



Advertisement for a Post-Doctoral Research Associate at IIT Hyderabad, India

Sl. No.	Name of post	Post-Doctoral Research Associate
1	Name of PIs	Prof. Kirti Chandra Sahu and Dr. Lakshmana Dora Chandrala
2	Webpage of PIs	https://people.iith.ac.in/ksahu/index.html https://sites.google.com/mae.iith.ac.in/lakshmanachandrala/home
3	Title of the Project	Development of accurate rainfall models by studying the influence of meteorological parameters on raindrop dynamics
4	Nature of the project	Experimental Fluid Dynamics
5	Description of the project	SOCH (Stimulated Opportunities for addressing Challenges of Humanity) Project This project aims to understand how phase change, coalescence, break-up, temperature, humidity gradients, and air currents affect the hydrodynamics of raindrops, intending to integrate with weather forecasting and precipitation modelling. This is the first time in the world that we have been developing a laboratory-scale experimental facility that can account for local atmospheric conditions at various altitudes.
6	Funding Agency	IIT Hyderabad
7	Minimum educational qualification	PhD in Mechanical engineering, Aerospace engineering, Chemical Engineering
8	Salary	Rs. 55,000 + HRA (as applicable)
9	Tenure of employment	2 years (will be evaluated after one year)
10	Last date of application	21 st August 2022
11	Mode of selection	Short-listed candidates will be called for online interview
12	Tentative date of interview	Last week of August
13	Mode of application	Online Applicants are requested to fill online form and upload a full CV (with the photograph) along with relevant documents. Link of application form: https://docs.google.com/forms/d/e/1FAIpQLSeyN3DRU1hGVg9zUr0iNVS4vajm5knRmjHkuQtDWwdgYxLuw/viewform
14	For more information contact	lchandrala@mae.iith.ac.in ; ksahu@che.iith.ac.in

Note:

- PI reserves the right to alter the number of vacancies or keep it open till the deserving candidate is found.
- Interested candidates should upload their CV.
- Online interviews will be conducted for the shortlisted candidates. The online interview date will be informed to the shortlisted candidates.
- Candidates with prior experience in the relevant area will be given preference.
- Candidates who have submitted their thesis are also eligible to apply with a no objection or provisional certificate from their institute.
- Candidates may contact the PIs for further clarification.