



IIT Mandi iHub and HCI Foundation

CIN: U73100HP2020NPL008102

Regd. Office: IIT Mandi, VPO Kamand, Mandi, Himachal Pradesh, India – 175075

Call for Doctoral Fellowship

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 the iHub is to make India a leader in Human-Computer Interaction (HCI) research in the world. Based on faculty strengths, industry collaborations, and ongoing projects, the iHub's focus will be on the following: technology (interface) development and evaluation, HRD & skill development, entrepreneurship, and collaborations. For more information, visit <http://iitmandi.ac.in/TIH-HCI/>

- Objective:** To provide support for Doctoral candidates to do an in-depth analysis in HCI by applying independent methodologies of scientific research and creating new scientific knowledge/ technology solutions in HCI.
- Fellowship Grant:** INR 35,000/- per month for the first two years.
INR 38,000/- per month for the final years.
If selected, the applicant cannot avail any other fellowship in parallel.
- Duration:** Maximum 36 months.

Eligibility for Fellowship Programme

- Students registered in any doctoral program in India can apply for the fellowship.
- Applicants must be aspiring to work in the areas of “Augmented/Virtual Reality, Brain-Computer Interfaces (BCI), Human-Computer Interaction (HCI), Internet of Things, Multisensory Applications”.
- CGPA for individual students should be greater than or equal to 8.0.
- 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 project and the candidate, the aim of the project and research gap, methodology and expected deliverables with a timeline.
- Any idea that has a 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.
- The nationality of the candidate is not a constraint.

Benefits

- Opportunity to apply your innovative ideas for solving real-life problems.
- Fellowship will be for a period of 36 months with fellowship amount INR 35,000/- per month for first two years and INR 38,000/- for final year.
- A certificate from IIT Mandi iHub and HCI Foundation (iHub) highlighting the outcome of the project.

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

Email: tih@iitmandi.ac.in | **Phone:** +91 1905 - 267132 | **Website:** <https://www.iitmandi.ac.in/TIH-HCI>



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- Funding opportunity for creating start-ups, incubation center after careful evaluation of the project outcomes.
- Opportunity to enhance learning, explore entrepreneur skills, and innovate.
- Get an opportunity to interact with industries.

Expected Outcomes: IP, Technology, Research oriented technical minds, Start-up..

Performance Metrics: IP generated.

Different approaches to solve real problems of industries.

New knowledge/ technology solutions in CPS.

Workplace: Industry, Academic, R&D Institution/ Online.

Terms & Conditions

- Monthly monitoring of the selected proposals.
- The iHub reserves the right to terminate the fellowship based on unsatisfactory progress.
- The iHub reserves all rights to revise the eligibility criteria and reject any proposal without assigning reason at any time.
- Doctoral fellowship is applicable during the actual number of months.
- These fellowships are primarily targeted graduate students who wish to pursue projects in the area of “Augmented/ Virtual Reality, Brain-Computer Interfaces (BCI), Human-Computer Interaction (HCI), Internet of Things, Multisensory Applications”.
- The iHub reserves the right to offer a different project to candidates instead of their proposed project/idea.
- The iHub can monitor the academic progress of the fellowship holders (after they are appointed).
- The mentoring faculty member must be working or intend to work in an area relevant to Augmented/Virtual Reality, Brain-Computer Interfaces (BCI), Human-Computer Interaction (HCI), Internet of Things, Multisensory Applications and must be closely aligned with the goals and deliverables of Technology Innovation Hub.
- Research proposals with mentoring faculty members in institutes having requisite infrastructure and laboratories for research in the areas of Augmented/Virtual Reality, Brain-Computer Interfaces (BCI), Human-Computer Interaction (HCI), Internet of Things, Multisensory Applications will be preferred.
- The supervisor/mentor must agree to provide the facilities required for the research to be conducted by the candidate in line with the research proposal.
- For successful completion, the fellow must submit a project report along with any hardware/software, source code, etc.

Application Deadline: This is a Rolling Advertisement and/therefore, can be submitted at any time; however, the received proposals shall be evaluated every three (3) months.

Application Link: <https://forms.gle/hzJH5FdDthLnEWEs6>

For any additional clarifications/information, please contact: tih@iitmandi.ac.in

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