



# 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:** 24 April 2025, 9.15 AM

**Session Link:** <https://meet.google.com/qgm-wfez-uit>

**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_MSC_0303	HETEROCYCLIC DERIVATIVES AS EFFICIENT CORROSION INHIBITORS FOR MILD STEEL IN 0.5 M HCL	M.Sc	ANALYTICAL CHEMISTRY	ALVA'S COLLEGE, MOODUBIDIRE	Dr. S. SAMSHUDDIN	Ms. NIREEKSHA Mr. MILINDA S JOSHI Ms. SNEHIKA Mr. H C SAMMED JAIN
2.	48S_BE_4389	3D PRINTED PLA REINFORCED WITH HAP/CS FOR FLUORIDE REMOVAL	B.E.	CHEMICAL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Prof. SHABNAM SIDDIQUI	Ms. SEEMA N POOJARY Ms. VAISHNAVI K Mr. BALA MURUGAN Mr. SOHAM SIDDHANTA
3.	48S_BE_6005	DEVELOPMENT OF A NOVEL MEMBRANE PROCESS TO CONCENTRATE POMEGRANATE JUICE	B.E.	CHEMICAL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. CHETAN A NAYAK	Ms. KEERTHANA NAGESH Ms. GUNASHREE B M
4.	48S_MSC_0093	SUSTAINABLE SOLUTIONS FOR CHLORPYRIFOS CONTAMINATION: BIOREMEDIATION STRATEGIES AND BIOWASH DEVELOPMENT	M.Sc	BIOCHEMISTRY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. PREETHI RAJESH	Ms. R. EVANGELINE RESHMA Ms. GOPI REDDY MANISHA
5.	48S_MSC_0205	AYUR VASTRA: DEVELOPMENT USING INDIGENOUS PLANT-BASED INGREDIENTS HAVING MEDICAL PROPERTIES TO TREAT SKIN DISEASES	M.Sc	FASHION DESIGNING	GARDEN CITY UNIVERSITY, BENGALURU	Prof. GUDDI DEB SEN	Ms. KARANI BHATTACHARYYA Mr. AADITHYA NATARAJAN Ms. SUSHMA PUSAPATI

6.	48S_MSC_0176	ADVANCEMENTS IN THE REMOVAL OF BACTERIAL BIOFILMS: APPLICATION OF CELLULASES	M.Sc	BIOCHEMISTRY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. SUMA T.K	Ms. DEVIKA .N Ms. VINUTHA
7.	48S_MSC_0088	SYNTHESIS AND CHARACTERIZATION OF SLOW-RELEASE HYDROGEL FERTILIZER ON CMC (CARBOXY METHYL CELLULOSE) USING RICE STRAW AND COCONUT HUSK, A RENEWABLE AGRICULTURAL WASTE AS A SOURCE OF CELLULOSE	M.Sc	BIOCHEMISTRY	J.S.S. COLLEGE OF ARTS , COMMERCE AND SCIENCE, OOTY ROAD, MYSURU	Dr. SYEDA HAJIRA BANU Dr. CHETHAN KUMAR M	Ms. SNEHA K Ms. KEERTHANA M D Mr. MANOJ K Mr. SHARAN H G
8.	48S_BE_1157	ENERGY EFFICIENT TOUGHENING OF RECYCLED POLY PROPYLENE FOR HIGH IMPACT LOAD APPLICATIONS	B.E.	POLYMER SCIENCE AND TECHNOLOGY	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. CHANDRESH M P Dr. S ROOPA	Mr. ANANTHA KUMAR M Mr. AVINASH T.N Mr. MAHEK KHAN Mr. YOGANANDA K.M
9.	48S_MSC_0126	PHYTOCHEMICAL ENHANCED CELLULOSE MEMBRANE FOR EFFECTIVE HEAVY METAL REMOVAL FROM WATER	M.Sc	BIOCHEMISTRY	KRISTU JAYANTI COLLEGE AUTONOMOUS, BENGALURU	Dr. SHINOMOL GEORGE K	Ms. GEORGINA MARTIN Ms. NILANJANA SINHA Ms. ABITHA S
10.	48S_BE_1093	PREPARATION AND COMPARISON OF GRAPHENE OXIDE PROPERTIES DERIVED FROM AGRICULTURAL WASTE BIOMASS USING THE TOURS AND HUMMERS METHOD	B.E.	CHEMICAL ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Dr. SERIYALA ANIL KUMAR	Ms. D ASHWINI CHOUDRY Mr. ARUNKUMAR GJ Ms. ASHIKA P SHETTY Mr. ABISHEIK NATHAN MS
11.	48S_MSC_0016	EXPLORING THE PROBIOTIC EFFECTS OF FOXTAIL MILLET AND BROWNTOP MILLET ON GUT MICROBIOTA HEALTH	M.Sc	BIOCHEMISTRY	REVA UNIVERSITY, BENGALURU	Dr. SHARADAMMA.N Mrs. DEBASREE BASU MUKHARJEE	Ms. MANUDEVI S Ms. DEEPASHREE DR Ms. SINCHANA SURESH Ms. PRATHIBHA GS
12.	48S_BE_0378	GREEN SYNTHESIS OF NANOMATERIALS FOR CO2 CAPTURE	B.E.	CHEMICAL ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Dr. LOKESHWARI N Dr. KESHAVA JOSHI	Ms. K N BINDU Ms. SAKSHI BANASODE Ms. SAMPREETA GUDI Ms. SONALI POKHARKAR

13.	48S_BE_0403	HYBRID ELECTRO-CHEMICAL COAGULATION PROCESS FOR WASTEWATER TREATMENT	B.E.	CHEMICAL ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Dr. KESHAVA JOSHI	Mr. PREETHAM P BHUTE Mr. ALFAZ AHMED BT Mr. SHARAN S Mr. MALLIKARJUN P S
14.	48S_BE_0483	SYNTHESIS AND ANALYSIS OF SUPERHYDROPHOBIC RICE STRAW-FELT FOR OIL ABSORPTION	B.E.	CHEMICAL ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Prof. S.S. INAMDAR	Ms. RUKMINI.S.Y Ms. REKHA N K
15.	48S_MSC_0058	DEVELOPMENT OF A NANJANGUD RASA BALE BANANA-BASED HEALTH BAR	M.Sc	BIOCHEMISTRY	SCHOOL OF SCIENCES, JAIN (DEEMED TO BE UNIVERSITY), BENGALURU	Dr. CHAITANYA PANDIT	Mr. CHANDAN KUMARA K K Ms. HARSHITHA V B
16.	48S_BE_2935	NIFE <sub>2</sub> O <sub>4</sub> -GC <sub>3</sub> N <sub>4</sub> NANOCOMPOSITE AS A PHOTOCATALYST FOR EFFECTIVE DEGRADATION OF ORGANIC POLLUTANTS	B.E.	CHEMICAL ENGINEERING	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. POORNIMA G. HIREMATH Dr. G. NAGARAJU	Ms. SANJANA