

| USER INTERFACE DESIGN [As per Choice Based Credit System (CBCS) scheme] (Effective from the academic year 2017 - 2018) SEMESTER – VIII | | | |
|--|---------|------------|-----------------------|
| Subject Code | 17CS832 | IA Marks | 40 |
| Number of Lecture Hours/Week | 3 | Exam Marks | 60 |
| Total Number of Lecture Hours | 40 | Exam Hours | 03 |
| CREDITS – 03 | | | |
| Module – 1 | | | Teaching Hours |
| Introduction-Importance-Human-Computer interface-characteristics of graphics interface-Direct manipulation graphical system - web user interface-popularity-characteristic & principles. | | | 08 Hours |
| Module – 2 | | | |
| User interface design process- obstacles-usability-human characteristics in design - Human interaction speed-business functions-requirement analysis-Direct-Indirect methods-basic business functions-Design standards-system timings - Human consideration in screen design - structures of menus - functions of menus-contents of menu-formatting -phrasing the menu - selecting menu choice-navigating menus-graphical menus. | | | 08 Hours |
| Module – 3 | | | |
| Windows: Characteristics-components-presentation styles-types-managements-organizations-operations-web systems-device-based controls: characteristics-Screen -based controls: operate control - text boxes-selection control-combination control-custom control-presentation control. | | | 08 Hours |
| Module – 4 | | | |
| Text for web pages - effective feedback-guidance & assistance-Internationalization-accessibility -Icons-Image-Multimedia-coloring. | | | 08 Hours |
| Module – 5 | | | |
| Windows layout-test :prototypes - kinds of tests - retest - Information search - visualization - Hypermedia - www - Software tools. | | | 08 Hours |
| Course outcomes: The students should be able to: | | | |
| <ul style="list-style-type: none"> Design the user interface, menu creation and windows creation and connection between menu and windows Describe and explain the user interface design process | | | |
| 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 Books: | | | |
| 1. Wilbent. O. Galitz , "The Essential Guide to User Interface Design", John Wiley& Sons, 2001. | | | |
| 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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ECE 8th Semester - <https://hemanthrajhemu.github.io/ECE8/>

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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