

# **FACULTY RESEARCH INITIATIVES IN SCIENCE AND TECHNOLOGY (FRIST) SCHEME**

## **GENERAL INFORMATION & GUIDELINES FOR SUBMISSION OF PROJECT PROPOSALS**



**PSN INSTITUTIONS | TIRUNELVELI – 627 152**

## **OBJECTIVES**

1. To promote the research capability in relevant areas of science and engineering taking into account resources of our institutions,
2. To promote research in newly emerging and frontier areas of science and engineering including multidisciplinary fields,
3. To encourage young researchers to take up challenging R&D activities,
4. To give special encouragement to active researchers to convert their research ideas into project proposals by providing them technical support, financial assistance and fellowships.

## **ELIGIBILITY**

1. The Scheme is open for all faculty members who have completed ONE year in PSN Institutions, Tirunelveli
2. However, such faculty members who have not completed ONE year (but possess sufficient experience in other educational institutions/industry) shall also submit proposal. Such applications need the recommendations of the respective Principals.

## **FUNDING PATTERN & GENERAL CONDITIONS**

1. The minimum fund of support will be Rs.20,000 and the maximum fund will be Rs. 1,00,000/-
2. Projects with funding less than Rs. 50,000/- shall be completed within 10 months and above Rs. 50,000 shall be completed in 18 months.
3. The date completion of the project will be the submission of the final report which should be submitted within the stipulated period.
4. The project shall be done as Group Projects (not exceeding 3)
5. The outcome of the proposal should result in atleast ONE publication in international/national journal indexed in Scopus. **Publication in Conference Proceedings will not be accepted.**

## **SUBMISSION OF PROPOSAL & HEADS OF EXPENDITURE**

Proposal shall be submitted throughout the academic year. The proposal should be in the prescribed format with proper attachments and annexure. Incomplete proposals and proposals not in the prescribed format will be rejected.

The Heads of Expenditure allowed are,

- equipments/software,es,
- consumables,
- travel and
- contingencies.

The Investigator of the project should take care in providing proper budget, particularly for equipments/hardware/software in the proposal. The amount requested for equipments/hardware/software should be supported by quotations from the Dealers/Manufacturing companies. As far as the travel and contingency heads are concerned, the maximum amount permissible under each head is 5% of the total project cost. For eg., if an investigator proposes a project for Rs. 50,000/- then he is permitted to go upto Rs. 2,500/- for travel and Rs.2,500/- towards contingencies.

### **SCRUTINY OF PROPOSALS**

The proposals will be scrutinized by the Research Committee every THREE months. The Research committee is empowered to reject any proposal which it deems to be unfit for funding. The committee shall also instruct the investigator of the proposal for resubmission with corrections/modifications where ever necessary.

The Investigator shall present his proposal before the Research Committee. Based on the presentation and justification given by the Investigator, the Research Committee shall recommend the proposal for funding or rejection.

### **SANCTION ORDER**

Based on the recommendations of the Research Committee, the Principal shall issue the Sanction Order to the Investigator of the proposal. The sanction order shall clearly mention the break-up of funds sanctioned for the proposal under various heads like, equipment, travel, consumables, contingencies etc.

The investigator of the project shall give an Acceptance letter. After the receipt of the acceptance letter the Principal shall release the funds sanctioned for the project. The sanctioned amount should be transferred to the FRIST A/c. The investigator shall draw the amount as per the heads of accounts mentioned in the sanction letter by producing proper documents.

### **UTILISATION OF FUNDS**

The funds sanctioned should be spent only as per the heads of expenditure mentioned in the sanction order. Any deviation from the sanction order should be brought to the notice of the Principal, in writing. Such deviations shall be carried out only if the Principal issues Letter of Fund Adjustment. Letter of Fund Adjustment should be issued by the Principal only for Equipment and Consumable heads. Unspent amount, if any shall be retained in the FRIST A/c.

Amount sanctioned under travel head should be spent as per the TA/DA norms of the college. The amount shall be spent for meeting the expenditure incurred for attending seminars/conferences, industry/lab visits etc. Amount sanctioned under contingencies head shall be spent for paying characterisation charges done in reputed labs, papers for taking print-outs, paying registration fees for attending conferences, typing and Photostat copying charges, postage etc., related to the project proposal.

#### **ADDITIONAL FUNDS**

An investigator shall apply for additional funds based on his/her progress in the project work funded under FRIST scheme, after the completion of SIX months in the ongoing project. The additional funding shall be upto 25% of the initial sanctioned amount. Additional fund is applicable only to equipment and consumable heads and it will not be granted for travel and contingency heads.

**PSN INSTUTUTIONS  
MELATHEDIYOOR, TIRUNELVELI – 627152**

**FORMAT FOR SUBMISSION OF PROJECTS UNDER FRIST SCHEME**

**1. GENERAL INFORMATION**

1. Project Title
2. Broad Subject
3. Sub Area
4. Duration in months
5. Total cost
6. Project Category: Basic Research, Applied Research (Process / Product Development), Technology Development, Any other

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7. Investigator
  8. Designation
  9. Department
  10. Date of Birth: Sex (M/F)
  11. Mobile No. & E-mail
  12. Total years of experience
  13. (including academic & industry)
  14. Total years of experience in PSNCET

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15. Co-Investigator 1
  16. Designation
  17. Department
  18. Date of Birth: Sex (M/F)
  19. Mobile No. & E-mail
  20. Total years of experience
  21. (including academic & industry)
  22. Total years of experience in PSNCET

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23. Co-Investigator 2
  24. Designation
  25. Department
  26. Date of Birth: Sex (M/F)
  27. Mobile No. & E-mail
  28. Total years of experience
  29. (including academic & industry)
  30. Total years of experience in PSNCET

## **2. TECHNICAL DETAILS OF THE PROJECT PROPOSAL**

Project Title

Project No. (to be filled by Office)

Investigator:

Co-investigator1:

Co-investigator2:

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**I. Project summary (maximum 150 words)**

**II. Key words (maximum 6)**

**III. Technical details**

**Introduction (under the following heads)**

- Origin of the proposal
- Definition of the problem
- Objectives

**Review of status of Research and Development in the subject**

- International status
- National status
- Importance of the proposed project in the context of current status
- Review of expertise available with proposed investigating group/institution in the subject of the project
- Patent details (domestic and international)

**Work plan**

- Methodology
- Organisation of work elements
- Time schedule of activities giving milestones
- Anticipated outcome/Deliverables

**IV. Budget Estimates:**

S.No.	Item	Budget requested (in Rs.)
1	Equipment/hardware/software	
2	Consumables	
3	Travel	
4	Contingencies	
Grand Total		

**V. Equipments available in the Department/College for the project:**

Equipment/software available with	Generic Name of Equipment	Model, Make & year of purchase	Current usage of equipment
Department			
Other Departments			

Any other relevant matter.

Signature of the Investigator

Signature of the Co-Investigator(s)

Recommendations of the Head of the Department

**N.B.** *If any facility available with a department other than investigator's department and has to be used for the project purpose, then the Head of the other department should also forward the application by mentioning his acceptance to provide facilities to carry out the project work successfully.*