



Call for Project Proposal 2025-26 under RAC-S ISRO NIT Patna

ISRO- NIT Patna Regional Academic Centre for Space (RAC-S) invites research project proposal from the permanent faculty members of NIT Patna and permanent faculty members from other reputed institutes of eastern region (Bihar, Jharkhand, Odisha, Sikkim, West Bengal and A&N Islands) in the areas of relevance to the future technological and programmatic needs of the Indian Space Programme.

Nature of the Project:

- 1) Reputed institutes of eastern region (Bihar, Jharkhand, Odisha, Sikkim, West Bengal and A&N Islands) which include all IITs/NITs/IITs/CFTIs/CUs/State Government Institutes and other institutes who's NIRF rank is within 100.
- 2) Institutes other than NIT Patna must have a PI/Co-PI from NIT Patna.
- 3) Projects shall be of two types. (i) Short term projects for B.Tech. and M.Tech Students, of up to one year duration. (ii) Long term R & D projects (More than 1-year duration) preferably leading to Ph.D.
- 4) Short Term Projects: 3rd Year or 4th year B.Tech. students or M.Tech students shall participate in the short term research projects of less than one year duration. The total project cost shall not exceed **Rupees One Lakh**.
- 5) Long Term R & D Projects, preferably leading to Ph.D Programme (More than 1 year duration). NIT Patna and other associated Institutes shall identify R & D projects of relevance to space programme of one to three years' duration. In such projects, the principal investigator of the project shall be from the associating institutes and the Co-PI can be from NIT Patna or vice versa. The PI shall be responsible for the budget management of the project. There will be provision for JRF and SRF in these projects as per RESPOND norms. Candidates, who have cleared NET/GATE or equivalent qualification from all over the country are eligible for RESPOND JRF /SRF and carry out their Ph.D. programme. If the student is already getting any stipend, then the total emoluments should not exceed the JRF/ SRF eligibility. The total project cost shall not exceed **Rupees Twenty-Five Lakh**.

Research Areas and How to Apply:

- 1) RESEARCH AREAS IN SPACE-2025 of ISRO comprises a set of most urgent and immediate research areas for the academia to select and prepare detailed proposals under this programme.
- 2) Please specify the below details in a separate sheet:
 - (i) Title of the project
 - (ii) PI and Co-PI details (Name, Designation, Affiliation, Mobile Number and Email-ID)
 - (iii) Specify the Programmes and Areas in which the project is submitted:
 - (i) Launch Vehicle (ii) Human Space Programme (iii) Satellite Technology (iv) Earth Observations (v) Space Sciences (vi) Space Policy & Management as mentioned in the Contents section in the "RESEARCH AREAS IN SPACE-2025 of ISRO".

- (iv) Specify the Research Area and Sub-Area with serial and page no as mentioned in " RESEARCH AREAS IN SPACE-2025 of ISRO".
- (v) Specify the target ISRO/ DOS Centre as given in Annexure-3 in " RESEARCH AREAS IN SPACE-2025 of ISRO".

3) "Application for Grant of Funds including the project proposal" and "Form-C" shall be submitted in the prescribed formats only. Formats are given in the Annexure -1 & 2 in the "RESEARCH AREAS IN SPACE-2025" whose link is given below:

https://www.isro.gov.in/media_isro/pdf/programme/Research_Areas_Space_Doc2025.pdf

4) Project Template Details (in the RESEARCH AREAS IN SPACE-2025)

- 1. Form A: Bio-data of the Investigator(s)- Page:351
- 2. Form B: Project Details- Page:352-353
- 3. Form C: Terms and Conditions of ISRO Research Grants- Page:354-355

- 5) Endorsement letter from the head of the institute and Certificate from the Investigator form should be duly signed and submitted.
- 6) Proposals can be submitted through email at racs@nitp.ac.in

Selection & Mode of Application:

- 1) An applicant is eligible to apply only one proposal during this call.
- 2) The selection will be based on the provisions of ISRO- NIT Patna Regional Academic Centre for Space (RAC-S).

Necessary Details:

- 1) The general terms and conditions will be as per RAC-S ISRO NIT Patna MOU.
- 2) The selection will be based on the provisions of ISRO- NIT Patna Regional Academic Centre for Space (RAC-S).
- 3) Proposals submitted must be original in ideation and content. Plagiarism in any form will not be acceptable. All submitted proposals would be subjected to a similarity check and proposals are liable to be rejected if found plagiarized. Any text taken verbatim from other source needs to be identified using quotation marks and proper reference. Applicants are requested to pre-check their proposals for plagiarism before uploading. Proposals found containing plagiarized content will be rejected.

4) The last date for submitting the proposals under this scheme is upto 01.12.2025.

- 5) Any queries can be addressed at racs@nitp.ac.in
