

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)

Time: 3 Hours**Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

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|---|---|-----|----|----|
| 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

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|---|--|-----|----|-----|
| 2 | Distinguish between GUI and Web page design. | CO1 | L4 | 12M |
|---|--|-----|----|-----|

UNIT-II

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|---|---|-----|----|----|
| 3 | a Discuss about interaction of people with computers. | CO2 | L2 | 6M |
| | b What are the human considerations in design? Explain. | CO2 | L1 | 6M |

OR

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|---|---|-----|----|----|
| 4 | a Write any five human characteristics in design and explain. | CO2 | L1 | 6M |
| | b Explain in detail about determining basic business functions. | CO2 | L4 | 6M |

UNIT-III

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|---|--|-----|----|----|
| 5 | a Outline the structures of Menus with appropriate sketches. | CO3 | L2 | 6M |
| | b Explain in detail various Window characteristics. | CO3 | L2 | 6M |

OR

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|---|--|-----|----|----|
| 6 | a Discuss elaborately various components of a Window. | CO3 | L1 | 6M |
| | b What is window in GUI? Explain various types of Windows. | CO3 | L1 | 6M |

UNIT-IV

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|---|---|-----|----|----|
| 7 | a What is an Icon? Explain different icons in detail. | CO5 | L1 | 6M |
| | b Explain in detail about how to choose colors. | CO5 | L2 | 6M |

OR

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|---|---|-----|----|----|
| 8 | a What is a color? List uses of color. | CO5 | L1 | 6M |
| | b Categorize various graphics available while designing GUI in HCI. | CO5 | L4 | 6M |

UNIT-V

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|---|--|-----|----|----|
| 9 | a Explain in brief, various specification methods for building an interface. | CO6 | L2 | 6M |
| | b Discuss the features of interface-building tools. | CO6 | L2 | 6M |

OR

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|----|---|-----|----|----|
| 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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