

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

List of Student Project Proposals Approved for Sponsorship

### 3. A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU

SI. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
10.	44S_BE_0006	SUSTAINABLE AND SAFE RE-USE OF MUNICIPAL SEWAGE SLUDGE FOR PHOSPHOROUS RECOVERY – A STUDY ON MANGALORE MUNICIPAL SEWAGE SLUDGE	CIVIL ENGINEERING	B.E.	Prof. NITESH	Mr. PRAMITH A KRISHNAN Mr. SOURAV S KUMAR Mr. ABHIJITH K MADHU Mr. ABDUR REHMAN SAUHAN	6000.00
11.	44S_BE_0007	GEPOLYMER CONCRETE USING FLYASH AND GGBS	CIVIL ENGINEERING	B.E.	Dr. SANGEETHA D M	Ms. POURNIMA K Mr. ADARSH JAYAN Mr. ABHIJITH E S Ms. RUKSHA JALAGANDAM	5000.00
12.	44S_BE_0024	MECHANICAL POCKET MANURING	MECHANICAL ENGINEERING	B.E.	Dr. VIGNESHA NAYAK	Mr. SHAILESH V AITHAL Mr. RAHUL. P. SUVARNA Mr. VIKAS. P Mr. BHUVANESH. R. MALLYA	5000.00
13.	44S_BE_0026	AUTOMATIC SOLAR POWERED RAILWAY TRACK CRACK DETECTING VEHICLE.	MECHANICAL ENGINEERING	B.E.	DR. SREEJITH B K	Mr. LIKITH S AMIN Mr. JACOB ANTONY Mr. JATIN KUCKIAN Ms. NEHA S JAIN	5000.00
14.	44S_BE_0027	COVID DETECTION USING DEEP LEARNING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. JOHN PRAKESH VEIGAS Mr. RAKESH M R	Ms. FATHIMA K Ms. KATHIJATHUL SANA Mr. SHREYAS M S Mr. YASHASVI S HEGDE	2500.00
15.	44S_BE_0034	PERFORMANCE COMBUSTION AND EMISSION CHARACTERISTICS OF A SINGLE CYLINDER CI ENGINE WITH WCO BIODIESEL AND NANOPARTICLES WITH OXYGEN ENRICHMENT PROCESS	MECHANICAL ENGINEERING	B.E.	Dr. VIGNESHA NAYAK	Mr. MANISH KULAL Mr. PURUSHOTHAMA H SHETTY Mr. WILFRED MARSHAL VARGHESE Mr. TEJESH	6000.00
16.	44S_BE_0037	AUTOMATED DRAIN CLEANING MACHINE	MECHANICAL ENGINEERING	B.E.	Mr. NITHIN SHET	Mr. KARTHIK Mr. RITESH Mr. SANATH KUMAR Mr. KARAN K	7000.00

**Note:**

- Transaction details of sanctioned amount of **Rs. 36500/-** credited by **NEFT on 28 May 2021**.
- The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Submit **softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file)** of project by **20<sup>th</sup> July 2021**, which will be uploaded in **KSCST SPP portal**.
- Synopsis and report must be named with Reference ID provided by KSCST (Eg: **44S\_BE\_0001**).