

No.: Advt/ IITT/CSRC/2025-26/14

Date: 16-09-2025

Applications are invited from eligible Indian national for the post of **Project Associate-I** in a time-bound Department of Science and Technology project undertaken in the **Department of Chemical Engineering**.

Temporary Position	Post Name: - <b>Project Associate-I</b>
Essential Qualification	<b>B.E./B. Tech. in Chemical/Petroleum/Material Science/allied Engineering</b> with a minimum of <b>CGPA 7</b> (or marks 70%) <b>Relaxation</b> in CGPA (% marks):- 0.5 CGPA (5 % marks) for OBC/EWS and 1.0 CGPA (10 % marks) for SC/ST/PWD
Project No.	CHE2526004DSTXNILE
Project Title	Gas hydrate-based CO <sub>2</sub> capture & storage along with blue H <sub>2</sub> production from PSA tail gas of Steam Methane Reforming plant in Petroleum refineries
Sponsoring Agency	Department of Science and Technology
No. of positions	1
Monthly Salary	INR 31000 + HRA as applicable
Principal Investigator (IITT)	Dr. Nilesh Choudhary
Department	Chemical Engineering
Project Duration	<b>3 Years</b>
Tenure of Assignment	Initially 1 year, yearly extendable, subject to satisfactory performance and project duration
Brief Project Description and Nature of Work	<ul style="list-style-type: none"> <li>• This project requires an interested candidate ready to learn and work on <b>Molecular simulations, Thermodynamic modelling, optimization and Machine learning, Aspen Modelling and economic analysis.</b></li> <li>• Possibility of continuing it as research in the MS-Research program, subject to performance and the program's essential requirements.</li> </ul>
Age Limit	Age limit - Not more than <b>28 years</b>
Last date of application	30 <sup>th</sup> September 2025
Additional Note	(1) Self-attested academic certificates and transcripts from <b>X class to date.</b> (2) A copy of the current <b>CV</b> , a copy of the Statement of Purpose ( <b>SOP</b> ) and <b>motivation letter.</b> (3) <b>Reference details</b> (either former academic faculty or project supervisor).
Mode of Selection	1. Shortlisting based on CV, SOP and motivation letter 2. Online interview of the shortlisted candidates. No TA/DA will be paid for the shortlisted/selected candidates. 3. Candidate needs to join duty within 7 days of intimation of selection by the committee
Application Link	<a href="https://forms.gle/Jdkm9d3jwoPim44V7">https://forms.gle/Jdkm9d3jwoPim44V7</a>

Eligible candidates must send their detailed CV (maximum 2 to 3 pages) specifying the qualifications and experience with scanned copy of experience certificate and marksheets from class X till date. A copy of the Statement of Purpose (SOP) and motivation letter. (3) Reference details (either former academic faculty or project supervisor). The shortlisted candidates will be informed by E-mail only. Selection will be based on the qualifications, experience and in-person interview at IIT Tirupati. No TA/DA shall be paid to candidates appearing for an interview. The interview date will be notified to the shortlisted candidates by email. For any queries send mail to [mailto:csrc\\_recruitment@iittp.ac.in](mailto:csrc_recruitment@iittp.ac.in). IIT Tirupati also reserves the right to discontinue the position with 1 month notice if the performance is not satisfactory.

Dean-CSRC