VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

[Sponsored by Lavu Educational Society]

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.)

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3

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CSE & ECE

Department of Electronics and Communication Engineering

IV B.Tech II Semester

SUBJECT: RADAR SYSTEMS (C410)

After going through this course the students will be able to

SNO	COURSE OUTCOMES	BT Level
C410.1	Demonstrate the CW and FMCW Radars, MTI	3
C410.2	Evaluate radar Signals in Noise.	6
C410.3	Design of radar system with the knowledge of Radar Equation.	5
C410.4	Understand the tracking of radar, its range, phase and scanning parameters.	1
C410.5	Design of Matched filter to extract radar signals in noise.	5

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
C410.1	3	2	3	3	3	2	2	1	2	3	3	2	3	2	-
C410.2	3	2	3	3	3	2	2	1	2	3	3	2	3	2	1
C410.3	3	2	2	2	2	1	-	-	1	2	2	1	3	1	1
C410.4	3	3	3	3	2	1	2	1	3	2	2	1	3	1	1
C410.5	3	3	3	2	2	1	1	-	2	2	2	1	3	1	1
Average	**3**	**2.4**	**2.8**	**2.6**	**2.4**	**1.4**	**1.7**	**1**	**2**	**2.4**	**2.4**	**1.4**	**3**	**1.4**	**1**

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SUBJECT: SYSTEM ON CHIP ARCHITECTURE (C429)

After going through this course the student will be in the position to

SNO	COURSE OUTCOMES	BT Level
C429.1	Understand SOC Architectural features.	2
C429.2	Illustrate processor selection criteria and limitations	3
C429.3	Demonstrate memory architectures on SOC.	3
C429.4	Understands the interconnection strategies and their customization on SOC.	2
C429.5	Examine Reconfiguration Technologies	4

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C429.1	1	2	1	1	-	-	1	-	-	-	1	-	1	2	-
C429.2	2	2	1	-	-	-	-	-	-	-	1	-	1	2	-
C429.3	2	2	1	-	-	-	-	-	-	-	1	-	1	2	-
C429.4	2	2	1	1	-	-	1	-	-	-	1	-	1	2	-
C429.5	1	2	1	1	1	1	1	1	1	1	2	1	2	2	1
Average	1.6	2	1	1	1	1	1	1	1	1	1.2	1	1.2	2	1

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SUBJECT: MACHINE LEARNING (C430)

After going through this course the student will be in the position to

SNO	COURSE OUTCOMES	BT Level
C430.1	Describe about basic concepts of Learning system, Learning Problems, Learning Task and mathematics behind machine learning.	2
C430.2	Explain the machine learning models and basic concepts of artificial neural network.	2
C430.3	Apply regression, classification and clustering techniques of Machine learning.	3
C430.4	Explain the concepts of Genetic algorithm and Reinforcement Learning.	2
C430.5	Develop an appreciation for what is involved in learning from data.	5

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C430.1	2	2	1	1	-	-	-	-	-	-	-	-	2	2	-
C430.2	2	2	1	1	-	-	-	-	-	-	-	-	2	2	-
C430.3	2	2	1	1	1	1	-	-	1	-	-	-	2	2	1
C430.4	2	2	1	1	-	-	-	-	-	-	-	-	2	2	-
C430.5	2	2	1	1	-	-	-	-	-	-	-	-	2	2	-
Average	**2**	**2**	**1**	**1**	**1**	**1**	**-**	**-**	**1**	**-**	**-**	**-**	**2**	**2**	**1**

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SUBJECT: PROJECT STAGE – II (C414B)

After going through this course the student will be in the position to

SNO	COURSE OUTCOMES	BT Level
C414B.1	Develop comprehensive solution to issues identified in previous semester work and to meet the requirements as stated in project brief.	5
C414B.2	Synthesize the results of the detailed analytical studies conducted, lay down validity and design criteria, interpret the result for application to the problem, develop the concept and detailed design solution and to effectively communicate the thesis rationale.	5

MAPPING

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C414B.1	2	2	2	2	-	-	-	-	-	-	-	-	-	1	-
C414B.2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
Average	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1