MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Graduate Survey-2023

Branch: Electrical & Electronics Engineering Programme: B.Tech.

https://www.quia.com/sv/1209447.html

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The Count Extent B-To a Moderate Extent C-10 a Sign The	A	В	C	D	E	Att.	of Cos
	will b		_	-		Att.	% of Att.
an acres of the Company of the end of the programme, g	WIII II	e an				A-5-1-00-0	
	50	13	3	0	2	0.92	92.06
	2211	1.5	-				
t 13 for forestellate research lifefaulte, and analyze construct							
PO2: Problem Analysis: Identify, formulate, research principles of mathematics, natural sciences, problems reaching substantiated conclusions using first principles of mathematics, natural sciences.	42	20	4	0	2	0.89	89.41
	14-						
Decian solutions for complex engineering problems and as a							
and the processes that meet the specified needs with appropriate constraints	44	18	4	0	2	0.90	90.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
and the standard specific problems: Use research-based knowledge including design at							
experiments, analysis and interpretation of data, and synthesis of the information to provide valid	46	17	3	0	2	0.91	90.88
and the same							
POS: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern							
engineering and 11 tools including prediction and modeling to complex engineering activities with an	47	16	3	0	2	0.91	91.18
understanding of the limitations.							
PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess							
societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the	45	19	2	0	2	0.91	90.88
professional engineering practice							
POT Environment and sustainability. Understand the impact of the professional engineering solutions		1					
in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable	42	21	3	0	2	0.90	89.71
development POS. Ethics. Apply ethical principles and commit to professional ethics and responsibilities and norm							
	44	20	2	0	2	0.91	90.59
of the engineering practice. PO9: Individual and teamwork: Function effectively as an individual, and as a member or leader in							
diverse teams, and in multidisciplinary settings.	45	20	1	0	2	0.91	91.18
PO10. Communication. Communicate effectively on complex engineering activities with the							
engineering community and with the society at large, such as, being able to comprehend and write			1				
effective reports and design documentation, make effective presentations, and give and receive clear							
or the charge	46	18	2	0	2	0.91	91.18
Dealer Beauert management and finance: Demonstrate knowledge and understanding of the engineering							
and management principles and apply these to one's own work, as a member and leader in a team, to				1			
manage projects and in multidisciplinary environments.	44	19	3	0	2	0.90	90.29
PO12: Life-long learning: Recognize the need for and have the preparation and ability to engage in			1				
and life long learning in the broadest context of technological change.	47	17			- T	0.000	
PROGRAM SPECIFIC OUTCOMES (PSOs) The Electrical and Electronics	Engin	eeri	ng (Grad	uate	s will	be able to
PSO 1: Facilitate technical solutions for different power issues to maintain the stability and							
reliability of Power Systems.	49	14	1 3	3 0) 2	0.9	2 91.7
PSO 2: Control the various power electronics converters, electrical machines / drives used in							
	46	11	7	3 () :	0.9	90.8
PSO 3: Understand various computational tools / methods for the design and analysis of		+	+				
	50	1	4	2 (o :	2 0 9	92.3
various alectrical systems	233	1 1	3 3	- '		87.00	Fig. 1. (1. 6m.) (

PROGRAM OUTCOMES (POs)

91.47 91 18 91.18 91 18 90 88 90.29 90.00

Faculty Incharge

various electrical systems.

Dr. VB Thurai Roaj

PROGRAM SPECIFIC OUTCOMES (PSOs)

0.92

92 35 92.50 92.00 91.00 00.50 90.00



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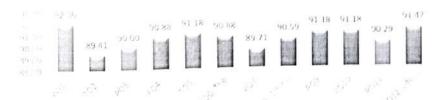
Graduate Survey-2023

Programme: B.Tech. Branch: Electrical & Electronics Engineering

https://www.quia.com/sv/1209447.html

A-To a Great Extent B-To a Moderate Extent C-To a Slight Extent D-To a Vo Course Outcomes: At the end of course, the student will be able to				D	E	77.77	of Cos
PROGRAM OUTCOMES (POs) At the end of the programme, graduate			le te		-	Att.	% of Att
PO1: Engineering Knowledge. Apply the knowledge of mathematics, science, engineering							
fundamentals, and an engineering specialisation for the solution of complex engineering problems.	50	13	3	0	2	0.92	92.06
PO2: Problem Analysis Identify, formulate, research literature, and analyze complex engineering							
problems reaching substantiated conclusions using first principles of mathematics, natural sciences,							
and engineering sciences	42	20	4	0	2	0.89	89.41
PO3. Design development of solutions: Design solutions for complex engineering problems and design							
system components or processes that meet the specified needs with appropriate consideration for							
public health and safety, and cultural, societal, and environmental considerations.	44	18	4	0	2	0.90	90.00
PO4: Conduct investigations of complex problems: Use research-based knowledge including design of							
experiments, analysis and interpretation of data, and synthesis of the information to provide valid				38.1	1 60	2000	20000000
conclusions	46	17	3	0	2	0.91	90.88
PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern							
engineering and IT tools including prediction and modeling to complex engineering activities with an							
understanding of the limitations.	47	16	3	0	2	0.91	91.18
PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess							
societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the		10000000		1000	_		
professional engineering practice	45	19	2	0	2	0.91	90.88
POT: Environment and sustainability: Understand the impact of the professional engineering solutions							
in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable					١,	0.00	
development	42	21	3	0	2	0.90	89.71
POS. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norm		20	١,		1	0.01	100.50
of the engineering practice.	44	20	2	0	2	0.91	90.59
PO9 Individual and teamwork: Function effectively as an individual, and as a member or leader in		20	٠,	0	2	0.91	01.19
diverse teams, and in multidisciplinary settings.	45	20	1	0		0.91	91.18
PO10 Communication: Communicate effectively on complex engineering activities with the							
engineering community and with the society at large, such as, being able to comprehend and write							
effective reports and design documentation, make effective presentations, and give and receive clear	46	18	2	0	2	0.91	91.18
instructions.	40	10	-	U	-	0.71	21.10
POTT Project management and finance: Demonstrate knowledge and understanding of the engineering							
and management principles and apply these to one's own work, as a member and leader in a team, to	44	19	3	0	2	0.90	90.29
manage projects and in multidisciplinary environments.	31.51	17	-	-	-	1	
PO12. Life-long learning: Recognize the need for and have the preparation and ability to engage in	47	17	2	0	2	0.91	91.47
independent and life-long learning in the broadest context of technological change.			a C		100		
PROGRAM SPECIFIC OUTCOMES (PSOs) The Electrical and Electronics E	I	T	g G	laut	lates	THE DE	able to
PSO 1: Facilitate technical solutions for different power issues to maintain the stability and	40	1.4	1	1 0	2	0.02	01.76
reliability of Power Systems.	49	14	3	0	2	0.92	91.76
PSO 2: Control the various power electronics converters, electrical machines / drives used in	9961	THE	2	11	2	10.00	100.00
industry	46	17	3	0	2	0.91	90.88
PSO 3: Understand various computational tools / methods for the design and analysis of							
various electrical systems.	50	14	2	0	2	0.92	92,35

PROGRAM OUTCOMES (POs)



PROGRAM SPECIFIC OUTCOMES (PSOs)



Faculty Incharge
Dr. VB Thurai Ragi

