

STUDENT PROJECT PROGRAMME (SPP - 33rd SERIES)

PROJECT PROPOSALS ARE INVITED FROM FINAL YEAR ENGINEERING STUDENTS

KSCST invites project proposals from the final year engineering students for sponsorship, under 33rd series of Student Project Programme. KSCST has identified the following areas in addition to the regular engineering disciplines.

- Design and Development of Laboratory Equipments
- Water Resource Management and Waste Water Treatment Technologies
- Energy and Management
- Agro and Food Processing
- Health Care and Management
- Biotechnology
- Education - Development of equipments/ experiments / software
- Technologies facilitating rural development and capacity building
- VLSI and Embedded Systems
- Nanotechnology
- Homeland Security
- Other innovative projects

Please send detailed project proposals on or before 15th January 2010. Your proposal should contain all the necessary details as per KSCST format. Project Proposals sent beyond 15th January 2010 will not be considered.

Project proposals will be evaluated by a panel of experts for consideration for sponsorship by KSCST. Further, there will be mid-term evaluation of projects, the sponsored projects will be short-listed for Seminar-cum-Exhibition, where they will be evaluated for prizes and certificates.

For information on Student Project Programme and for downloading the format, please visit **website: www.kscst.org.in/spp.html or www.kscst.iisc.ernet.in/spp.html**

Interested students may kindly send the "hardcopy of the project proposal" through proper channel to:

The Secretary
Karnataka State Council for
Science and Technology (KSCST)
Indian Institute of Science, Bangalore 560012

DATES TO REMEMBER

Last date for receipt of hardcopy of project proposal as per the format	15th January 2010
Project approval by KSCST	15th February 2010
Mid-term Evaluation of Projects	May - June 2010
Final project report submission	June - July 2010
Seminar-cum-Exhibition of selected Projects	July - August 2010

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

INDIAN INSTITUTE OF SCIENCE, BANGALORE - 560012

Telephone: 080 - 23341652, 23348848, 23348849, Telefax: 23348840

Email: spp@kscst.iisc.ernet.in

Website: www.kscst.iisc.ernet.in/spp.html or www.kscst.org.in/spp.html

FORMAT FOR STUDENT PROJECT PROPOSAL

1. Name of College and Place : _____
2. Department : _____
3. Names of students (**Strictly not more than four students in a batch**) : _____
(Please specify Mr. / Ms. with email id and mobile number of the students)
4. Name(s) of guide(s) : _____
(Address, email id and Phone / mobile numbers)
5. Project title (in brief) : _____
6. Date of commencement of the Project : _____
7. Probable date of completion of the project : _____
8. Has a similar project been carried out at your college or in any other college / institution (Check with the list of completed projects available in your college library or with the list available at KSCST library, Bangalore). If "Yes", please give details.
9. If this project is an improved / modified version, please give the title of previous project and the year in which it was carried out. Specify the improvements / modifications clearly.
10. Is similar device / machine (outcome of the project) commercially available? If "Yes", what is the cost per unit? Please give details.
11. Objectives of the project highlighting its importance (not more than half a page): _____
12. Methodology (Not more than 2 – 3 pages : _____
13. Outcome of the project : _____
14. Capacity of the device (If applicable) : _____
15. Power utilisation (If applicable) : _____
16. If the project is a case study / survey project, variables to be studied, criteria for sample selection and size of the sample, etc., should be furnished. A specimen questionnaire should be attached.
17. In case of fabrication of related project, an engineering drawing with dimensions / detailed design calculations (approximately) of the machine / device should be attached to the proposal.
18. Budget (**break-up details should be given**) : _____
 - i. List and cost of materials required should be given : _____
 - ii. List and cost of equipment required should be given : _____
 - iii. Labour charges (details to be furnished with existing rates) : _____
 - iv. Travel cost (details such as number of students / guides & destinations, fare, etc., should be given) : _____
19. Any other details (Please specify) : _____

(Name & Signature of Guide)

(Signature of HOD)

(Signature of the Principal)

Note: *This is only a Format (Not an application form for project sanction).* Please prepare a detailed project proposal incorporating all these details and send it to the Secretary, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore-560012 on or before the last date.

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INDIAN INSTITUTE OF SCIENCE, BANGALORE - 560012

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E-mail: spp@kscst.iisc.ernet.in Website: www.kscst.iisc.ernet.in/spp.html or www.kscst.org.in/spp.html

Guidelines for Project Proposal Submission

1. Students studying in final year engineering branches are eligible to apply.
2. The Project Guides / HODs could evaluate the project proposals and shortlist them before sending the project proposals to KSCST.
3. Students of Electronics and Communication, Electrical and Electronics, Computer Science and Information Science departments can send very good project proposals from each discipline.
4. The project team (batch) can have up to a maximum of **FOUR** students.
5. The team should submit the project proposal in the prescribed format duly signed by their Project Guide / Head of the Department and Principal of the institution.
6. It may be noted that the project proposed should be of original, innovative and novel. They should have utility and applicability for implementation. Evaluation of the project is also based on these factors.
7. Project proposal should be sent as **hard copy** containing the synopsis of the project in the prescribed format (available in website also), and duly signed by their project guide and Principal to reach KSCST at the address given above on or before **15th January 2010**. Project proposals sent beyond this date will not be considered.
8. The Project team should send **ONLY ONE** proposal.
9. The project team should NOT change the topic of the project after the project has been sponsored by KSCST and should not deviate from the objectives of the sanctioned proposal. In the event of any such changes, sponsoring will be treated as cancelled and the college should return the sanctioned amount to KSCST.
10. Project proposals received will be reviewed and evaluated by a team of experts and those selected will be announced in **KSCST website** www.kscst.iisc.ernet.in or www.kscst.org.in.
11. The project sanction letter will be sent to the Principal of the institution with copies to the Project guide and Head of the Department.
12. The amount sponsored will be sent to the Principal of the institution by crossed cheque. The project guide should take necessary steps to utilise this amount for the project work and submit the bills to KSCST through the Principal of their institution.
13. Every sanctioned project will be given a unique Project Proposal Reference Number. Please refer this number while corresponding with KSCST by E-mail: spp@kscst.iisc.ernet.in
14. The selected project teams should be ready with their working models and make a presentation of their work during mid-term evaluation by experts. The mid-term evaluation will be during May – June 2010 and the projects will be short-listed for Seminar-cum-Exhibition, where they will be evaluated for Prizes and Certificates.
15. It is mandatory for the project team (Students and Project Guides) selected for Seminar-cum-Exhibition to participate in the event which will be in one of the engineering colleges in the state. 32nd Series of Seminar-cum-Exhibition was hosted by National Institute of Technology Karnataka, Surathkal, Mangalore.
16. Finally in the Seminar-cum-Exhibition, "**KSCST Best Project Award**" will be presented to **good and outstanding projects** with a cash prize (Students and Project Guides) and certificates to all participants of the Seminar in a special function organized for the occasion.
17. Kindly visit our website www.kscst.iisc.ernet.in/spp.html for more details and other relevant information and further announcements.