

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/RP05107G/ 482777

Dated: 18/01/2026

Advertisement No.: IITD/IRD/015//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	SANJEEVANI: Strategies for ActionNs to Jointly address climate change and air pollution for achieving health benefits in India (RP05107G)	
Funding Agency	I.C.M.R., New Delhi	
Name of the Project Investigator	Prof. Sagnik Dey	
Deptt/Centre	[email ID: sagnik@cas.iitd.ac.in] Centre for Atmospheric Sciences (CAS)	
Duration of the Project	Upto:09/10/2030	
Post (s)	Consolidated Pay-slab	Qualifications
Project Research Scientist -II (09) Positions (by expertise): Air Pollution Exposure Modelling using AI/ML - 02 posts Chemical Transport Modelling- 02 posts Emission Inventory Development & Source Apportionment - 01 post Environmental Epidemiology & Data Analytics – 01 posts Admin/Project Coordination/ HR - 01 post Cell Culture & Protein/Gene Expression Analyses –01 post	Rs.67,000/-p.m. plus HRA @ 30% Increment @ 5% on initial emoluments after completing two years subject to performance review	Qual. 1 st class PG Degree in relevant discipline, with three years post qualification Experience or PhD. Exp.: Demonstrated relevant experience through publications & knowledge of analytical tool (Python/R/GIS etc.).
Project Research Scientist-III (02) Positions (by expertise): Environmental Epidemiology - 01 post Air Quality Instrumentation- 01 post	Rs.78,000/-p.m. plus HRA @ 30% Increment @ 5% on initial emoluments after completing two years subject to performance review	Qual.: 1 st class PG Degree in relevant discipline with five years' experience or PhD + two years post qualification experience. Exp.: Demonstrate relevant experience through publications and proficiency in one or more analytical software (Python, R, STATA, SAS, MATLAB, and ArcGIS/QGIS etc.).
Project Technical Support-III (06) Positions (by expertise): Laboratory & Air Quality Instrument Management - 02 posts Data Processing & Analysis- 04posts	Rs.28,000/-p.m. Plus HRA @ 30%. Increment @ 5% on initial emoluments after completing two years subject to performance review	Qual: 1 st class PG Degree in Science/ Engineering (4-year UG Degree) in relevant discipline. Exp.: Demonstrated relevant experience and familiarity with any analytical software (R / Python / Advanced Excel / GIS tools etc.) will be an advantage.

The details of the minimum essential qualifications, number of sub-positions/distribution (by Expertise) and essential experience etc. may be seen as per annexures attached at page no.3 of this advertisement. The job location could be IITD Sonipat Campus.

The posts may be downgraded as per discretion of the Selection Committee if none of the candidate is found suitable for the post.

Contd....

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. Sagnik Dey at email id: sagnik@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 to Prof. **Sagnik Dey at email id: sagnik@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 e-mail is 30/01/2026 by 5.00 p.m.**

कार्यवाहक प्रमुख, आईआरडी

वितरण

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- ✓ • Advertisement file
- Prof. Sagnik Dey, PI, Centre for Atmospheric Sciences
- 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.

Name of the Post	Total No. of Positions	Pay slab	Minimum Essential Qualifications	No. of Sub-Positions / Distribution (by Expertise)	Essential Experience
Project Research Scientist II	09	Rs.67,000/-p.m. plus HRA @30%	Post Graduate Degree (MSc/MTech/MBA, etc.), including the integrated PG degrees, with three years post qualification experience or PhD.	01 – Overall Administrative Management (Human Resources & Project Coordination)	Demonstrated relevant experience in Administrative/project coordination/ HR
			Post Graduate Degree (MSc/MTech), including the integrated PG degrees in any of the discipline (Environmental Sciences / Atmospheric Sciences / Physics /	02 – Air Pollution Exposure Modelling using AI / ML	Demonstrated relevant experience through publications in the specific domain applied for, including:
				02 – Chemical Transport Models Expert	• Air pollution exposure assessment and modelling • Chemical Transport Modelling • Emission inventories and source apportionment • Environmental or public health data analysis
				01 – Emission Inventory Development and Source Apportionment	

		Applied Mathematics / Statistics / Public Health / Geoinformatics/Life sciences/Meteorology/Environmental Engineering, or any other relevant discipline), with three years post qualification Experience or PhD.	02 – Environmental Epidemiology and/or Data Analytics	Knowledge of analytical software is essential, including one or more of the following: Python, R, MATLAB, ArcGIS/QGIS etc. Other selection criteria: Excellent communication skills, including the ability to write scientific text and present data. Experience of working in a research team and contributing ideas for new research projects.
		Post Graduate Degree in Biological Sciences/ Life Sciences/ Bio medical Science/ Biotechnology with three years post qualification Experience or PhD.	01 – Cell Culture and Protein/Gene Expression Analyses	Demonstrate relevant experience through publications. Candidates with prior laboratory experience in more than one of the following listed techniques is mandatory: a) Mammalian cell culture, transfection, aseptic techniques b) Molecular biology techniques including cloning, PCR, QPCR, etc. c) Biochemistry techniques including protein isolation, immunoblotting, tissue staining techniques and microscopy. d) Previous experience with high-throughput technologies

					(transcriptomics, proteomics, and metabolomics) is preferred. The individual will be primarily responsible for cell culture work and protein/gene expression analyses. The candidate should be familiar with gain-and loss-of-function approaches using plasmids or pharmacological inhibitors/activators. Other selection criteria: Excellent communication skills, including the ability to write scientific text and present data. Experience of working in a research team and contributing ideas for new research projects.
Project Research Scientist III	02	Rs.78,000/-p.m. plus HRA @30%	Post Graduate Degree (MSc/MTech), including the integrated PG degrees in any of the discipline (Environmental Sciences / Atmospheric Sciences / Physics / Applied	01 – Environmental Epidemiology	Demonstrate relevant and advanced experience through publications in the specific domain applied for, including: • Environmental or public health epidemiology and exposure assessment • Operation, calibration, and interpretation of air quality/environmental monitoring instruments • Independent handling of datasets, analyses, and scientific outputs
				01 – Air Quality Instrumentation	

			Mathematics / Statistics / Public Health / Environmental Engineering, or any other relevant discipline), with five years' post qualification experience or PhD + two years post qualification experience.	Proficiency in analytical tools/software, including two or more from the following, Python, R, STATA, SAS, MATLAB, and ArcGIS/QGIS platforms is required. Other selection criteria: Excellent communication skills, including the ability to write scientific text and present data. Experience of working in a research team and contributing ideas for new research projects.	
Project Technical Support III	06	Rs.28,000/-p.m. plus HRA @30%	Post Graduate degree (MSc/MTech), in any of the discipline (Environmental Sciences / Atmospheric Sciences / Physics / Applied Mathematics / Statistics / Public Health / Environmental Engineering/Comp	02 – Laboratory & Air Quality Instrument Management	Demonstrated relevant experience in: • Handling and maintenance of laboratory air quality monitoring instruments OR • Processing, cleaning, management, and basic analysis of air quality, climate, or modelled exposure datasets • Familiarity with analytical software such as R / Python / Advanced Excel / GIS tools will be an advantage.
				04 – Data Processing & Analysis	

			uter Science/Life sciences, or any other relevant discipline). OR For Engineering / IT / CS - Four Years Graduate Degree (in relevant discipline)		
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IMPORTANT NOTE:

1. Consider this document for your detailed eligibility for respective posts.
2. Please specify the specific position (expertise-wise) you are applying for in the application.
3. Please be aware that the job location could be IITD (Sonipat Campus).