

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली
हौज खास, नई दिल्ली -110016
(औद्योगिक अनुसंधान एवं विकास इकाई)
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi-110016
(Industrial Research & Development Unit)

No. IITD/IRD/RP04823G_SN/ 472646

Dated:05/01/2026

Advertisement No.: IITD/IRD/004/2026

Applications from Indian nationals are invited for project appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Title of the Project	Integration of CCU in the coal-to-methanol pilot plant: Bridging the gap to net zero (Joint project of IIT Delhi and M/s Thermax Pvt. Ltd.) (RP04823G_SN)	
Funding Agency	DEPARTMENT OF SCIENCE & TECHNOLOGY	
Name of the Project Investigator	Prof. Divesh Bhatia/ Prof. Manjesh Kumar [email ID: manjeshkumar@iitd.ac.in]	
Deptt./Centre	Dept. of Chemical Engineering	
Duration of the Project	Upto:22/07/2027	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Sr. Research Fellow- (01)	Rs.42,000/- p.m. plus HRA @27%	Essential Qualifications: 1) 1st class M.Tech in Chemical / Energy/ Process / Environmental Engineering AND 1st class B.Tech in Chemical Engineering with NET/GATE qualified. 2) Experience in synthesis and characterization of metal/metal oxide catalytic systems, especially metal nanoparticle catalysts. 3) Understanding of the underlying principles of crystal growth and design to derive mechanistic insights of the synthesis process. 4) Experience in handling and operation of physisorption and chemisorption analyzers for TPD/TPR/TPO/ pulse chemisorption/BET surface area measurements, Dynamic light scattering (DLS) and master sizer for particle size measurements. 5) Experience in handling and operation of Atomic Force Microscopy equipment for imaging of titania nanosheets and zeolite crystals. 6) Experience in operating fixed bed reactor along with the working knowledge of reactors in parallel and series. Appointment is temporary and co-terminus with the project.

The candidates who are interested to apply for the above post should download **Form No. IRD/REC-4** from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. **by e-mail with advertisement No. on the subject line to Prof.Divesh Bhatia/ Prof. Manjesh Kumar at email id: manjeshkumar@iitd.ac.in**

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) alongwith the online interview details. Only short-listed candidates will be informed for online interview. In case any clarification is required on eligibility regarding the above post, the candidate may contact **Prof. Divesh Bhatia/Prof. Manjesh Kumar at email id: manjeshkumar@iitd.ac.in**

5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है। एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा। **The last date for submitting the completed applications by email is 19/01/2026 by 5.00 p.m.**

कार्यवाहक प्रमुख, आईआरडी

वितरण

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- Advertisement file
- Prof.Divesh Bhatia/Prof. Manjesh Kumar, PI, Dept. of Chemical Engineering
- Copy to Chairperson, DRC/CRC

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit To put advertisement at IITD website.