



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

ADVERTISEMENT NO: R&D/775/PAC/417

DATED: 15.10.2024

Project No. R&D/SP/EE/PAC/2022-23-/775

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 :.....JRF.....
- (b) Number of Post : .....01.....
- (c) Duration of the Post : .....3 month ( Extendable to 6 month)

2. Name of the temporary research project :Performance Analysis of AC-AC Converter fed Induction Motor Drive Under Voltage Sag and Unbalanced Grid

3. Name of the sponsoring Agency:.....DST.....

4. Consolidated Fellowship/Salary:.....Rs. 33480.....

5. Qualifications & Experience: Mtech with valid GATE score and B.Tech with 1 year experience in Motor , controller design.

The candidate desirably should have M.Tech with valid GATE B.Tech with 1 year experience in motor control and design degree with a minimum CPI of 0.6 or 60% of marks. The upper age limit for applying for the JRF position shall be 3 month ( Extendable to 6 month). Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules. Working/research experience in the field of Power Electronics and Drives will be given preference.

Interested and eligible candidates may appear for the **WALK-IN INTERVIEW (Online and Offline)** on 24-10-2024 at 10.30 **am** at Dr. **Ranjan Kumar Behera**, Dept. of Electrical Engineering, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

For any query contact Investigator(s) : **Dr. Ranjan Kumar Behera, Dept. of Electrical Engineering, IIT Patna, Emails: rkb@iitp.ac.in** Tel.: 0612-3028050.

**Deputy Registrar**

Copy to:

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



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**FORMAT OF APPLICATION FOR JRF**

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

**Educational Qualification**

<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of Marks/CPI</b>
	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		

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

Date:

Place:

Signature of applicant