



मौलाना आजाद राष्ट्रीय प्रौद्योगिकी संस्थान भोपाल  
भोपाल, मध्य प्रदेश, 462003

Maulana Azad National Institute of Technology Bhopal  
Bhopal, Madhya Pradesh, 462003

ADVERTISEMENT NO: Project/ANRF/MME/7964-1

Dated: 20/06/2025

**WALK-IN INTERVIEW**

**Advertisement for research project position (JRF)**

Department of Materials and Metallurgical Engineering, MANIT, Bhopal

**CALL FOR JUNIOR RESEARCH FELLOW (JRF) FOR RESEARCH PROJECT SCHEME FUNDED BY ANRF**

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) for a period of three years (initially for one year) under the ANRF funded project entitled " **Development of High-Performance Zr-Co Rare-Earth-Free Hard Magnetic Compositions for Advanced Applications** " vide sanctioned file no. ANRF/IRG/2024/000127/ENS dated 25-03-2025.

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Title    | <b>Development of High-Performance Zr-Co Rare-Earth-Free Hard Magnetic Compositions for Advanced Applications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Project Duration | 3 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| No. of Position  | 1 (One)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Fellowship       | Rs. 37,000/- per month + HRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Eligibility      | (1) First class with not less than 60% aggregate / 6.5 CGPA (on a 10-point scale) in B.Tech/B.E. in Metallurgical Engineering / Mechanical Engineering/ Materials Science/ Energy Engineering and allied disciplines and First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) in M.Tech in relevant disciplines.<br><b>or</b><br>(2) B.Tech/B.E. in Metallurgical Engineering / Mechanical Engineering/ Materials Science/ Energy Engineering and allied disciplines with at least a CGPA of 7.5/10 or 70% of marks<br><b>or</b><br>(3) First class with not less than 60% aggregate / 6.5 CGPA (on a 10-point scale) M.Sc. Physics and allied disciplines<br><br><b>** (Furthermore, the selected candidate will have the opportunity to enroll in the Ph.D. program at MANIT Bhopal as per the institute norms)</b> |
| Desirable        | <b>GATE/ NET</b> Qualification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Project Area     | Solid State Physics and Magnetism, DFT modelling & simulation, Experimental: Materials synthesis and characterization.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Age limit:       | Should not be over <b>35 years</b> as on the date of advertisement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**Tentative date and time of the Walk-In Interview:**

Date of walk-in interview: 07/07/2025 (Monday)

Reporting Time: 09:30 a.m.

Venue: MME Department office, Ground Floor, Department of Materials and Metallurgical Engineering, MANIT Bhopal.

**How to Apply:**

Interested candidates shall appear for the walk-in interview with the duly filled application form in the prescribed format, along with all original documents and self-attested photocopies of relevant certificates, as per the above schedule, at the MME department office, Ground Floor, Department of Materials and Metallurgical Engineering, MANIT Bhopal, Bhopal (M.P) - 462003.



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Bhopal, Madhya Pradesh, 462003

**Terms and Conditions:**

- Candidates are required to appear for the interview with duly filled application form, curriculum vitae, all relevant original certificates with a set of self-attested photocopies and two passport size photographs. CV should include complete information such as academic grades/percentage starting from X<sup>th</sup> standard onwards with the details of year of passing, university or college, GATE score with year, discipline, marks, All India Rank, contact details and a valid email ID. Kindly mention the work experience in detail of the related field. Incomplete applications will be rejected.
- Only those candidates who are present before the reporting time on the scheduled date will be considered for the Interview. Candidates reporting after the scheduled reporting time for document verification shall NOT be eligible to appear for the Interview.
- MANIT Bhopal has the right to cancel the recruitment for the aforesaid post at any time without providing any clarifications/information.
- No interim correspondence will be entertained and canvassing in any form will lead to disqualification.
- No TA/DA will be paid for attending the Walk-In-Interview.
- The post is purely on a temporary basis and the Institute will not have liability whatsoever for sustaining temporary staff recruited under the above-mentioned project, after its completion/termination.
- In case of any query related to the above project, kindly email Dr. Akash Oraon.

**Contact-**

Dr. Akash Oraon  
Assistant Professor  
Materials and Metallurgical Engineering  
Maulana Azad National Institute of Technology Bhopal 462003  
Email: [akashoraon1208@gmail.com](mailto:akashoraon1208@gmail.com)  
Phone: 9800181026



**Maulana Azad National Institute of Technology, Bhopal**  
**Application for the post of JRF for research project scheme funded by ANRF**

**Personal Details**

|                                 |  |
|---------------------------------|--|
| Name of the Applicant           |  |
| नाम (हिंदी में)                 |  |
| Category<br>(Gen/EWS/OBC/SC/ST) |  |
| Gender                          |  |
| Age                             |  |
| Marital Status                  |  |
| Correspondence address          |  |
| Email id                        |  |
| Mobile Number                   |  |

|                              |
|------------------------------|
| Paste Passport Size<br>Photo |
|------------------------------|

**Educational Qualifications**

| Degree            | Subjects/Specialization | Division | Percentage | Year of Completion |
|-------------------|-------------------------|----------|------------|--------------------|
| 10 <sup>th</sup>  |                         |          |            |                    |
| 10+2/Intermediate |                         |          |            |                    |
| BE/BTech          |                         |          |            |                    |
| ME/MTech          |                         |          |            |                    |
| Others, if any    |                         |          |            |                    |
| Experience        |                         |          |            |                    |

**Other details**

|                                                |  |
|------------------------------------------------|--|
| GATE/NET, examination details                  |  |
| Knowledge of any simulation tools/give details |  |
| Publication details, if any                    |  |

**I agree with the following terms and conditions:**

- No TA/DA will be paid to attend the interview.
- The above position is purely temporary and contract basis and co-terminus at any time from the project without any notification.
- Continuation will depend on the satisfaction of research performance.
- If selected, I will not be permitted to claim for any regular/part time appointments in the institute.
- Canvassing in any form will disqualify my candidature.

The filled-in application form, curriculum vitae, and a set photocopy of the relevant documents are attached along with this form.

Date-  
Place-

Signature of the Applicant