

## 107 D. (3) Academia and Industrial Interaction Cell (AIIC)

### a) Student Project Programme (SPP)

#### 46<sup>th</sup> Series: 2022-23

KSCST initiated the 46<sup>th</sup> series of SPP by inviting project proposals from the final year students of B.E., M.Tech, M.Sc., M.Sc./M.Tech (Agri) and M.B.A. from institutions across the State. The proposals were accepted from 10<sup>th</sup> November 2022 to 24<sup>th</sup> February 2023 via Google Forms.

Received 5,956 project proposals from 82 branches of science and engineering from 198 engineering and science institutions across the State. An amount of Rs. 1000/- as processing fee has been received from each of the project proposal. The evaluation of the projects submitted is being carried out with the support of various experts from Indian Institute of Science, National Aerospace Laboratories, CMTI and other subject experts for funding from KSCST.

ಕರ್ನಾಟಕ ರಾಜ್ಯ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಮಂಡಳಿ  
**Karnataka State Council for Science and Technology**  
Indian Institute of Science Campus, Bengaluru - 560 012  
Telephone : 080 - 2334 1652, 2360 0978, Email: spp@kscst.org.in Website: www.kscst.org.in/spp.html or https://kscst.karnataka.gov.in

**STUDENTS PROJECT PROGRAMME**  
(SPP - 46<sup>th</sup> SERIES : 2022 - 2023)

**KSCST invites project proposals from the final year BE, M.Tech., M.Sc., M.Tech / M.Sc., (Agri.) and MBA students for sponsorship under the 46<sup>th</sup> Series of Student Project Programme**

The project proposals can be submitted from 10<sup>th</sup> November 2022 to 10<sup>th</sup> February 2023.

The submitted projects shall mandatorily be from one of the broad themes / areas as below:

1. Non-conventional and / or composite building materials / structures
2. Low-cost modified transport system for village / rural / disabled community
3. Low-cost, eco-friendly potable water filtration
4. Automation or new concepts in agriculture (cultivation, raising crops, irrigation etc.)
5. User friendly devices for aged or physically challenged people
6. Robotics / 3D printing / Cyber security
7. Innovative materials for acoustics and noise Control
8. E-Learning Technologies to villages / panchayat levels
9. Bioenergy / Solar energy application at villages
10. Domestic bio / non-bio waste treatment / recycling
11. Newer techniques in Air Pollution control
12. Newer techniques in treating domestic sewage / industrial effluents
13. Electro-Chemical Devices (Fuel Cell, Capacitor, Batteries, etc.)
14. Technologies relevant in the aftermath of Covid-19.

indicated above. Any other project proposals will not be considered and liable for rejection.

5. The softcopy of the proposal along with the details of payment made (through NEFT transfer / UPI Payment only) for Rs. 1,000/- (Rupees One Thousand only) to be submitted through Google Form only. (Bank details of KSCST is in the project proposal format, available in website).
6. The processing fees paid for the project proposal is non-refundable / non-transferable.
7. The student's team to keep ready the project proposal with approval from Project guide / head of the department and institution, make the payment for processing fees and upload the details in the Google Form. The team leader of the project needs to mandatorily fill the Google Form.  
The link is: <https://forms.gle/pMfzw4iKL7LNAojd8>
8. Submission of the project proposal is through Google Form only and Email: spp@kscst.org.in (All information in one single pdf file). Students / institutions shall not send the hardcopy of the project proposals to KSCST. All proposals to be submitted after approval of project guide and college / institution.
9. The Institution shall designate SPP Co-ordinator to co-ordinate with KSCST.

**How to apply:**

1. Students studying in their final year B.E., M.Tech, M.Sc, M.Tech/M.Sc. (Agriculture) and M.B.A. are eligible to apply.
2. The Project Proposals shall be prepared as per the SPP proposal format available from KSCST website.
3. The team members are advised to carryout literature review and prior-art-search before submitting the project proposal to check the novelty of the project.
4. The project team shall have a maximum of 4 students and each project team shall only send one proposal as per the themes

**Evaluation Process:**

1. The submitted projects will be evaluated by experts and then short-listed for sponsorship. The sponsored-amount for the project will be sent to the Principal of respective institutions by NEFT.
2. The sponsored projects will be evaluated by an expert committee, either offline / online, and then shortlisted for final state-level seminar and exhibition.
3. The finalised projects will be called for exhibition / seminar followed by evaluation for the coveted "Best Project of the Year Award".

**For information on Student Projects Programme (SPP) and for downloading the project proposal format and guidelines, please visit our website: [www.kscst.org.in/spp.html](http://www.kscst.org.in/spp.html) or <https://kscst.karnataka.gov.in>**

**Interested students may send the "softcopy of the project proposal in single pdf file" with due approval of the college to: Email: [spp@kscst.org.in](mailto:spp@kscst.org.in)**  
**The Google Form link is: <https://forms.gle/pMfzw4iKL7LNAojd8>**

**DATES TO REMEMBER**

Last date for filling Google Form and receipt of softcopy of the project proposal as per the SPP format	10 <sup>th</sup> February 2023, 5 PM
Project approval by KSCST	March 2023
Evaluation of Projects at Nodal Centre and selection of projects for Seminar / Exhibition	May - June 2023
Synopsis and Final Project Report submission through Google Form	24 <sup>th</sup> June 2023
Seminar and Exhibition of selected projects	July / August 2023

This program is supported by :  
DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA  
DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF KARNATAKA  
KARNATAKA STATE BIOENERGY DEVELOPMENT BOARD, GOVERNMENT OF KARNATAKA