IIT Mandi iHub & HCI Foundation

Section 8 Not-for-Profit Company
Technology Innovation Hub (TIH) in Human-Computer Interaction (HCI)

Regd. Office: Indian Institute of Technology Mandi, VPO Kamand, Mandi, Himachal Pradesh, India – 175075

Call for Anubhav Fellowship

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 vision of iHub is "To be an internationally recognized hub that nurtures HCI research, enables technology translation for industry, and scale skill development". For more information, visit www.ihubiitmandi.in

Objective: To provide opportunities for undergraduate students to apply academic knowledge, develop professional skills, network with professionals, and gain a competitive edge in the job market. Additionally, offers the chance to explore different fields, discover personal interests, and make informed decisions about a future career in HCI and allied areas.

Fellowship Grant: INR 5,000 per month. If selected, the applicant cannot avail of any other fellowship in parallel.

Duration: Maximum 3 months.

Eligibility for Fellowship Programme:

- Bachelor or pursuing a bachelor's degree in Computer Science/ Electrical/Electronics/Information Technology/ Mechanical/Cognitive Science/ Life Science from a recognized University/ Institute.
- Applicants must be aspiring to work in the areas related to "Human-Computer Interaction (HCI)".
- The nationality of the candidate is not a constraint.

Selection Procedure:

- Each candidate needs to submit a proposal (maximum 2 pages) that should consist of the details of the project including

    - The aim of the project.
    - Methodology.
    - Expected deliverables.

- Any idea that has the potential to lead to a technology (start-up) is highly encouraged.

- The proposals will be shortlisted based on the eligibility criteria, feasibility, and originality of the proposal. Shortlisted applicants may be asked to present their proposals to the evaluation committee.

Benefits:

- Opportunity to apply your innovative ideas for solving real-time problems for the industries.

- Graduate fellowship will be for a period of three months with a fellowship amount of INR 5,000 per month.

- A certificate from IIT Mandi iHub and HCI Foundation (iHub) highlighting the outcome of the project.

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- Funding opportunity for creating start-ups, and incubation centers after careful evaluation of the project outcomes.

- Opportunity to enhance learning, explore entrepreneurial skills, and innovate.

- Get an opportunity to work with industries.

Project Area: The project proposals are invited from any of the technology areas mentioned below.

TIH – HCI Domain: Project proposals for the Fellowship must be in the broad area of HCI and the area of its industrial applications.

Technology Area:

- Industrial Design/Usability Engineering
- Computer Vision
- Image Processing
- Cognitive Modelling
- Artificial intelligence and Machine learning
- Natural language processing (NLP)
- Augmented reality (AR) and Virtual Reality (VR)
- Generative AI
- Social Robotics

Industry Area:

- Defence & Security
- Healthcare
- Environment & Agriculture
- Information Technology.

Functional Areas:

- Assistive Technologies.
- Experience Technologies.
- Device-led Technologies.
- Generative AI

Workplace: IIT Mandi iHub and HCI Foundation in IIT Mandi Campus/ online.

Terms & Conditions:

- iHub reserves the right to accept or reject any submission without giving specific reasons.

Workplace: IIT Mandi iHub and HCI Foundation Office, North Campus, IIT Mandi, VPO Kamand, District Mandi, Himachal Pradesh - 175075

Email: tih@iitmandi.ac.in**| Website:** https://www.ihubiitmandi.in**| CIN:** U73100HP2020NPL008102

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- iHub reserves the right to offer a different project to candidates instead of their proposed project/idea.

- The fellowship amount would be released only at the successful completion of the project.

- For successful completion, the fellow must submit a project report along with any hardware/software, and source code.

- The iHub may assist fellows in publishing papers and/or patents as per iHub policies if recommended by the faculty mentor guiding the fellow.

Application Deadline: This is a Rolling Advertisement and/therefore, we start a new batch every three (3) months.

Application Link: https://xt9iuyp9fqg.typeform.com/to/CBRj3lSm for any additional clarifications/information, please contact: tih@iitmandi.ac.in