

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/RP04456G/ 130359

Dated:06/03/2023

Advertisement No.: IITD/IRD/052/2023

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।

Project description: This project aims to use AI/ML techniques to predict weather and climate over India at a range of temporal ranges – from synoptic scale to S2S and seasonal. Another important target of the project is to use AI/ML to improve the existing numerical weather prediction models. The JRFs and RA recruited in this project are expected to be proficient in programming using Python/MATLAB and AI/ML.

Title of the Project	Improving FORcasts with Machine Learning (IMFORMAL) (RP04456G)	
Funding Agency	Ministry of Earth Science	
Name of the Project Investigator	Prof. Krishna Mirle Achutarao [email ID: sandeep.sukumaran@cas.iitd.ac.in]	
Dept./Centre	Centre for Atmospheric Sciences (CAS)	
Duration of the Project	Upto:12/01/2026	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (03)	Rs.31,000/-p.m. plus HRA @ 24%	M.Sc. in Atmospheric Sciences/Oceanography/Earth Sciences/Physics/Mathematics/Equivalent with first class and NET/GATE* OR B. Tech / M. Tech in Atmospheric Sciences/Mechanical/Civil/Chemical/Computer Sciences equivalent with first class and GATE* qualification. *The requirement of NET/GATE examination for the selection to the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) with a CGPA of more than 8.000 (80% aggregate marks).
Research Associate (01)	Rs.47,000-49,000-54,000/-p.m. plus HRA @ 24%	Ph.D. in Atmospheric/Oceanic Sciences/Mechanical/Civil/Chemical/Computer Sciences with first class in the preceding degree OR M. Tech in Atmospheric Sciences/Mechanical/Civil/Chemical/Computer Sciences/Equivalent with first class and 3 years of relevant research experience.

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. Sandeep Sukumaran at email id:sandeep.sukumaran@cas.iitd.ac.in with cc to Prof. Hariprasad Kodamana (kodamana@chemical.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. Sandeep Sukumaran at email id: sandeep.sukumaran@cas.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 31/03/2023 by 5.00 p.m.

सहायक कुल्सचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units :
- Webmaster, IRD
- Notice Boards
- Advertisement file
- Prof.Krishna Mirle Achutarao, PI, Centre for Atmospheric Sciences (CAS)
- Pro. Sandeep Sukumaran, CAS
- 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.

AP 07-03 2023