



INDIAN INSTITUTE OF TECHNOLOGY ROPAR
Nangal Road, Rupnagar, Punjab-140001

ADVERTISEMENT FOR THE POST OF PROJECT ASSOCIATE-I (PA-I)

Applications are invited from interested and motivated candidates for the post of Project Associate-1 (PA-1) in a time bound research project for a temporary period, purely on contractual basis as per the following details.	
Position	Project Associate-I (PA-I)
Number of Vacancy	1
Project Title	Production of propylene and hydrogen via propane dehydrogenation: catalyst and process development at bench scale
Department	Chemical Engineering, IIT Ropar
Project Tenure	3 Years
Job Description	<p>Catalyst deactivation by coking spans the oil refining industry. It is well known that coking impacts the surface area and pore size distribution of catalysts. The project will work on the development of appropriate regeneration protocols for catalysts employed in propane dehydrogenation to ensure extended life for catalysts.</p> <p>Desirable skills:</p> <ul style="list-style-type: none"> • 2 years' experience in handling high pressure, high temperature reactors • Experience in fabrication and setting up bench-scale reactors • Synthesis and characterisation of heterogeneous catalysts • Performing catalyst deactivation studies and determining deactivation mechanisms • Creating chemical process simulation models on process simulator packages • Modelling reaction kinetics • Development of novel downstream applications of the process. • Proven scientific writing skills and a strong knowledge of engineering principles
Essential Qualification	<p>BTech/BE or MTech/ME in Chemical Engineering from a recognized University or equivalent.</p> <p>Candidates with master's degree in chemical engineering and relevant experience as detailed in the job description will be given preference.</p>
Age Limit	PA-I-35 Yrs., relaxation as per Government norms
Age relaxation	The upper age limit is relaxable up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	<p>i. Rs. 31,000/-+ HRA to scholars who are selected through</p> <p>a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or</p> <p>b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.</p> <p>ii. 25000/- +HRA for others who do fall under (i) above</p>

The engagement will be initially for a period of 12 months which may be extended or curtailed depending on the duration of the tenure of the sponsored project/satisfactory performance or conduct of the appointee; as the case may be. The engagement will be purely on temporary basis and shall not be an IIT Ropar appointment, temporary or otherwise and shall not entitle the appointee to any right/claim whatsoever, implicit or explicit, for his/her consideration against any IIT Ropar post/fellowship.

How to Apply:

1. Eligible candidates are required to apply ONLINE only through the below given application form.
2. Completely filled application form (as given below) along with biodata/CV, and testimonials (marksheets, transcripts, experience certificates, valid category certificate, if applicable) may be emailed together as a single PDF document to navin.gopinathan@iitrpr.ac.in
3. The subject line for the email may be written as follows: **PDH-Project Associate-1-Application-First Name-Second Name**
4. Candidate should have a valid email before applying online.
5. Readable scanned copies of Mark sheet (SSC, HSC, Graduation, Master, PhD, etc.) should be submitted along with the application (as stated above)

Other details:

The application should be received before **5 PM, 09/06/2023**. Late applications will not be considered.

The prescribed educational qualifications are a bare minimum and mere possession of the same will not entitle candidates to be called for interview. Where the number of applications received in response to this notice of engagement is large, it may not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader may restrict the number of candidates to be called for interview to reasonable limits after taking into consideration qualifications and experience over and above the minimum qualifications prescribed in the Notice. Therefore, it will be in the interest of the candidates to mention all qualifications and experience in the relevant field as on the date of advertisement.

All shortlisted candidates will be required to appear before the Selection Committee for an online interview. The URL link for online interview will be provided to shortlisted candidates. No interview call letter will be issued separately.

Selected candidates will have to join duty immediately on receipt of the offer of engagement.

APPLICATION FORM

Personal Details

Full Name (in capital letters)				
Date of Birth (DD/MM/YYYY)		GENDER		Affix a recent passport size photograph
Category (attach valid certificate, if applicable)		Marital status: (Single/ Married)		
Permanent Address		Address for communication		
Mobile No.	Email:			

Details of School/College/Institute/University studied (from Matriculation onwards)

Degree	Discipline	School/College/Institute/University	Regular/Part-time	Year graduated	% Marks/CGPA

Qualifying Examination (GATE/NET or other as applicable) *

Qualifying examination	Branch	Year	All India Rank	Score	Valid upto (DD/MM/YYYY)

*Essential for the position of PA-1

Professional Experiences (Teaching /Research/Industrial), if any

Name of the organization	Designation	Nature of work/ Responsibilities	Start date (DD/MM/YY)	End date (DD/MM/YY)

Research Publication(s), if any (Please use the IEEE style for the bibliography)

- 1.
- 2.
- 3.

Other relevant information (such as details of project/experience/awards/patents, if any)

- 1.
- 2.
- 3.

Referees (Please provide details of at least 2 referees)

Name	Current position and Affiliation	Email ID	Mobile number	Relation with the applicant

DECLARATION

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

Signature of Applicant

Date:

Name: