. PRAMUKH GANAPATHY C.	Mr. DHANUSH KUMAR M. D. Ms. SONIKA M. Ms. SPOORTHI D.
15.	47S_BE_0314	ADVANCED TREATMENT METHOD OF SALINE WATER USING THERMAL DESALINATION, OSMATIC MEMBRANE AND GEO-TEXTILE FILTER MEDIA	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Prof. SHREYAS B. V. Dr. K. N. VISHWANATH	Mr. YASHAS R. Ms. YASHASWINI M. Mr. PRAJWAL S. Mr. N. B. VISHWANATH
16.	47S_BE_1123	ASSESSMENT OF SURFACE AND GROUND WATER QUALITY IN THE DOWNSTREAM AREA OF BELLANDUR LAKE	B.E.	CIVIL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. TEJASWINI M.	Mr. PRASHANTH M. G. Mr. KARTHIK P. G. Mr. NELSON MIDWIN Mr. PAVANKUMAR Y. P.
17.	47S_BE_1456	PRESSURE DROP EFFECT OF STAGE GAP ON TWO STAGE ORIFICE PLATE AND COMPARISON WITH CONVENTIONAL ORIFICE	B.E.	CIVIL ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. NAGARAJ SITARAM	Mr. GAGAN KUMAR G. M. Mr. ABHILASH GOWDA V. Mr. BAAPU B. M.
18.	47S_BE_2753	PHYTOREMEDIATION FOR TREATING DOMESTIC WASTE WATER	B.E.	CIVIL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. KIRANKUMAR H. S.	Ms. SANJANA K. S. Ms. DEEPTHI H. J. Mr. VIKRANTH B. Mr. VINAYAKA K. B.
19.	47S_BE_2342	FLOOD SUSCEPTIBILITY MAPPING FOR KORAMANGALA CHALLAGHATTA (KC) VALLEY USING AHP METHOD	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Mrs. PALLAVI H. J. Mr. SHIVAKUMAR NAIKLAL	Mr. RICHARDSON Mr. GURURAJ ATNOOR Mr. MOHAMMED GHUFRAN Mr. ASIF ALI HAKEEM

20.	47S_BE_2475	COMPARATIVE STUDY OF POLLUTANT IN SEA WATER DUE TO URBANIZATION IN COSTAL LINE OF KARNATAKA	B.E.	CIVIL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. ARPITHA D.	Mr. SOORAJ SINDHEY Mr. LAKSHMISHA R. Mr. NITHIN N.
21.	47S_BE_5194	EXPERIMENTAL STUDY TO ANALYSE THE PHYSICO-CHEMICAL PARAMETERS OF TREATED GREY WATER	B.E.	CIVIL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Mr. PUNEETH KUMAR	Mr. OMKAR Mr. ASLAM PASHA Mr. ABHISHEK Mr. MAHAMAD AKBAR
22.	47S_BE_4390	STUDY ON THE BIOFILTRATION TECHNIQUE FOR GREYWATER TREATMENT	B.E.	CIVIL ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. N. R. GOWRI Mr. SYED ABU SAYEED MOHAMMED	Mr. MOHAMMED ABDUL MUIZZ Mr. MOHAMMED QUISAR Mr. KHATEEB SM RAQEEB
23.	47S_BE_3882	TREATMENT OF WATER BY USING REACTOR OF NATURAL INGREDIENTS WITH APPLICATION OF IOT BASED SYSTEM	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAABI	Prof. RAHUL R. BANNUR	Ms. SPURTI SANJAY RAJU Mr. MUSTAFID HONYAL Ms. ANKITA KANBARKAR Ms. BHAGYA J. DIGAMBARIMATH
24.	47S_BE_2731	DESIGN AND DEVELOPMENT OF RAPID SAND FILTER FOR THE CHARACTERIZATION AND TREATMENT OF RIVER KRISHNA	B.E.	CIVIL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Prof. SHRUTI KUBYAL	Mr. ASHOK D. CHALAWADI Ms. DEEPA MAHANTESH BHAJANTRI Mr. AMANALI M. NADAF Ms. ANUSHA SHETTAR
25.	47S_BE_4659	ANALYSIS OF GROUND WATER QUALITY IN AND AROUND SOLID WASTE DUMPING AREA	B.E.	CIVIL ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. RAHUL PATIL Dr. RAMESH R. S.	Mr. R. SANDEEP Ms. P. SUMALATHA RANI Ms. PRATHIBA P. V. Mr. RAJU N.