O.P.Code: 20CS0534

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H.T.No.

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS)

B.Tech III Year II Semester Regular Examinations August-2023

HUMAN COMPUTER INTERACTION

CSE(Artificial Intelligence and Machine Learning)

Tir	ne: 3 Hours	Max. Marks: 60								
	(Answer all Five Units $5 \times 12 = 60$ Marks)									
	UNIT-I									
1	a What is HCI and Observe the various goals of HCI?	CO1	L1	6M						
	b Summarize history of the Screen design.	CO1	L2	6M						
	OR									
2	Distinguish between GUI and Web page design.	CO ₁	L4	12M						
	UNIT-II									
3	a Discuss about interaction of people with computers.	CO ₂	L2	6M						
	b What are the human considerations in design? Explain.	CO ₂	L1	6M						
OR										
4	a Write any five human characteristics in design and explain.	CO ₂	L1	6M						
	b Explain in detail about determining basic business functions.	CO ₂	L4	6M						
	UNIT-III									
5	a Outline the structures of Menus with appropriate sketches.	CO ₃	L2	6M						
	b Explain in detail various Window characteristics.	CO3	L2	6M						
	OR									
6	a Discuss elaborately various components of a Window.	CO ₃	L1	6M						
	b What is window in GUI? Explain various types of Windows.	CO ₃	L1	6M						
	UNIT-IV									
7	a What is an Icon? Explain different icons in detail.	CO5	L1	6M						
	b Explain in detail about how to choose colors.	CO ₅	L2	6M						
	OR									
8	a What is a color? List uses of color.	CO ₅	L1	6M						
	b Categorize various graphics available while designing GUI in HCI.	CO ₅	L4	6 M						
14	UNIT-V									
9	a Explain in brief, various specification methods for building an interface.	CO ₆	L2	6M						
	b Discuss the features of interface-building tools.	CO ₆	L2	6M						
	OR									
10	a Discuss about Image and Video displays.	CO6	L2	6M						
	b Explain in brief about Digitization and generation.	CO6	L2	6M						
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