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

**ADVERTISEMENT NO: R&D/1641/AOG/636** **DATED: 12.11.2026**

**Project No.:** R&D/SP/EE/AOG/2026-27/1641

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 : 01

(c) Duration of the Post : Initially 01 year and can be extended up to 03 Years or till completion of project (whichever is earlier) subject to satisfactory performance.

(**Note:** JRF may be inducted into the PhD programme of Dept. of Electrical Engineering, IIT Patna)

**2.** Name of the temporary research project : An Off-Grid Solar PV Powered Hybrid AC/DC Distribution System using Compact and Reliable Power Converters

**3.** Name of the sponsoring Agency : ANRF, Govt. of India

**4.** Consolidated Fellowship/Salary : 37,000 + HRA (as applicable) for the first two years and 42,000 + HRA (as applicable) for the third year

**5.** Qualifications & Experience :

The candidate should desirably have **M.Tech** (Power Electronics & Drives, EE) degree with a minimum CPI of **7.0** or **70%** of marks. The candidate with valid GATE qualification or CSIR NET(JRF/LS) or equivalent are eligible to apply. The upper age limit for applying the **JRF** position shall be **28** years. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules.

Working/research experience in the field of **Design of Power Converters & Control, Solar PV Power generation, Battery Management, and AC/DC Microgrids** will be given preference.

**6.** Job Description **:** The candidate will be expected to conduct research work assigned by the PI, and assist in various phases of research project.

**Application procedure to be followed**:

1. Interested candidates are requested to submit the application form (Page 3) along with an updated resume on/before **27-Nov-2026** by emailing it to **Dr. Bussa Vinod Kumar, Dept. of Electrical Engineering, IIT Patna** (Email ID: **vinod.bussa@iitp.ac.in**).

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2. The subject of the email should read as "**Application for the JRF Position for Project No: AOG 1641**". The last date for receiving the application is **27-Nov-2026**.
3. The email MUST include the scanned/pdf copy of duly filled application form (see page 3 for the format) with candidate's signature.
4. The email MUST include scanned pdf copy of all supporting documents (certificates, mark-sheets, valid NET-JRF/LS, GATE scorecard, and updated CV).
5. IIT Patna reserves the right to disqualify any candidate in case the email does not contain complete information backed up by supporting documents as listed above.

All candidates who apply *via* email by **27-Nov-2026** are shortlisted and will be informed about the further details of selection process (interview, no TA/DA would be provided) *via* email by **30-Nov-2026**. Interested candidates may also contact **Dr. Bussa Vinod Kumar** (vinod.bussa@iitp.ac.in) for further details.

**Important Dates**:

1. Last date of receiving applications by email: **27-Nov-2026**.
2. Shortlisted candidates will be informed by email: **30-Nov-2026**.
3. Date of Interview: **Second week of December, 2026**

For any query contact Investigator: **Dr. Bussa Vinod Kumar** (vinod.bussa@iitp.ac.in)

**Assistant Registrar (R&D)**

Copy to:
1. Associate Dean, R&D, IIT Patna
2. All other IITs /NITs /Universities
3. Advertisement file
4. Project file

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**PROJECT CODE: R&D/SP/EE/AOG/2026-27/1641**

**ADVT NO: R&D/1641/AOG/636** **DATED: 12.11.2026**

**FORMAT OF APPLICATION FOR JUNIOR RESEARCH FELLOW**

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

**Educational Qualification**

| **Institute/ Board** | **Exam Passed** | **Year of Passing** | **% of Marks/CPI** |
|---|---|---|---|
| | 10th Class | | |
| | 12th 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: