



# Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru - 560 012

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Mr. H Hemanth Kumar  
Executive secretary

No.7.1.01/SPP/100

17<sup>th</sup> May 2022

The Principal,  
Sri Siddhartha Institute of Technology,  
Tumkur-Kunigal Rd,  
Saraswathipuram,  
Tumakuru – 572 105.

Dear Sir/Madam,

**Sub:** Project approval under the 45<sup>th</sup> series Student Project Programme (SPP)

Greetings from Karnataka State Council for Science and Technology!

I am pleased to inform you that the evaluation committee of SPP has selected the projects (list attached) submitted by your institution for sponsorship under the 45<sup>th</sup> series Student Project Program. We expect some of these sponsored projects to result in the development of prototypes, products, or services.

The sanctioned amount will be transferred by NEFT to the bank account provided by your institution and the transaction details will be shared with your office shortly. The sanction orders for each of these projects will also be sent by email to the designated SPP coordinator (as mentioned in the project proposals) of your institution.

Further, the program schedule for the next phase of evaluation scheduled for June 2022 will be shared with the project guides, students, and the SSP coordinator.

Thanking you and with best regards,

Yours Sincerely,

  
(H. Hemanth Kumar)

Encl.: List of Projects selected from your institute.

# 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

#### 149. SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
1091.	45S_BE_3600	STUDY ON INFLUENCE OF SECONDARY TREATED WASTE WATER ON MECHANICAL PROPERTIES OF CONCRETE	B.E.	CIVIL ENGINEERING	Mr. GURUPRASAD T N	Ms. BRUNDA RAMAMURTHY RATTIHALLI Ms. BHOMIKA G M Mr. KIRAN Mr. KIRANKUMARA C	5,500.00
1092.	45S_BE_3780	AN INVESTIGATION OF CONSTRUCTION AND DEMOLITION WASTE UTILIZATION AS COARSE AGGREGATE IN CONCRETE BRICKS	B.E.	CIVIL ENGINEERING	Ms. USHA S	Ms. BHAVANA K M Mr. DARSHAN GOWDA T R Mr. MANJUNATH SHARMA Mr. PRAJWAL S K	6,500.00
1093.	45S_BE_4108	FABRICATION AND EXPERIMENTAL INVESTIGATIONS OF LOW-COST MULTIPURPOSE DISMOUNTABLE BAMBOO GEODESIC DOME	B.E.	CIVIL ENGINEERING	Ms. ROOPA M	Ms. SRIRAKSHA R DAS Ms. SANJANA M Ms. THUNGASHREE B S Mr. PAVAN H S	8,000.00
1094.	45S_BE_3749	ARTIFICIAL INTELLIGENCE BASED MEDICAL EXPERT FOR DETECTION AND DIAGNOSIS OF COVID-19 SEVERITY USING WHATSAPP CHATBOT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. RENUKALATHA S	Ms. BHAVANA T H Ms. BHAVANA SHIVARAMA Ms. KHURAT UL AAIN LAVANYS SHREE H R	6,000.00
1095.	45S_BE_4029	AUTOMOBILE SURVEILLANCE AND SECURITY ESTABLISHMENT FOR SMART CITIES	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. BHARATH T S Mrs. RENUKALATHA	Mr. JAYANTH TS Mr. CHANDAN RAO CK Mr. NISHANTH N Mr. SHARADHI R	6,000.00
1096.	45S_BE_4706	COVID DETECTION USING BREATHING, COUGH AND SPEECH	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. RENUKALATHA S	Mr. DARSHAN S BHARADWAJ Mr. GAURAV KUMAR	6,000.00
1097.	45S_BE_2093	FACTITIOUS VOCAL TRACT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. S K GIRISH	Ms. NISARGA Y Mr. PRAJWAL V S Mr. NITHISH M S	7,000.00
1098.	45S_BE_4378	DEMENTIA VIRTUAL MEMORY APP	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. K KARUNAKARA	Mr. PRATHISH GM Mr. SANKETH S BAGALAD Mr. SURAJ S SHETSANADI	4,500.00

1099.	45S_BE_3660	TRIBOLOGICAL BEHAVIOUR OF THE AL7075-ALN METAL MATRIX COMPOSITIES	B.E.	MECHANICAL ENGINEERING	Ms. ANNAPOORNA T L Mr. BATLURI THILAK CHANDRA	Mr. DEEPAK R Mr. SUHAS S REVANKAR Mr. BHUTHRAJU Mr. NITHIN R	7,000.00
1100.	45S_BE_4090	DIGITAL EDUCATION USING AUGMENTED REALITY AND VIRTUAL REALITY	B.E.	MECHANICAL ENGINEERING	Mrs. LEELA B N	Mr. SHUBHAM R SOLSI Mr. CHETHAN KUMAR T M Mr. RAKESHA H S Mr. TEJUS S	7,000.00
1101.	45S_BE_3949	TELEMEDICINE TECHNOLOGY FOR HEALTH CARE NEEDS IN RURAL PRIMARY/HEALTH CENTRE/DISTRICT HOSPITAL	B.E.	MEDICAL ELECTRONICS	Dr. RAJU A S Dr. GURUPRASAD S	Ms. SWARNA S Ms. RAMITHA KGD Mr. SUMAN MOHAN S	8,000.00
1102.	45S_MTech_068	DESIGN , FABRICATION AND FINITE ELEMENT ANALYSIS OF BIO-COMPOSITE HELMET USING ARECA NUT HUSK / GLASS FIBER REINFORCED WITH EPOXY	M.Tech	PRODUCT DESIGN AND MANUFACTURING	Dr. BATLURI TILAK CHANDRA Dr. MURALIDHAR N	Ms. DIVYA N S	7,000.00
1103.	45S_BE_2133	HYDROPONICS USING RASPBERRY PI	B.E.	TELECOMMUNICATION ENGINEERING	Prof. JEEVITH S.H	Ms. BHOO MIKA T.S Ms. AYESHA AFREEN Ms. SANIYA KHANUM Ms. CHARITHA .M	6,000.00

**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