

**ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY: CHIRALA**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**LECTURE SCHEDULE**

**Subject: HUMAN COMPUTER INTERACTION**

**Academic Year: 2018-19**

**Faculty Name: Ch.Sravani**

**Year&Sem/Section:IV-II SEM 'C'**

**No.of Lectures per week: 4+1\*TUTORIAL**

S.No.	Date	Unit No.	Topic to be Covered
1	19/11/2018	I	Introduction to Usability of Interactive Systems
2	20/11/2018		usability goals, measures, usability & motivations
3	22/11/2018		universal usability & goals for our profession
4	23/11/2018		Introduction to Managing Design Processes
5	26/11/2018		Organizational design to support usability
6	27/11/2018		Four pillars of design, Ethnographic observation
7	28/11/2018		development methodologies
8	29/11/2018		<b>TUTORIAL</b>
9	30/11/2018		Participatory design, Scenario Development
10	03/12/2018		Social impact statement for early design review
11	04/12/2018		legal issues, Usability Testing and Laboratories
12	05/12/2018		<b>REVISION THROUGH PPT'S/NPTEL VIDEOS</b>
13	06/12/2018		<b>TUTORIAL</b>
14	07/12/2018		<b>UNIT TEST-1</b>
15	10/12/2018	II	Introduction to Menu Selection, Task-Related Menu Organization
16	11/12/2018		Single menus, Combinations of Multiple Menus
17	12/12/2018		Content Organization, Fast Movement Through Menus
18	13/12/2018		<b>TUTORIAL</b>
19	17/12/2018		Audio Menus and menus for Small Displays
20	18/12/2018		Data entry with Menus in dialog Boxes, and alternatives
21	19/12/2018		<b>REVISION THROUGH PPT'S/NPTEL VIDEOS</b>
22	20/12/2018		<b>TUTORIAL</b>
23	21/12/2018		<b>UNIT TEST-2</b>
24	26/12/2018		

25	27/12/2018	III	<b>TUTORIAL</b>
26	28/12/2018		Command organization Functionality, Strategies and Structure
27	31/12/2018		Naming and Abbreviations
28	02/01/2019		Natural Language in Computing
29	03/01/2019		<b>TUTORIAL</b>
30	04/01/2019		Introduction to Interaction Devices
31	07/01/2019		Keyboards and Keypads, Pointing Devices
32	08/01/2019		Speech and Auditory Interfaces
33	09/01/2019		Displays- Small and large
34	10/01/2019		<b>TUTORIAL</b>
35	11/01/2019	<b>REVISION THROUGH PPT'S/NPTEL VEDIOS</b>	
36	17/01/2019	MID-I	<b>MID-1 EXAMINATION</b>
37	18/01/2019		<b>MID-1 EXAMINATION</b>
38	19/01/2019		<b>MID-1 EXAMINATION</b>
39	21/01/2019		<b>MID-1 EXAMINATION</b>
40	22/01/2019		<b>MID-1 EXAMINATION</b>
41	23/01/2019		<b>MID-1 EXAMINATION</b>
42	24/01/2019	IV	Introduction to Quality of Service
43	25/01/2019		Models of Response-Time impacts
44	28/01/2019		Expectations and attitudes
45	29/01/2019		User Productivity, Variability in Response
46	30/01/2019		TimeFrustrating Experiences
47	31/01/2019		<b>TUTORIAL</b>
48	01/02/2019		Introduction to Balancing Function and Fashion
49	04/02/2019		Error Messages, Nonanthropomorphic Design
50	05/02/2019		Display Design, Web Page Design
51	06/02/2019		Window Design, Color
52	07/02/2019	<b>TUTORIAL</b>	
53	08/02/2019	<b>UNIT TEST-4</b>	

54	11/02/2019	V	Introduction to User Documentation and Online Help
55	12/02/2019		Online Vs Paper Documentation
56	13/02/2019		Reading from paper VsfromDisplays
57	14/02/2019		<b>TUTORIAL</b>
58	15/02/2019		Shaping the content of the Documentation
59	18/02/2019		Accessing the Documentation
60	19/02/2019		Online tutorials and animated documentation
61	20/02/2019		Online communities for User Assistance, The Development Process
62	21/02/2019		<b>TUTORIAL</b>
63	22/02/2019		<b>UNIT-5 PPT'S/NPTEL VEDIO UNIT TEST-5</b>
64	25/02/2019		<b>UNIT TEST-5</b>
65	26/02/2019		Introduction to Information Search
66	27/02/2019		Searching in Textual Documents and Database Querying
67	28/02/2019		<b>TUTORIAL</b>
68	22/02/2019	Multimedia DocumentSearches	
69	01/03/2019	VI	Advanced Filtering and Searching Interfaces
70	05/03/2019		Introduction to Information Visualization
71	06/03/2019		Data Type by Task Taxonomy
72	07/03/2019		Challenges for Information Visualization
73	08/03/2019		<b>UNIT-6 PPT'S/NPTEL VEDIO</b>
74	11/03/2019		Revision
75	12/03/2019		Revision
76	13/03/2019		Revision
77	14/03/2019		Revision
78	15/03/2019		Revision
79	18/03/2019	Revision	
80	19/03/2019	Revision	
81	20/03/2019	Revision	
82	22/03/2019	Revision	

83	25/03/2019	<b>MID-II</b>	<b>MID-1I EXAMINATION</b>
84	26/03/2019		<b>MID-1I EXAMINATION</b>
85	27/03/2019		<b>MID-1I EXAMINATION</b>
86	28/03/2019		<b>MID-1I EXAMINATION</b>
87	29/03/2019		<b>MID-1I EXAMINATION</b>
88	30/03/2019		<b>MID-1I EXAMINATION</b>

**Text Books:**

1. Designing the User Interface, Strategies for Effective Human Computer Interaction, 5ed, Ben Shneiderman, Catherine Plaisant, Maxine Cohen, Steven M Jacobs, Pearson
2. The Essential guide to user interface design, 2/e, Wilbert O Galitz, Wiley DreamaTech.

**Reference Books:**

1. Human Computer, Interaction Dan R. Olsan, Cengage, 2010.
2. Designing the user interface. 4/e, Ben Shneidermann, PEA.
3. User Interface Design, Soren Lauesen, PEA.
4. Interaction Design PRECE, ROGERS, SHARPS, Wiley.

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