



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ),
धनबाद – 826004, झारखण्ड, भारत
Indian Institute of Technology (Indian School of Mines),
Dhanbad – 826004, Jharkhand, India
Website: <http://www.iitism.ac.in>

Date: 01.02.2018

Advertisement for Walk-in-Interview

Advertisement for the post of Project Fellow/Senior Research Fellow (SRF) (04 Nos)
Junior Research Fellow (JRF) (02 Nos.) for Project no. CIL (8)/2017-
2018/539/CHEMICAL ENGG

Date and Time of Walk-in-Interview: February 16, 2018 (Friday), 10:00 am to 02.00 pm

Venue: At the Conference Room, Chemical Engineering, IIT(ISM) Dhanbad.

Applicants are requested to come along with self-attested copies of supporting documents with complete bio-data (including Contact no./E-mail ID/experience) for the full-time posts of Project Fellow/Senior Research Fellow (SRF) and Junior Research Fellow (JRF) in a CIL sponsored R&D project. The details of the post and project are as under:

Name of the project [Project No.].	High Ash Coal Gasification and Associated Upstream and Downstream Processes (Coal to Chemicals, CTC). [IIT(ISM) Project no.: CIL (8)/2017-2018/539/CHEMICAL ENGG].
Post	<ul style="list-style-type: none">• Project Fellow/Senior Research Fellow (SRF) (04 Nos)• Junior Research Fellow (JRF) (02 Nos.)
Nature of post	The positions are purely temporary and are co-terminus with the project. The PI and Institute reserves the right to terminate the engagement of the Project Fellow/Senior Research Fellow (SRF) and Junior Research Fellow (JRF) earlier if the performance is not satisfactory.
Duration of Project	The fellowship/stipend is tenable for a period of maximum of 30 months.
Period of Appointment	Appointment in the post of Project Fellow/Senior Research Fellow (SRF)/Junior Research Fellow (JRF) is for a period of maximum of 30 months. The appointment may be terminated earlier if the progress is found to be unsatisfactory.
Principal Investigator & Coordinator	Professor I.M. Mishra, Principal Investigator, Department of Chemical Engineering Indian Institute of Technology (Indian School of Mines), Dhanbad-826004

Handwritten signature and date:
2/2/18

Postal and E-mail Address for all communications	Prof. Vineet Kumar Co-Investigator, Department of Chemical Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad-826 004 (Jharkhand) E-mail: vk.chemical@gmail.com and vineet@iitism.ac.in Mobile: 9472738865
Qualifications	<p>Project Fellow (PF)/ Senior Research Fellow (SRF) will have the minimum qualification of B.Tech (with experience)/M.Tech/ M.Sc/M.Sc.Tech in Chemical Engg, Chemistry (including Applied Chemistry), Applied Geology, and allied disciplines with requisite experience as per guidelines of the Institute.</p> <p>Junior Research Fellow (JRF) may have the qualifications of B.Tech in Chemical Engg./M.Sc in a relevant area.</p> <p>The PFs/SRFs/JRFs will assist in the project work, preparing specification of equipment's/ instruments, designing various units, doing purchase formalities, erection, commissioning, operation of equipment /instruments/experimental apparatus. They will also carry out job as those envisaged for Project Fellows/ SRFs as per decisions of the Investigating team.</p> <p>The PF/SRF/JRF may pursue Ph.D. at IIT(ISM) Dhanbad subject to Institute rules and regulations in force. They may also be considered for joint PhD programme between IIT(ISM) Dhanbad and an Australian University.</p>
Research Areas (Project/PhD)	<p>Following are the major thematic areas of research for PF/SRF (4 nos.) and JRF (02 nos.):</p> <p>Detailed characterization of coal (Lithotypes/Micro-lithotypes/Macerals) and other physico-chemical/combustion properties, Advanced waste water treatment, Coal gasification, Gas purification, Hot gas filtration, Catalyst development and catalytic reaction engineering, Coal to methanol and other value added chemicals, Mathematical modeling and simulation, COMSOL Multiphysics.</p> <p>Any other topic for the post of PF/SRF/JRF that is related to the project.</p>
Fellowship/Stipend (as per IIT(ISM) rules	<ul style="list-style-type: none"> • Project Fellow (PF)/ Senior Research Fellow (SRF): Rs. 28,000/month (consolidated) + HRA • Junior Research Fellow (JRF): Rs. 25,000/month per month (consolidated) + HRA
Application Procedure	Applicants interested in Walk-in-Interview are requested to fill out the online form at the following link: http://bit.ly/coal2chemicals

28/02/18

Note:

- Candidates should appear in the Walk-in-interview **in person** with originals of degree certificates (one set of photocopies of all documents), and proof of date of birth along with any other relevant information (like copies of publications, awards, recommendations etc.). Those employed should bring the previous appointment letter(s)/experience certificate(s).
- The posts are purely temporary and full-time and may involve travel to different places.
- **No travelling or any other allowances (TA/DA) is admissible for attending the interview.**
- **No Candidate will be considered in absentia.**

I.M. Mishra
01/01/18

(I.M. Mishra)

Principal Investigator

Department of Chemical Engineering

Indian Institute of Technology (Indian School of Mines), Dhanbad-826004

Phone : 0326-2235684 ; Fax : 0326-2296616