

**Karnataka State Council for Science and Technology**

Indian Institute of Science campus, Bengaluru

**44th Student Project Programme**

**Online Evaluation**

**Date: 3rd August 2021**

**Time:9.30 am**

**BIOCHEMISTRY - 7**

Sl. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS
1	44S_MSC_023	ENHANCEMENT OF BIOFUEL GENERATION BY APPLICATION OF CELLULASES ON WASTE PLANT MATERIAL	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. SUMAR T K	Mr. S. VISHAL Ms. PRACHI PAWAR
2	44S_MSC_005	REMOVAL OF HEAVY METAL CONTAMINANTS FROM INDUSTRIAL EFFLUENTS BY PHYTATES FROM AGRO WASTES	J.S.S. COLLEGE OF ARTS, COMMERCE AND SCIENCE, MYSURU	Dr. LATHA B V	Ms. BHAVANA B Ms. SRIVIDYA A C
3	44S_MSC_001	BIOLOGICAL SYNTHESIS OF BACTEOMYCIN CONJUGATED SILVER NANOPARTICLE FROM CLOVE EXTRACT AND THEIR ANTIBACTERIAL EFFECT AGAINST XANTHOMONAS CAMPESTRIS	KUVEMPU UNIVERSITY, SHIVAMOGGA	Dr. A N RAJESHWARA Dr. RAGHAVENDRA S N	Ms. SAHANA G S Ms. KAVYA R
4	44S_MSC_050	SAPONINS AS NATURAL SANITIZER/DISINFECTANT AND ITS AUTOMISED APPLICATION IN EDUCATIONAL ARENAS FOR COVID MANAGEMENT	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. M. VIDYA	Ms. TANISHA RATHORE Ms. SANJANA C SHEKAR
5	44S_MSC_051	GENERATION OF GREEN ELECTRICITY FROM NANOPARTICLE MEDIATED MICROBIAL FUEL CELL	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. R.PRASHANTHI Dr. AMARNATH SATHEESH	Ms. MAREPALLI DIVYA Ms. PUNYASHREE RAJ Ms. PADMASHREE H P
6	44S_MSC_053	IMPLEMENTATION OF TASAR SILKWORM PUPAE (ANTHERAEA MYLITTA DRURY) AS AN ALTERNATIVE NEW SOURCE OF DIETARY PROTEIN FOR ANIMAL FEED	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Mrs. RAMYA KUMARI B S Dr. GEETIKA PANT	Ms. VIDYA.V.R. Ms. SANGITA DAS
7	44S_MSC_076	IDENTIFICATION OF ANTIOXIDANT, ANTICOAGULANT, ANTIPLATELET AND THROMBOLYTIC AGENTS FROM EDIBLE SEEDS TO TREAT COVID-19 INDUCED COAGULOPATHIES	TUMKUR UNIVERSITY, TUMAKURU	Dr. DEVARAJ S	Mr. YASHWANTH C G Mr. SANTHOSH M P Mr. CHANDAN C K Mr. MANIKANTA B

**BIOTECHNOLOGY - 8**

8	44S_MSC_031	EFFECT OF ULTRA SONICATION IN LIPID EXTRACTION AND BIODIESEL PRODUCTION FROM GROUNDNUT SHELL AND ARECANUT HUSK	CHRIST (DEEMED TO BE UNIVERSITY), BENGALURU	Dr. ERUMALLA VENKATANAGARAJU	Mr. HARIPRASATH R Ms. AKSHATHA D P
9	44S_MSC_058	SYNTHESIS AND CHARACTERIZATION OF NANOCELLULOSE DERIVED FROM AGAVE PLANT FOR BIO-BASED PACKAGING MATERIAL	GARDEN CITY UNIVERSITY, BENGALURU	Dr. L.A. RAMA CHANDRA PRASAD Dr. VANITA KRISHNA SUBBAIAH	Ms. MANASA REDDY JEERI Mr. ASHWIN V Ms. AMRITA MISHRA

10	44S_MSC_068	PORTABLE CO-PYROLYSIS MACHINE: CONVERSION OF PERSONAL PROTECTIVE EQUIPMENT (PPE) TO LIQUID FUEL	GARDEN CITY UNIVERSITY, BENGALURU	Dr. VANITHA KRISHNA SUBBAIAH Dr. RAMA CHANDRA PRASAD L. A	Ms. DARCIA SAVINA ANGELA D'MELLO Ms. MARIA JOBE CHERUVATHUR Ms. PRAMITA BHATTACHARYYA Mr. SUDIPTO MAITY
11	44S_MSC_021	NOVEL PAPER BASED OIL CARDS FOR EFFICIENTLY SCREENING THE PRECURSORS OF BIOFUELS FROM DIFFERENT RESOURCES	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Prof. SUDHAKAR MALLA Ms. PRAJANYA G.P	Ms. SADIYA ZAKI Mr. PRANAY RAJA BHAD Ms. MEENERI BOBDE Ms. SATAYU DEVI
12	44S_MSC_044	"BIODEGRADATION AND MANAGEMENT OF ORGANIC SOLID WASTE BY PRODUCING THE VERMICOMPOST(BIO-FERTILIZER) IN THE KRISTU JAYANTI COLLEGE CAMPUS"	KRISTU JAYANTI COLLEGE (AUTONOMOUS), BENGALURU	Dr. HANUMANTAPPA B NAYAKA	Ms. RADHA H Ms. VAISHNAVI M
13	44S_MSC_070	EXPRESSION PATTERN OF DEFENSINS IN BIOBASED TREATED TOMATO PLANTS INFECTED WITH TOMATO MOSAIC VIRUS	MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN, BENGALURU	Dr. M GOWRI NEELIMA Dr. JOLITHA A B	Ms. CHAITRA R Ms. BINDU S Ms. NEETHA V Ms. MEGHANA K
14	44S_BE_3345	IDENTIFICATION AND ANTIMICROBIAL ACTIVITY OF ENDOPHYTIC BACTERIA ISOLATED FROM CUMINUM CYMINUM	P.E.S. UNIVERSITY, RING ROAD CAMPUS,BENGALURU	Dr. SASMITA SABAT	Mr. KESHAV SHERIKAR Mr. S. SIDDHARTH Ms. VAISHALI. S
15	44S_MSC_042	NOVEL APPROACH IN TERTIARY WATER TREATMENT BY USING PELLETS OF EXOPLYSACCHARIDES FOR REMOVAL OF ENDOCRINE DISRUPTOR AND SIMILAR TOXIC COMPOUNDS IN WASTE WATER	SRI DHARMASTHALA MANJUNATHESHWARA POSTGRADUATE CENTRE,UJIRE	Mrs. PRARTHANAJ	Ms. GIRIJA A YALAGI Ms. VIJAYALAXMI J GOVI Ms. GEETA Ms. ASHWINI H S
<b>BIOTECHNOLOGY AND PHYSIOTHERAPY - 1</b>					
16	44S_MSC_080	SMART SOCKS FOR THE CONTROL OF BLOOD PRESSURE	GARDEN CITY UNIVERSITY, BENGALURU	Dr. PINKY DUTTA Dr. SUBHANJAN DAS	Ms. M SWAPNAPRIYA YADAV Ms. ANJALI CHINCHOLKAR Mr. KRISHNAPREETHA R
<b>BOTANY - 2</b>					
17	44S_MSC_024	IDENTIFICATION AND IN-SILICO ANALYSIS OF STRESS RESPONSIVE PROTEINS IN TOMATO UNDER ABIOTIC STRESS	DAVANGERE UNIVERSITY, DAVANAGERE	Dr. M THIPPESWAMY Dr. HALESHE C	Ms. MANDARA S BENDIGERI Ms. RADHA B C Ms. SABIHA D
18	44S_MSC_027	RAPID AND DISTINCTIVE APPROACH OF BIOFABRICATION OF BARIUM MAGNESIUM ALUMINATE (BAMGAL10O17) NANOPARTICLES FROM FUSARIUM OXYSPORUM BY OPTIMIZING PHYSIOCULTURAL CONDITIONS AND ITS POTENTIAL APPLICATION IN PHOTOCATALYSIS OF INDUSTRIAL EFFLUENTS.	DAVANGERE UNIVERSITY, DAVANAGERE	Dr. MANASA. D.J Dr. GOVINDAPPA.M	Mr. VENKATESH JUGAL Ms. HEMALATHA S Ms. DEEPA K S Ms. MANAJULA. C. M

<b>CHEMICAL ENGINEERING - 2</b>					
19	44S_BE_3060	IMPROVEMENT OF SUSTAINABLE BIOGAS ENERGY PRODUCTION BY USE OF ADDITIVES, CO-DIGESTION AND DILUTION	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. GAUTHAM JEPPU Dr. P VAIRAVEL	Mr. ANISH JANARDHANAN Mr. MOHAMMED SHAKEIB
20	44S_MTECH_048	MODULAR DESIGN WATER FILTRATION SYSTEM	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. GAUTHAM JEPPU Dr. BALAKRISHNA PRABHU	Mr. SHARON KANDIDA PEREIRA
<b>CHEMISTRY - 4</b>					
21	44S_MSC_007	GREEN SYNTHESIS AND CHARACTERIZATION OF LEAD-FREE PEROVSKITES FOR SOLAR CELLS	RANI CHANNAMMA UNIVERSITY, BELAGAAVI	Dr. VIDYASAGAR C. C	Ms. PRAVEENI APPASAB BABBANNAVAR Mr. PRAVIN SANJU KAMBLE Ms. AISHWARYA RAJENDRA MALUMALLAGOL Ms. AKSHATA BAHUBALI RAMANNAVAR
22	44S_MSC_069	RECYCLING OF CATHODE MATERIALS FROM SPENT LITHIUM-ION BATTERY	RANI CHANNAMMA UNIVERSITY, BELAGAAVI	Prof. J. MANJANNA	Ms. VIJAYAIXMI M BALIKAI Ms. SUNITA L TELI Mr. CHANDRAKANT M SATTIGERI Ms. SUDHA A KENCHANNAVAR
23	44S_MSC_046	"BIODEGRADABLE MULCHING SHEET FOR SUSTAINABLE AGRICULTURE"	St. PHILOMENA'S COLLEGE (AUTONOMOUS), MYSURU	Dr. ASHA M S Dr. SANGAMESHA M A	Mr. NIKHIL KUMAR R Mr. YASHAWANTH M N
24	44S_MSC_043	DEVELOPMENT OF RAPID AND COST EFFECTIVE PAPER STRIP METHOD FOR THE QUANTIFICATION OF ALCOHOL IN SANITIZERS AND DISINFECTANTS	UNIVERSITY COLLEGE OF SCIENCE, TUMAKURU	Dr. NARENDRA N.	Ms. PREETHI S PRAKASH Ms. LAVANYA M K Ms. RENUKA C. J. Mr. SHIVANAND S H
<b>FOOD PROCESSING AND NUTRACEUTICALS - 1</b>					
25	44S_MSC_071	EXTRACTION OF PROTIEN FROM DESLIKED PUPAE FOR HUMAN CONSUMPTION	PADMASHREE INSTITUTE OF MANAGEMENT AAND SCIENCES, BENGALURU	Dr. ANURADHA Dr. UMALATHA	Mr. MADAN M SHARMA Mr. KIRAN MANDLIK Mr. AKSHAY NANGERE Ms. VARSHINI A R
<b>FOOD SCIENCE - 1</b>					
26	44S_MSC_015	OPTIMIZING THE PROCESS PARAMETERS FOR THE FOOD PACKAGING MATERIAL DERIVED FROM FRESHWATER FISH (CYCLOID) SCALES	PADMASHREE INSTITUTE OF MANAGEMENT AAND SCIENCES, BENGALURU	Mrs. SEBA T JISO THOMAS Dr. SARADHA DEVI M S	Mr. PORMESWAR NARZARY Mr. PHUNGJA MUSHAHARY Ms. NIVEA KACHARI Ms. SHABEENA THASNEEM
<b>FOOD SCIENCE AND TECHNOLOGY - 2</b>					
27	44S_MSC_077	A NOVEL IMMUNE BOOSTING SYNBIOTIC FORMULATION FOR THE EFFECTIVE MANAGEMENT OF COVID-19	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. DAVID H E Dr. CHENNAPPA G	Mr. AGASI S ASHOK Ms. VANDANA H B Mr. PRADEEP R Mr. KRISHNAPRASAD H
28	44S_MSC_040	DEVELOPMENT OF ADVANCED MICROBIAL FUEL CELLS FOR DOMESTIC WASTE MANAGEMENT AND FOR ELECTRICITY GENERATION	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. CHENNAPPA GURIKAR Dr. NANJE GOWDA, N A	Ms. NETRAVATI B PALLED Ms. VANDANA H B Ms. CHAITRA KUMARI B P