

GUIDELINES AND FORMAT
FOR
SUBMISSION OF PROJECT PROPOSALS
ON
STUDENT'S SCIENCE PROJECT

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

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INTRODUCTION

It is well established that Science and Technology (S&T) constitute an important and major factor in development. Considerable investment in terms of money and manpower has been made in various sectors of science and Technology and plan allocation for S&T has risen from a mere Rs. 20 crores (1st plan). to a respectable figure of Rs. 5000 crores (7thplan). A reasonable infrastructure in terms of institutions, laboratories and other facilities has also been created.

Though the country has made remarkable progress in certain fields of S&T, there is considerable gap in expectation and realisation of the Science & Technology capabilities . Further it has been observed that the effort of many S & T groups has not created desired impact because of very diffused nature of the goal to be achieved.

In Assam, there are five Universities, three Medical Colleges, six government Engineering Colleges, a good number of affiliated Colleges, Polytechnics and other technical institutions. A large number of very capable students study and complete their education in various fields of Science & Technology through these institutions. However these groups of potentially capable persons have not been used for specifically taking up S& T projects aimed at development of the state.

As an example, each student of the Engineering Colleges, has to complete at least one project work, and during the last few decades, hundreds of such project works were undertaken and completed. Though some of these projects are very good and of all of them are evaluated from academic (examination) point of view, any method of feed-back, monitoring and evaluation from development oriented angle has not been built into the system. With a certain amount of interaction and input, both the quality and applicability of such project works may perhaps be enhanced.

Considering all these factors, the ASTEC has initiated this scheme (Students' Science Project) for regular students of Science and Technology who are studying in diploma, undergraduate, post graduate (M.Sc.) level in various institutions of the State.

OBJECTIVES

The objectives of the schemes are:-

1. To promote and sustain scientific interest in youth during their creative period of career.
2. To provide opportunities to young scientist for pursuing exciting and innovative research ideas. Projects having relevance to development of the state and /or trying to develop need-based technology will get priority over others;
3. To encourage our youth to study developmental programmes/processes scientifically and suggest/develop S&T based solutions.

An important component of the scheme is Seminar-cum-Exhibition, where students will have to exhibit and explain their project work.

WHO CAN APPLY

Students of Science, Technology and Medicine of various institutions of the State who have to complete at least one project work within their curricula are eligible to apply for financial support under this scheme. Such projects must be evaluated academically as per rules laid down by the University/Board.

IMPORTANT NOTES

1. Selection of the project theme should be done in such a way that the work is completed within the stipulated time allotted under their curriculum.
2. Certain broad fields under which the work may be carried out are given in Annexure. However, the list is not restrictive. Innovative /appropriate technology based project work may also be taken up.
3. The scheme is implemented in close co-operation of the authorities of the Universities, Technical Education Institutions and Science Colleges
4. Project proposals will be received only in the prescribed format, typed or neatly hand written on one side of A-4 size paper.
5. Interested students(S) can submit proposal either in a group or individually. Completed proposal must be routed through the Head of the Institution.
6. After completion of the work, student(s) concerned will have to submit a copy of his/her full project report to the Council. Apart from others, the cover page of this report should contain." Supported by Assam Science and Environment Council, Guwahati".

HOW, WHEN AND WHOM TO APPLY

Two copies of neatly hand written ,preferably typed (on one side of A4 paper) detailed project proposal containing all the information including filled up proformas should reach the ASTE Council at least 45 days before the scheduled commencement/execution of the project.

Detailed project proposal should contain all information as given in section 1 to 6 under heading "Detailed Project Proposal ." Proposal must come through Head of the Institution.

STUDENTS SCIENCE PROJECT SCHEME

DETAILED PROJECT PROPOSAL

1. INTRODUCTION
 - 1.1 Origin of the Proposal
 - 1.2 Problem definition
 - 1.3 Objectives
2. REVIEW OF PRESENT STATUS, AND WORK ALREADY DONE
3. WORK PLAN
 - 3.1 Methodology (should contain all details including the description and drawing of experimental set-up, if any , to carry out the project)
 - 3.2 Time Schedule
 - 3.3 Expected outcome
4. FUTURE SCOPE
5. DETAILED FINANCIAL OUTLAY OF THE PROJECT
(should contain break-up of all estimated expenditures recurring and non recurring giving prices of all individual items)
6. ANY OTHER RELEVANT INFORMATION

PROFORMA- I

TO BE FILLED BY THE STUDENTS

1. Title of the project:

2. Duration (in months) :

3. Name of the applicant:
(in case of group, name of the group leader) :

4. Phone no. and email address of the group leader:

5. Address for correspondence:

6. Class in which he/she is studying :

7. Name(s) of the group members(s) :

8. Name(s) of the special paper or elective subject of the group members :

9. Name of the guide :

10. His/her area of specialization :

11. Financial involvement
 - a. Total : Rs.
 - b. Recurring : Rs.
 - c. Non-recurring : Rs

12. Whether all the instruments required to carry out the project (if any) are available or not in the institution, if not give details.

I hereby declare that all the above statements are correct. I shall abide by the rules and regulations framed by the Council and my institution for executing the project. If any of the above statements are found to be incorrect the Council will have the right to stop the financial support at any stage.

Countersigned by the guide

Signature

PROFORMA- II

TO BE FILLED BY THE GUIDE

1. Name and Address :
2. Title of the project :
3. Name of the group leader :
4. No. of group members :
5. Financial assistance sought :
6. Duration of the project:

I hereby declare that the particulars given in Proforma-II are true to the best of my knowledge. I will submit a copy of the project to the Council within 30 days of examination. The fund provided will be utilized properly.

Countersigned by
Head of the Department

Signature & Designation

PROFORMA- III

TO BE FILLED BY THE HEAD OF THE INSTITUTION ON OFFICIAL LETTERHEAD

1. Name of the project :
2. Guide concerned :
3. Name of the group leader :
4. Financial assistance sought :
5. Opinion about the project:

1. I hereby commit that all the facilities available in my institution will be extended in carrying out the project.
2. The model / prototype / project report / information etc. generated by the project will be kept in safe custody and the Council will be informed before taking any other action for their disposal.
3. Utilization certificate of the fund shall be provided by this office.

Date:

Name & Signature of
Head of the Institution
(Seal)