



**NATIONAL INSTITUTE OF TECHNOLOGY, MEGHALAYA
Laitumkhrah, Shillong-793003**

**GUIDELINES TO THE OPERATION
OF
SPONSORED RESEARCH PROJECTS**

SPONSORED RESEARCH PROJECTS:

1. All Sponsored Research Projects (SRP) shall be proposed to funding agencies through the Institute. The Principal Investigator (PI) shall prepare the proposal and submit it to the funding agency through the Dean (R&D) with two additional copies for the Institute records. Once the Project is approved and the sanction letter is received from the funding agency, the PI shall send a copy of the sanction letter and a copy of the approved project proposal to the Head of the concerned department and Dean, Research and Development, for information and record.
 - 1.1 Every Sponsored Project will have a Principal Investigator who will be responsible for formulating the project proposal, implementation and execution of the sanctioned project. The PI will handle all communications with the sponsoring agency after the project has been accepted. He/ She will write and submit intermediate and final reports and submit a statement of account and/or utilization certificate through the Finance Section of the Institute according to the guidelines of the funding agency.
 - 1.2 The Principal Investigator shall submit the hard and soft copies of the final technical/project report submitted to the funding agency to the Dean (R&D) for record. The file will be closed but will be retained in the Office of the Dean (R&D) for 1 year at least, after completion.
2. **Operation of Project Funds**
 - 2.1 There will be separate Institute Account for project funds. All funds received for projects will be deposited in this account. A separate section of the Finance Office with an officer as in-charge will assist the Dean (R&D) in administering the project funds.

2.2 Overhead Charges

The cost of a project will consist of Actual Expenses due to procurement of equipment, materials, payment to employees, external of consultants and students, transport etc. and the Institute Overheads. Usually, fifteen percent (15-20%) of the cost of the project will be charged as overhead payable to the Institute. The amount received on account of overhead charges will be administered by the Institute as follows:

- a. 25% of the fund will go to the Institute Development Fund
- b. 25% of the fund will go to the respective Department.
- c. 10% of the fund will go to the Employee Welfare Fund.
- d. The remaining 40% may be utilized by the Project Team for the professional development its members i.e. partial support for conference, membership of learned societies, enhancement of existing research facilities. Proper justification of the requirements shall be provided for utilization of the amount and all financial regulations shall be observed.

2.3 Actual Expenses

The Actual Expenses will cover the following costs related to a project:

- a. Major equipment to be procured as per usual sanction procedure laid down by the Institute.
- b. Consumable Materials to be used.
- c. Computational charges.
- d. Charges to be paid for the use of specific equipment in the departments, institute central facilities or other organizations.
- e. Contingency Expenses. These will normally cover –
 - i. Cost of supplies, stationery.
 - ii. Cost of books, journals, membership fees of professional societies, registration fee for conferences etc.
 - iii. Payment for typing and other office work to outside agencies, printing, photocopying etc.
 - iv. Postage and telephone (including phone deposit charges rentals and call charges of phones at the office or residences).
 - v. Hiring charges that are relevant to the project.

- f. Travelling expenses
 - i. Travel may be undertaken for site visits, field work, experimental works in other institutes, meetings outside the Institute, participation in Conferences/ Workshops/ Seminars in India. Travel abroad may be allowed if the guidelines of the funding agency have the provisions for it.
 - ii. TA/DA will be provided to the PI and his team as per Institute rules.
 - iii. Regular TA/DA rules of the Institute may be relaxed based on the merit of the case, if need arises, which may be decided upon by the Dean (R&D) with approval from the Director if deemed necessary.
- g. Salaries of project employees shall be paid as per project funding agency guidelines.

2.4 Selection

- a. Open selection will be held for all project positions of duration more than one and a half (1½) years.
- b. For positions of duration less than 1½ years, there will be an internal circular within or nearby Institutions. If suitable candidates are not available, then open selection will be made. In special situations, on the recommendation of the PI, short term job contracts for a period not exceeding six months may be given with the approval of the Dean (R&D).
- c. All project appointments will be contractual and on consolidated monthly compensation.
- d. Automatic transfer from one project to another either on completion or midway shall not be permitted.
- e. The maximum tenure of contractual appointment of a project staff will be for the remaining duration of the project or three years whichever is less.
- f. Selection of project staff shall normally be made as per the guidelines provided by the sponsoring agency, and as per Institute rules.
- g. Appointment letters shall be issued under signature of Registrar/Deputy Registrar with intimation to the Dean, R&D.

3. General guidelines for recurring project expenditure

- i. If a project has clear sanction for a specified period of time, the fellowship/honorarium may be paid in advance by the Institute even if the grant has not been received. Advance for any other expenses in the name of PI may be decided upon by Dean (R&D) with

approval of Director. Any amount paid in advance will be adjusted immediately on receipt of the project fund.

- ii. No prior sanction/approval is necessary for the purchase of chemical/consumables/books up to Rupees Twenty five thousand (Rs. 25,000/-) provided sanction from the Funding agency was received for such purposes. The PI may act as self sanctioning authority and can place order, with information to the Finance Section of the Institute and Dean (R&D), directly to the vendors for the supply observing all financial rules. Further, for purchase of consumables up to Rs. 25,000/-, no quotation will be required provided the company from which the consumable items are procured is the sole distributor/manufacturer.
- iii. On emergency requirement, the PI can make spot purchase of necessary items to the tune of Rs. 20,000/- observing the financial rules.
- iv. Advance drawn for paying a supplier of consumables/ equipment, etc. should be in the name of the supplier.
- v. Where fieldwork happens to be an integral component of research some relaxation in disbursing T.A. and D.A. as mentioned in 2.3 f (iii) above may be allowed.
- vi. For buying books against sanctioned project fund the PI can place order for books with a vendor directly, with intimation to the Dean (R&D) and the Librarian. When the books arrive these shall be catalogued in the Library and then given to the PI. After the project is over the books will be kept in the departmental library with intimation to the Central Library.

4. Guidelines for selection of JRFs/SRFs and other research personnel (Technical Assistant, Research Associate etc.) for Research Projects

Note: These rules shall be applicable in the cases where the Funding agencies do not lay down any guidelines about selecting JRFs/SRFs, Research Associates, Project Fellows, etc.

4.1 JUNIOR RESEARCH FELLOWSHIP (JRF) PROJECT FELLOW

4.1.1 ELIGIBILITY

- a. Educational Qualifications:** A candidate seeking selection as JRF/Project Fellow must possess a postgraduate degree in the concerned discipline from a recognized Institute with a minimum of 55% marks in aggregate, provided the minimum cut-off mark is not specified by the funding agency. In case an applicant has some research experience due concession may be made.
- b. Desirable Qualifications:** The desirable qualifications will be specifically determined by the PI as per the needs of the project.

- c. **Age:** The candidate shall not be more than 28 years of age for the award of Fellowship on the stipulated last date of receiving applications in response to advertisement. The upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ST/OBC/Women and physically challenged applicants.

4.1.2 Selection Procedure

- a. Positions will be advertised in any of the national / regional newspapers and through other channels (such as by means of circulation of notices to various Universities and displaying in the NIT Meghalaya Website Homepage) at least three weeks prior to the dates on which the candidates are to appear for the personal interview.

Applicants who have already cleared the National Eligibility Test (NET) for JRFs conducted by UGC/CSIR/ICAR/DBT/ICMR or GATE and/or have experience in research appropriate for the project will be given due weightage.

- b. The screening of applications for calling candidates for interview will be done by a 'Screening Committee' consisting of the Principal Investigator (PI) and/or the Co-investigator of the project and one member of the faculty of the concerned department to be nominated by the Head of the Department.

- c. The Dean, R&D shall constitute a selection committee in consultation with the PI as follows:

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| (i) Dean, Research and Development/ or
His/her nominee | : | Chairperson |
| (ii) Head of the Department* | : | Member |
| (iii) Subject Expert | : | External Member# |
| (iv) Principal Investigator | : | Member Secretary/ Convener |

*(If the HoD is the PI, one senior Faculty Member of the concerned or related department to be nominated by Dean, R&D).

#(External Member can be also from another Department within the Institute unless specified by the funding agency).

The Selection Committee has to be approved by the Dean, R&D. Subsequently the PI shall inform the Dean, R&D and Selection Committee Members about the date and time of the interview.

- d. During the interview the committee shall test the candidates' knowledge of the subject, aptitude for research, creative thinking and sincerity.
- e. Following the interview, a report on the selected and wait listed candidates will be submitted for the consideration and approval of the Dean, R&D.
- f. After the approval of Dean, R&D, the office of the Registrar will issue appointment letter(s) to the selected candidate(s).

- g. In general, the travel and accommodation expenses to the candidates called for interview shall not be paid and this information would be provided in the advertisement.
- h. The candidate is expected to join within 30 days from the date of issue of the letter of fellowship award, failing which the award shall be cancelled. However, in exceptional circumstances, the Dean (R&D) may grant extension provided the letter requesting extension is routed through the PI.

4.1.3 Fellowship and Tenure of JRF

The tenure and fellowship amount for the project staff per month shall be determined as per the rules and regulations of the funding agency. If nothing is mentioned, the fellowship amount shall be decided by the PI and approval for this shall be taken from the Selection Committee, with necessary intimation to the funding agency.

4.1.4 Upgradation of Junior Research Fellow (JRF) to Senior Research Fellow (SRF)

If nothing is mentioned in the funding agency rule book, then on completion of two years of the tenure, a Project Staff can apply for upgradation of the fellowship if the funding agency approves the same. For upgradation an Evaluation Committee may be constituted consisting as follows:

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|----------------------------|---------------|
| (1) Dean (R&D) or Nominee | : Chairperson |
| (2) Head of the Department | : Member |
| (3) External Expert | : Member |
| (4) PI | : Convener |

The project fellow needs to present a progress seminar on the work done before the Evaluation Committee. If the External Expert does not belong to the Institute, an assessment report on the progress of the work may be acquired from an expert outside the Institute.

4.2 SENIOR RESEARCH FELLOWSHIP (SRF)

4.2.1 ELIGIBILITY

- a. **Educational Qualifications:** In case of direct recruitment, a candidate seeking selection as SRF must possess a Master's degree in concerned / related discipline from a recognized Institute with a minimum of 55% marks in aggregate and at least 2 years' research experience after Post Graduation (to be supported by certificate of experience). Candidates with an M. Tech degree can directly be selected as SRF.

The condition relating to the period of research experience may be relaxed in the case of exceptional research work or research publications by the candidate.

- b. **Desirable Qualifications:** The desirable qualifications will be specifically determined by the individual project needs.

- c. **Age:** The candidate shall not be more than 32 years of age on the stipulated last date of receiving applications in response to the advertisement. Upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ST/OBC/Women and physically challenged categories.

4.2.2 SELECTION PROCEDURE

The selection procedure will be similar to the one laid down for the selection of JRF/Project Fellow. The candidate is expected to join within 30 days from the date of issue of the letter of fellowship award, failing which the award shall be cancelled. However, in exceptional circumstances, the Dean (R&D) may grant extension provided the letter requesting extension is routed through the PI.

4.2.3 Fellowship and Tenure of SRF

The tenure and fellowship amount for the SRF shall be determined as per the rules and regulations of the funding agency. If nothing is mentioned, the fellowship amount shall be decided by the PI and approval for this shall be obtained from the Selection Committee and necessary intimation regarding this shall be made to funding agency.

4.3 TECHNICAL ASSISTANTS (TAs)

4.3.1 ELIGIBILITY

- a. **Educational Qualifications:** A candidate seeking selection as a TA must be a graduate from a recognized Institute with one year's relevant experience / B. Tech. degree or other equivalent degree with a minimum of 50% aggregate marks.
- b. **Desirable Qualifications:** The desirable qualifications shall be specifically determined by the individual project needs.
- c. **Age:** The candidate shall not be more than 28 years of age for the award of TA on the stipulated last date of receiving applications in response to the advertisement. The upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ST/OBC/Women and physically challenged applicants.

4.3.2 SELECTION PROCEDURE

The selection procedure shall be similar to those for the selection of the Project Fellow. The candidate is expected to join within 30 days from the date of issue of the letter of the fellowship award, failing which the award shall be cancelled. However, in exceptional circumstances, the Dean (R&D)I may grant extension provided the letter requesting extension is routed through the PI.

4.3.3 Fellowship and Tenure of TA

The tenure and fellowship amount for the project staff shall be determined by the rules and regulations of the funding agency. If nothing is mentioned, the fellowship amount shall be decided by the PI and approval shall be taken from the Selection Committee and necessary intimation regarding this shall be made to the funding agency.

4.4 RESEARCH ASSOCIATE (RAs)

4.4.1 Scope and objective

Opportunities and support should be provided to outstanding research workers to do research work independently at post-doctoral level. The main objective is to utilize the skills and competence of post-doctoral fellows for research at higher level of scholarship.

4.4.2 Eligibility

Research Associateships are intended for research workers preferably below the age of 40 years who have obtained a doctorate (Ph.D) degree from a recognized Institution, have published research work to their credit and have already shown evidence of independent research work.

Age relaxation up to a maximum of 5 years would be allowed to the candidates belonging to SC/ST/OBC/ Women candidates.

4.4.3 Selection

The procedure for advertising the position of Research Associates shall be the same as that of the JRF/ SRF. The formation of a screening committee for short listing the candidate shall also be the same as that of JRF and SRF.

The 'Selection Committee' shall be constituted by the Dean, R&D, in the same manner as that of for JRF and SRF.

For reimbursement of TA/DA to the candidate, the rule applied for JRF / SRF shall be followed.

4.4.4 Fellowship and Tenure of Research Associates (RAs):

The Research Associateship shall be awarded as per the rules/ guidelines/ approval of the funding agency.

4.5 Conditions of Award:

- a. If nothing is mentioned in the rule book, the Associate shall devote himself/herself to whole time research work and shall not accept any other part time employment during the tenure of the Associateship. However, his/her services could be utilized by the authority

for teaching purposes provided it does not affect the research programme and he/she shall not accept any extra remuneration for this purpose.

- b. The Research Associateship will be tenable initially for the period as mentioned in the project.
- c. The Associate shall work under the supervision of a faculty member of the Institute. The Associate shall submit, through the Supervisor/Faculty with whom he/she is associated, half yearly progress report of his/her research work.
- d. If an Associate wishes to leave the Associateship before the end of tenure, it should be done with the prior notice to the Director/ Dean (R&D) through the PI.
- e. If the PI/ concerned faculty is not satisfied either with the progress of the research work or the conduct of the Fellow, the Institute may terminate the Associateship at any time without any notice and assigning any reason.
- f. The award of any fellowship (JRF/SRF/RA) does not imply any assistance or guarantee for subsequent appointment in T.U. to the beneficiary.
- g. The Associate may, in special cases, be allowed by the Institute leave without Associateship for a period not exceeding three months during the tenure of award on the recommendations of the supervisor/concerned faculty. The period of leave without Associateship shall count towards the tenure of Associateship.

5.1 House Rent Allowance

Institute will try to provide single / double seated hostel accommodation to all Project Staff. In case, the accommodation cannot be provided by the Institute, they shall be entitled to House Rent Allowance (HRA) as per the guidelines of the Institute.

5.2 Medical Facilities

Medical facilities shall be available to the Project staff at par with the bonafide students of the Institute

5.3 Leave rules

Leave for a maximum period of thirty days in a year in addition to general holidays may be taken by a Project Staff with necessary approval from the PI.

APPLICATION FORM FOR THE RESEARCH POSITION (JRF/SRF/RA)

1. Name of the applicant: _____
2. Present Postal Address (*Pin Code, Phone, Fax & e-mail*)

3. Father's / Husbands Name:
4. Mother's Name:
5. Permanent Residential Address (*Pin Code, Phone, Fax & e-mail*)

6. Nearest Railway Station for undertaking the Journey _____
7. (i) Date of birth _____
(ii) Age in years(On the date of application) _____
(iii) Sex: Male / Female
(iv) Nationality:
8. Category: SC/ ST/ OBC
If OBC, state Creamy layer/ Non-creamy layer
(Please attach a photo copy of the caste certificate issued by competent authority)

9. a) Academic Qualifications:

Examination Passed	Board/University	Year	Subjects	% of Marks / Grade & Division

- b) Whether qualified NET/GATE (details should be provided):
c) Awards/ Honors Received
d) Participation in Seminar / Conferences /Workshop
e) Research Publications (important reprints should be enclosed)
10. Have you had any scholarship/fellowship before applying for this award? (If so,please give details of the scholarship/ fellowship)
11. Title of Ph.D. thesis (for RA position) name of the guide and an abstract of Ph.D. thesis in about 500 words (in a separate sheet as annexure) may be submitted.

12. Extracurricular activities:

13. Name and address of three referees not related to the candidate but is aware of the candidate's work:

1.

2.

3.

Place:

Date:

(Signature of the Applicant)

For Office Use Only

Application for SERIAL No.:

Category:

Date of Receipt of application:

Signature