



राष्ट्रीय प्रौद्योगिकी संस्थान पटना / National Institute of Technology Patna

अशोक राजपथ, पटना-800 005 बिहार / Ashok Raj Path, Patna - 800 005 (Bihar)

यांत्रिकी अभियंत्रण विभाग / MECHANICAL ENGINEERING DEPARTMENT

Dr. Yogesh Kumar
(Assistant Professor)

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संदर्भ / Ref. No. – NITP/ME/IRG/YK /01

दिनांक / Date – 08.04.2025

Advertisement for JRF/PA-I Position under ANRF Sponsored Project

Applications are invited from Indian nationals only for JUNIOR RESEARCH FELLOW (JRF) / PROJECT ASSOCIATE-I (PA-I) position as per the details given below for the ANRF sponsored research project under the Principal Investigator (Dr. Yogesh Kumar), Department of Mechanical Engineering, National Institute of Technology Patna, Bihar, India.

- Title of Project:** Development of Directed Energy Deposition Gas Metal Arc (DED-GMA) setup for fabricating Aluminium Alloy and Experimental Investigation on the Effect of Process Parameters on Metallurgical and Mechanical Properties of fabricated components.
- Broad area of Research:** Manufacturing/Production Engineering
- Sponsor:** Anusandhan National Research Foundation, New Delhi.
- Project Position and Number:** Junior Research Fellow (JRF)/ Project Associate-I (PA-I)-01
- Qualification for JRF:** Post Graduate Degree in Basic Science OR Graduate/Post Graduate in Degree in Professional Course selected through a process described through any one of the following:-
 - Scholars who are selected through National Eligibility Tests- CSIR –UGC NET including lectureship (Assistant Professorship) and GATE.
 - The Selection process through National level examinations conducted by central Government departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, IIT, IISc, IISER etc.

Qualifications for PA-I: B. E/ B. Tech in Mechanical Engineering with minimum of 65% marks or 6.5 CGPA from a recognized University OR M.E/M.Tech in Manufacturing OR in any other related specialization with 65% marks or 6.5 CGPA.

- Emoluments:**
 - JRF: 37,000+ HRA (first 2 years) & 42,000+ HRA for (Last 1 years) (Valid Gate/NET score)
 - PA-I: 30000+ HRA (first 2 years) and 33000+ HRA for (Last 1 years) (No Gate/NET score)
- Duration:** 3 years (Initially for one year, and up gradation will be done based on satisfactory performance)
- Job description:** The JRF involved will work on the broader areas of research and development relating to the project. The JRF involved may be allowed to join the Ph.D. programme, subject to the eligibility criteria as per NIT Patna, Bihar, India.
- Date of Interview:** The date of interview will be communicated to the shortlisted candidates by E-mail.
- How to Apply?** Interested and motivated applicants should submit their application form consisting of the details mentioned below via., email (yogesh.me@nitp.ac.in) or by post:
 - Application forms stating their interest in applying for the mentioned project
 - Complete curriculum vitae and self-attested photocopies of all testimonials/ mark sheets
 - Relevant certificates
 - Experience certificates

All documents should reach out to PI, **Dr. Yogesh Kumar**, Department of Mechanical Engineering, National Institute of Technology Patna, Ashok Rajpath, Patna, Bihar-800005, India/or by Email id: **yogesh.me@nitp.ac.in** latest by 30th April 2025. (Only selected candidates will be called for an interview. Selected candidates will be intimated by email for an interview).

No TA/DA will be provided for attending the interview.

Yogesh Kumar

Dr. Yogesh Kumar
(PI Project)



Department of Mechanical Engineering
NATIONAL INSTITUTE OF TECHNOLOGY PATNA
ASHOK RAJPATH, PATNA - 800005, BIHAR

Application form for the post of PA/JRF for ANRF Sponsored Project

Personal Details:

Full Name (In Capital)				Paste here your recent passport size colour photograph
Date of Birth (DD/MM/YY)		Category (General /SC/ST /OBC/EWS)		
Age (in Years)		Gender (Male/Female)		
Marital Status (Single/Married)		Nationality		
Address for the communication		Permanent Address		
Mobile/Phone No.		Email:		

Details of school/ University/Institute Studied (From Matriculation Onward):

S. N	Degree	Discipline	University/ Institute	Regular/ Part-time	Year	% Marks/CGPA	Division
1.							
2.							
3.							
4.							
5.							

Details of GATE or equivalent examination qualified in past:

GATE or equivalent Examination	Branch	Year	Percentile (with Score)	All India Rank

Professional Experiences (Teaching/ Research/ Industrial etc.) if any:

Name of Organization	Designation	Nature of Work	From	To

Research Publication (If any):**Awards, patents, prizes etc (if any):****Any other Relevant Information:****References:**

SN.	Name, Designation and affiliation	Email id and contact number
1		
2		

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of knowledge and belief. If selected, I promise to abide by the rules and discipline of the Institute. I note that the decision of the Institute is final in regard to selection for assignment to a particular Department and field of study. The Institute shall have the right to expel me from the Institute at any time without notice, if false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place:

Date:

Name & Signature of Applicant