

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

## 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

### List of Student Project Proposals Approved for Sponsorship

#### 92. MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
646.	45S_BE_1572	FABRICATION AND TESTING OF COMPOSITE FROM SUGARCANE BAGASSE AND LDPE FOR SIRI CULTURE	B.E.	AERONAUTICAL ENGINEERING	Mr. VISHWARETHA K R	Ms. APEKSHA BASAVARAJ HALAGATTI Ms. NAMRATHA G M Mr. SHARATH Mr. SHIVKUMAR M J	8,000.00
647.	45S_BE_2185	CONCEPTUAL BLADELESS WINDMILL	B.E.	AERONAUTICAL ENGINEERING	Mr. SUJESH KUMAR	Ms. APOORVA B.R Mr. RAHUL UPADYA R Mr. SUHAS H M	10,000.00
648.	45S_BE_2887	AIRBORNE HYBRID POWER GENERATION FOR ELECTRIC VEHICLE CHARGING	B.E.	AERONAUTICAL ENGINEERING	Ms. AJITH KUMAR Ms. VISHWARETHA K R	Mr. ROLAND FERNANDES Mr. SHIVA PRASAD K A Mr. PRAMOD NARAGUND Mr. AHMED RIZA AHNAF	10,000.00
649.	45S_BE_0373	UTILIZATION OF NATURAL FIBRE IN THE PRODUCTION OF SELF COMPACTING CONCRETE WITH ADDITION OF KEM SUPLAST PCL 110	B.E.	CIVIL ENGINEERING	Ms. SWAPNA S A Ms. PRATHIKSHA G	Mr. RAKSHAN R HEGDE Mr. ANUDEEP	4,500.00
650.	45S_BE_0402	DEVELOPMENT OF SUSTAINABLE CONCRETE BY USING LIMESTONE FINES	B.E.	CIVIL ENGINEERING	Mr. SAGAR S	Ms. DISHA Mr. KESHAV KATTI Mr. AKSHAY KUMAR Mr. AJAT KUMAR	4,500.00
651.	45S_BE_0426	STRCTURAL DAMAGE DETECTION USING IoT	B.E.	CIVIL ENGINEERING	Mr. AKSHAYA KRISHNA N Mrs. RISHMA MARY GEORGE	Mr. SAMBHRAM Ms. SAHANA SHETTY Ms. SUKANYA Mr. KRISHANG SHETTY	7,000.00
652.	45S_BE_0669	PREDICTING CANCER AND HEART DISEASE AT EARLY STAGES USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. PRADEEP B S	Mr. ARJUN C Ms. ANUSHA Ms. MEGHANA B KAMATH Ms. NIREEKSHA S AMIN	4,000.00
653.	45S_BE_2227	SMART SAFETY DEVICE FOR SEWAGE WORKERS	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mrs. JEEVITHA SAMPATH	Mr. MANISH R THINGALAYA Mr. ANOOP UV BHAT Mr. NAVEENKUMAR S R Mr. NIKHIL	4,000.00

654.	45S_BE_0504	PERFORMANCE ENHANCEMENT OF PV SYSTEMS USING ADAPTIVE REFERENCE PI CONTROLLER.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. DEEPTHI SHETTY	Ms. RAO SHREYA SUBBA Mr. KISHAN Mr. ROHAN K U Ms. VINDHYA	4,000.00
655.	45S_BE_0556	SPECIES CLASSIFICATION FOR FOREST SURVEY AND MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. DEEKSHA BEKAL GANGADHAR	Ms. TEJASWINI C A Ms. MEGHA V KULKARNI Mr. YASHVITH BALLAL R B Mr. JITHESH K	5,000.00
656.	45S_BE_0568	STETHOSCOPE SYSTEM FOR HEART DISEASE PREDICTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. VISHWANATH M SHERVEGAR	Ms. SHRADDHA J HEGDE Mr. LATHEESH SHETTY Mr. VIKESH K G	7,000.00
657.	45S_BE_1566	VISUAL CRYPTOGRAPHY FOR BIOMETRIC PRIVACY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. GANESH V N	Ms. SUPRABHA Mr. M B SACHIN Mr. SHRAVAN KUMAR Mr. SOORAJ SHETTY	3,000.00
658.	45S_BE_1742	EDUFLICK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. RAJESH N KAMATH	Mr. NISHANT S ALVA Ms. NIDHI N HEGDE Ms. RAJATHA JAIN Ms. ASHWITHA N SUVARNA	6,000.00
659.	45S_BE_2485	MILK DAIRY AUTOMATION	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. JOSEPH MICHAEL JERARD V	Mr. NISHCHIT Ms. NISCHITHA E Ms. NITHYA JAIN Mr. PRATHVIRAJ	5,000.00
660.	45S_BE_0888	IoT BASED SUSTAINABLE GROUNDWATER QUALITY SYSTEM FOR GREEN INDIA	B.E.	INTERDISCIPLINARY - CIVIL AND ECE	Dr. SRI KRISHNA SHASTRI C Dr. JAYAPRAKASH M C	Mr. KARKERA PRAJWAL Mr. CHIDANAND MT Ms. RHITHIKA SREENIVAS Ms. VAISHNAVI G	6,500.00
661.	45S_MBA_037	A STUDY ON OPPORTUNITIES AND CHALLENGES TO AVAIL DIGITAL GOVERNMENT SERVICES FOR RURAL PEOPLE IN THE AFTERMATH OF COVID19	M.B.A	MASTER OF BUSINESS ADMINISTRATION	Mr. VARUN K	Ms. KAVYASHREE Ms. H POOJA Mr. ABHISHEK NAYAK Ms. VAISHNAVI N J	5,000.00
662.	45S_BE_1311	DEVELOPMENT OF WILD ANIMAL WARD OFF SYSTEM: CROP PROTECTOR	B.E.	MECHANICAL ENGINEERING	Mr. SHIVARAMU H T	Mr. LOYAL AARON NORONHA Mr. MOHAMMED YASEEN Mr. MAHAMMED JAVID Mr. RITHVIK S SHETTY	7,000.00
663.	45S_BE_1401	LOW COST CORN COB WATER PURIFIER IN RURAL AREAS	B.E.	MECHANICAL ENGINEERING	Mr. SANTHOSH ACHARYA	Mr. SIDHARTH SEKHAR Mr. ATHERHUSSAIN ISMAIL UPPARKAR Mr. HRISHIKESH RAJ SHAMIL G.V	6,000.00
664.	45S_BE_1667	DESIGN AND FABRICATION OF AIR PURIFIER USING HIGH EFFICIENCY PARTICULATE AIR(HEPA)	B.E.	MECHANICAL ENGINEERING	Dr. NEELAKANTHA V LONDE	Mr. PAVAN KUMAR J Mr. ABHISHEK S PATIL Ms. SRINIDHI N	6,000.00
665.	45S_BE_1761	FABRICATION OF SEMI-AUTOMATIC WATER CLEANING SYSTEM FOR RIVERS AND LAKES	B.E.	MECHANICAL ENGINEERING	Mr. VIKRANTH KANNANTH M S	Mr. VIKIT HEGDE Mr. RAZAAN KUKKADI Mr. S. MOHITH Mr. SHAZEEB SHAFI	8,000.00

666.	45S_BE_1834	CONVERTING SCRAP VEHICLE TO AN LOW COST ECO FRIENDLY 2 WHEELER USING UNIVERSAL CONVERSION KIT	B.E.	MECHANICAL ENGINEERING	Mr. SWAROOP	Mr. GAGAN GUNAKAR Mr. GIRISH Mr. HASHEEL ISMAIL ABDUL RAHIMAN MEGHA B H	8,000.00
667.	45S_BE_2038	DESIGN AND DEVELOPMENT OF PORTABLE/COLLAPSIBLE STRUCTURE FOR INDOOR HYDROPONIC FARMING.	B.E.	MECHANICAL ENGINEERING	Mr. AVEEN K P	Mr. KARTHIK PRABHU Mr. MOHAMMED ADNAN Mr. MOHAMMED SALMAN FAKKI Mr. MOHAMMED RAIYAN KHAN	7,000.00
668.	45S_BE_2891	PRODUCTION OF HYBRID COMPOSITE USING WASTE GLASS PARTICLES TO ANALYSE ITS MECHANICAL CHARACTERISTICS AND FREQUENCY RESPONSE	B.E.	MECHATRONICS	Mr. CHENNAKESHAVA.R	Mr. PUNEETH MORE Mr. PRAMOD V MOOLYA Mr. ALAN JOEL FERNANDES Mr. KARTHIK SHETTY	7,000.00
669.	45S_BE_3011	HYDROXY GAS ASSISTANCE FOR INTERNAL COMBUSTION ENGINE	B.E.	MECHATRONICS	Mr. SHRAVANA KARANTH	Mr. GHANASHYAM BAILUR Mr. YASH S JOGI Mr. LIKITH M J Mr. NIHAL	8,000.00

**Note:**

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at [spp@kscst.org.in](mailto:spp@kscst.org.in).