



## **PhD Candidate Position Available in PerSisst Lab**

The **Pervasive Sensing & Intelligent Assistive Systems (PerSisst) Lab** at the Department of **Human-Centered Design (HCD)**, **Indraprastha Institute of Information Technology Delhi (IIT-Delhi)**, invites applications for a **fully-funded PhD position**. This position is aimed at exploring cutting-edge innovations in the field of **Human-Computer Interaction (HCI)**, particularly involving **Ubiquitous Computing** and **Pervasive Sensing** technologies.

### **Research Focus:**

The selected candidate will work on projects focussed on the design and development of **innovative systems** that are **inclusive** and **assistive** in nature. These innovations will promote different aspects of **smart living** through context awareness. The research will also delve into various aspects of **Artificial Intelligence** and advanced **Deep Learning Techniques**, aiming to enhance the functionality and impact of these approaches.

### **Key Responsibilities:**

- Conduct rigorous research in HCI, focusing on ubiquitous computing and pervasive sensing.
- Design, develop, and evaluate novel applications that support smart living.
- Write and publish research findings in high-quality conferences and journals.
- Collaborate with industrial and academic researchers.
- Work in a team as well as independently.

### **Qualifications:**

- **The marks requirement is CGPA of at least 7.5 on a scale of 10 (or equivalent) or 70%.**
- A master's degree in Computer Science, HCI, AI, or related fields.
- Strong knowledge in Python, C++, JAVA, or other relevant programming languages. Proficiency with Machine Learning and Deep Learning models is required. Acquaintance with AI-based systems, sensing technology, and related fields is highly encouraged.
- Proficiency in the design, qualitative and quantitative research methods. Interest in Human-Centered Computing is mandatory. The candidate should be willing to perform extensive studies in the field of Cognitive Psychology, Ergonomics and related fields.
- The candidate must possess excellent verbal and written skills.

### **Application Process:**

Interested candidates should submit the following documents:

1. A detailed CV.
2. A cover letter outlining research interests and relevance to the domain.



3. Contact details of at least two academic or professional referees.
4. Any relevant publications or project samples (optional).

**What we offer:**

- The institute provides attractive compensation – the stipend is Rs. 37,000 + HRA as per DST rates per month until successfully completing the comprehensive exam and Rs.42,000 + HRA as per DST rates per month since completing comprehensive exam until completion of 5th year.
- The institute provides support to present papers in national and international conferences.

**How to Apply:**

We strongly encourage applicants from diverse backgrounds and perspectives to apply in our lab.

To apply- fill this : [Form](#)

We look forward to receiving your application and exploring the future of smart living with innovative inclusive and assistive systems!

**Contact Information:**

Please forward applications and any inquiries to the email provided below.

**Dr. Pragma Kar-** [pragma@iiitd.ac.in](mailto:pragma@iiitd.ac.in)

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