



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Advertisement for the Post of Research Associate-I (01 Positions) for ANRF-ARG Project LINKS: Language Infrastructure and Networked Knowledge Systems

Applications are invited from eligible and motivated candidates for **one (01) positions of Research Associate-I** under the **ARNF-funded project, LINKS (Language Infrastructure and Knowledge Systems)** in the **Department of Chemistry**. The project aims to build **integrated, modular, and FAIR-aligned digital infrastructures for Indian languages** based on the principles of **Open Access, Bibliodiversity, and Interoperability**.

Position Details: Responsibilities

- Develop and apply Machine Learning and NLP methods to multilingual textual corpora.
- Build and evaluate language-processing pipelines, models, and tools.
- Work with scholarly publishing data, metadata standards, and FAIR-compliant infrastructures.
- Contribute to APIs, corpora, digital resources, technical reports, and research publications.

Essential Qualifications

- **Ph.D.** in Computational Chemistry/Physics/Material Science, Computer Science, Artificial Intelligence, Data Science, or a related discipline.
- Experience in **Machine Learning and/or Natural Language Processing**.

Desirable Qualifications

- Proficiency in **Python** and NLP/ML frameworks.
- Experience with **Deep Learning, corpus development, annotation, information retrieval, or multilingual language technologies**.
- Familiarity with **metadata standards, persistent identifiers, FAIR principles, and scholarly publishing workflows**.
- Good academic writing and communication skills; good publications will be an added advantage.

Duration

Initially for **one year**, extendable upto **2 years** based on performance, project requirements, and availability of funds.

Interested candidates should email a single PDF file containing:

- Updated CV
- Cover letter describing relevant experience and research interests
- Copies of degree certificates and mark sheets
- List of publications (if any)
- Contact details of **two referees**
- The PDF should be emailed to Professor Biswarup Pathak, Department of Chemistry (email: biswarup@iiti.ac.in) with the subject line: *Application for Research Associate-I (LINKS Project)*

Important Dates

- **Last date for application:** 25th July 2026 or till the position is filled
- Only shortlisted candidates will be contacted for an interview.
- IIT Indore reserves the right not to fill the position if suitable candidates are not found.

Complete details of NET/GATE such as year of passing/validity, discipline, marks, **All India Rank** should be mentioned in the CV. Incomplete applications will be rejected. Only shortlisted candidates will be intimated by email for an interview. No TA/DA will be paid for appearing in the interview. Last Date of Application: July 25, 2026 (**or till the position is filled**)