

USER INTERFACE DESIGN [As per Choice Based Credit System (CBCS) scheme] (Effective from the academic year 2017-18) SEMESTER – VIII			
Subject Code	17CS832	IA Marks	40
Number of Lecture Hours/Week	03	Exam Marks	60
Total Number of Lecture Hours	40	Exam Hours	03
CREDITS – 03			
Course Objectives: This course will enable students			
<ul style="list-style-type: none"> To study the concept of menus, windows, interfaces. To study about business functions. To study the characteristics and components of windows and the various controls for the windows. To study about various problems in window design with text, graphics. To study the testing methods. 			
Module –1			Teaching Hours
The User Interface-Introduction, Overview, The importance of user interface – Defining the user interface, The importance of Good design, Characteristics of graphical and web user interfaces, Principles of user interface design.			08 Hours
Module –2			
The User Interface Design process- Obstacles, Usability, Human characteristics in Design, Human Interaction speeds, Business functions-Business definition and requirement analysis, Basic business functions, Design standards.			08 Hours
Module –3			
System menus and navigation schemes- Structures of menus, Functions of menus, Contents of menus, Formatting of menus, Phrasing the menu, Selecting menu choices, Navigating menus, Kinds of graphical menus.			08 Hours
Module–4			
Windows - Characteristics, Components of window, Window presentation styles, Types of window, Window management, Organizing window functions, Window operations, Web systems, Characteristics of device based controls.			08 Hours
Module–5			
Screen based controls- Operable control, Text control, Selection control, Custom control, Presentation control, Windows Tests-prototypes, kinds of tests.			08 Hours
Course outcomes: The Students should be able to:			
<ul style="list-style-type: none"> Design the User Interface, design, menu creation ,windows creation and connection between menus and windows. 			
Question paper pattern: The question paper will have ten questions. There will be 2 questions from each module. Each question will have questions covering all the topics under a module. The students will have to answer 5 full questions, selecting one full question from each module.			
Text Book: 1. Wilbert O. Galitz, “The Essential Guide to User Interface Design”, John Wiley & Sons, Second Edition 2002.			

Reference Books:

1. Ben Sheiderman, "Design the User Interface", Pearson Education, 1998.
2. Alan Cooper, "The Essential of User Interface Design", Wiley- Dream Tech Ltd., 2002



Future Vision

FUTURE VISION BIE

By K B Hemanth Raj

Visit : <https://hemanthrajhemu.github.io>

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8th Semester CSE - TEXTBOOK - NOTES - QP - SCANNER & MORE

17CS81 IOT - <https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS81/>

17CS82 BDA - <https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS82/>

17CS832 UID - <https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS832/>

17CS834 SMS - <https://hemanthrajhemu.github.io/CSE8/17SCHEME/17CS834/>

8th Semester Computer Science & Engineering (CSE)

8th Semester CSE Text Books: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Text-Book.html>

8th Semester CSE Notes: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Notes.html>

8th Semester CSE Question Paper: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Question-Paper.html>

8th Semester CSE Scanner: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Scanner.html>

8th Semester CSE Question Bank: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Question-Bank.html>

8th Semester CSE Answer Script: <https://hemanthrajhemu.github.io/CSE8/17SCHEME/Answer-Script.html>

Contribution Link:

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