

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/RP04052G/

3/7 8/18

Advertisement No.: IITD/IRD/071/2021

Dated: 31/03/2021

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	CFD analysis of dispersion and risk assessment while using flammable refrigerants (Category A3) in split air-conditioners/heat pumps under Indian conditions (RP04052G)	
Funding Agency	Ozone Cell, Ministry of Environment, Forest and Climate Change (MoEFCC)	
Name of the Project Investigator	Prof. Krishna Kant Agrawal	
Deptt./Centre	Department of Mechanical Engineering	
Duration of the Project	Upto:27/12/2021	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Sr. Project Scientist (1)	Rs.45,000-48,200-51,400-55,400-59,400-63,400/- p.m. (consolidated)	First class M. Tech. or equivalent in Mechanical/Thermal/Energy Engineering, with preference to candidates from Combustion or Refrigeration and Air-conditioning domain. Should be having a strong demonstrated history of skills in literature review and technical writing, preferably working with industrial standards. Should be dynamic and self-motivated, able to communicate with various stakeholders in a fast-paced project and organize online seminars. Knowledge of CFD analysis is preferable.
Project Scientist (1)	Rs.35,400-37,900-40,400-43,600-46,800-50,000/- p.m. (consolidated)	First class M. Tech. or B. Tech. (with GATE qualification) or equivalent in Mechanical/Thermal/Energy Engineering, with preference to candidates from Combustion or Refrigeration & Air-conditioning domain. Should have demonstrated history of performing high-quality Computational Fluid Dynamics (CFD) simulations using commercial software (e.g. ANSYS FLUENT) of multi-component fluid systems. Should be dynamic and self-motivated, with demonstrated skills in literature review & technical writing.

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 email to Prof. Krishna Kant Agrawal at email id: [kkant@mech.iitd.ac.in](mailto:kkant@mech.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. Krishna Kant Agrawal at e-mail id: [kkant@mech.iitd.ac.in](mailto:kkant@mech.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 14/04/2021 by 5.00 p.m.** The shortlisted candidates who are called for interview should bring original certificates (both professional and academic) with a recent passport size photograph at the time of interview.

सहायक कुलसचिव, आईआरडी

#### वितरण

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- Advertisement file
- Prof. Krishna Kant Agrawal, PI, Department of Mechanical Engineering
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

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.