PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mapping of Course outcome with program outcome
Regulation -2017
III Year

V SEMESTER

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8501 – DIGITAL COMMUNICATION

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C301.1	Describe the operating principles of information theory	U
C301.2	Design and implement base band transmission schemes	A
C301.3	Design and implement band pass signaling schemes	A
C301.4	Analyze the spectral characteristics of band pass signaling schemes and their noise performance	AN
C301.5	Design error control coding schemes	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C301.1	2	2	1	2	0	0					1	1	**2**	**1**	**1**
C301.2	3	3	2	3	1	1					2	2	**3**	**2**	**3**
C301.3	3	3	2	3	1	1					2	2	**3**	**2**	**3**
C301.4	3	3	3	3	2	2					3	3	**3**	**2**	**3**
C301.5	3	3	2	3	1	1					2	2	**3**	**2**	**3**
C301	2.8	2.8	2	2.8	1	1					2	2	2.8	1.8	2.6

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EC8553 – DISCRETE TIME SIGNAL PROCESSING

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C302.1	Apply DFT for the analysis of digital signals and systems	A
C302.2	Design IIR and FIR filters	A
C302.3	Characterize the effects of finite precision representation on digital filters	A
C302.4	Design multirate filters	A
C302.5	Apply adaptive filters appropriately in communication systems	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C302.1	3	3	2	2	2	1					1	2	3	3	2
C302.2	3	3	2	2	2	1					1	2	3	3	2
C302.3	3	3	2	2	2	1					1	2	3	3	2
C302.4	3	3	2	2	2	1					1	2	3	3	2
C302.5	3	3	2	2	2	1					1	2	3	3	2
C302	3	3	2	2	2	1					1	2	3	3	2

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EC8552 – COMPUTER ARCHITECTURE AND ORGANIZATION

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C303.1	Describe data representation, instruction formats and the operation of a digital computer	U
C303.2	Illustrate the fixed point and floating-point arithmetic for ALU operation	U
C303.3	Discuss about implementation schemes of control unit and pipeline performance	A
C303.4	Explain the concept of various memories, interfacing and organization of multiple processors	U
C303.5	Discuss parallel processing technique and unconventional architectures	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO 1**	**PSO 2**	**PSO 3**
C303.1	2	2	2	1	1	1	0	0	0	0	0	1	2	2	2
C303.2	2	2	2	1	1	1	0	0	0	0	0	1	2	2	2
C303.3	3	3	3	2	2	2	0	0	0	0	0	2	3	3	3
C303.4	2	2	2	1	1	1	0	0	0	0	0	1	2	2	2
C303.5	2	2	2	1	1	1	0	0	0	0	0	1	2	2	2
C303	**2.2**	**2.2**	**2.2**	**1.2**	**1.2**	**1.2**	**0**	**0**	**0**	**0**	**0**	**1.2**	**2.2**	**2.2**	**2.2**

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EC8551 – COMMUNICATION NETWORKS

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C304.1	Identify the components required to build different types of networks	R
C304.2	Choose the required functionality at each layer for given application	U
C304.3	Identify solution for each functionality at each layer	R
C304.4	Trace the flow of information from one node to another node in the network	U
C304.5	Summarize the various Application requirements	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C304.1	1	1	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1	1	1	1
C304.2	2	2	1	1	**1**	**1**	**0**	**0**	**0**	**0**	**0**	2	2	2	2
C304.3	1	1	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	1	1	1	1
C304.4	2	2	1	1	**1**	**1**	**0**	**0**	**0**	**0**	**0**	2	2	2	2
C304.5	2	2	1	1	**1**	**1**	**0**	**0**	**0**	**0**	**0**	2	2	2	2
C304	**1.6**	**1.6**	**0.6**	**0.6**	**0.6**	**0.6**	0	0	0	0	**0**	**1.6**	**1.6**	**1.6**	**1.6**

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ORO551 – RENEWABLE ENERGY SOURCE

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C306.1	Exposure on solar radiation and its environment impact of power	U
C306.2	Learn the various collectores used for storing solar energy	U
C306.3	Understand the various applications in solar energy	U
C306.4	Study about the wind energy and biomass and its economic aspects	U
C306.5	Learn about geothermal energy with other energy sources	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C306.1	2	1										1	1	1	1
C306.2	2	1										1	1	1	1
C306.3	2	1										1	1	1	1
C306.4	2	1										1	1	1	1
C306.5	2	1										1	1	1	1
C306	**2**	**1**										**1**	**1**	**1**	**1**

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GE8077 – TOTAL QUALITY MANAGEMENT

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C305.1	Discuss various dimensions of product and service quality	U
C305.2	Apply the TQM principles for quality improvement in organization	A
C305.3	Apply the TQM principles for quality improvement in organization	A
C305.4	Use QFD tool to design and develop a new product as per customer requirements.	A
C305.5	Explain various ISO Standards and Quality systems practiced in various sector	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C305.1						2	2	2	2	2	1	2	0	2	1
C305.2						3	3	3	3	3	2	2	1	3	2
C305.3						3	3	3	3	3	2	2	1	3	2
C305.4						3	3	3	3	3	2	2	1	3	2
C305.5						2	2	2	2	2	1	2	0	2	1
C305						**2.6**	2.6	2.6	2.6	2.6	**1.6**	**2**	**0.6**	**2.6**	**1.6**

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EC8562– DIGITAL SIGNAL PROCESSING LABORATORY

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C307.1	Carryout basic signal processing operations	U
C307.2	Demonstrate their abilities towards MATLAB based implementation of various DSPsystems	A
C307.3	Analyze the architecture of a DSP Processor	AN
C307.4	Design and Implement the FIR and IIR Filters in DSP Processor for performingfiltering operation over real-time signals	A
C307.5	Design a DSP system for various applications of DSP	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C307.1	**2**	**2**	**1**	**1**	**1**	**1**					**1**	**1**	**2**	2	1
C307.2	**3**	**3**	**2**	**2**	**2**	**2**					**2**	**2**	**3**	3	2
C307.3	**3**	**3**	**3**	**3**	**3**	**3**					**3**	**3**	**3**	3	3
C307.4	**3**	**3**	**2**	**2**	**2**	**2**					**2**	**2**	**3**	3	2
C307.5	**3**	**3**	**2**	**2**	**2**	**2**					**2**	**2**	**3**	3	2
C307	**2.8**	**2.8**	**2**	**2**	**2**	**2**					**2**	**2**	**2.8**	**2.8**	**2**

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EC8561 – COMMUNICATION SYSTEM LABORATORY

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C308.1	Simulate & validate the various functional modules of a communication system	A
C308.2	Demonstrate their knowledge in base band signaling schemes through implementation of digital modulation schemes	A
C308.3	Apply various channel coding schemes	A
C308.4	Demonstrate their capabilities towards the improvement of the noise performance of communication system	A
C308.5	Simulate end-to-end communication Link	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C308.1	**3**	**2**	**2**	**1**	**2**	**1**					**3**	**3**	**3**	3	3
C308.2	**3**	**2**	**2**	**1**	**2**	**1**					**0**	**0**	**2**	2	2
C308.3	**3**	**2**	**2**	**1**	**2**	**1**					**0**	**0**	**2**	2	2
C308.4	**3**	**2**	**2**	**1**	**2**	**1**					**0**	**0**	**2**	2	2
C308.5	**3**	**2**	**2**	**1**	**2**	**1**					**3**	**3**	**3**	3	3
C308	**3**	**2**	**2**	**1**	**2**	**1**					**1.2**	**1.2**	**2.4**	**2.4**	**2.4**

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EC8563 – COMMUNICATION NETWORKS LABORATORY

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C309.1	Communicate between two desktop computers	A
C309.2	Implement the different protocols	A
C309.3	Program using sockets.	A
C309.4	Implement and compare the various routing algorithms	AN
C309.5	Use the simulation tool.	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C309.1	**3**	**2**	**1**	**1**	**2**	**2**					**2**	**2**	**3**	2	2
C309.2	**3**	**2**	**1**	**1**	**2**	**2**					**2**	**2**	**3**	2	2
C309.3	**3**	**2**	**1**	**1**	**2**	**2**					**2**	**2**	**3**	2	2
C309.4	**3**	**2**	**2**	**2**	**3**	**3**					**3**	**3**	**3**	3	3
C309.5	**3**	**2**	**1**	**1**	**2**	**2**					**2**	**2**	**3**	2	2
C309	**3**	**2**	**1.2**	**1.2**	**2.2**	**2.2**					**2.2**	**2.2**	**3**	**2.2**	**2.2**

VI SEMESTER

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8691 – MICROPROCESSOR AND MICROCONTROLLER

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C310.1	Understand the Architecture of 8086 microprocessor.	**U**
C310.2	learn the design aspects of I/O and Memory Interfacing circuits.	**U**
C310.3	Interface microprocessors with supporting chips.	**AN**
C310.4	Study the Architecture of 8051 microcontroller.	**U**
C311.5	Design a microcontroller based system	**A**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C310.1	2	2	2	2	1	1					1	1	2	2	1
C310.2	2	2	2	2	1	1					1	1	2	2	1
C310.3	3	3	3	3	3	3					2	2	3	3	2
C310.4	2	2	2	2	1	1					1	1	2	2	1
C310.5	3	3	3	3	2	2					2	2	3	3	2
C310	**2.4**	**2.4**	**2.4**	**2.4**	**1.6**	**1.6**					**1.4**	**1.4**	**2.4**	**2.4**	**1.4**

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EC8095 – VLSI DESIGN

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive level
C311.1	• Realize the concepts of digital building blocks using MOS transistor.	**U**
C311.2	• Design combinational MOS circuits and power strategies.	**A**
C311.3	Design of memory elements in sequential circuits.	**A**
C311.4	• Design arithmetic building blocks and memory subsystems.	**A**
C311.5	• Apply and implement FPGA design flow and testing.	**A**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C311.1	2	2	1	1	1	1					1	2	2	2	2
C311.2	3	3	2	2	2	2					2	2	3	3	3
C311.3	3	3	2	2	2	2					2	2	3	3	3
C311.4	3	3	2	2	2	2					2	2	3	3	3
C311.5	3	3	2	2	2	2					2	2	3	3	3
C311	**2.8**	**2.8**	**1.8**	**1.8**	**1.8**	**1.8**					**1.8**	**2**	**2.8**	**2.8**	**2.8**

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EC8652 – WIRELESS COMMUNICATION

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C312.1	Study the characteristic of wireless channel	**U**
C312.2	Design a cellular system based on resource availability and traffic demands	**A**
C312.3	Study the various digital signaling techniques for fading channel	**U**
C312.4	Apply various multipath mitigation techniques	**A**
C312.5	Understand the concepts of multiple antenna techniques	**U**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C312.1	2	2	1	1	1	1					1	2	3	2	2
C312.2	3	3	2	2	2	2					2	3	3	3	3
C312.3	2	2	1	1	1	1					1	2	3	2	2
C312.4	3	3	2	2	2	2					2	3	3	3	3
C312.5	2	2	1	1	1	1					1	2	3	2	2
C312	**2.4**	**2.4**	**1.4**	**1.4**	**1.4**	**1.4**					**1.4**	**2.4**	**3**	**2.4**	**2.4**

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MG8591 – PRINCIPLES OF MANAGEMENT

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C313.1	Summarize the evolution of management thoughts and various challenges of managerial activities in a global	**R**
C313.2	Explain the types of Planning and Decision making at various levels management in the Organizations	**U**
C313.3	Discuss various types of Organisation structure.	**U**
C313.4	List out the steps in Staffing process and stages in Career development.	**U**
C313.5	Generalize various Controlling techniques to maintain standards in Organizations.	**A**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**		**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C313.1						1	1	1		1	1	1	1	1	-
C313.2						2	2	2		2	2	2	2	2	-
C313.3						2	2	2		2	2	2	2	2	-
C313.4						2	2	2		2	2	2	2	2	-
C313.5						3	3	3		3	3	3	3	3	-
C313						**2**	**2**	**2**		**2**	**2**	**2**	**2**	**2**	-

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EC8651 – TRANSMISSION LINES AND RF SYSTEMS

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C314.1	Explain the characteristics of transmission lines and its losses	**U**
C314.2	Write about the standing wave ratio and input impedance in high frequency transmission lines	**U**
C314.3	Analyze impedance matching by stubs using smith charts	**AN**
C314.4	Analyze the characteristics of TE and TM waves	**AN**
C314.5	Design a RF transceiver system for wireless communication	**A**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C314.1	2	2	1	1	1	1					1	2	2	2	2
C314.2	2	2	1	1	1	1					1	2	2	2	2
C314.3	3	3	2	2	2	2					2	3	3	3	3
C314.4	3	3	2	2	2	2					2	3	3	3	3
C314.5	3	3	3	3	2	2					2	3	3	3	3
C314	**2.6**	**2.6**	**1.8**	**1.8**	**1.6**	**1.6**					**1.6**	**2.6**	**2.6**	**2.6**	**2.6**

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EC8004 – WIRELESS NETWORKS

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C315.1	Conversant with the latest 3G/4G networks and its architecture	**U**
C315.2	Design and implement wireless network environment for any application using latest wireless protocols and standards	**A**
C315.3	Ability to select the suitable network depending on the availability and requirement	**U**
C315.4	Implement different type of applications for smart phones and mobile devices with latest network strategies	**A**
C315.5	learn the applications of beyond 4G wireless networks	**U**

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C315.1	2	2	1	1	1	1					1	2	2	2	1
C315.2	3	3	2	2	2	2					2	3	3	3	2
C315.3	2	2	1	1	1	1					1	2	2	2	1
C315.4	3	3	2	2	2	2					2	3	3	3	2
C315.5	2	2	1	1	1	1					1	2	2	2	1
C315	**2.4**	**2.4**	**1.4**	**1.4**	**1.4**	**1.4**					**1.4**	**2.4**	**2.4**	**2.4**	**1.4**

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EC8681 – MICROPROCESSOR AND MICROCONTROLLER LABORATORY

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C316.1	Write ALP Programmes for fixed and Floating Point and Arithmetic operations	U
C316.2	Interface different I/Os with processor	A
C316.3	Generate waveforms using Microprocessors	A
C316.4	Execute Programs in 8051	A
C316.5	Explain the difference between simulator and Emulator	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
C317.1	2	2	1	1	1	1					1	1	2		2
C317.2	3	2	1	0	0	0					0	0	0	1	3
C317.3	1	0	0	3	2	1					0	0	0	1	1
C317.4	1	1	3	3	0	0					1	0	0	1	1
C317.5	3	1	0	3	0	0					1	0	1	1	3
C317	**2.2**	**1.2**	**1**	**1.8**	**0.4**	**0.2**					**0.4**	**0**	**0.2**	**1**	**2.2**

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8661 – VLSI DESIGN LABORATORY

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Coginitive Lvel
C317.1	Write HDL code for basic as well as advanced digital integrated circuit	A
C317.2	Import the logic modules into FPGA Boards	A
C317.3	Synthesize Place and Route the digital Ips	A
C317.4	Designt the layouts of Digital & Analog IC Blocks using EDA tools	A
C317.5	Simulate and Extract the layouts of Digital & Analog IC Blocks using EDA tools	A

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C317.1	3	2	1	0	0	0					0	0	0	1	2
C317.2	3	2	1	0	0	0					0	0	0	1	2
C317.3	1	0	0	3	2	1					0	0	0	1	2
C317.4	1	1	3	3	0	0					1	0	0	1	2
C317.5	3	1	0	3	0	0					1	0	1	1	2
C317	**2.2**	**1.2**	**1**	**1.8**	**0.4**	**0.2**					**0.4**	**0**	**0.2**	**1**	**2**

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8611 – TECHNICAL SEMINAR

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C318.1	Establish motivation for any topic of interest and develop a thought process for technical presentation	U
C319.2	Organize a detailed literature survey and build a document with respect to technical publications	U
C319.3	Analysis and comprehension of proof-of-concept and related data.	U
C319.4	Effective presentation and improve soft skills.	U
C319.5	Make use of new and recent technology (e.g. Latex) for creating technical reports	U

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C319.1		2		2	2	2		2	2		2	2	2	2	2
C319.2		2		2	2	2		2	2		2	2	2	2	2
C319.3		2		2	2	2		2	2		2	2	2	2	2
C319.4		2		2	2	2		2	2		2	2	2	2	2
C319.5		2		2	2	2		2	2		2	2	2	2	2
C319		2		2	2	2		2	2		2	2	2	2	2

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

HS8581 – PROFESSIONAL COMMUNICATION

COURSE OUTCOMES

After successful completion of the course, the students should be able to

CO No.	Course Outcomes	Cognitive Level
C318.1	Make effective presentations	An
C319.2	Participate confidently in Group Discussions.	An
C319.3	Attend job interviews and be successful in them	An
C319.4	Develop adequate Soft Skills required for the workplace	An
C319.5	Develop Team management skills	An

MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOME

Course Outcomes	Program Outcomes												Program Specific Outcomes		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C319.1						3				3		3	1	1	2
C319.2						3				3		3	1	1	2
C319.3						3				3		3	1	1	2
C319.4						3				3		3	1	1	2
C319.5						3				3		3	1	1	2
C319						**3**				3		**3**	**1**	**1**	**2**