

Opening for PhD Positions in

Design Research and Human Factors (DREAMRS Lab)

The Design Research and Human Factors Lab (**DREAMRS lab**) at HCD, IIITD invites applications for a fully-funded PhD position under the supervision of **Dr. Sonal Keshwani**. The candidates shall work in the domains of **design creativity, design methods and tools, natural language processing and product ergonomics**.

Responsibilities

The applying candidate should be open to learning new skills and techniques as per the requirements of the project. The following are the specific responsibilities:

- **Planning, execution, analysis and communication** of design experiments of high academic rigor.
- **Collaborating** with a multidisciplinary team.
- **Contributing** to other projects as required.
- **Mentoring** UG and Master's students' projects

Minimum eligibility criteria

Existing requirements for applying to Ph.D. at DREAMRS Lab:

- **UG or PG Engineering degrees** in CSE/ECE/Design/Architecture/ Mechanical or other allied disciplines (4 year duration course).
- **CGPA of at least 7** on a scale of 10 (or equivalent) or 70%.

Required Skills



- **Technical skills:** Strong hold on programming in languages such as Python, C++, C# is required. Prior experience with AI technologies, especially Generative AI and Large Language Models, is highly desirable.
- **Analytical skills:** Proficiency in the design, execution, and analysis of empirical studies, including qualitative and quantitative research methods.
- **Design skills:** Experience in Product Design is highly preferred. Experience in HCI, Interaction Design, User Experience Design, or related areas is beneficial.
- **Soft skills:** Excellent written and verbal communication skills, with the ability to work both independently and as part of a team.

How to Apply?

Interested candidates should fill out the application form at the following link: [Application Form](#).

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

For more information, please contact:

Dr. Sonal Keshwani

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