

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

Subject: HUMAN COMPUTER INTERACTION

Academic Year: 2017-18

Name: Dr.P.HARINI

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	27/11/2017	I	Introduction to Usability of Interactive Systems	
2	28/11/2017		usability goals, measures, usability & motivations	
3	29/11/2017		universal usability & goals for our profession	
4	30/11/2017		Introduction to Managing Design Processes	
5	4/12/2017		TUTORIAL	
6	5/12/2017		Organizational design to support usability	
7	6/12/2017		Four pillars of design, Ethnographic observation	
8	7/12/2017		development methodologies	
9	8/12/2017		Participatory design, Scenario Development	
10	11/12/2017		TUTORIAL	
11	12/12/2017		Social impact statement for early design review	
12	13/12/2017		legal issues, Usability Testing and Laboratories	
13	14/12/2017		UNIT-1 PPT'S/NPTEL VIDEOS	
14	15/12/2017		UNIT TEST-1	
15	18/12/2017	II	Introduction to Menu Selection, Task-Related Menu Organization	
16	19/12/2017		Single menus, Combinations of Multiple Menus	
17	20/12/2017		Content Organization, Fast Movement Through Menus	
18	21/12/2017		Data entry with Menus in Form Fill-in	
19	22/12/2017		Data entry with Menus in dialog Boxes, and alternatives	
20	26/12/2017		Audio Menus and menus for Small Displays	
21	27/12/2017		UNIT-2 PPT'S/NPTEL VIDEOS	
22	28/12/2017		UNIT TEST-2	
23	29/12/2017		III	Introduction to Command and Natural Languages
24	1/1/2018			TUTORIAL
25	2/1/2018	Command organization Functionality, Strategies and Structure		

26	3/1/2018		Naming and Abbreviations
27	4/1/2018		Natural Language in Computing
28	5/1/2018		Introduction to Interaction Devices
29	8/1/2018		TUTORIAL
30	9/1/2018		Keyboards and Keypads, Pointing Devices
31	10/1/2018		Speech and Auditory Interfaces
32	11/1/2018		Displays- Small and large
33	12/1/2018		UNIT-3 PPT'S/NPTEL VEDIOS
34	17/1/2018		Introduction to Quality of Service
35	19/1/2018		Models of Response-Time impacts
36	20/1/2018		Expectations and attitudes
37	22/1/2018	MID-I	Revision
38	23/1/2018		Revision
39	24/1/2018		Revision
40	25/1/2018		Revision
41	29/1/2018	IV	User Productivity, Variability in Response
42	30/1/2018		TUTORIAL
43	31/1/2018		TimeFrustrating Experiences
44	1/2/2018		Introduction to Balancing Function and Fashion
45	2/2/2018		Error Messages, Nonanthropomorphic Design
46	5/2/2018		TUTORIAL
47	3/2/2018		Display Design,
48	6/2/2018		Web Page Design
49	7/2/2018		Window Design, Color
50	8/2/2018		UNIT-4 PPT'S/NPTEL VEDIO
51	9/2/2018	UNIT TEST-4	
52	14/2/2018	V	Introduction to User Documentation and Online Help
53	15/2/2018		Online Vs Paper Documentation
54	16/2/2018		Reading from paper Vs fromDisplays
55	19/2/2018		TUTORIAL

56	20/2/2018		Shaping the content of the Documentation
57	21/2/2018		Accessing the Documentation
58	22/2/2018		Online tutorials and animated documentation
59	23/2/2018		Online communities for User Assistance, The Development Process
60	26/2/2018		TUTORIAL
61	27/2/2018		UNIT-5 PPT'S/NPTEL VEDIO
62	28/2/2018		UNIT TEST-5
63	1/3/2018	VI	Introduction to Information Search
64	5/3/2018		TUTORIAL
65	6/3/2018		Searching in Textual Documents and Database Querying
66	7/3/2018		Multimedia Document Searches
67	8/3/2018		Advanced Filtering and Searching Interfaces
68	9/3/2018		Introduction to Information Visualization
69	12/3/2018		TUTORIAL
70	13/3/2018		Data Type by Task Taxonomy
71	14/3/2018		Challenges for Information Visualization
72	15/3/2018		
73	16/3/2018		Revision
74	19/3/2018		Revision
75	20/3/2018	Revision	Revision
76	21/3/2018		Revision
77	22/3/2018		Revision
78	23/3/2018		Revision
79	26/3/2018	MID-II	Revision
80	27/3/2018		Revision
81	28/3/2018		Revision
82	29/3/2018		Revision
83	31/3/2018		Revision

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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