SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech. III Year II Semester Regular & Supplementary Examinations June-2025
CYBER SECURITY
CSE(Artificial Intelligence & DataScience)

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

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

UNIT-I

1	a	Explain the Cybercrime causes and measures to prevent it.	CO1	L2	6M
	b	Discuss the challenges faced in Cybercrimes.	CO1	L2	6M

OR

2	a	Define Cybercrime and information security.	CO1	L1	6M
	b	Discuss about who are Cybercriminals.	CO1	L2	6M

UNIT-II

3	a	List out some basic Cyber Offences and summarize it.	CO2	L1	6M
	b	Differences between Active and Passive attacks in Cyber Security.	CO2	L2	6M

OR

4	a	What is Cloud Computing? Classify the types in it and list the advantages.	CO2	L1	6M
	b	Discuss the security challenges in Cloud Computing.	CO2	L2	6M

UNIT-III

5	a	Compare Mobile Computing Vs Wireless Computing.	CO3	L2	6M
	b	Distinguish Malwares, viruses and worms.	CO3	L2	6M

OR

6	a	Examine about the Mobility and its Trends.	CO3	L3	6M
	b	Discuss organizational measures for handling the mobile devices.	CO3	L2	6M

UNIT-IV

7	a	Justify various tools used in Cybercrime.	CO4	L5	6M
	b	Classify different techniques used in Cybercrime.	CO4	L4	6M

OR

8	a	What is a key logger? How it creates harmful to the users and list out types in it.	CO4	L1	6M
	b	Dissect Spywares in details.	CO4	L4	6M

UNIT-V

9	a	Explain in detail about organizational implications.	CO5	L2	6M
	b	Explain about Insider threats with examples.	CO5	L2	6M

OR

10	a	Describe about cost of Cybercrimes with examples.	CO5	L2	6M
	b	Explain the four key dimensions of privacy.	CO5	L2	6M

*** END ***