



USER INTERFACE DESIGN

PROF. SAPTARSHI KOLAY

Department of Architecture and Planning
IIT Roorkee

TYPE OF COURSE : Rerun | Elective | UG/PG

COURSE DURATION : 4 weeks (21 Feb'22 - 18 Mar'22)

EXAM DATE : 23 April 2022

INTENDED AUDIENCE : M.Des. / B.Des. M.Arch/ B.Arch. students, design professionals

INDUSTRIES APPLICABLE TO : Industrial Design Companies, User experience Design Companies, Visual Design Companies

COURSE OUTLINE :

The course will impart knowledge on the different aspects of User-Interface Design, emphasizing on virtual media platform. In contemporary Industrial design pedagogy, human-machine interaction is an emerging paradigm. The course will emphasize on understanding of user experience and cognition, which are the key factor to achieve user-friendly Interface Design. Usage of contemporary technology like, eye tracking will also be introduced as user testing tool. The course will enable the students to learn to design User-Interface through a methodological approach.

ABOUT INSTRUCTOR :

Prof. Saptarshi Kolay is presently an Assistant Professor at Architecture and Planning department of Indian Institute of Technology Roorkee. After completing his under graduation in Architecture from Jadavpur University, he went on to explore User Centric design at Design Programme of Indian Institute of Technology Kanpur. Along with teaching he is pursuing his PhD from the Department of Architecture and Planning, IIT-Roorkee. He was selected in student-exchange programme for Aalto University, Finland and Escola De Arte and Desino, Spain. He has received Rafiq Azam Travel Bursary, Yuva-Ratna award and has participated in Design workshop by MIT, Media lab. His current research interest includes gerontology and socio-cultural sustainability, way-finding design, visual narratives, etc. on which he has submitted international Journal and Conference papers. He has floated NPTEL courses like "Contemporary Architecture and Design" and "Visual Communication Design on Digital Media".

COURSE PLAN :

Week 01 : Introduction to User Interface Design (UI), Brief History of UI Design

Week 02 : UI Design Methodology

Week 03 : User Experience design component in Interface Design, Visual Communication design component in Interface Design

Week 04 : Case Studies and Best Practices