

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 45<sup>TH</sup> SERIES STUDENT PROJECT PROGRAMME:2021-22

### MIDTERM EVALUATION

**Date:** 4<sup>th</sup> July 2022 (Monday), 09:00 AM

**Session Link:** <https://meet.google.com/qua-ihjg-vho>

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

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	45S_BE_3693	THREAD BASED BIOSENSOR FOR THE DETECTION OF HYPERURICEMIA.	B.E.	BIOTECHNOLOGY	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SHILPA SIVASHANKAR	Ms. AISWARYA K ANILKUMAR Ms. MANASA K Mr. PUJAN PRAKASH PATIL Mr. SHASHIKALA MALGAN
2.	45S_BE_3795	PRODUCTION OF SIDEROPHORE USING SUITABLE SOIL MICROORGANISMS FOR ITS VARIED AGRICULTURAL APPLICATIONS.	B.E.	BIOTECHNOLOGY	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. THRIVENI.V	Ms. MEDHA M N Mr. ROHITH SRUJAN Mr. SAI CHARAN Ms. PRATHIBHA S B
3.	45S_BE_2168	DEVELOPMENT OF A BIOSENSOR FOR THE EARLY DETECTION OF CERVICAL CANCER	B.E.	BIOTECHNOLOGY	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. SAISHA VINJAMURI	Ms. SRUTHI SS KUMAR Ms. ADITI PRASAD Ms. VAISHNAVI A
4.	45S_BE_4592	DESIGN AND DEVELOPMENT OF CHITOSAN-COLLAGEN SCAFFOLD FROM BIO-WASTE FOR LIVER CANCER CELL LINE(Hep G2) ANALYSIS	B.E.	BIOTECHNOLOGY	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Prof. PRADEEP S	Ms. SWATHI NAYAK N Ms. NAGALAMBIKA G BIRADAR Ms. SHARANYA SUDARSHAN B
5.	45S_BE_1534	CLONING AND EXPRESSION OF LIPASE AS A BIOCATALYST FOR BIODIESEL PRODUCTION	B.E.	BIOTECHNOLOGY	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. BHARATI METI Prof. SHILPA JIGAJINNI	Ms. SHREYA SATYANARAYAN BHAT Ms. SPOORTHI R KULKARNI
6.	45S_BE_2817	DEVELOPMENT OF ADULT DIAPERS AND BANDAGES USING NATURAL FIBRES	B.E.	BIOTECHNOLOGY	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Dr. MANJUNATH N S	Mr. RAGHAVENDRA R B Mr. NUTHAN A M Mr. BASAVARAJ RAJENDRA PATIL Mr. OJAS M BHARGAV Mr. DARSHAN S TOTAD

7.	45S_BE_4577	DESIGN AND DEVELOPMENT OF EFFICIENT ROTATORY DRUM COMPOST-TECHNOLOGY WITH EARLY ONSET OF THERMOPHILIC PHASE USING COLLEGE HOSTEL KITCHEN WASTE	B.E.	BIOTECHNOLOGY	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Dr. VEENA KUMARA ADI	Ms. JYOTHSNA B Ms. GOWRISHREE UMESH M Ms. ARPITHA B N Ms. SINCHANA V
8.	45S_MSc_089	PROXIMATE ASSESSMENT OF DIFFERENT PROCESSING PHASES OF MINOR MILLETS	M.Sc	FOOD TECHNOLOGY	DAVANAGERE UNIVERSITY, DAVANAGERE	Mr. SADASHIV S O Mr. PARAMESHA M	Mr. SATHYADHAR M. Mr. TEJKUMAR B. S. Mr. SAKETH N. S. Mr. BHARATH K. B.
9.	45S_BE_0982	STUDYING THE CRITICAL ASSOCIATION OF OMICRON SPIKE PROTEIN WITH HUMAN ACE2 PROTEIN: APPROACH TO DEVELOP QUINOLINE DERIVATIVES AND NOVEL PEPTIDES AS ANTIMICROBIAL AGENT	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. N RAJESWARI Dr. HEMAKUMAR C	Ms. SPOORTHI N Ms. MITALI V SHETTY Ms. V SHRISTI SHARMA
10.	45S_BE_3263	CULTIVATION OF HYGROPHILA AURICULATA AND CONDUCTING IN-VIVO STUDIES OF RHEUMATOID ARTHRITIS USING CIA RAT MODEL	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SHASHANK TIDKE Dr. N. RAJESWARI	Ms. NAYANA CHANASSERY Ms. AISHWARYA P.R. Ms. MEDHA A.M.
11.	45S_BE_4004	NOVEL BIOCOMPOSITE FILM MADE OF COLLAGEN EXTRACTED FROM TILAPIA FISH SKIN, TO TREAT OPEN WOUNDS IN ELDERLY	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. BLESSY BABY MATHEW Dr. ANANTHARAJU K. S.	Ms. SUPRITHA M Ms. HANISHA A Ms. M JAHNAVI CHOWDHARY Ms. R U SAKTHI
12.	45S_BE_1388	NANOMATERIAL IMMOBILIZED ENZYME FOR BIODIESEL PRODUCTION USING COST EFFECTIVE FEEDSTOCK	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Prof. MANASA V ANAND Prof. BHANU REVATHI K	Ms. KAVYARATHNA Ms. NAVYA SURESH P Ms. RAKSHITHA S
13.	45S_MSc_110	DEVELOPMENT OF NOVEL PERVAPORATION MEMBRANES FOR THE SEPARATION OF BIOBUTANOL: "TO BE A VIABLE NEXT GENERATION BIOFUEL"	M.Sc	BIOCHEMISTRY	DAYANANDA SAGAR UNIVERSITY, BENGALURU	Dr. SANTOSH CHOUDHARI	Ms. MANASA A Ms. YUKTI H S
14.	45S_BE_0932	DEVISING OF ORGANIC ECO-FRIENDLY COMPOST FERTILIZER FOR VALUE ADDED CROPS	B.E.	BIOTECHNOLOGY	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. GURUMURTHY H	Ms. TASBIANJUM A PATVEGAR Ms. MUJASSIM G Ms. SUMA M A Mr. VIJAY K S
15.	45S_BE_0966	EXTRACTION AND EVALUATION OF BIOCONTROL AGENT FOR PLANT BIOTIC STRESS	B.E.	BIOTECHNOLOGY	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. PRAKASH K K Dr. PAVAN K J	Ms. SAHANA C N Mr. SANDESH T K Ms. SINCHANA H S Ms. SNEHA P CHIKKAMATH
16.	45S_BE_1376	HYDROPONICS PLANT CULTIVATION USING ORGANIC NUTRIENTS FROM BIO WASTE	B.E.	BIOTECHNOLOGY	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. PAVAN K J Ms. KEERTHI S	Ms. BHAVANA S ONKARI Mr. HONNU P M Ms. POOJA M AGADI Mr. SIDDARTHA GOUDA POLICEGOUAR

17.	45S_MSc_020	DEVELOPMENT OF STARCH-BASED BIOPLASTICS FROM AGRO WASTES INCORPORATED WITH ESSENTIAL OILS EXTRACTED FROM FLOWER WASTES GENERATED FROM TEMPLES	M.Sc	BIOCHEMISTRY	J.S.S. COLLEGE OF ARTS COMMERCE AND SCIENCE, MYSURU	Dr. CHETHAN KUMAR M Dr. LATHA B V	Ms. TANUJA R Ms. MEGHANA U P Mr. PRADEEP K Mr. SHIVAPRASAD H N
18.	45S_BE_4678	IMPROVEMENT OF RENEWABLE BIOGAS PRODUCTION BY USE OF SOLAR ENERGY AND ADDITIVES	B.E.	CHEMICAL ENGINEERING	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. GAUTHAM JEPPU Prof. ARUNACHALA U	Mr. AKSHAY SHETTY Mr. ABIRAM SRIVASTAVA Mr. ABDULLAH KHAN
19.	45S_MSc_087	THE DEVELOPMENT OF NUTRACEUTICALS ENRICHED FOOD PRODUCT BY USING PROCESSED TECHNOLOGIES OF PROSO MILLET FOR BETTER COVID-19 PATIENTS.	M.Sc	FOOD AND NUTRITION	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Ms. RANI S BYADAGI	Ms. APEKSHA MISHRA Ms. MANASA MITHRA H Ms. MATAM BHARATHEESH Ms. PRAMITA NAYAK
20.	45S_MSc_066	NATURAL ANTIOXIDANTS USED TO REDUCE RANCIDITY IN OILS	M.Sc	FOOD TECHNOLOGY AND QUALITY MANAGEMENT	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. M. S. SARADHA DEVI Mrs. SUBBALAKSHMI. G	Ms. SAMYUKTHA B Ms. R. NAMITHA Ms. R. HARSHITHA
21.	45S_MSc_052	DEVELOPMENT OF A MULTILAYER PACKAGING MATERIAL USING JACKFRUIT WASTE	M.Sc	M.Voc FOOD TECHNOLOGY AND QUALITY MANAGEMENT	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. UMALATHA Ms. ALICE PREETHI	Ms. SUCHITHA K P Mr. ANSIF. V Ms. MEGHANA.N Ms. POOMA DEVI
22.	45S_MSc_115	SYNTHESIS OF DOCOSAHEXONIC ACID (DHA)- AN IMPORTANT OMEGA-3 PUFA IN SCHIZOCHYTRIUM LIMACIUM: BY UTILIZING CRUDE GLYCEROL FROM BIODISEL PROCESS	M.Sc	BIOTECHNOLOGY	RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU	Dr. JAYASHREE D R Dr. SAVITHA	Ms. TEJASWINI B Ms. SIREEN FATHIMA Mr. MOHAMMED SIRAJ
23.	45S_MSc_103	BIO-PROTECTANT EFFICACY OF NOVEL ANTIBIOTICS PRODUCED BY AZOTOBACTER SPECIES FOR THE MANAGEMENT OF MYCOTOXIN CONTAMINATION OCCURRING IN CEREALS	M.Sc	FOOD SCIENCE AND TECHNOLOGY	RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. CHENNAPPA GURIKAR Dr. NANJE GOWDA	Mr. SHARATH BIDDAPPA B D Ms. AMEENA TARANA Ms. KAREENA SAMEER KHAN Ms. BHAVISHYA A D