

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/RP03767G

Dated: 18/04/2022

Advertisement No.: IITD/IRD/088/2022

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.

This project aims to investigate the effect of Arctic sea ice melt on monsoons and tropical cyclones. Two sets of simulations using a coupled climate model will be performed. In the first set of simulations, the model will be run with pre-industrial forcing while in the second experiment, the albedo of sea ice in the model will be decreased so that the sea ice would melt due to increased absorption of solar radiation. The two experiments will be compared to understand the effects of sea ice melt on tropical weather systems. The JRFs recruited in this project are expected to be proficient in handling of climate model outputs using Python/MATLAB/NCL software.

Title of the Project	Implications of Arctic Sea Ice Melting on Tropical Climate (RP03767G)	
Funding Agency	National Centre for Polar and Ocean Research	
Name of the Project Investigator	Prof. Sandeep Sukumaran [email ID:sandeep.sukumaran@cas.iitd.ac.in]	
Deptt./Centre	Centre for Atmospheric Sciences	
Duration of the Project	Upto:31/03/2023	
Post (s)	Consolidated Pay-slab / Fellowship	Qualifications
Jr. Research Fellow (2)	Rs.31,000/-p.m. plus HRA @ 24%	M.Sc. in Atmospheric sciences/Meteorology/Oceanography/ Physics/Mathematics/Earth Sciences with first class and a valid NET/GATE* qualification OR B. Tech/M. Tech in Atmospheric 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).

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

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. The last date for submitting the completed applications by e-mail is 01/05/2022 by 5.00 p.m

सहायक कुलसचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units : It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit
- Webmaster, IRD : To put advertisement at IITD website.
- Notice Boards
- Advertisement file
- Prof. Sandeep Sukumaran, PI, Centre for Atmospheric Sciences
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing