



# Call for Proposals

## Instructions and Proposal Template

Online portal for details and submissions: <https://stars.iisc.ac.in>

Scheme for Transformational and Advanced Research in Sciences (STARS)  
Ministry of Education  
Indian Institute of Science, Bangalore

January 2023

SCHEME FOR TRANSFORMATIONAL AND ADVANCED RESEARCH IN SCIENCES

### General Instructions

1. Preparation of proposal in offline
  - A proposal template is provided followed by the general instructions section. Detailed instructions are provided in different subsections of the template. Following them, required documents and enclosures can be prepared and later be submitted through the submission portal which will appear under the login of the registered principal investigators.
  - We encourage the applicants to prepare the full proposal in offline before registering online.
  - Priority areas for the call is available in the downloads section (<https://stars.iisc.ac.in>)
  
2. Registration of Principal Investigator
  - We encourage the applicants to register after preparing the full proposal in offline as per the following template.
  - Using the basic details (Name, affiliation, gender, contact details, date of birth), I can register on STARS PIs login portal.
  - A verification link will be sent to the registered email address to set a password and to login to the STARS PI's portal.
  
3. Proposal submission
  - After successful login, the PI can access two lists: 1. Proposal list, 2. CoPI list
  - Under the CoPI list, one can invite CoPIs. This would send an email verification to the CoPI for receiving the CoPI's consent.
  - Under the Proposal list, the PI can initiate new proposals and see the submitted proposals.
  
4. Important dates
  - Refer to important dates section on STARS website for the announcement.
  
5. Kindly contact [support.stars@iisc.ac.in](mailto:support.stars@iisc.ac.in) for any clarification and support

## Proposal Template

Proposal Title:

*[This part to be copy pasted in a given text box]*

Research domain:

*[Any one of the six domains: Biological Sciences, Chemical Sciences, Data Science and Mathematics, Earth Sciences, Nano Sciences, Physical Sciences]*

*[In a pull down menu, one of the six options to be selected]*

Research Team:

*[Add more rows if required; CVs and endorsement letters from all the team members to be uploaded]*

Name	Role (PI/CoPI)	Affiliation	Email & Phone	CV (Max 5 pages per CV)	Endorsement letter from head of organization <i>[Use the template given in Annexure]</i>

## Summary of the proposal (maximum 1000 words):

*[Do not reveal your identity in this summary section which may be used for blind review.]*

*In brief, state the problem, strategy opted to solve the problem, potential translational and societal (Indian) impact. Highlight the novelty and interdisciplinarity (if any) of the approach. Please note the goal of the STARS program is to take stock of an existing problem and work backwards towards conducting scientific research for a solution. Mention how the proposed project satisfies this criterion.]*



*[This part to be copy pasted in a given text box]*

### Keywords:

*[Limit to a maximum of five keywords. Add button will be given in the online form]*

Keyword 1	
Keyword 2	
Keyword 3	
Keyword 4	
Keyword 5	

### Objectives

*[Each objective shall be specific to achievable target. Avoid general or broad statements. Limit to a maximum of five objectives; Add button will be given in the online form]*

Objective 1	
Objective 2	
Objective 3	

## Detailed proposal [to be uploaded as pdf; Max: 10 MB]

*[Prepare a detailed proposal in a separate word file for the following **NINE subsections** to be uploaded as pdf. Use A4 size word pages in portrait mode and do not rotate any pages. keep the text readable with a minimum font size of 11. Save as pdf file without any password protection/restriction. This would help the system to produce a merged pdf of the whole proposal.]*

**1. Definition of the research problem and scientific significance of the proposed work** [200 words]

**2. Current national and international status of the proposed research problem with appropriate references** [1000 words, excluding list of references to be added at the end of this section]

**3. Workplan to achieve the proposed objectives**

*[Limit to 5 pages excluding the list of references; Add relevant subsections as 3.1, 3.2, ... etc., to elaborate methodology, data, expected outcomes, etc.; Figures or tables can be used if required; Keep a subsection for “**Milestones and timelines**” to indicate the phasing of the workplan for the three-year project period; Keep a list of references as the last subsection.]*

**4. Translational potential and relevance of the proposed work to India** [Max 200 words]

**5. Roles and responsibilities of PI and Co-PI(s), prior expertise, and relevant publications****A. Roles and responsibilities of PI and Co-PI(s) and prior expertise**

Name of PI/CoPI	Role and responsibilities	Prior expertise (if any)

**B. List of relevant publications from the research team (Max 5):**

Article reference (provide full citation in a standard format)	Impact factor	Citations

**6. Details of current and completed projects by the research team members**

*[List all the projects currently being implemented (if any) and completed (if any) in the last five years by each of the team members. Add more rows if needed.]*

**A. Details of projects under implementation**

Name the team member	Funding agency	Title of the project	Role (PI/CoPI)	Sanctioned grant (₹)	Start date	End date (Expected)

## B. Details of the projects completed during the last 5 years

Name (PI / CoPI) of this proposal	Funding agency	Title of the project	Role (PI/CoPI)	Sanctioned grant (₹)	Start date	End date

## 7. List of facilities available / accessible for the project implementation

## A. List of research facilities crucial for the project readily accessible by PI/Co-PI(s)

*[List the available facilities apart from what will be purchased as part of this project]*

Name (PI / CoPI)	Facility	Remarks

## B. List of Infrastructural facilities being extended by the host institution(s) for the project implementation

S. No.	Infrastructural Facility	Available / Not available / Not required <i>[Mention any one status]</i>
1	Workshop Facility	
2	Water & Electricity	
3	Laboratory Space/ Furniture	
4	Power Generator	
5	AC Room or AC	
6	Telecommunication including e-mail & fax	
7	Transportation	
8	Administrative/ Secretarial Support	
9	Information facilities like Internet/ Library	
10	Computational Facilities	
11	Animal/ Glass House	
12	Cryogenic Facility	
13	Bio-imaging Facility	
14	Nanofabrication Facility	
15	Nano Characterization Facility	

**8. Environmental risk considerations for the proposed work: [Max 200 words]**

*[List the potential risks of the proposed work, and steps taken to ensure safe laboratory practices / field experiments / work involving pathogens and /or animals]*

**9. Any other information that may be relevant to the project [optional]**

## Budget details and justifications

*[Prepare the budget as per the following section which can be filed later in the online form; Mention all the digits as rupees without decimalization as Lakhs/Thousands. Prepare year-wise budget for the given subcomponents as per the requirements of the project and provide justifications in the following section.]*

### A. Grants for creating capital assets (non-recurring components)

*[Usually, this component is planned for first year, justify if this budget is extended to Year 2 or 3. Quotations will be necessary at a later stage if the project is approved.]*

Component	Year 1	Year 2	Year 3	Total A
Equipment				

### B. General grants-in-aid (Recurring components)

Component	Year 1	Year 2	Year 3	Total
Human Resources				
Consumables				
Contingency <i>Maximum total budget for contingency should be less than 6% of the total project cost (i.e., 3 lakhs for a total project cost of 50 lakhs)</i>				
Facility charges				
Travel <i>Maximum total budget for travel should be less than 6% of the total project cost unless the project requires extensive field work.</i>				
Overhead <i>(10% of total project cost or 5 lakhs, whichever is less)</i>				
<b>Total (B)</b>				

Total proposed budget (₹) [A+B]:

**Component-wise justifications**

Equipment

Human Resources

Consumables

Contingency

Facility Charges

Travel

Overhead

Endorsement letter from safety /ethical committee

Endorsements from safety /ethical committee *[Optional unless you are working with animals/pathogens. Upload if applicable [pdf max 1 MB]*

Annexure 1

**Endorsement from head of organization for MoE-STARS proposal submission**

This is to certify that Prof./Dr./Mr./Ms. \_\_\_\_\_ is having a regular faculty position in our Institution/University/Organization in the department/division \_\_\_\_\_.

This Institution/University/Organization agrees to undertake the financial and other management responsibilities for the part of the project work which will be conducted in our organization.

Date:

Place:

Signature and seal

Name:

Designation:

Full address: