



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**  
(UGC Autonomous)  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
CO Attainment of 2014 - 18 Batch



Course Code and Name	% Direct attainment					% Indirect attainment					% Overall CO Attainment					Overall CO Attainment Level				
	CO 1	CO 2	CO 3	CO 4	CO 5	CO 1	CO 2	CO 3	CO 4	CO 5	CO 1	CO 2	CO 3	CO 4	CO 5	CO 1	CO 2	CO 3	CO 4	CO 5
14MAT103 Differential Equations & Laplace Transforms	80	71	89	83	76	85	82	84	85	88	81	73	88	83	78	3	2	3	3	2
14HUM101 Principles of Economics	81	62	67	69	60	86	86	83	78	78	82	67	70	71	64	3	1	2	2	1
14EEE102 Network Analysis	67	68	54	82	62	86	83	88	81	86	73	68	61	79	68	2	1	1	2	1
14EEE103 Electrical Machines	59	50	67	57	41	88	85	82	89	86	65	57	70	63	50	1	0	1	1	0
14EEE104 Digital Design	74	64	56	75	79	83	86	78	84	85	76	68	60	77	80	2	1	1	2	3
14EEE105 Electronic Devices	93	74	59	89	89	78	78	82	85	85	90	75	64	88	88	3	2	1	3	3
14EEE201 Electric Circuits Practical's	80	80	80	80	80	86	83	88	88	89	81	81	82	82	82	3	3	3	3	3
14EEE202 Electronics Practical's	70	70	70	70	70	88	86	87	87	86	74	73	73	73	73	2	2	2	2	2
14MAT104 Probability & Statistics (MOOCS)	64	64	64	64	64	-	-	-	-	-	64	64	64	64	64	1	1	1	1	1
14HUM102 Principles of Management	94	99	90	98	97	86	78	83	81	87	92	95	89	95	95	3	3	3	3	3
14EEE106 Electromagnetic Theory	79	78	75	77	72	77	78	77	79	81	79	78	75	77	74	2	2	2	2	2
14EEE107 Microprocessors & Interfacing	73	82	61	76	58	78	80	80	76	77	74	82	65	76	62	2	3	1	2	1
14EEE108 Control Systems	57	55	68	78	38	81	82	84	88	83	62	60	71	80	47	1	1	2	3	0
14EEE109 Analog Electronics	68	68	51	60	63	88	80	85	80	86	72	70	58	64	68	2	2	0	1	1
14EEE203 Microprocessors & Interfacing Practical's	84	84	84	84	84	88	88	90	89	90	85	85	85	85	85	3	3	3	3	3
14EEE204 Electrical Machines Practical's	78	78	78	78	78	90	89	91	90	91	80	80	81	80	81	3	3	3	3	3
14EEE110 Object Oriented Programming	70	70	87	71	83	86	83	88	88	89	73	73	87	74	84	2	2	3	2	3
14EEE111 Electrical Measurements & Instrumentation	90	84	67	88	79	86	84	86	85	84	89	84	71	87	80	3	3	2	3	2
14EEE112 Power Systems	79	74	86	63	74	86	84	85	83	88	80	76	86	67	77	3	2	3	1	2
14EEE114 Signals & Systems	62	43	86	60	73	89	90	86	90	91	67	52	86	66	77	1	0	3	1	2
14EEE205 Control Systems Practical's	92	92	92	92	92	81	81	82	81	80	90	90	90	90	90	3	3	3	3	3

14EEE206 Analog Electronics Practical's	84	84	84	84	84	84	83	84	83	86	84	84	84	84	3	3	3	3	3	
14ENG103 Soft Skills	72	73	88	68	71	83	85	83	76	78	74	75	87	70	72	2	2	3	1	2
14EEE115 Special Electrical Machines	83	77	71	68	75	81	81	76	82	82	83	78	72	71	76	3	2	2	2	2
14EEE116 Power System Analysis and Control	79	87	97	82	81	80	80	80	80	80	79	86	94	82	81	2	3	3	3	3
14EEE401 Modern Control Systems	87	84	83	94	77	90	89	91	90	91	88	85	85	93	80	3	3	3	3	2
14EEE207 Power Electronics Practical's	87	87	87	87	87	89	90	86	90	91	87	88	87	88	88	3	3	3	3	3
14EEE208 Object Oriented Programming Practical's	100	100	100	100	100	86	84	85	83	88	97	97	97	97	98	3	3	3	3	3
14EEE110 Object Oriented Programming	70	70	87	71	83	86	83	88	88	89	73	73	87	74	84	2	2	3	2	3
14EEE118 Electrical Drives	74	68	73	72	96	84	83	84	83	86	76	71	75	74	94	2	2	2	2	3
14EEE119 Engineering Optimization	89	92	96	82	81	81	81	80	77	80	87	90	93	81	81	3	3	3	3	3
14EEE120 Electric Power Utilization and Illumination	72	62	59	83	74	80	78	79	78	87	74	65	63	82	77	2	1	1	3	2
14EEE404 Switchgear and Protection	81	84	72	50	75	81	81	85	85	86	81	83	75	57	77	3	3	2	0	2
14EEE209 Digital Signal Processing Practical's	90	90	90	90	90	86	84	86	85	84	89	89	89	89	89	3	3	3	3	3
14EEE210 Power systems Practical's	94	94	94	94	94	85	84	87	85	85	92	92	93	92	92	3	3	3	3	3
14EEE501 Mini Project	97	88	77	74	72	82	78	78	77	79	94	86	77	75	73	3	3	2	2	2
14EEE502 Project Work	99	99	99*	99	99	77	79	81	82	84*	95	95	95	96	96	3	3*	3	3	3
14EEE601 Technical Seminar	89	89	89	89	89	77	77	82	79	78	87	87	88	87	87	3	3	3	3	3

  
Signature of Coordinator

  
Signature of HOD



Signature of Principal

  
PRINCIPAL

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PO Box NO 14, Kadiri Road, Angallu  
MADANAPALLE 517 325 A P



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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**



**PO Attainment of 2014 - 18 Batch**

COURSE	POs & PSOS ATTAINMENT (DIRECT)														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
14MAT103 Differential Equations & Laplace Transforms	80	80	81	81	-	-	-	-	-	-	-	-	-	-	-
14HUM101 Principles of Economics	-	-	-	-	-	-	-	-	-	70	70	69	-	-	-
14EEE102 Network Analysis	70	71	71	76	68	-	-	-	-	-	-	-	71	70	70
14EEE103 Electrical Machines	63	62	60	59	-	-	66	-	-	-	-	-	62	61	61
14EEE104 Digital Design	73	73	71	71	74	69	-	-	-	-	-	-	-	71	74
14EEE105 Electronic Devices	81	82	81	81	-	-	88	-	82	-	-	-	88	80	76
14EEE201 Electric Circuits Practical's	82	82	82	82	-	-	-	82	82	82	82	-	82	81	-
14EEE202 Electronics Practical's	73	73	73	73	-	-	-	-	73	73	-	-	-	73	73
14MAT104 Probability & Statistics (MOOCS)	64	64	64	64	-	-	-	-	-	-	-	-	64	64	64
14HUM102 Principles of Management	-	-	-	-	-	-	-	-	-	93	93	-	-	-	-
14EEE106 Electromagnetic Theory	77	77	77	77	-	-	-	-	-	-	-	-	78	76	76
14EEE107 Microprocessors & Interfacing	74	72	74	75	-	-	-	-	-	72	75	-	72	72	73
14EEE108 Control Systems	64	64	61	61	63	-	-	-	-	-	-	-	58	64	65
14EEE109 Analog Electronics	66	66	66	66	63	-	-	-	-	-	-	-	-	66	66
14EEE203 Microprocessors & Interfacing Practical's	85	85	85	85	85	-	-	-	85	85	-	-	85	85	85
14EEE204 Electrical Machines Practical's	80	80	80	80	-	-	-	-	80	-	-	-	80	80	80
14EEE110 Object Oriented Programming	79	79	84	84	78	-	-	-	81	79	81	-	-	81	83
14EEE111 Electrical Measurements & Instrumentation	82	83	83	83	-	-	-	-	-	-	-	-	88	79	81
14EEE112 Power Systems	77	77	77	77	-	-	-	-	-	-	-	-	77	78	77
14EEE113 Power Electronics (MOOCS)	100	100	100	100	100	-	-	-	-	-	-	-	100	100	100

14EEE114 Signals & Systems	69	70	70	70	70	-	-	-	-	-	-	-	72	65	72
14EEE205 Control Systems Practical's	90	90	90	90	90	-	-	-	-	-	-	-	-	-	-
14EEE206 Analog Electronics Practical's	84	84	84	84	-	-	-	-	90	90	-	-	90	90	90
14ENG103 Soft Skills	-	-	-	-	-	-	-	-	-	84	-	-	-	84	84
14EEE115 Special Electrical Machines	76	76	76	76	-	-	-	76	76	76	76	74	-	-	-
14EEE116 Power System Analysis and Control	84	85	85	85	-	-	-	-	75	-	-	-	74	76	80
14EEE117 Digital Signal Processing (MOOCS)	100	100	100	100	100	-	-	-	-	-	-	-	85	84	85
14EEE401 Modern Control Systems	86	87	86	86	-	-	-	-	-	-	-	-	100	100	100
14EEE207 Power Electronics Practical's	88	88	88	88	-	-	-	-	-	-	-	-	86	86	86
14EEE208 Object Oriented Programming Practical's	97	98	98	98	97	-	-	-	-	88	-	-	88	88	88
14EEE118 Electrical Drives	77	77	77	77	-	-	-	-	97	98	97	-	-	97	97
14EEE119 Engineering Optimization	83	85	86	85	-	-	-	-	-	-	-	-	-	77	77
14EEE120 Electric Power Utilization and Illumination	83	85	86	85	-	-	-	-	-	-	86	-	-	85	85
14EEE404 Switchgear and Protection	73	73	75	70	-	-	-	-	-	-	86	-	85	85	85
14EEE209 Digital Signal Processing Practical's	89	89	89	89	89	-	-	-	-	-	-	-	75	-	69
14EEE210 Power systems Practical's	92	92	92	92	92	-	-	-	-	89	-	89	89	89	89
14EEE501 Mini Project	83	87	86	82	86	75	74	82	79	79	79	80	-	82	87
14EEE502 Project Work	95	95	95	95	95	96	95	95	95	96	95	95	95	95	95
14EEE601 Technical Seminar	87	88	-	87	87	87	87	-	-	87	87	87	-	-	87

*Jm*  
Signature of Coordinator

*Stella*  
Signature of HOD



*Cij*  
Signature of Principal

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**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE**  
(UGC-AUTONOMOUS)

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu  
Accredited by NBA, Recognized under section 2(f) & 12(B) of the UGC act 1956  
World Bank funded Institute, An ISO 9001-2008 Certified Institution  
First Recognized Research Centre under JNTUA, Recognized as SIRO by DSIR



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**Analysis of attainment of POs & PSOs for 2014-2018 B. Tech batch**  
**(1<sup>st</sup> Autonomous batch)**

Sl. No.	POs & PSOs	Attainment (%)	Attainment Target (%)	Remark
1.	PO1	81	75	Attained
2.	PO2	81	75	Attained
3.	PO3	82	75	Attained
4.	PO4	82	75	Attained
5.	PO5	82	75	Attained
6.	PO6	82	75	Attained
7.	PO7	82	75	Attained
8.	PO8	84	75	Attained
9.	PO9	84	75	Attained
10.	PO10	84	75	Attained
11.	PO11	84	75	Attained
12.	PO12	84	75	Attained
13.	PSO1	83	75	Attained
14.	PSO2	82	75	Attained
15.	PSO3	82	75	Attained

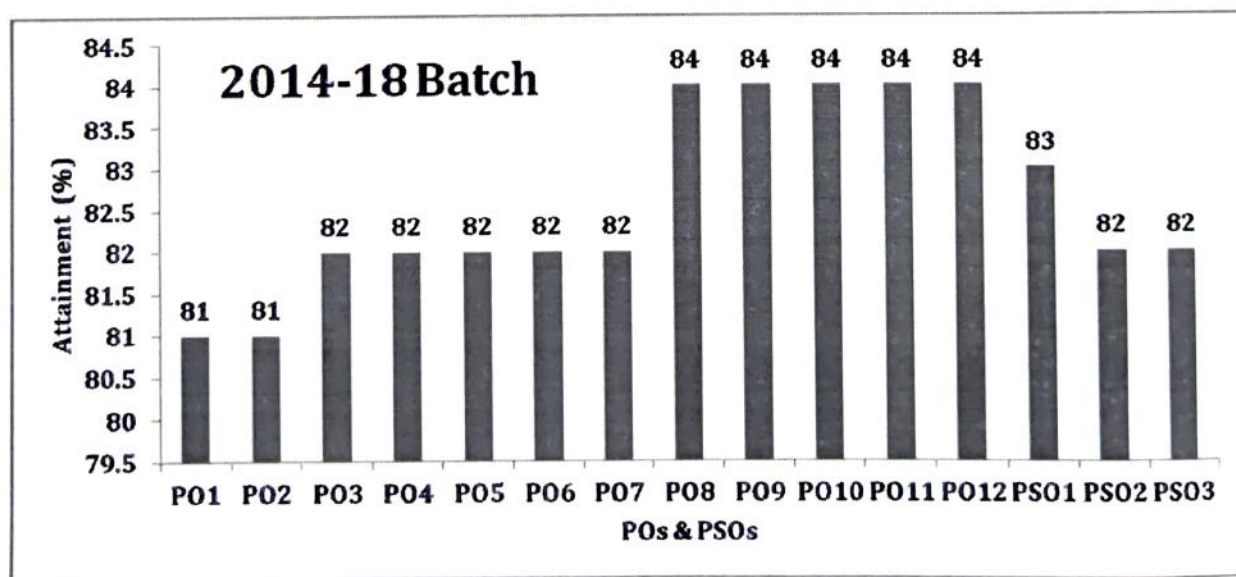


Fig. Attainment of POs & PSOs for 2014-18 batch

All POs and PSOs have been attained successfully.

Faculty In-charge



Program Coordinator

PRINCIPAL

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**Analysis of attainment of POs & PSOs for 2014-2018 B. Tech batch as per rubrics**

**(1<sup>st</sup> Autonomous batch)**

**Table : Rubrics for Program Outcome**

Program Outcome: <i>Will give professional quality oral presentations.</i>				
Skill 90-100%	Superior 80-90%	Good 70-80%	Adequate 60-70%	Inadequate Less than 60%
<i>Developed the skill.</i>	Developed the skill appropriate by knowing Why, How, Where and when.	Developed skill appropriate but only knows basics	Skill developed but either does not know entirely or accurately	Either know little or does not know.

**Table: Analysis of attainment of POs & PSOs for 2014-2018 B. Tech batch as per rubrics**

Sl. No.	POs & PSOs	Attainment (%)	Attainment Target (%)	Remark as per rubrics
1.	PO1	81	75	Superior
2.	PO2	81	75	Superior
3.	PO3	82	75	Superior
4.	PO4	82	75	Superior
5.	PO5	82	75	Superior
6.	PO6	82	75	Superior
7.	PO7	82	75	Superior
8.	PO8	84	75	Superior
9.	PO9	84	75	Superior
10.	PO10	84	75	Superior
11.	PO11	84	75	Superior
12.	PO12	84	75	Superior
13.	PS01	83	75	Superior
14.	PS02	82	75	Superior
15.	PS03	82	75	Superior

All POs and PSOs have been attained successfully.

  
Faculty In-charge

  
Program Coordinator

  
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