G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.

UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.
(For those admitted in June 2024 and later)

PROGRAMME AND BRANCH: B.Sc., COMPUTER SCIENCE

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART - IV	SEC- 4	U23CS4S4	IOT AND ITS APPLICATIONS

Date & Session: 06.05.2025/AN　　**Time: 2 hours**　　**Maximum: 50 Marks**

Bloom's K-level	Q. No.	SECTION – A (5 X 10= 50 Marks) Answer ALL Questions choosing either (a) or (b).
K2	1	Explain the Internet of Things Vision and IoT Strategic Research and Innovation Directions. **(OR)** Discuss IoT Applications and the role of Future Internet Technologies in IoT.
K3	2.	Describe M2M to IoT – A Basic Perspective and explain M2M Value Chains and IoT Value Chains. **(OR)** Illustrate M2M to IoT – An Architectural Overview, discussing its main design principles and needed capabilities.
K3	3.	Explain the IoT Architecture - State of the Art, highlighting its current advancements and reference model. **(OR)** Describe the IoT Reference Architecture, including its Functional View, Information View, and Deployment and Operational View.
K4	4.	Discuss IoT Applications for Value Creations and their role in the Retailing Industry and the Oil and Gas Industry. **(OR)** Explain Value Creation from Big Data and Serialization and the Four Aspects in Business to Master IoT.
K3	5.	Describe Internet of Things Privacy, Security, and Governance, including contributions from FP7 Projects. **(OR)** Explain Security, Privacy, and Trust in IoT-Data Platforms for Smart Cities, including the First Steps Towards a Secure Platform.

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