



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

ADVERTISEMENT NO: R&D/858/RBC/357

DATED: 21.03.2024

Project No. **R&D/SP/MME/RBC/2023-24/858**

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 : Junior Research Fellow (JRF)
(b) Number of Post : 1 (ONE)
(c) Duration of the Post : 1 year, may be extended for another one year based on the satisfactory performance.
2. Name of the temporary research project : **“Realizing the enhancement of interfacial interaction in rubber latex/bacterial cellulose nanocomposites via covalent conjugation for superior properties – A scientific for approach scalability and commercialization.”**
3. Name of the sponsoring Agency : Science and Engineering Research Board (SERB)
4. Consolidated Fellowship/Salary : Rs. 31,000/- per month
5. Qualifications & Experience:

The candidate must preferably satisfy any one of the below-mentioned specialization.

- a) Bachelor's degree level (B.Sc. /B. Tech/B.E.) in the following selected disciplines: Polymer Science/ Technology/Engineering, Plastics Science / Technology, Rubber Science / Technology, Chemical Engineering /Technology, Physics, Chemistry, Nanotechnology, Materials Science/Engineering, Textile Science/Engineering and Biotechnology/Biochemical Engineering, Materials Science and Engineering.
- b) Master's degree level (M.Sc./M. Tech., M.S.) in the following selected disciplines: Polymer Science/Engineering/Technology, Plastics Science / Technology, Rubber Science / Technology, Chemical Engineering /Technology, Physics, Chemistry, Nanotechnology, Materials Science/Engineering, Textile Science/Engineering, Biotechnology/Biochemical Engineering, Materials Science and Engineering.

In addition, the applicant must satisfy one of the following criteria:

- a) M. Tech./M.E. degree in an Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks.
- b) Bachelor's degree in Engineering / Technology in a relevant branch / area with a minimum CPI of 7.5 or 70% of marks.
- c) Master's degree in Science in a relevant area with a minimum CPI of 7.5 or 70% of marks

In addition to the above,

The applicant must have qualified GATE not older than 05 years from the last date of submission of application / NET qualification.

The upper age limit for applying for the JRF position shall be 28 years. Relaxations for SC/ST/OBC/Women/PD will be given as per the GoI rules.



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Application procedure:

1. Candidates interested in this position and satisfying the specialization / qualification criteria should write an email to the project investigator Dr. Dinesh Kumar Kotnees., Department of Metallurgical and Materials Engineering, IIT Patna (**Email IDs: dinesh@iitp.ac.in and dineshvr@gmail.com**).
2. The subject of the email should read as **“JRF Position in SERB funded project”**. The last date for receiving this email is **04th April 2024 (Thursday)**.
3. The email **MUST** include the scanned/pdf copy of duly filled application form (see attached word document) with applicant's signature. Form No: RD-M003.
4. The email **MUST** include self-attested scanned pdf copy of all supporting documents (degree certificates, mark-sheets, GATE / NET scorecard, and category certificate, if applicable).
5. The application should also include a brief Academic CV not exceeding two pages.

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 **04th April 2024 (Thursday)**(deadline) and are shortlisted will be informed regarding the further details by **08th April 2024 (Monday)**.

Tentative Date of ONLINE Interview: 12th April 2024 (Friday). It is the responsibility of the applicant to ensure that they have a reliable internet connectivity on the date of the online interview.

No TA/DA is admissible for appearing in the interview.

1. For any query contact Investigator(s):**Dr. Dinesh Kumar Kotnees., Department of Metallurgical and Materials Engineering, IIT Patna (Email IDs: dinesh@iitp.ac.in and dineshvr@gmail.com)** and Mobile Number: 8051100995

Deputy Registrar

Copy to:

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



Form No: RD-M003

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FORMAT OF APPLICATION FOR “ JUNIOR RESEARCH FELLOW”

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
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.Sc/B.Tech/B.E./BCA) or equivalent		
	Masters (M.Sc/M.Tech/M.E/MCA/ MA) or equivalent		

Degree/ major/Specialization

Place:

Signature of applicant Date: