AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Approved by All Inda Council for Technical Education - New Delhi Affilitated to Anna University, Chennai
NACC Accredited Institution
"Nizara Educational Campus", Muthapudupet, Avadi - IAF, Chennai - 600 055.

ELECTRICAL AND ELECTRONICS ENGINEERING															
EE3251	ELECTRIC CIRCUIT ANALYSIS														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	3	2									1	1	1
CO2	1	3	3	3	1	1	1					1	2	2	2
CO3	2	3	3	3	1		1					2	2	2	2
CO4	2	3	2	3	1							2	1	2	2
CO5	1	2	2	2	2							1	2	1	1
AVG	1.6	2.4	2.6	2.6	1.3	1	1					1.5	1.6	1.6	1.6

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Explain circuit's behavior using circuit laws.
CO2	Compute the transient response of first order and second order
CO3	Cpompute power, line/Phase voltage and current of the given three
CO4	Explain the frequency response of series and parallel RLC circuits
CO5	Explain the behavior of magnetically coupled circuits

CIVIL ENGINEERING															
BE3252	BASIC ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3	3	3									1	2	2
CO2	1	2	2	2	2	1	1					1	2	2	2
CO3	2	3	3	3	2		1					2	2	2	2
CO4	1	3	3	3	1							2	2	2	2
CO5	1	1	1	1	1							1	2	2	2
AVG	1.4	2.4	2.4	2.4	1.5	1	1					1.5	1.8	2	2

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Compute the electric circuit parameters for simple problems
CO2	Explain the concepts of domestics wiring and protective devices
CO3	Explain the working principle and applications of electrical machines
CO4	Analyze the characteristics of analog electronic devices
CO5	Explain the types and operating principles of sensors and transducers

COMPUTER SCIENCE ENGINEERING															
BE3251	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3	1										1	2	1
CO2	1	2	2	2	2		1				1	1	2	2	2
CO3	1	3	2	3	2	2						2	1	2	1
CO4	1	2	3	2	1							2	2	2	2
CO5	3	2	2	2	2							1	1	2	2
AVG	1.6	2.4	2	2.25	1.8	2	1				1	1.5	1.4	2	1.6

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Compute the electric circuit parameters for simple problems
CO2	Explain the working principle and applications of electrical machines
CO3	Analyze the characteristics of analog electronic devices
CO4	Explain the basic concepts of digital electronics
CO5	Explain the operating principles of measuring instruments

ELECTRONICS AND COMMUNICATION ENGINEERING															
BE3254	ELECTRICAL AND INSTRUMENTATION ENGINEERING														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1										1	1	1
CO2	1	2	3	2	2		1				1	1	2	2	2
CO3	1	3	3	2	2	2						2	1	2	2
CO4	1	2	3	3	3							2	2	2	2
CO5	2	2	2	2	2							1	2	1	1
AVG	1.4	2.2	2.4	2.25	2.3	2	1				1	1.5	1.6	1.6	1.6

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Explain the working principle of electrical machines
CO2	Analyze the output characterizes of electrical machines
CO3	Choose the appropriate electrical machines for various applications
CO4	Explain the types and operating principles of measuring instruments
CO5	Explain the basic power system structure and protection schemes

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MECHANICAL ENGINEERING															
BE3251	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3	1										1	2	1
CO2	1	2	2	2	2		1				1	1	2	2	2
CO3	1	3	2	3	2	2						2	1	2	1
CO4	1	2	3	2	1							2	2	2	2
CO5	3	2	2	2	2							1	1	2	2
AVG	1.6	2.4	2	2.25	1.8	2	1				1	1.5	1.4	2	1.6

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Compute the electric circuit parameters for simple problems
CO2	Explain the working principle and applications of electrical machines
CO3	Analyze the characteristics of analog electronic devices
CO4	Explain the basic concepts of digital electronics
CO5	Explain the operating principles of measuring instruments

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE															
BE3251	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	3	1										1	2	1
CO2	1	2	2	2	2		1				1	1	2	2	2
CO3	1	3	2	3	2	2						2	1	2	1
CO4	1	2	3	2	1							2	2	2	2
CO5	3	2	2	2	2							1	1	2	2
AVG	1.6	2.4	2	2.25	1.8	2	1				1	1.5	1.4	2	1.6

CORRELATION	
0	NA
1	LOW
2	MEDIUM
3	HIGH

CO1	Compute the electric circuit parameters for simple problems
CO2	Explain the working principle and applications of electrical machines
CO3	Analyze the characteristics of analog electronic devices
CO4	Explain the basic concepts of digital electronics
CO5	Explain the operating principles of measuring instruments

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INFORMATION TECHNOLOGY															
BE3251	**BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING**														
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO1**	**PSO2**	**PSO3**
CO1	**2**	**3**	**1**										**1**	**2**	**1**
CO2	**1**	**2**	**2**	**2**	**2**		**1**				**1**	**1**	**2**	**2**	**2**
CO3	**1**	**3**	**2**	**3**	**2**	**2**						**2**	**1**	**2**	**1**
CO4	**1**	**2**	**3**	**2**	**1**							**2**	**2**	**2**	**2**
CO5	**3**	**2**	**2**	**2**	**2**							**1**	**1**	**2**	**2**
AVG	1.6	2.4	2	2.25	1.8	2	1				1	1.5	1.4	2	1.6

CORRELATION	
0	**NA**
1	**LOW**
2	**MEDIUM**
3	**HIGH**

CO1	Compute the electric circuit parameters for simple problems
CO2	Explain the working principle and applications of electrical machines
CO3	Analyze the characteristics of analog electronic devices
CO4	Explain the basic concepts of digital electronics
CO5	Explain the operating principles of measuring instruments