



ADVERTISEMENT FOR
TRAINER/EDUCATOR: ROBOTICS DATA COLLECTION
IIT Mandi iHub And HCi Foundation
A Section 8 Company
Location: IIT Mandi Campus

About iHub: IIT Mandi iHub and HCi Foundation (iHub) is a section 8 company established under the National Mission on Interdisciplinary Cyber- Physical Systems (NM-ICPS). The focus area of IIT Mandi iHub is “**Human-Centered AI**” The vision of the iHub is to be an internationally recognized hub that nurtures HCi research, enables technology translation for industry, and scales skill development. The four areas of IIT Mandi iHub are Research and Technology Development, Skill Development, Incubation & Acceleration, and Collaboration. For more information, visit www.ihubiitmandi.in.

Applications are invited for the Position of [Trainer/Educator: Robotics Data Collection](#)

Location: [Anywhere within Himachal Pradesh](#)

Apply Here: <https://form.typeform.com/to/jZG5R9Ut>

The Role

The Trainer will conduct hands-on training in robotics data collection, teleoperation, embodied AI workflows, robot sensing and simulation-based data generation for AI model development.

Responsibilities:

- Deliver theoretical and hands-on training on robotics data collection methodologies, embodied AI workflows, and best practices for acquiring high-quality robot learning datasets.
- Train participants on ROS/ROS2, robot sensing technologies, and the integration of sensors such as RGB-D cameras, LiDAR, IMUs, force/torque sensors, and proprioceptive sensors for robotics applications.
- Conduct practical sessions on teleoperation systems, kinesthetic teaching, and demonstration recording, enabling learners to capture robot trajectories and task demonstrations for imitation learning.
- Teach multi-sensor synchronization, data recording, annotation, and documentation of robotics datasets, ensuring adherence to quality standards and industry best practices.
- Deliver hands-on sessions on robotics simulation platforms such as NVIDIA Isaac Sim, MuJoCo, and PyBullet, including synthetic data generation and sim-to-real workflows for embodied AI.
- Mentor and supervise learners in executing end-to-end embodied AI capstone projects, including data collection, dataset validation, documentation, and project presentation.

Qualification:

- M.Tech/MS/Ph.D. in Robotics, AI, Computer Science, Mechatronics or related discipline.
- Experience in robotics research or industrial robotics.
- Hands-on experience with ROS/ROS2.

Position	Qualification	Years of Experience
Trainer/Educator: Robotics Data Collection	•M.Tech/MS/Ph.D. in Robotics, AI, Computer Science, Mechatronics or related discipline.	•Min 3 years' experience in data annotation or AI data operations. •Min 1 year of teaching experience preferred.

Must Have Skills:

- Hands-on experience with teleoperation systems, robot learning workflows, and robotics data collection frameworks such as LeRobot and Open X-Embodiment.
- Proficiency in robotics data formats and tools, including RLDS, HDF5, ROS Bag, and ROS/ROS2 for recording, managing, and processing robot datasets.
- Experience with robotics simulation platforms such as NVIDIA Isaac Sim, MuJoCo, and PyBullet for simulation, synthetic data generation, and sim-to-real workflows.
- Strong understanding of multimodal robotics data acquisition, sensor synchronization, annotation, quality assurance, and dataset preparation for embodied AI applications.
- Excellent technical training, communication, and mentoring skills, with the ability to conduct hands-on laboratory sessions and guide learners on robotics projects.

Remuneration:

Position	Remuneration
Trainer/Educator: Robotics Data Collection	Up to INR 75,000/- per month based on experience.

Terms/Instructions:

1. *Only shortlisted candidates will be contacted/informed through email/phone.*
2. *IIT Mandi iHub and HCl Foundation reserves the right to fill up the post, not to fill up the position or cancel the advertisement in whole or part without assigning any reason. The company also reserves the right to limit the number of candidates to be called for written tests/or interviews. The decision of the company in this regard will be final.*
3. *Documentary evidence of all educational and professional qualifications will be required to be produced when specified.*
4. *The company can verify the antecedents or documents submitted by a candidate before the appointment, at the time of appointment, or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then their services shall be terminated.*
5. *If it is found later that any information given in the application is incorrect/false, the candidature/ appointment is liable to be cancelled/terminated.*
6. ***The applications will be considered till the post is filled.***

Contact us: IIT Mandi iHub and HCl Foundation, IIT Mandi, North Campus, Kamand, District Mandi, Himachal Pradesh 175005

Email: hr@ihubiitmandi.in **Website:**

www.ihubiitmandi.in

Note: All applications should be routed through the application link provided for each position in the advertisement. Email us only in case of questions