PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

III SEMESTER

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MA8352 – LINEAR ALGEBRA AND PARTIAL DIFFERENTIAL EQUATIONS

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C201.1	To introduce the basic notions of groups, rings, fields which will then be used to solverelated problems.	U
C201.2	Demonstrate accurate and efficient use of advanced algebraic techniques	U
C201.3	Demonstrate their mastery by solving non - trivial problems related to the concepts and by simple theorems about the statements proven by the text.	U
C201.4	Able to solve various types of partial differential equations.	A
C201.5	Able to solve engineering problems using Fourier series..	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
C201.1	2	2	2	1	1						1	1	2	2	1
C201.2	2	2	2	1	1						1	1	2	2	1
C201.3	2	2	2	1	1						1	1	2	2	1
C201.4	3	3	3	2	2						2	2	3	3	2
C201.5	3	3	3	2	2						2	2	3	3	2
C201	**2.4**	**2.4**	**2.4**	**1.4**	**1.4**						**1.4**	**1.4**	**2.4**	**2.4**	**1.4**

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8393 – FUNDAMENTALS OF DATA STRUCTURES IN C

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C202.1	Implement linear and non-linear data structure operations using C	**A**
C202.2	Suggest appropriate linear / non-linear data structure for any given data set.	**U**
C202.3	Apply hashing concepts for a given problem	**A**
C202.4	Modify or suggest new data structure for an application	**U**
C202.5	Appropriately choose the sorting algorithm for an application	**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**
C202.1	3	3	3	2	2	2					3	3	3	3	2
C202.2	2	2	2	2	2	2					2	2	2	2	1
C202.3	3	3	3	2	2	2					3	3	3	3	2
C202.4	2	2	2	2	2	2					2	2	2	2	1
C202.5	2	2	2	2	2	2					2	2	2	2	1
C202	**2.4**	**2.4**	**2.4**	**2**	**2**	**2**					**2.4**	**2.4**	**2.4**	**2.4**	**1.4**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8351 – ELECTRONIC CIRCUITS 1

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C203.1	Acquire knowledge of Working principles, characteristics and applications of BJT and FET	U
C203.2	Acquire knowledge of Frequency response characteristics of BJT and FET amplifiers	U
C203.3	Analyze the performance of small signal BJT and FET amplifiers - single stage and multistage amplifiers	An
C203.4	Analyze the of Frequency response of amplifiers	An
C203.5	Apply the knowledge gained in the design of Electronic circuits	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**
C203.1	2	2	2	1	1	1					1	2	2	1	2
C203.2	2	2	2	1	1	1					1	2	2	1	2
C203.3	3	3	3	2	2	2					2	3	3	2	3
C203.4	3	3	3	2	2	2					2	3	3	2	3
C203.5	3	3	3	2	2	2					2	3	3	2	3
C203	**2.6**	**2.6**	**2.6**	**1.6**	**1.6**	**1.6**					**1.6**	**2.6**	**2.6**	**1.6**	**2.6**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8352 – SIGNALS AND SYSTEMS

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C204.1	Determine if a given system is linear/causal/stable	A
C204.2	Capable of determining the frequency components present in a deterministic signal	A
C204.3	Capable of characterizing LTI systems in the time domain and frequency domain	U
C204.4	Compute the output of an LTI system in the time and frequency domains	A
C204.5	Analyze the Discrete time signals using Transforms	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
C204.1	3	3	2	2	2	1					1	2	3	3	3
C204.2	3	3	2	2	2	1					1	2	3	3	3
C204.3	2	2	1	1	1	0					0	1	2	2	2
C204.4	3	3	2	2	2	1					1	2	3	3	3
C204.5	3	3	2	2	2	1					1	2	3	3	3
C204	**2.8**	**2.8**	**1.8**	**1.8**	**1.8**	**0.8**					**0.8**	**1.8**	**2.8**	**2.8**	**2.8**

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EC8392 – DIGITAL ELECTRONICS

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C205.1	Use digital electronics in the present contemporary world	**An**
C205.2	Design various combinational digital circuits using logic gates	**A**
C205.3	Do the analysis and design procedures for synchronous and asynchronous sequential circuits	**An**
C205.4	Use the semiconductor memories and related technology	**An**
C205.5	Use electronic circuits involved in the design of logic gates	**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
C205.1	3	3	2	2	2	1					1	2	3	2	2
C205.2	3	3	2	2	2	1					1	2	3	2	2
C205.3	3	3	2	2	2	1					1	2	3	2	2
C205.4	3	3	2	2	2	1					1	2	3	2	2
C205.5	3	3	2	2	2	1					1	2	3	2	2
C205	**3**	**3**	**2**	**2**	**2**	**1**					**1**	**2**	**3**	**2**	**2**

HOD/ECE

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EC8391 – CONTROL SYSTEMS ENGINEERING

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C206.1	Identify the various control system components and their representations.	**U**
C206.2	Analyze the various time domain parameters.	**An**
C206.3	Analyze the various frequency response plots and its system.	**An**
C206.4	Apply the concepts of various system stability criterions.	**A**
C206.5	Design various transfer functions of digital control system using state variable models.	**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**
C206.1	2	2	1	1	1	1					1	1	2	2	1
C206.2	3	3	2	2	2	2					2	2	3	3	2
C206.3	3	3	2	2	2	2					2	2	3	3	2
C206.4	3	3	2	2	2	2					2	2	3	3	2
C206.5	3	3	2	2	2	2					2	2	3	3	2
C206	**2.8**	**2.8**	**1.8**	**1.8**	**1.8**	**1.8**					**1.8**	**1.8**	**2.8**	**2.8**	**1.8**

HOD/ECE

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EC8381 – FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive Level
C207.1	Write basic and advanced programs in C	U
C207.2	Implement functions and recursive functions in C	A
C207.3	Implement data structures using C	A
C207.4	Choose appropriate sorting algorithms for an application	U
C207.5	Choose appropriate sorting algorithm to implement in a modularizedway	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**
C207.1	2	2	1	1	1	1					2	2	1	1	1
C207.2	3	3	2	2	2	2					3	3	2	2	2
C207.3	3	3	2	2	2	2					3	3	2	2	2
C207.4	2	2	1	1	1	1					2	2	1	1	1
C207.5	2	2	1	1	1	1					2	2	1	1	1
C207	**2.4**	**2.4**	**1.4**	**1.4**	**1.4**	**1.4**					**2.4**	**2.4**	**1.4**	**1.4**	**1.4**

HOD/ECE

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8361 – ANALOG AND DIGITAL CIRCUITS LABORATORY

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C208.1	Design and Test rectifiers, filters and regulated power supplies.	AN
C208.2	Design and Test BJT/JFET amplifiers.	AN
C208.3	Differentiate cascode and cascade amplifiers.	A
C208.4	Analyze the limitation in bandwidth of single stage and multi stage amplifier & Measure CMRR in differential amplifier	AN
C208.5	Simulate and analyze amplifier circuits using PSpice.& Design and Test the digital logic circuits	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
C208.1	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	2	2
C208.2	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	2	2
C208.3	**3**	**3**	**2**	**2**	**2**	**2**					**2**	**2**	**2**	1	1
C208.4	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	2	2
C208.5	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	2	2
C208	**3**	**3**	**2.8**	**2.8**	**2.8**	**2**					**2.8**	**2.8**	**2.8**	**1.8**	**1.8**

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HS8381 Interpersonal Skills/Listening &Speaking

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C209.1	Learn the importance of interpersonal skills	R
C209.2	Recognize the importance of interpersonal skills	U
C209.3	Understand how good communication with other can influence our working relationships	U
C209.4	Describe how good communication with other can influence our working relationships	U
C209.5	outline the roles we play in our work groups and teams	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
C208.1						**1**		**1**	**1**	**1**	**1**	**1**	**1**	1	**1**
C209.2						**2**		**2**	**2**	**2**	**2**	**2**	**2**	2	**2**
C209.3						**2**		**2**	**2**	**2**	**2**	**2**	**2**	2	**2**
C209.4						**2**		**2**	**2**	**2**	**2**	**2**	**2**	2	**2**
C209.5						**2**		**2**	**2**	**2**	**2**	**2**	**2**	2	**2**
C209						1.8		1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

HOD/ECE

IV SEMESTER

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MA8451 – PROBABILITY AND RANDOM PROCESSES

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive Level
C210.1	Understand the fundamental knowledge of the concepts of probability and have knowledgeof standard distributions which can describe real life phenomenon.	U
C210.2	Understand the basic concepts of one and two dimensional random variables and apply inengineering applications..	U
C210.3	Apply the concept random processes in engineering disciplines.	A
C210.4	Understand and apply the concept of correlation and spectral densities.	U
C210.5	The students will have an exposure of various distribution functions and help in acquiring skills in handling situations involving more than one variable. Able to analyze the response of random inputs to linear time invariant systems.	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
C210.1	2	2	1	1	1						1	1	1	1	0
C210.2	2	2	1	1	1						1	1	1	1	0
C210.3	3	3	2	2	2						2	2	2	2	0
C210.4	2	2	1	1	1						1	1	1	1	0
C210.5	3	3	2	2	2						2	2	2	2	0
C210	**2.4**	**2.4**	**1.4**	**1.4**	**1.4**						**1.4**	**1.4**	**1.4**	**1.4**	**0**

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EC8452 – ELECTRONIC CIRCUITS II

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive Level
C211.1	Design and analyze feedback amplifiers	**AN**
C211.2	Design and analyze RC and LC Oscillators	**A**
C211.3	Design and analyze tuned amplifiers	**AN**
C211.4	Design and analyze wave shaping circuits, multivibrators	**A**
C211.5	Design power amplifier and DC convertors.	**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**
C211.1	3	3	2	2	1	1					1	1	2	2	2
C211.2	3	3	3	3	0	0					0	0	1	1	1
C211.3	3	3	2	2	1	1					1	1	2	2	2
C211.4	3	3	3	3	0	0					0	0	1	1	1
C21.5	3	3	3	3	0	0					0	0	1	1	1
C211	**3**	**3**	**2.6**	**2.6**	**0.4**	**0.4**					**0.4**	**0.4**	**1.4**	**1.4**	**1.4**

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EC8491 – COMMUNICATION THEORY

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C212.1	Design AM communication systems	**A**
C212.2	Design Angle modulated communication systems	**A**
C212.3	Apply the concepts of Random Process to the design of Communication systems	**A**
C212.4	Analyze the noise performance of AM and FM systems	**AN**
C212.5	Gain knowledge in sampling and quantization	**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**
C212.1	3	3	2	2	2	2					2	2	2	2	1
C212.2	3	3	2	2	2	2					2	2	2	2	1
C212.3	3	3	2	2	2	2					2	2	2	2	1
C212.4	3	3	3	3	3	3					3	3	3	3	2
C212.5	2	2	2	2	0	0					0	1	2	2	2
C212	2.8	2.8	2.2	2.2	1.8	1.8					1.8	2	2.2	2.2	1.4

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EC8451 – ELECTROMAGNETIC FIELDS

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C213.1	Display an understanding of fundamental electromagnetic laws and concepts	**R**
C213.2	Write Maxwell's equations in integral, differential and phasor forms and explain their physical meaning	**U**
C213.3	Explain electromagnetic wave propagation in lossy and in lossless media	**R**
C213.4	Solve simple problems requiring estimation of electric field quantities based on these concepts and laws	**A**
C213.5	Solve simple problems requiring estimation of magnetic field quantities based on these concepts and laws	**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**	**PSO 1**	**PSO 2**	**PSO 3**
C213.1	1	1	1	1	1	1					1	1	1	1	1
C213.2	2	2	2	2	2	2					2	2	2	2	2
C213.3	1	1	1	1	1	1					1	1	1	1	1
C213.4	3	3	3	3	3	3					3	3	3	3	3
C213.5	3	3	3	3	3	3					3	3	3	3	3
C213	**2**	**2**	**2**	**2**	**2**	**2**					**2**	**2**	**2**	**2**	**2**

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EC8453 – LINEAR INTEGRATED CIRCUITS

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C214.1	Design linear and non linear application of OP-AMP	**A**
C214.2	Design Application using analog multiplier and PLL	**A**
C214.3	Design ADC and DAC using OP-AMP	**A**
C214.4	Generate waveforms using OP – AMP Circuits	**A**
C214.5	Analyze special function Ics	**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**
C214.1	3	3	2	2	1	1					1	1	2	2	1
C214.2	3	3	2	2	1	1					1	1	2	2	1
C214.3	3	3	2	2	1	1					1	1	2	2	1
C214.4	3	3	2	2	1	1					1	1	2	2	1
C214.5	3	3	3	3	2	2					2	2	3	3	2
C214	**3**	**3**	**2.2**	**2.2**	**1.2**	**1.2**					**1.2**	**1.2**	**2.2**	**2.2**	**1.2**

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GE8291 – ENVIRONMENTAL SCIENCE AND ENGINEERING

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive level
C215.1	Environmental Pollution or problems cannot be solved by mere laws.	**R**
C215.2	Public participation isan important aspect which serves the environmental Protection. One will obtain knowledgeon the following after completing the course.	**U**
C215.3	Public awareness of environmental is at infant stage.	**U**
C215.4	Ignorance and incomplete knowledge has lead to misconceptions	**U**
C215.5	Development and improvement in standard. of living has lead to serious environmental disasters	**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**
C2145.1	1	1		1		1	1	1		1		1			
C2152	2	2		2		2	2	2		2		2			
C215.3	2	2		2		2	2	2		2		2			
C215.4	2	2		2		2	2	2		2		2			
C215.5	2	2		2		2	2	2		2		2			
C215	**1.8**	**1.8**		**1.8**		**1.8**	**1.8**	**1.8**		**1.8**		**1.8**			

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8461 – CIRCUITS DESIGN AND SIMULATION LABORATORY

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive Level
C216.1	Analyze various types of feedback amplifiers	AN
C216.2	Design oscillators, tuned amplifiers, wave-shaping circuits and multivibrators	A
C216.3	Design and simulate feedback amplifiers, oscillators using SPICE Tool	A
C216.4	Design and simulate uned amplifiers, wave-shaping circuits using SPICE Tool	A
C216.5	Design and simulate multivibrators using SPICE 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**
C216.1	3	2	2	2	2	2					2	2	2	2	3
C216.2	3	2	1	1	1	1					1	1	1	1	2
C216.3	3	2	1	1	1	1					1	1	1	1	2
C216.4	3	2	1	1	1	1					1	1	1	1	2
C216.5	3	2	1	1	1	1					1	1	1	1	2
C216	**3**	**2**	**1.2**	**1.2**	**1.2**	**1.2**					**1.2**	**1.2**	**1.2**	**1.2**	**2.2**

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EC8462 – LINEAR INTEGRATED CIRCUITS LABORATORY

COURSE OUTCOMES

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

CO No.	Course Outcomes	Cognitive Level
C217.1	Design amplifiers, oscillators, D-A converters using operational amplifiers.	A
C217.2	Design filters using op-amp and performs an experiment on frequency response.	A
C217.3	Analyze the working of PLL and describe its application as a frequency multiplier.	AN
C217.4	Design DC power supply using ICs.	A
C217.5	Analyze the performance of filters, multivibrators, A/D converter and analog multiplier using SPICE.	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**
C217.1	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	3	2
C217.2	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	3	2
C217.3	**3**	**3**	**2**	**2**	**2**	**1**					**2**	**2**	**2**	2	1
C217.4	**3**	**3**	**3**	**3**	**3**	**2**					**3**	**3**	**3**	3	2
C217.5	**3**	**3**	**2**	**2**	**2**	**1**					**2**	**2**	**2**	2	1
C217	**3**	**3**	**2.6**	**2.6**	**2.6**	**1.6**					**2.6**	**2.6**	**2.6**	**2.6**	**1.6**