



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society, Affiliated to JNTUH & Approved by AICTE, New Delhi]

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



Department of Electronics and Communication Engineering

Regulation: R22

IV B. Tech II Semester

**COURSE TITLE: ARTIFICIAL INTELLIGENCE
(Professional Elective -V)**

COURSE CODE: ML851PE

Upon completing this course, the students will be able to

CO No.	COURSE OUTCOME STATEMENT	BT Level
CO1	Understand the basics of the theory and about intelligent agents.	2
CO2	Capable of using heuristic searches, aware of knowledge-based systems and expert systems.	3
CO3	Apply AI techniques to real-world problems to develop intelligent systems.	3
CO4	Select appropriately from a range of techniques when implementing intelligent systems.	5
CO5	Analyze the ethical, societal, and practical implications of Artificial Intelligence solutions and evaluate their limitations in real-world applications.	4

MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO1	3	2	3	-	-	3	-	-	-	2	2	3	1	-	1
CO2	3	2	3	-	-	3	-	-	-	2	2	3	2	2	2
CO3	3	2	3	-	-	3	-	-	-	2	2	3	2	-	2
CO4	3	2	3	-	-	3	-	-	-	2	2	3	2	2	2
CO5	3	2	3	-	-	3	-	-	-	2	2	3	2	2	2
Average	3	2	3	-	-	3	-	-	-	2	2	3	1.8	2	1.8



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**COURSE TITLE: SYSTEM ON CHIP
ARCHITECTURE (Professional
Elective -VI)**

COURSE CODE: EC862PE

Upon completing this course, the students will be able to

CO No.	COURSE OUTCOME STATEMENT	BT Level
CO1	Understand SOC Architectural features.	2
CO2	Acquire the knowledge on processor selection criteria and limitations	2
CO3	Acquires the knowledge of memory architectures on SOC	2
CO4	Understands the interconnection strategies and their customization on SOC.	2
CO5	Demonstrate the capability to design and analyze reconfigurable parallel architectures for specific computational tasks.	6

MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO1	3	3	2	2	1	1	1	-	-	-	-	1	1	2	-
CO2	3	3	2	2	1	1	1	-	-	-	-	1	1	2	-
CO3	3	3	2	2	3	1	1	-	-	-	-	1	1	2	-
CO4	3	3	2	2	3	1	1	-	-	-	-	1	1	2	-
CO5	1	3	2	2	1	1	1	-	-	-	2	1	2	2	1
Average	2.6	3	2	2	1.8	1	1	-	-	-	2	1	1.2	2	1



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COURSE TITLE: INTRODUCTION TO COMPUTER NETWORKS (Open Elective – III) COURSE CODE: CS832OE

After completion of this course the student will able to

CO No.	COURSE OUTCOME STATEMENT	BT Level
CO1	Gain the knowledge of the basic computer network technology.	2
CO2	Gain the knowledge of the functions of each layer in the OSI and TCP/IP reference model	2
CO3	Understand subnetting and routing mechanisms.	2
CO4	Familiarity with the essential application protocols of computer networks	2
CO5	Analyze network performance issues and apply appropriate networking tools and techniques to design and troubleshoot computer networks.	4

MAPPING

CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO1	3	1	-	-	-	-	-	-	-	-	-	-	1	2	-
CO2	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-
CO3	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
CO4	2	2	-	-	1	-	-	-	-	-	-	-	1	-	-
CO5	2	3	2	2	3	-	-	-	-	-	-	1	-	2	-
Average	2.4	2.2	1.5	2	2	-	-	-	-	-	-	1	1	1.67	-

