

हिन्दुस्तान, पटना - 24.10.2021

Govt.  of Bihar

BIHAR COUNCIL ON SCIENCE & TECHNOLOGY

(GOVERNMENT OF BIHAR, DEPARTMENT OF SCIENCE & TECHNOLOGY)

IGSC-PLANETARIUM, ADALATGANJ, BAILEY ROAD, PATNA - 800 001

Call for projects under Student Project Scheme: 2021-22


Bihar Council on Science & Technology (BCST), Department of Science & Technology, Government of Bihar invites project proposals under Student Project Scheme which will be eligible for a maximum grant of Rs. 10,000 (Ten thousand). The project team (batch) can have a maximum of four final year students of Degree/Diploma in Engineering Colleges and Polytechnics in any discipline. The proposals are to be sent by the institution altogether in coordination with Student Project Programme (SPP) Co-ordinator designated by the institute. The project complete in all respects with one hard and one hard copy in a CD (.pdf) in the prescribed format (which can be downloaded from website www.bcst.org.in) should be submitted in envelop superscribing '**Student Project Scheme: 2021-22**' to **Project Director, Bihar Council on Science & Technology, IGSC-Planetarium, Adalatganj, Bailey Road, Patna - 800 001 latest by 30th November, 2021.** All particulars entered should be same as in the hard copy. Handwritten and individual projects will not be accepted.

Project Director

Bihar Council on Science & Technology

Email: spp.bcst@gmail.com

PR- 007756 (Sci & Tech) 2021-22

नोबल कोरोना के संबंध में विस्तृत जानकारी एवं सहयोग हेतु  Toll Free No.: **104** पर संपर्क कर सकते हैं।



BIHAR COUNCIL ON SCIENCE AND TECHNOLOGY

IGSC-Planetarium, Adalatganj, Bailey Road, Patna - 800 001

STUDENT PROJECT PROGRAMME (SPP) : 2021-2022

Bihar Council on Science & Technology invites project proposals from the final year B.Tech./Diploma students of the Engineering Colleges/Polytechnics which will be eligible for a maximum grant of Rs 10,000 under the Student Project Programme (SPP). The project team (batch) can have a maximum of four students. The project proposal is to be sent by college altogether in coordination with SPP Coordinator designated by the college. Projects submitted individually/handwritten will not be accepted. All information entered in the soft copy should be same as in the hard copy.

ABOUT THE SCHEME:

Bihar Council on Science and Technology implements "Student Project Scheme" to mobilize the talent and potential available with students for the benefit of our state. As part of this programme, students in the final year of UG (Engineering) / Diploma can apply. Financial support up to Rs 10,000/- will be provided to each project. Those who wish to apply for this program are requested to read the instructions carefully and apply only in the prescribed format. **The format and instructions are available on the BCST website www.bcst.org.in.**

The last date for submission of proposals is 30th November, 2021.

The submitted projects may be from any one of the branch as suggested below:

1. Civil Engineering
2. Electrical Engineering
3. Mechanical Engineering
4. Electronics Engineering
5. Electrical and Electronics Engineering
6. Computer Science and Engg.
7. Automobile Engineering
8. Chemical Engineering
9. Information Technology
10. Textile Engineering
11. Ceramics Engineering
12. Printing Technology
13. Agricultural Engineering
14. Rural Engineering

Who can apply: Final year students of B.Tech./Diploma studying in Engineering College/Polytechnic of the state.

How to apply :

1. The Project Proposals shall be prepared as per the SPP proposal format available on BCST website www.bcst.org.in.
2. The team members are advised to carry-out prior-art-search before submitting the project proposal to check the novelty of the project.
3. The project team shall have a maximum of 4 students in their team and each project team shall send only one proposal.
4. The filled proposal must be sent to **"Project Director, Bihar Council on Science and Technology, IGSC-Planetarium, Adalatganj, Bailey Road, Patna-800001"** in a sealed envelope superscribing **"Project Proposal for Student Project Programme (SPP): 2021-22 – branch"** as applicable .
5. A photocopy of duly filled proposal is to be retained before submitting to BCST.
6. After the completion of proposal, the team leader of the project needs to fill the Google Form. The link is as follows:
https://docs.google.com/forms/d/e/1FAIpQLSck_TNlgek90Bh6lLEkR1iKMNqogr3bORDiNDjCf0KcRiJodA/viewform?usp=pp_url
7. The project proposals are to be submitted from the college with necessary attestation.
8. All sanctioned project will get participation certificate and certificate of appreciation will be given to respective Project guide..
9. Top 50 selected project from the seminar and exhibition will get certificate along with cash prize of upto Rs.5,000/- each.

Note : Only typed project proposals to be sent by college altogether in coordination with SPP coordinator designated by the college will be accepted.

BCST will not consider the proposals which fall in the following category.

- Computer simulation based.
- Literature surveys / Data collection based.
- Compilation of Internet downloaded information.
- Repetition of previous SPP Projects.
- Non-scientific projects.
- Case study projects.
- Non-Practical projects.
- Projects based on obsolete ideas.
- Individual proposals.



Evaluation Process :

1. The projects will be selected for sponsorship after the evaluation by experts. In the second phase, the selected projects will be further evaluated and shortlisted at nodal centres for final state level seminar and exhibition.
2. The amount sponsored will be sent to the Principal by cheque/NEFT.
3. The selected projects shall be evaluated at all the stages, failing to which the grants will be withdrawn.

Note : The projects selected for Seminar and Exhibition will be exhibited at one of the Engineering College or Polytechnic in the state, wherein projects will be awarded and also selected for commercialization / prototype development.

DATES TO REMEMBER

Last date for receipt of hardcopy of the project proposal as per the SPP proposal format	30 th November, 2021	Synopsis (Maximum 2 pages) and Final Project Report submission along with softcopy (in .pdf format) in a CD and by Email (spp.bcst@gmail.com)	15 th June, 2022
Project approval by BCST and release of grant	31 st December, 2021		
Evaluation of Projects at Nodal Centre and selection of projects for Seminar / Exhibition	May-June, 2022	Seminar and Exhibition of selected projects	July, 2022

For details, you may contact : SPP Helpdesk : 0612-2508264 | Email: spp.bcst@gmail.com

This programme is supported by : SSTP, Department of Science and Technology, Government of India
and Department of Science & Technology, Government of Bihar

Students must send the "hardcopy of the project proposal" with due approval of the college to:

The Project Director, Bihar Council on Science and Technology

IGSC-Planetarium, Adalatganj, Bailey Road, Patna - 800001

Google Form Link (SPP 2021-2022)

Co-ordinator link (SPP 2021-2022)

https://docs.google.com/forms/d/e/1FAIpQLSdLdAs8nHH5FWiichrUYHQHehEKZ11oFDMC65CqdsPrAJZqkQ/viewform?usp=sf_link

Student Registration link (SPP 2021-2022)

https://docs.google.com/forms/d/e/1FAIpQLSck_TNlgek90Bh6lLEkR1iKMNgugr3bORDiNDjCf0KcRiJodA/viewform?usp=sf_link



भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग

GOVERNMENT OF INDIA
Ministry of Science and Technology
Department of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110016



बिहार सरकार



BIHAR COUNCIL ON SCIENCE AND TECHNOLOGY

FORMAT FOR SUBMISSION OF PROJECT PROPOSAL UNDER STUDENT PROJECT PROGRAMME: 2021-22

(Hand written proposals will not be accepted, please fill all the details in this MS word file as per the following format and mail scan copy of completely filled project proposal along with filled up the Google Forms to spp.bcst@gmail.com)

https://docs.google.com/forms/d/e/1FAIpQLSck_TNlgek90Bh6lLEkR1iKMNqugr3bORDiNDjCf0KcRiJodA/viewform?usp=pp_url

1.	Name of the College:
2.	Project Title :
3.	Branch :
4.	Degree/ Diploma(Engg) :
5.	Name(s) of project guide(s) : 1. Name: Prof. / Dr. / Mr. / Mrs. Email id : Contact No. : 2. Name: Prof. / Dr. / Mr. / Mrs. Email id : Contact No. :
6.	Name of Team Members (Strictly not more than four students in a batch): (Please paste the latest passport size photograph adjacent to your respective names) Name: AKU/SBTE Reg. No.: Email id: Mobile No:

	Name: AKU/SBTE Reg. No.: Email id: Mobile No.: Name: AKU/SBTE Reg. No.: Email id: Mobile No.: Name: AKU/SBTE Reg. No.: Email id: Mobile No.:
7.	Team Leader of the Project : Name: AKU/SBTE Reg. No.: Email id : Mobile No. :
8.	Date of commencement of the Project:
9.	Probable date of completion of the project:
10.	Scope / Objectives of the project(100Words):
11.	Literature Survey (At least two/ Within Five Years) : Patent Survey (Optional):-
12.	Methodology (500 Words) :

	<p>Note: In case of fabrication work in the project, an engineering drawing with dimensions / detailed design should be attached to the proposal.</p>														
13.	<p>Expected Outcome of the project (200Words) :</p>														
14.	<p>Is the project proposed relevant to the Industry or Institution? :</p> <p>Yes / No :</p> <p>If Yes, Please provide details of the Industry / institution and contact details :</p> <p>(Note: Preference will be given to those projects relevant to the industry / institution. Hence be specific in giving detailed information). Is the industry extending support - technology / funds / use the final product, please specify.</p>														
15.	<p>Can the product or process developed in the project be taken up for filing a Patent?</p> <p>Yes / No :</p> <p>Prior Art search done?</p> <p>Yes/No :</p> <p>Note: If Yes, you may contact Patent Information Centre of BCST for more details Email : pd@bcst.org.in</p>														
16.	<p>Budget details (break-up details should be given) :</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Budget</th><th>Amount</th></tr> </thead> <tbody> <tr> <td>a) Materials / Consumables</td><td></td></tr> <tr> <td>b) Labor</td><td></td></tr> <tr> <td>c) Travel</td><td></td></tr> <tr> <td>d) Report</td><td></td></tr> <tr> <td>e) Miscellaneous</td><td></td></tr> <tr> <td>Total</td><td></td></tr> </tbody> </table>	Budget	Amount	a) Materials / Consumables		b) Labor		c) Travel		d) Report		e) Miscellaneous		Total	
Budget	Amount														
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b) Labor															
c) Travel															
d) Report															
e) Miscellaneous															
Total															

17.	Any other technical details (Please specify) :
18.	SPP Coordinator (Identified by the college) : Note: To be identified by the Principal of the institution. The project proposals must be submitted to BCST through SPP coordinator designated by the Principal. Name : Prof. / Dr. / Mr. / Mrs. Email id : Contact No. :

(Name &Signature of Project Guide with Seal)

(Name &Signature of HOD with Seal)

Email id:

Email id:

Contact No.:

Contact No.:

DECLARATION

(From Project Students)

We, the project team hereby declare that the details enclosed in the project proposal are true and correct to the best of our knowledge and belief and we undertake to inform BCST of any changes therein in the project tile, students name will be intimated immediately. In case any of the above information is found to be false or untrue or misleading, we are aware that we may be held liable for it. We hereby authorize sharing of the project information with this project proposal with the Bihar Council on Science and Technology, Patna.

We are aware that the project team has to exhibit / demonstrate their project in the nodal centre and interact regarding project with the experts and to exhibit the project in the State Level Seminar and Exhibition (if selected). If the student team fails to attend the evaluation in nodal centre or fails to attend the State Level Seminar and Exhibition, the supported project amount will be returned back to BCST.

We also hereby, enclose the endorsement form to BCST, Patna.

Name of the students

Signature with date

- 1.
- 2.
- 3.
- 4.

ENDORSEMENT

(From College, endorsement to be taken in the institution / Department Letter head)

This is to certify that 1) Mr. / Ms....., 2) Mr. / Ms.
3) Mr. / Ms., 4) Mr. / Ms....., are bonafide student(s) of Department of, in the degree programme of our institution. If the project proposal submitted by these students under Student Project Programme is selected by BCST, we will provide the requisite laboratory / Computer / infrastructure support in our college / Institution. Further we also take necessary steps to see that the project team will exhibit / demonstrate their project in the nodal centre and in the State Level Seminar and Exhibition (if selected). If the student team fails to send the completed project report or fails to attend the evaluation in nodal centre or fails to attend the State Level Seminar and Exhibition, the supported project amount will be returned back to BCST.

(Name & Signature of
Project Guide with Seal)

(Signature of HOD with Seal)

(Signature of the Principal
with Seal)

Email id:

Email id:

Email id:

Contact No.:

Contact No.:

Contact No.: