



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

**ADVERTISEMENT NO: R&D/1535/MMV/596**

**DATED: 25.06.2026**

Project No: R&D/SP/ME/MMV/2026-27/1535

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-II.**  
(b) Number of Post : **1 (one)**  
(c) Duration of the Post : **11 Months**
  2. Name of the temporary research project : **Microrobot-Aided Mechanoporation for In-Vitro Drug Delivery in Cancer Cells: Pioneering Personalized Drug Screening for Improved Patient Outcomes.**
  3. Name of the sponsoring Agency : **Anusandhan National Research Foundation (ANRF) (Advanced Research Grant (ARG) Program)**
  4. Consolidated Fellowship/Salary : **Rs. 67100 per month (inclusive of HRA as per GoI rules)**
  5. Qualifications & Experience : **Ph.D. in Robotics, Mechanical Engineering / Biomedical Engineering / Chemical Engineering / Materials Science / Nanotechnology / Bioengineering or a closely related discipline, with demonstrated prior research experience evidenced through quality journal publications, patents, and/or technology development.**  
or  
**M.Tech/MS in Robotics, Mechanical, Mechatronics, Chemical, Nanotechnology, Bioengineering, Biomedical Engineering, or an equivalent discipline, with a minimum of three (03) years of post-qualification research experience relevant to the project requirements. The candidate should have demonstrated research aptitude through journal publications, patents, and/or technology development.**
- Candidates with an **awarded Ph.D. degree will be preferred.** However, candidates who have **submitted their Ph.D. thesis** and can produce an **official thesis submission certificate** from their Institute/University may also be considered, **as per applicable norms.**
  - Candidates with relevant prior research experience in one or more of the following areas will be **strongly preferred:** *handling cells/tissues, micro/nano-scale systems, bio-microfluidics, soft matter, polymer-based materials, biomedical devices, or lab-on-chip technologies.*
  - The upper age limit for applying for the RA-II position shall be as per Government of India / funding agency norms. Relaxation in age and experience may be considered for exceptionally qualified candidates with strong research credentials.
  - The candidate should have a **consistently good academic record**, with a **minimum CGPA of 8.0/10 or 75% marks at the Master's level**, and a **strong publication record typically**



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**evidenced through three to five (3–5) research papers in reputed SCI/SCI-Expanded journals. Publications in high-impact journals (h5-index > 30) will be preferred for appointment at the RA-II level.**

This position is purely temporary, co-terminus with the project, and is advertised in accordance with ANRF project norms to ensure transparency and wide publicity.

Application Process: Please fill up the online form <https://forms.gle/aUDuyzCRro7xLGQq9>

The deadline for the application is 10<sup>th</sup> July 2026. Shortlisted candidates will be called for **ONLINE INTERVIEW** tentatively between **16<sup>th</sup> July-2026 to 20<sup>th</sup> July-2026**. Candidates are required to submit an updated resume along with original copies and self-attested photocopies of all supporting documents, including certificates, mark sheets, and degree certificates, at the time of the interview. No TA/DA is admissible for appearing in the interview.

For any queries, please contact the Principal Investigator: **Dr. Atul Thakur, Dept. of Mechanical Engineering, IIT Patna, Email: athakur@iitp.ac.in**, **Dr. Abhishek Raj, Dept. of Mechanical Engineering, IIT Patna, Emails: araj@iitp.ac.in**. Tel.: +91-8406055697.

**Assistant Registrar ( R&D)**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file



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**PROJECT CODE: R&D/SP/ME/MMV/2026-27/1535**

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**FORMAT OF APPLICATION FOR .....**

Name & Address Including email id and Phone no. (for Correspondence)	Category (GEN/OBC/SC/S T/PD)	DOB dd/ mm/yy	Professional Exam. (GATE/CSIR-NET, etc) & Validity
<b>NAME IN CAPITAL</b> Address:  Phone: Email:			
Educational Qualification			
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	Bachelors (B.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

Qualifying degree	Degree/ major/Specialization
(B.Sc/B.Tech/B.E./BCA)	
(M.Sc/M.Tech/M.E/MA/MCA)	
Others	

Signature of applicant

Date:

Place: