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Date: January 31, 2020

Advertisement for Walk-in-Interview for the position of Junior Research Fellow (JRF) under the Project “Thermoresistant Polymer-Derived Microporous Ceramic Membranes for Separation of Hydrogen and Carbon Monoxide/Carbon Dioxide in Hydrogen Production”

Applications are invited for the position of Junior Research Fellow (JRF) to work in the Department of Science & Technology (Technology Mission Division: Energy, Water & Others), GoI sponsored project (No. DST/TMD/HFC/2K18/40) titled “Thermoresistant Polymer-Derived Microporous Ceramic Membranes for Separation of Hydrogen and Carbon Monoxide/Carbon Dioxide in Hydrogen Production” under the supervision of undersigned. The position is temporary for up to 3 years and is available immediately. The selected candidate may be allowed to register for PhD program as per the existing institute norms. The aim of this project is - Separation of hydrogen and carbon monoxide/carbon dioxide for production of pure hydrogen using novel polymer-derived microporous ceramic membranes.

Post: Junior Research Fellow (JRF)

Position: 1 JRF

Emoluments: As per DST norms (JRF fellowship shall be Rs. 31000/- per month for first two years and Rs. 35000/- per month for third year onwards in addition 8% HRA would be provided according to the Institute norms).

Essential Qualifications:

- i. M.Tech./M.E./M.S. in Metallurgical/ Materials/ Ceramic/ Chemical/Energy Engineering or Nanotechnology or related discipline with CGPA of 6.5 or higher (60% marks or higher)
(or)
B.Tech./B.E. in Metallurgical/ Materials/ Chemical/Energy Engineering or related discipline with CGPA of 6.5 or higher (60% marks or higher)
(or)
M.Sc. in Chemistry/Nanoscience or related discipline with CGPA of 6.5 or higher (60% marks or higher)
- ii. GATE or CSIR-UGC NET Qualified

Desirable Candidate: The candidates who have earlier worked on porous membrane development, gas permeance system, structural characterization of polymeric materials using NMR/Raman or relevant characterization techniques will be given a preference.

Duration: 3 years or till the completion of the project, whichever is earlier. However, after every year, the progress of the candidate will be reviewed for further extension.

Application Process:

Candidates have to present themselves for the interview on the interview date with hardcopy of filled in application form (given in the following sheet) and original/attested photocopies of mark sheets/ certificates in support of their academic qualifications. Application form as a word document can also be downloaded – click [Application Form](#). *Interested Candidates can also send their application form by email in advance (preferably by February 14) to Ravimohan.prasad@iitrpr.ac.in*

Date of walk-in-interview: February 18, 2020 (Tuesday)

Reporting Time: 11:00 AM

Venue: Room No - 113, Satish Dhawan Block, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Ropar, Birla Seed Farm, Rupnagar-140001, Punjab, India | Google Maps Link – Click [Here](#)

Please note that no TA/DA will be given to the candidates attending the interview.

For any related query, please contact by email to Ravimohan.prasad@iitrpr.ac.in (contact no: 01881-232405) with subject as JRF_IIT Ropar_MembraneForHydrogenSeparation

Project In-charge:

Dr. Ravi Mohan Prasad (PI) Department of Metallurgical and Materials Engineering, Indian Institute of Technology Ropar	Dr. Manoj Kumar Pandey (Co-PI) Department of Chemistry, Indian Institute of Technology Ropar
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Professional Experience (If Any)

S. No	Designation	Name of Organization	Period		Nature of Work
			To	From	

Research Publications (If Any):

[Also attached softcopy of conference/journals papers separately (if applicable)]

Awards, Patents, Prizes etc (If Any):

Any other Relevant Information:

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for the advertised position, I promise to abide by the rules and discipline of the institute. I note that the decision of the Institute is final in regard to selection. The institute shall have the right to expel me out from the institute at any time after my selection, provided it is found that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that, I shall abide by the decision of the Institute, which shall be final.

Place:.....

Date:

Signature of Applicant