

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: [spp@kscst.iisc.ernet.in](mailto:spp@kscst.iisc.ernet.in) || Phone: 080-23341652, 23348840/48/49

## 44<sup>th</sup> Series of Student Project Programme: 2020-21

### List of Student Project Proposals Approved for Sponsorship

#### 1. A.C.S. COLLEGE OF ENGINEERING, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
1.	44S_BE_1382	FACE MASK DETECTION SYSTEM FOR THE ERA OF COVID-19 USING MACHINE LEARNING TECHNIQUES	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. POONAM KUMARI	Ms. BHAVANA G Ms. CHAITANYASHREE Ms. KEERTHI L N	2500.00
2.	44S_BE_1385	IOT BASED UNIT FOR COPD TREATMENT	BIOMEDICAL ENGINEERING	B.E.	Dr. ANITHA S	Ms. RASHMI S Ms. POOJA D	5500.00
3.	44S_BE_1386	PILLBOT: A NON CONTACT MEDICINE DISPENSING ROBOT FOR PATIENTS IN QUARANTINE	BIOMEDICAL ENGINEERING	B.E.	Prof. NANDITHA KRISHNA	Ms. SHEETAL RAMESH Ms. R NAVYA SREE Ms. RAJESHWARI SAJITH Mr. S KOSAL RAMJI	5000.00
4.	44S_BE_3064	PAIN RELIEF DEVICE FOR THE TREATMENT OF MIGRAINE	BIOMEDICAL ENGINEERING	B.E.	Prof. HEMANTH KUMAR G	Ms. SHREYA CHAKRAVARTHY Ms. M VAGDEVI Ms. SHREE GOWRI M H Ms. SPOORTHY N K	5000.00
5.	44S_BE_3066	FABRICATION OF SHEET METAL CUTTING MACHINE AND FOOT STEP POWER GENERATION	MECHANICAL ENGINEERING	B.E.	Prof. SUNIL RAJ B A	Mr. LOHITH M C Mr. NITISH G Mr. VINOD KUMAR K Mr. ANIL KUMAR	7000.00
6.	44S_BE_4243	INTEGRATION OF BIODEGRADABLE COMPOSITES IN AIRCRAFT STRUCTURES	AERONAUTICAL ENGINEERING	B.E.	Dr. G RAMANAN Mr. INAMUL HASAN M	Ms. AKSHATHA R D Mr. B A SUHAS Mr. PRUTHVI D K Ms. ANANYA U MANVI	6000.00
7.	44S_MTECH_061	WASTE TO WEALTH: INNOVATIVE ENGINEERING SOLUTION TO CONVERT SILT OF BELLANDUR AND VARTHUR LAKE TO VALUE ADDED PRODUCT	STRUCTURAL ENGINEERING	M.Tech	Prof. T.V RAMACHANDRA Dr. PRANAB DAS	Mr. RAKESH D R	7000.00

#### Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of above projects will be conducted during May / June 2021 via online mode.
- Participation in the online evaluation process and submission of softcopy of the final project report is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, softcopy (PDF format in a single file) of the report needs to be sent to KSCST without fail.
- Any corrections with respect to the names of the guide and students should be requested at [spp@kscst.iisc.ernet.in](mailto:spp@kscst.iisc.ernet.in).