



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

ADVERTISEMENT NO: R&D/830/MBM/294

DATED: 10.07.2023

Project Code: **MBM-830**

Applications are invited in the prescribed format only for a 3-year research project funded JRF (PhD position) in the Department of Mechanical Engineering, IIT Patna.

1. (a) Name of the temporary assignment : JRF (PhD position funded through project)
(b) Number of Post : One (01)
(c) Duration of the Post : Three (03) years .
2. Name of the temporary research project : **Micro-mechanics based model of polymeric electro-magneto active material**
3. Name of the sponsoring Agency : DST, Government of India
4. Consolidated Fellowship/Salary :31000 + 9% HRA for the first two years followed by 35000 + 9% HRA (subject to satisfactory performance) for last one year.

5. Qualifications & Experience:

- Bachelor's degree in Engineering / Technology in with a minimum CPI of 7.5 or 70% of marks and a valid GATE score. The candidate should be within 28 years of age.

Or

- The candidate should have M.Sc. in Mathematics or Physics degree with a minimum CPI of 6.5 or 60% of marks with GATE/NET. The candidate should be within 28 years of age.

Or

- Candidates having M. Tech./M.E. degree in an Engineering/Technology, with a minimum CPI of 6.5 or 60% of marks with GATE/NET. The candidate should be within 32 years of age.
- Relaxations for SC/ST/OBC/women/PD will be given as per the project funding agency/GoI norms.

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

Application procedure:

1. Candidates interested in this position with the requisite qualification as stated above should write an email to the project investigator Dr. Somnath Sarangi , Department of Mechanical Engineering, IIT Patna (Email IDs: somsara@iitp.ac.in and somsara@gmail.com). Please include Mechanical Office, Department of Mechanical Engineering (me_office@iitp.ac.in) in the cc list.



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2. The subject of the email should read as “**PhD PositionMBM-830**”. The last date for receiving this email is 16th August 2023.
3. The email **MUST** include the scanned/pdf copy of duly filled application form (see attached word document) with applicant’s signature.
4. The email **MUST** include self-attested scanned pdf copy of all supporting documents (degree certificates, mark-sheets, GATE scorecard, and category certificate, if applicable).
5. Copy of all (if any) Scopus indexed journal papers should be attached with the email.
6. The application should also include a brief Academic CV not exceeding two pages.

This project is a highly specialized, interesting, time bound, and target orientated which includes mathematical model development. 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 16th August 2023 (deadline) and are shortlisted will be informed regarding the further details by 24th August 2023. The date of online interview will be announced and informed to the shortlisted candidates in due course of time (tentatively between August 28 – August 31, 2023).

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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RESEARCH & DEVELOPMENT UNIT

PROJECT No.: R&D/SP/ME/MBM/2023-24/830

ADVERTISEMENT NO: R&D/830/MBM/294

DATED: 10.07.2023

FORMAT OF APPLICATION FOR JRF (PhD position funded through project)

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		

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: