

Course Code and Name	% CO Attainment through Direct analysis					PO ATTAINMENT - DIRECT														
	CO 1	CO 2	CO 3	CO 4	CO 5	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
18EEE4M05 Non - Conventional Energy Resources	36	36	36	36	36	45	45				45	30						36		
18EEE407 Electrical Drives & Control	59	32	63	59	40	56	56	56	45									37		44
18EEE409 Electric Measurements and Instrumentation	66	57	77	65	71	70	70	63										46	53	
18EEE410 Utilization of Electrical Energy	77	64	74	78	77	76	76	60										60	66	
18EEE210 Power Systems - II Laboratory	72	72	72	72	72	76	76	61	76	77	75	62		76	76		74	65	50	75
18ENG202 - Corporate Communication Laboratory	75	75	75	75	75									70	70		50			
18EEE115 Internet of Things	85	65	69	67	79	77	57	65	51	72		48			50	67	58	48		58
18EEE116 Switch Gear and Protection	62	43	81	74	74	72	72	53	60			50			44	63	55	44	53	45
18EEE416 Electric and Hybrid Vehicles	75	53	72	66	57	70	56	61	56			50						46	70	47
18EEE418 Wind and Solar Energy Systems	74	75	48	63	79	73	63	64	52	49		52	52		49	70	52	45	78	47
18EEE423 HVDC and Facts	72	57	52	58	68	67	67	58	58	65								53	67	54
18EEE211 Internet of Things Laboratory	63	63	63	63	63	68	55	46	55	68	68			46	50	61	55	45	55	46
18EEE212 Protection & Simulation Laboratory	70	70	70	70	70	74	64	59	74	74	69	62	49	49	74		58	66	49	49
18EEE701 Project Work - I	74	74	74	74	74	73	73	63	58	73	57		49	49	49				49	53
18EEE426 Smart Power Grid	74	62	56	55	45	60	40	51	58	60	58	65	63			63	63	53	60	56
18EEE702 Project Work - II	84	84	84	84	84	81	81	70	65	81	54		54	54	54				54	59
2018 - 22 BATCH OVERALL POs & PSOs ATTAINMENT =						65	62	59	58	60	61	55	62	61	62	61	61	56	57	56


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Attainment of COs for 2018 - 19 entry batch (2021-22 Passed out batch)

Course Code and Name	% CO attainment through Direct analysis					% Course Exit Survey					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
18HUM101 EFAE	86	71	64	63	66	78	90	78	80	79	84	75	67	66	68	3	2	1	1	1
18BIO101 Life Science for Engineers	77	72	71	69	60	79	78	80	79	79	77	73	73	71	63	2	2	2	2	1
18EEE102 Electric Circuit Analysis	61	60	65	61	62	83	83	82	83	83	66	65	68	65	66	1	1	1	1	1
18EEE103 Analog Electronics	62	53	41	56	59	80	81	80	78	80	66	59	49	60	63	1	0	0	1	1
18EEE104 DC Machines and Transformers	65	65	63	70	66	87	88	87	88	87	69	70	68	74	70	1	1	1	2	2
18ENG201-English Communication: Listening & Speaking Laboratory	66	66	66	66	66	84	83	87	82	86	69	69	70	69	70	1	1	1	1	1
18EEE202 - Analog Electronics Laboratory	62	62	62	62	62	82	83	85	83	83	66	66	66	66	66	1	1	1	1	1
18EEE203 DC Machines and Transformers Laboratory	55	55	55	55	55	85	86	86	86	86	61	61	61	61	61	1	1	1	1	1
18HUM102 Principles of Management	92	95	96	94	91	78	85	76	81	79	89	93	92	91	88	3	3	3	3	3
18MAT104 Probability & Statistics	77	84	69	61	64	73	79	84	88	80	76	83	72	67	67	2	3	2	1	1
18EEE105 Electromagnetic Fields	49	51	83	75	89	76	81	77	82	79	54	57	81	76	87	0	0	3	2	3
18EEE106 Digital Electronics	64	62	60	54	77	81	87	80	78	84	67	67	64	59	78	1	1	1	0	2
18EEE107 Induction & Synchronous Machines	35	41	43	57	51	80	85	77	79	79	44	50	50	61	56	0	0	0	1	0
18EEE108 Control Systems	59	60	65	65	82	84	85	77	85	81	64	65	68	69	82	1	1	1	1	3
18EEE204 Digital Electronics Laboratory	68	68	68	68	68	80	79	75	90	88	70	70	69	72	72	2	1	1	2	2
18EEE205 Induction & Synchronous Machines Laboratory	66	66	66	66	66	81	84	83	79	75	69	69	69	68	68	1	1	1	1	1
18EEE206 Control Systems Laboratory	55	55	55	55	55	85	81	79	79	81	61	61	60	60	60	1	1	1	1	1
18ENG102-English Communication - Reading and Writing	77	77	68	72	78	86	86	85	85	85	79	79	72	74	80	2	2	2	2	2
18EEE109 Power Systems - I (Generation, Transmission & Distribution)	68	52	53	70	67	82	81	79	82	81	70	58	58	72	70	2	0	0	2	1
18EEE110 Power Electronics	67	73	78	76	63	86	84	85	85	86	71	76	80	78	68	2	2	2	2	1
18EEE111 Microcontroller and Interfacing	56	62	63	67	67	79	81	79	79	79	61	66	66	69	69	1	1	1	1	1
18EEE403 Industrial Electrical Systems	63	63	71	59	70	89	89	91	89	89	68	68	75	65	74	1	1	2	1	2
18EEE404 Special Electrical Machines	53	56	49	50	70	86	85	87	86	87	60	62	56	58	73	0	1	0	0	2
18EEE207 Power Systems Laboratory	75	75	75	75	75	82	82	82	80	83	76	76	76	76	76	2	2	2	2	2
18EEE208 Power Electronics Laboratory	64	64	64	64	64	84	82	85	84	83	68	68	68	68	68	1	1	1	1	1
18EEE209 Microcontroller and Interfacing Laboratory	61	61	61	61	61	81	80	81	80	81	65	64	65	65	65	1	1	1	1	1
18EEE112 AI Tools, Techniques and Applications	77	76	76	89	95	82	82	83	84	84	78	77	77	88	93	2	2	2	3	3
18EEE113 Signals & Systems	56	40	58	53	43	75	73	74	72	72	60	47	61	57	49	0	0	1	0	0

Course Code and Name	% CO attainment through Direct analysis					% Course Exit Survey					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
18EEE114 Power Systems - II	41	45	57	65	62	78	78	81	81	82	48	52	62	68	66	0	0	1	1	1
18EEE4M05 Non - Conventional Energy Resources	36	36	36	36	36	81	83	83	85	85	45	45	45	46	46	0	0	0	0	0
18EEE407 Electrical Drives & Control	59	32	63	59	40	80	80	79	78	78	63	41	66	63	48	1	0	1	1	0
18EEE409 Electric Measurements and Instrumentation	66	57	77	65	71	76	78	79	81	81	68	61	78	68	73	1	1	2	1	2
18EEE410 Utilization of Electrical Energy	77	64	74	78	77	84	81	82	82	79	78	67	76	79	77	2	1	2	2	2
18EEE210 Power Systems - II Laboratory	72	72	72	72	72	81	81	84	83	83	74	74	74	74	74	2	2	2	2	2
18ENG202 - Corporate Communication Laboratory	75	75	75	75	75	87	85	86	84	84	77	77	77	77	77	2	2	2	2	2
18EEE115 Internet of Things	85	65	69	67	79	92	93	92	94	94	87	71	74	73	82	3	2	2	2	3
18EEE116 Switch Gear and Protection	62	43	81	74	74	93	91	91	92	91	68	53	83	78	78	1	0	3	2	2
18EEE416 Electric and Hybrid Vehicles	75	53	72	66	57	92	92	93	92	92	79	60	76	71	64	2	1	2	2	1
18EEE418 Wind and Solar Energy Systems	74	75	48	63	79	92	93	91	93	91	78	78	57	69	82	2	2	0	1	3
18EEE423 HVDC and Facts	72	57	52	58	68	86	88	88	87	87	75	63	59	64	72	2	1	0	1	2
18EEE211 Internet of Things Laboratory	63	63	63	63	63	88	90	88	88	86	68	69	68	68	68	1	1	1	1	1
18EEE212 Protection & Simulation Laboratory	70	70	70	70	70	92	93	91	92	92	74	74	74	74	74	2	2	2	2	2
18EEE701 Project Work - I	74	74	74	74	74	68	68	68	67	69	73	73	73	73	73	2	2	2	2	2
18EEE426 Smart Power Grid	74	62	56	55	45	67	67	67	67	67	72	63	58	58	50	2	1	0	0	0
18EEE702 Project Work - II	84	84	84	84	84	68	68	68	67	69	81	81	81	81	81	3	3	3	3	3


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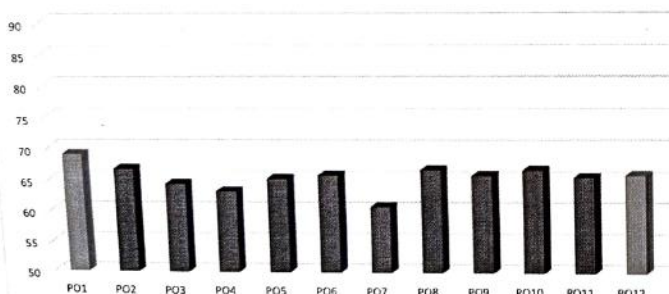


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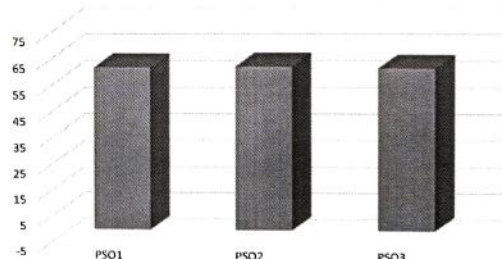
Overall PO Attainment for 2018 2018 - 19 entry batch (2021-22 Passed out batch)

Survey	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Employer Survey	78.46	78.46	78.46	79.23	78.46	76.92	76.15	77.69	78.46	76.15	76.92	75.38	80.77	83.08	78.46
Alumni Survey	83.62	83.28	84.66	83.62	82.76	84.48	83.28	84.48	83.97	83.97	82.07	82.93	81.55	81.72	83.28
Graduate Survey	88.57	86.19	85.95	86.67	89.05	87.14	86.90	88.10	88.10	87.14	86.67	88.57	86.19	85.48	87.38
In -Direct PO Attainment	86	84	84	85	86	85	84	85	85	84	84	85	84	84	85
Direct PO Attainment	65.02	62	59	58	60	61	55	62	61	62	61	61	56	57	56
Overall Attainment in %	69	67	64	63	65	66	61	67	66	67	65	66	62	62	61
Overall Attainment in Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Department of EEE 2018 - 22 Batch Overall POs attainment



Department of EEE 2018 - 22 Batch Overall PSOs attainment





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Analysis of attainment of POs & PSOs for 2018-2022 B. Tech batch as per rubrics

(5th Autonomous batch)


Table: Rubrics for Program Outcome

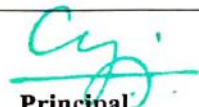
Program Outcome: <i>Will give professional quality oral presentations.</i>				
Skill 90-100%	Superior 80-90%	Good 70-80%	Adequate 60-70%	Inadequate Less than 60%
<i>Developed the skill.</i>	Developed the skill appropriate by knowing Why, How, Where and when.	Developed skill appropriate but only knows 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 2017-21 B. Tech batch as per rubrics

Sl. No.	POs & PSOs	Attainment (%)	Attainment Target (%)	Remark as per rubrics
1.	PO1	69	75	Adequate
2.	PO2	67	75	Adequate
3.	PO3	64	75	Adequate
4.	PO4	63	75	Adequate
5.	PO5	65	75	Adequate
6.	PO6	66	75	Adequate
7.	PO7	61	75	Adequate
8.	PO8	67	75	Adequate
9.	PO9	66	75	Adequate
10.	PO10	67	75	Adequate
11.	PO11	65	75	Adequate
12.	PO12	66	75	Adequate
13.	PSO1	62	75	Adequate
14.	PSO2	62	75	Adequate
15.	PSO3	61	75	Adequate


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