

UI UX SYLLABUS

About UX

- **What is User Experience**
- **Concept of UX**
- **Trends in UX**
- **What is User Interaction**
- **Mental Model**
- **Cognitive Model in UX**
- **Emerging Technologies in UX**
- **What is UX Design and Where is Used**
- **Fitt's law**
- **Hick's Law**

Types of Data in UX Design

- **Qualitative Data**
- **Quantitative Data**
- **Techniques of Collection of Data**
- **Types of User**

More About 6 Stages

- **Introduction and Defination on 6 Stages of Design Process**
- **6 Design Steps in UX**
- **Why we used 6 Stages in UX**
- **Competitor Analysis in 6D**

Heuristic Evaluation

- **10 Usability Heristic Evaluton Law for UX Design**
- **How we used Heuristic Evaluation**
- **Case Studies of Competitor**

User Research

- **Benefits and Introduction on User REsearch**
- **Elements that used in User Research**
- **Process in User Research**
- **User Interview**
- **Modern Day User Research Methods**

UX Design Process

- **What is Research in User Experience Design?**
- **Tools and Method used for Research**
- **User Needs and its Goals**
- **Know about Business Goals**
- **How to deliver a research and it phases.**

UX Design Process

- **Visual Design Principles**
- **Information Design and Data Visualization**
- **Interaction Design**
- **Information Architecture**
- **Wire framing & Storyboarding**
- **Elements and Widgets**
- **Screen Design and Layouts**
- **Hands-on Assignments and Quiz**

UX Design Process

- **Design Testing Methods and Techniques.**
- **Usability Testing – Types and Process**
- **Create plan for the Usability**
- **What is Tests?**
- **What is Prototype and how we design it.**

- **Various Prototyping Tools**
- **How to prepare Usability Testing?**
- **How to understand & refine Usability Test Results?**

UX Improvement Process

- **Understanding the Usability Test findings**
- **Applying the Usability Test feedback in**
- **improving the design**

UX Delivery Process

- **How to communicate with implementation team**
- **UX Deliverables and its process**

UX Projects

- **Web Projects**
- **Android and IOS**
- **Toolset**
- **POS System**
- **Interface and Product Design**
- **Dashboard**

UX Tools

- **Sketch**
- **Axure**
- **Invision**
- **Proto**
- **Adobe XD**
- **Figma**
- **Webflow**
- **Flow Map**
- **Balsamiq**

- **Visual Sitemaps**
- **Wireframe CC**
- **Optimal Workshop**