

DRONACHARYA Group of Institutions

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Approved by: All India Council for Technical Education (AICTE), New Delhi
Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow*

Name of the Subject: Human Computer Interface

Faculty Name: Dr. Mahamaya Mohanty

Innovation Practices: Cross Over Teaching

Students Involved: 5th Semester

Crossover teaching is an interdisciplinary, experiential approach that combines theoretical instruction with real-world applications, often outside the traditional classroom setting. Faculty members use this method to teach **Human-Computer Interaction (HCI)** by integrating knowledge from different domains and facilitating hands-on, contextual learning experiences.

Faculty members combine HCI concepts with fields like psychology, design, cognitive science, and usability engineering.

Faculty members engage students in activities outside the classroom, such as conducting usability testing in a workplace or designing interfaces for a local business

Crossover teaching in **Human-Computer Interaction (HCI)** is a transformative practice that bridges academic learning with practical application. By immersing students in real-world scenarios, interdisciplinary projects, and hands-on design challenges, this method equips them with the skills needed to create user-friendly, innovative, and impactful interactive systems.



