



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

ADVERTISEMENT NO: R&D/1296/SDS/493

DATED: 11.07.2025

Project No. **SDS-1296**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Research Associate
(b) Number of Post : 01 (one)
(c) Duration of the Post : 5 Months (Further extendable based on performance)
2. Name of the temporary research project : Exploratory studies on developing statistical representation of crack growth properties
3. Name of the sponsoring Agency : GTRE, DRDO
4. Consolidated Fellowship/Salary : Rs 58000 per month + HRA as per rule
5. Qualifications & Experience : Ph.D. (Mechanical, Aerospace, production, statistics or equivalent) with prior research experience in the broad area of physical sciences as evidenced through quality journal publications, patents, and technology development.

or

M.Tech. (Mechanical, Aerospace, Design, Solid mechanics, Applied mechanics, Manufacturing, Mechatronics, or equivalent) with 3 years' experience in an area relevant to the project needs. The candidate should have demonstrated research interest through quality journal publications, patents, and technology development.

The upper age limit for applying for the RA position shall be as per government agency norms. Relaxation in experience and age is permissible only for suitable candidates with higher qualification. Candidates with relevant work and/or prior research experience in the fields of computational thermo-mechanical analysis.

6. Description of the ONLINE MODE of the selection process:

Application procedure:

1. Candidates interested in this position and satisfying the qualification criteria with experience in the relevant field of research should write an email to the project investigators Dr. Surajit Kumar Paul, Department of Mechanical Engineering, IIT Patna (Email IDs: surajit@iitp.ac.in).
2. The **subject of the email** should read as “*RA Position SDS-1296*”. The last date for receiving this email is **29th July 2025**.
3. The email **MUST** include the **scanned/pdf copy of duly filled application form** with applicant's signature.



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

4. The email **MUST** include self-attested scanned **pdf copy of all supporting documents** (degree certificates, mark-sheets, GATE scorecard, SOP, and category certificate, if applicable).
5. Copy of **first page** of all Scopus indexed **journal papers** should be attached with the email.
6. The application **MUST** additionally include a **500-word statement of purpose (SOP)** stressing relevant experience in the area of the project. This document should elaborate on your interest in the broad area of this project and any relevant prior experience/skills which would help you in solving the assigned research problem. IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above.
7. **Two recommendations letters** (one must be from the PhD supervisor for candidates with PhD as the highest degree) should be sent to the above stated email addresses by the application deadline date of **29th July 2025**.
8. The application should also include a brief **Academic CV** not exceeding two pages.

This project is a highly specialized, time bound, and target orientated. The qualification and experience given above in this advertisement are at the minimum requirement level and do not guarantee interview call if other candidates with higher qualification and/or experience desirable and commensurate with project objectives are available. Further, IIT Patna reserves the right to not shortlist any candidate in case the application email does not contain complete information backed up by supporting documents as listed above. All candidates who apply via email by **29th July 2025** (deadline) and are shortlisted will be informed regarding the further details by **31th July 2025**. The date of online interview will be announced and informed to the shortlisted candidates in due course of time. The tentative date of online interview will be around **01th Aug 2025**. The exact dates will be communicated to the shortlisted candidates by email.

9. About the Project:

This DRDO-funded project focuses on the statistical analysis of mechanical test data. Knowledge of different mechanical tests, data analysis, and design curve development is necessary.

Applicants may also contact Dr.Surajit Kumar Paul for further details on the research at IITP.

Assistant Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. All other IITs/Universities
3. Advertisement file
4. Project file

INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

PROJECT CODE: SDS-1296

ADVERTISEMENT NO: R&D/1296/DSD/493

DATED: 11.07.2025

FORMAT OF APPLICATION FOR RA

Name & Address	Category	DOB	Professional Exam. (GATE/CSIR-NET, etc) & Validity
Including email id and Phone no. (for Correspondence)	(GEN/OBC/SC/ST/PD)	dd/ mm/yy	
NAME IN CAPITAL Address:			
Phone: Email:			

Educational Qualification

Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 th Class		
	12 th Class		
	Bachelors (B.Tech/B.E.) or equivalent		
	Masters (M.Tech/M.E) or equivalent		
	Ph.D.		

Qualifying degree	Degree/ major/Specialization
(B.Tech/B.E.)	
(M.Tech/M.E)	
Ph.D.	
Others	



INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT

Include the list of attachments (as per advertisement) submitted along with this form below:

- 1.
- 2.
- 3.
- 4.
- 5.

Declaration: I hereby certify that all information provided herein is accurate and supported by original documents. I acknowledge that I have uploaded all required documents including the SOP as specified in the advertisement form. In the event of any missing or incorrect information, I acknowledge that IIT Patna reserves the right to exclude my application from further consideration without any notification. It is my responsibility to ensure the completeness and accuracy of the information provided.

Signature of applicant

Date:

Place: