

2.6.2 Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The College has put in place an efficient and proper system for achieving POs and COs that have been approved by the Governing Body. The achievement is ensured through proper curriculum delivery, which is supplemented by other activities for the students' overall development. The College offers a variety of co-curricular, extracurricular, and extension activities to help students meet the informed learning outcomes (PO, PSO, and CO) of all programmes. The applicable program's programme and course outcomes are assessed through a direct and indirect evaluation procedure.

The Attainment of Programme Outcomes(POs), Program Specific Outcomes(PSOs) and Course Outcomes(COs) are evaluated by two methods.

1. Direct PO PSO Assessment Process

1.1. Based on Direct Course Assessment: Direct attainment of CO is measured in the scale of 0 - 3 level.

1.1.1 Internal Assessment: Students assessed based on different activities such as MCQ, Assignment, Tutorials, Quiz Puzzles, etc.,. Internal Examination question papers are defined with CO for each question. On completion of Internal Assessment (IA), marks scored by the students CO wise are averaged up. CO attainment is calculated by considering 90% of IA test level and 10% of activities level. CO attainment is met which is based on the students achieving the defined target.

1.1.2.External Evaluation: Since **End Semester University examination** Evaluation is not available CO wise, total mark is considered for CO Attainment. CO attainment is calculated based on the students achieving the defined target.

Direct attainment of CO is calculated by considering 80% of university Examination level and 20% of IA Level.

1.2 Based on Indirect Course Assessment: Course Exit survey and Program Exit survey are carried out ,where students give feedback in the scale of 1 to 5, are summed up in the proportion of 80:20 respectively.

Final course wise PO PSO Attainment: :For attainment calculation, Average of Direct CO-PO attainment data from CO - PO Correlation matrix is collected for all courses and Indirect Course Assessment are summed up in the proportion of 80:20 respectively.

2. Indirect Method for PO PSO Attainment: Program Exit survey collected from students who are going to graduate at the end of the eighth semester.

Final Attainment for PO PSO Attainment: Sum of Final course wise PO PSO Attainment and Indirect Method for PO PSO Attainment in the proportion of 80:20 respectively.

If PO PSO reached the level of 3, then PO PSO attained, else Not.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ATTAINMENT ON SCORING 'E' AND ABOVE ACADEMIC YEAR 2016 - 2017 (R-2013)

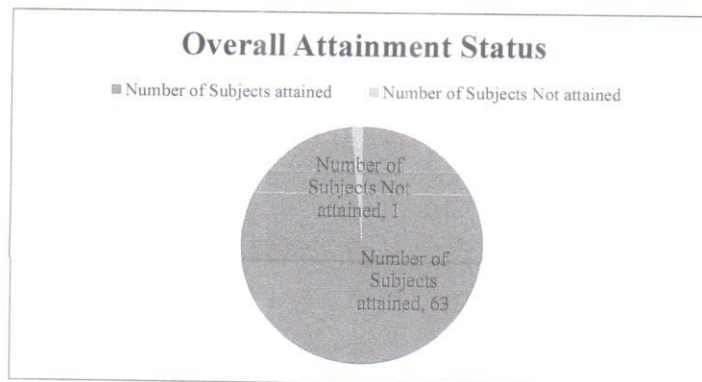
S.NO	SUBJECT CODE	SUBJECT TITLE	NO. STUDENTS APPEARED	NO. STUDENTS SCORED 'E' GRADE AND ABOVE	% OF STUDENTS 'E' AND ABOVE	ATTAINMENT LEVEL	TARGET LEVEL	REMARKS
SEMESTER I								
1	HS6151	Technical English - I	36	34	94	3	1	ATTAINED
2	MA6151	Mathematics - I	36	24	67	1	1	ATTAINED
3	PH6151	Engineering Physics - I	39	26	67	1	1	ATTAINED
4	CY6151	Engineering Chemistry - I	36	30	83	2	1	ATTAINED
5	GE6151	Fundamentals of Computing and Programming	36	32	89	2	1	ATTAINED
6	GE6152	Engineering graphics	36	35	97	3	1	ATTAINED
7	GE6161	Computer Practices Laboratory	37	37	100	3	1	ATTAINED
8	GE6162	Engineering Practices Laboratory	37	37	100	3	1	ATTAINED
9	GE6163	Physics and Chemistry Laboratory - I	37	37	100	3	1	ATTAINED
SEMESTER II								
10	CS6201	Digital Principles and System Design	34	19	56	3	1	ATTAINED
11	CS6202	Programming and Data Structures I	34	21	62	3	1	ATTAINED
12	CY6251	Engineering Chemistry – II	35	15	43	0	1	NOT ATTAINED
13	HS6251	Technical English – II	35	28	80	3	1	ATTAINED
14	MA6251	Mathematics – II	34	26	76	3	1	ATTAINED
15	PH6251	Engineering Physics – II	39	15	38	3	1	ATTAINED
16	CS6211	Digital Laboratory	35	33	94	2	1	ATTAINED
17	CS6212	Programming and Data Structures	35	35	100	3	1	ATTAINED
18	GE6262	Physics and Chemistry Laboratory - II	35	35	100	3	1	ATTAINED
SEMESTER III								
19	CS6301	Programming and Data Structure II	36	34	94	3	1	ATTAINED
20	CS6302	Database Management Systems	36	32	89	3	1	ATTAINED
21	CS6303	Computer Architecture	36	35	97	3	1	ATTAINED
22	CS6304	Analog and Digital Communication	36	34	94	3	1	ATTAINED
23	GE6351	Environmental Science and Engineering	36	25	69	2	1	ATTAINED
24	MA6351	Transforms and Partial Differential Equations	36	31	86	3	1	ATTAINED
25	CS6312	Database Management Systems Lab	36	36	100	3	1	ATTAINED
26	CS6311	Programming and Data Structure II Lab	36	36	100	3	1	ATTAINED
SEMESTER IV								
27	CS 6401	Operating System	36	27	75	2	1	ATTAINED
28	CS6402	Design and analysis of algorithm	35	30	86	2	1	ATTAINED
29	CS6403	Software Engineering	36	34	94	3	1	ATTAINED
30	CS6551	Computer Networks	35	28	80	3	1	ATTAINED
31	Ec6504	Micro processor and Micro Controllor	36	34	94	3	1	ATTAINED
32	MA6453	Probability and Queing Theory	36	29	81	2	1	ATTAINED
33	CS 6411	Network Lab	36	36	100	3	1	ATTAINED
34	CS6412	Micro processor and Micro Controllor Lab	36	36	100	3	1	ATTAINED
35	CS 6413	Operating System Lab	36	36	100	3	1	ATTAINED
SEMESTER V								
36	MA6566	Discrete Mathematics	29	25	86	2	1	ATTAINED
37	CS6501	Internet Programming	29	27	93	3	1	ATTAINED

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38	CS6502	Object Oriented Analysis and Design	29	29	100	3	1	ATTAINED
39	CS6503	Theory of Computation	29	21	72	2	1	ATTAINED
40	CS6504	Computer Graphics	29	29	100	3	1	ATTAINED
41	CS6511	Case Tools Laboratory	29	27	93	2	1	ATTAINED
42	CS6512	Internet Programming Laboratory	29	29	100	3	1	ATTAINED
43	CS6513	Computer Graphics Laboratory	29	29	100	3	1	ATTAINED
SEMESTER VI								
44	CS6601	Distributed Systems	28	20	71	2	1	ATTAINED
45	IT6601	Mobile Computing	28	25	89	3	1	ATTAINED
46	CS6660	Compiler Design	28	25	89	3	1	ATTAINED
47	IT6502	Digital Signal Processing	27	21	78	2	1	ATTAINED
48	CS6659	Artificial Intelligence	27	26	96	3	1	ATTAINED
49	IT6004	Software Testing	26	24	92	3	1	ATTAINED
50	CS6611	Mobile Application Development Lab	28	28	100	3	1	ATTAINED
51	CS6612	Compiler Laboratory	28	28	100	3	1	ATTAINED
52	GE6674	Communication and soft skills lab	28	28	100	3	1	ATTAINED
SEMESTER VII								
53	CS6701	Cryptography and Network Security	12	11	92	3	1	ATTAINED
54	CS6702	Graph Theory and Applications	11	9	82	2	1	ATTAINED
55	CS6703	Grid and Cloud Computing	11	11	100	3	1	ATTAINED
56	CS6704	Resource Management Techniques	12	10	83	2	1	ATTAINED
57	CS6003	Ad hoc and Sensor Networks	12	10	83	2	1	ATTAINED
58	CS6004	Information Retrieval	11	9	82	2	1	ATTAINED
59	CS6711	Security Laboratory	12	12	100	3	1	ATTAINED
60	CS6712	Grid and Cloud Computing Laboratory	12	12	100	3	1	ATTAINED
SEMESTER VIII								
61	CS6801	Multi Core Architectures and Programming	12	12	100	3	1	ATTAINED
62	IT6011	Knowledge Management	12	11	92	3	1	ATTAINED
63	MG6088	Software Project Management	12	12	100	3	1	ATTAINED
64	CS6811	Project Work	12	12	100	3	1	ATTAINED

Overall Attainment Status	
Total Number of Subjects	64
Number of Subjects attained	63
Number of Subjects Not attained	1



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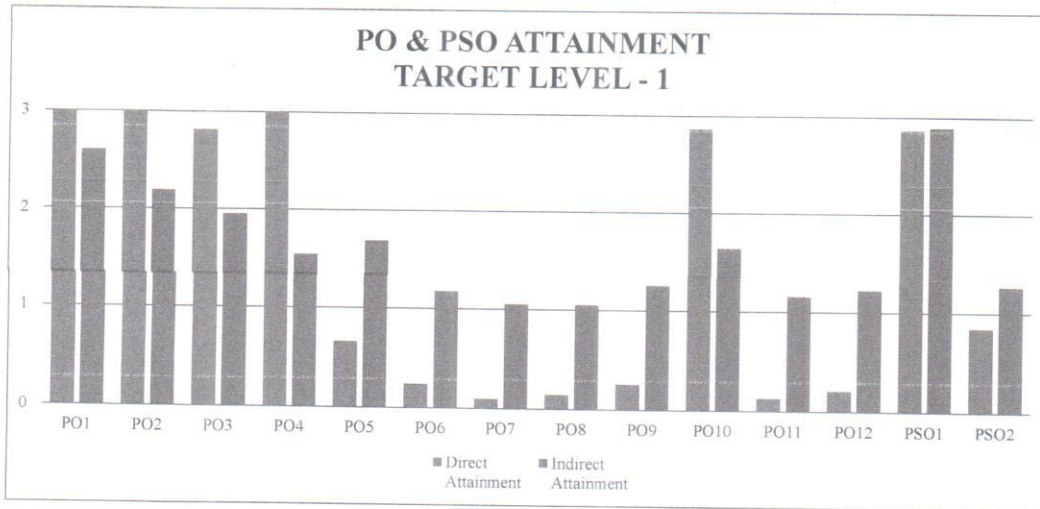
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PO & PSO ATTAINMENT - TARGET LEVEL - 1
ACADEMIC YEAR 2016 - 2017 (R-2013)


S. No.	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	HS6151	2	2	2	3	0	0	0	1	0	3	0	0	2	0
2	MA6151	3	0	0	0	0	0	0	0	0	0	0	0	0	0
3	PH6151	3	2	3	3	0	0	0	0	0	3	0	0	3	3
4	CY6151	3	3	3	3	1	0	1	0	0	3	0	0	3	0
5	GE6151	3	0	0	0	0	0	0	0	0	0	0	0	0	0
6	GE6152	3	0	0	0	0	0	0	0	0	0	0	0	0	0
7	GE6161	3	3	3	3	1	1	1	1	1	3	0	0	3	1
8	GE6162	3	3	3	3	1	1	1	1	1	3	0	0	3	1
9	GE6163	3	3	3	3	1	1	1	1	1	3	0	0	3	1
10	CS6201	3	3	3	3	0	0	0	0	0	3	0	0	3	1
11	CS6202	3	3	3	3	0	0	0	0	0	3	0	0	3	1
12	CY6251	3	3	3	3	0	0	0	0	0	3	0	0	3	1
13	HS6251	2	2	2	2	0	0	0	1	2	3	0	2	3	0
14	MA6251	3	3	3	3	0	0	0	0	0	3	0	0	3	1
15	PH6251	3	3	3	3	0	0	0	0	0	3	0	0	3	1
16	CS6211	3	3	3	3	0	0	0	0	0	3	0	0	3	3
17	CS6212	3	3	3	3	0	0	0	0	0	3	0	0	3	1
18	GE6262	3	3	3	3	0	0	0	0	0	3	0	0	3	1
19	CS6301	3	3	3	2	1	0	0	0	0	3	1	0	3	1
20	CS6302	3	3	3	3	0	0	0	0	0	2	0	0	3	1
21	CS6303	3	3	3	3	1	0	0	0	0	2	0	1	3	1
22	CS6304	3	3	3	3	2	0	0	0	0	2	0	0	3	1
23	GE6351	3	3	3	2	1	0	0	0	0	3	1	0	3	0
24	MA6351	3	2	0	2	0	0	0	0	0	2	0	0	3	1
25	CS6312	3	3	3	2	0	0	0	0	0	2	0	0	3	1
26	CS6311	3	3	3	2	0	0	0	0	0	2	0	0	3	1
27	CS 6401	2	2	2	2	1	0	0	0	0	2	0	0	3	1
28	CS6402	3	3	3	2	0	0	0	0	1	3	0	1	3	1
29	CS6403	3	3	3	2	0	0	0	0	0	2	0	0	3	1
30	CS6551	3	3	3	2	0	0	0	0	0	2	0	0	3	1
31	Ee6504	3	3	3	3	1	0	0	0	0	3	1	1	3	1
32	MA6453	3	3	3	2	0	0	0	0	0	2	0	0	3	1
33	CS 6411	3	3	3	2	0	0	0	0	0	2	0	0	3	1
34	CS6412	3	3	3	3	1	0	0	0	0	2	0	0	3	0
35	CS 6413	3	3	3	2	0	0	0	0	0	3	0	0	3	1
36	MA6566	3	3	3	2	2	0	0	0	1	3	0	1	3	3
37	CS6501	3	3	3	2	2	0	0	0	1	3	0	1	3	3
38	CS6502	3	3	3	2	2	0	0	0	1	3	0	1	3	3
39	CS6503	3	3	3	2	2	0	0	0	1	3	0	1	3	3
40	CS6504	3	3	3	2	2	0	0	0	1	3	0	1	3	3
41	CS6511	3	3	3	3	0	0	0	0	0	3	0	0	3	3
42	CS6512	3	3	3	3	1	0	0	0	1	3	0	0	3	3
43	CS6513	3	3	3	3	0	0	0	0	0	3	0	0	3	3
44	CS6601	3	3	3	2	1	0	0	0	0	3	1	0	3	3
45	IT6601	3	3	3	2	1	0	0	0	0	3	1	0	3	3
46	CS6660	3	3	3	3	1	0	0	0	1	3	0	0	3	3
47	IT6502	3	3	3	2	1	0	0	0	0	3	1	0	3	3
48	CS6659	3	3	3	2	0	0	0	0	0	2	0	0	3	3
49	IT6004	3	3	3	2	1	0	0	0	0	3	1	0	3	3
50	CS6611	3	3	3	2	2	1	0	1	1	3	0	1	3	3
51	CS6612	3	3	3	2	2	1	0	1	1	3	0	1	3	3
52	GE6674	3	3	3	2	2	1	0	1	1	3	0	1	3	3
53	CS6701	3	3	3	2	2	1	0	0	0	2	0	0	3	1

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54	CS6702	3	3	3	3	1	1	0	0	0	2	0	0	3	1
55	CS6703	3	3	3	3	2	1	2	0	1	2	0	0	3	1
56	CS6704	3	3	3	3	2	1	1	0	0	2	0	0	3	1
57	CS6003	3	3	3	3	2	0	0	0	0	2	0	0	3	1
58	CS6004	3	3	3	2	1	1	0	1	0	2	1	0	3	1
59	CS6711	3	3	3	3	0	0	0	0	0	3	0	0	3	1
60	CS6712	3	3	3	3	0	0	0	0	0	3	0	0	3	1
61	CS6801	3	3	3	3	1	1	0	0	0	2	0	0	3	1
62	IT6011	3	3	3	2	1	1	0	0	0	2	0	0	3	1
63	MG6088	3	3	3	3	1	1	0	0	0	2	0	0	3	1
64	CS6811	3	3	3	3	1	1	0	0	1	3	1	2	3	3
PO & PSO ATTAINMENT - TARGET LEVEL - 1															
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment		3	3	3	3	1	0	0	0	0	3	0	0	3	1
Indirect Attainment		3	2	2	2	2	1	1	1	1	2	1	1	3	1




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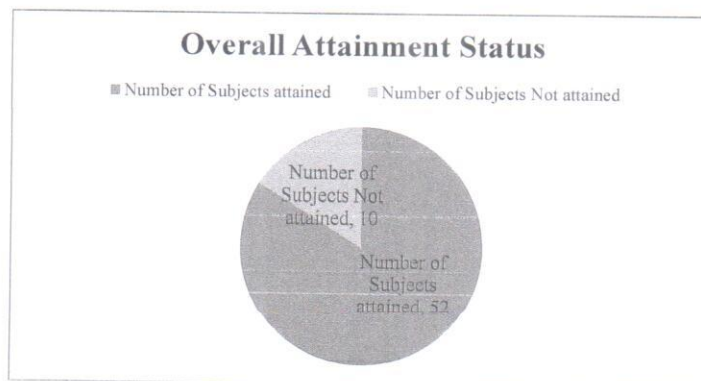
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT ON SCORING 'E' AND ABOVE ACADEMIC YEAR 2017 - 2018 (R-2013 & R-2017)

S.NO	SUBJECT CODE	SUBJECT TITLE	NO. STUDENTS APPEARED	NO. STUDENTS SCORED 'E' GRADE AND ABOVE	% OF STUDENTS 'E' AND ABOVE	ATTAINMENT LEVEL	TARGET LEVEL	REMARKS
SEMESTER I								
1	HS8151	Communicative English	18	15	83	2	2	Attained
2	MA8151	Engineering Mathematics - I	18	3	17	0	2	Not Attained
3	PH8151	Engineering Physics	18	3	17	0	2	Not Attained
4	CY8151	Engineering Chemistry	18	2	11	0	2	Not Attained
5	GE8151	Problem Solving and Python Programming	18	11	61	1	2	Attained
6	GE8152	Engineering Graphics	18	14	78	2	2	Attained
7	GE8161	Problem Solving and Python Programming Laboratory	18	18	100	3	2	Attained
8	BS8161	Physics and Chemistry Laboratory	19	19	100	3	2	Attained
SEMESTER II								
9	HS8251	Technical English	18	10	56	1	2	Attained
10	MA8251	Engineering Mathematics - II	16	9	56	1	2	Attained
11	PH8253	Physics for Electronics Engineering	18	12	67	2	2	Attained
12	BE8252	Basic Civil and Mechanical Engineering	16	10	63	1	2	Attained
13	EE8251	Circuit Theory	15	6	40	0	2	Not Attained
14	GE8291	Environmental Science and Engineering	18	9	50	1	2	Attained
15	GE8261	Engineering Practices Laboratory	18	15	83	2	2	Attained
16	EE8261	Electric Circuits Laboratory	18	17	94	3	2	Attained
SEMESTER III								
17	MA6351	Numerical Method	26	17	65	2	2	Attained
18	EE6301	Digital Logic Circuits	27	20	74	2	2	Attained
19	EE6302	Electromagnetic Theory	25	18	72	2	2	Attained
20	GE6351	Environmental Science and Engineering	27	11	41	0	2	Not Attained
21	EC6202	Electronic Devices and Circuits	27	15	56	1	2	Attained
22	EE6303	Linear Integrated Circuits and Applications	26	11	42	0	2	Not Attained
23	EC6361	Electronics Laboratory	26	26	100	3	2	Attained
24	EE6311	Linear and Digital Integrated Circuits Laboratory	26	26	100	3	2	Attained
SEMESTER IV								
25	MA6459	Numerical Methods	25	14	56	1	2	Attained
26	EE6401	Electrical Machines - I	24	11	46	1	2	Attained
27	CS6456	Object Oriented Programming	25	7	28	0	2	Not Attained
28	EE6402	Transmission and Distribution	24	7	29	0	2	Not Attained
29	EE6403	Discrete Time Systems and Signal Processing	25	15	60	1	2	Attained
30	EE6404	Measurements and Instrumentation	25	15	60	1	2	Attained
31	CS6461	Object Oriented Programming Laboratory	25	25	100	3	2	Attained
32	EE6411	Electrical Machines Laboratory - I	25	25	100	3	2	Attained
SEMESTER V								
33	EE6501	Power System Analysis	33	24	73	2	2	Attained
34	EE6502	Microprocessors and Microcontrollers	33	24	73	2	2	Attained
35	ME6701	Power Plant Engineering	32	9	28	0	2	Not Attained
36	EE6503	Power Electronics	33	16	48	1	2	Attained
37	EE6504	Electrical Machines - II	33	18	55	1	2	Attained
38	IC6501	Control Systems	33	12	36	0	2	Not Attained

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39	EE6511	Control and Instrumentation Laboratory	33	33	100	3	2	Attained
40	GE6563	Communication Skills Laboratory Based	32	32	100	3	2	Attained
41	EE6512	Electrical Machines Laboratory - II	33	31	94	3	2	Attained
SEMESTER VI								
42	EC6651	Communication Engineering	31	15	48	1	2	Attained
43	EE6601	Solid State Drives	31	25	81	2	2	Attained
44	EE6602	Embedded Systems	30	18	60	1	2	Attained
45	EE6603	Power System Operation and Control	31	26	84	2	2	Attained
46	EE6604	Design of Electrical Machines	31	21	68	1	2	Attained
47	EE6002	Power System Transients	31	18	58	1	2	Attained
48	EE6611	Power Electronics and Drives Laboratory	31	31	100	3	2	Attained
49	EE6612	Microprocessors and Microcontrollers Laboratory	31	31	100	3	2	Attained
50	EE6613	Presentation Skills and Technical Seminar	31	31	100	3	2	Attained
SEMESTER VII								
51	EE6701	High Voltage Engineering	36	28	78	2	2	Attained
52	EE6702	Protection and Switchgear	35	23	66	2	2	Attained
53	EE6703	Special Electrical Machines	36	30	83	2	2	Attained
54	MG6851	Principles of Management	36	23	64	1	2	Attained
55	EE6004	Flexible AC Transmission System	36	26	72	2	2	Attained
56	EE6008	Microcontroller Based System Design	35	34	97	3	2	Attained
57	EE6711	Power System Simulation Laboratory	36	36	100	3	2	Attained
58	EE6712	Comprehension	36	36	100	3	2	Attained
SEMESTER VIII								
59	EE6801	Electric Energy Generation, utilization and	36	29	81	2	2	Attained
60	EE6010	High Voltage Direct Current Transmission	36	31	86	2	2	Attained
61	GE6075	Professional Ethics in Engineering	36	32	89	2	2	Attained
62	EE6811	Project Work	36	36	100	3	2	Attained

Overall Attainment Status	
Total Number of Subjects	62
Number of Subjects attained	52
Number of Subjects Not attained	10




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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

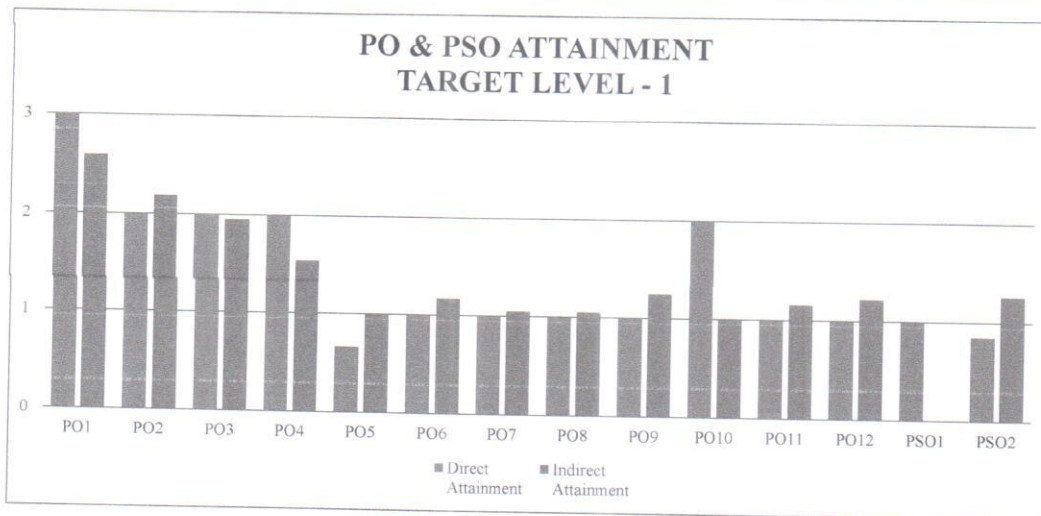
PO & PSO ATTAINMENT - TARGET LEVEL - 1

ACADEMIC YEAR 2017 - 2018 (R-2013 & R-2017)

S. No.	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	HS8151	2	2	2	3	0	0	0	1	0	3	0	0	2	0
2	MA8151	3	3	2	2	0	1	0	0	0	3	0	0	2	0
3	PH8151	3	3	3	3	0	0	0	0	0	3	0	0	3	3
4	CY8151	3	3	0	1	0	0	0	0	0	0	0	0	0	0
5	GE8151	3	3	2	3	1	1	0	1	1	3	0	0	3	2
6	GE8152	3	3	3	3	0	1	1	1	0	3	0	0	3	0
7	GE8161	3	3	3	3	1	1	0	0	0	2	0	0	3	1
8	BS8161	3	3	3	3	0	0	0	0	0	3	0	0	3	1
9	HS8251	2	2	2	2	0	0	0	1	2	3	0	1	3	0
10	MA8251	3	3	2	2	0	1	0	0	0	3	0	0	2	0
11	PH8253	3	3	3	3	0	0	0	0	0	3	0	0	3	3
12	BE8252	3	3	2	3	1	1	1	1	2	3	2	1	2	0
13	EE8251	3	3	3	3	0	3	0	1	1	3	1	0	2	0
14	GE8291	3	3	3	3	0	0	0	0	0	3	0	0	3	1
15	GE8261	3	3	3	3	0	0	0	0	0	3	0	0	3	1
16	EE8261	3	3	3	3	2	1	0	2	2	3	2	0	3	0
17	MA6351	3	2	2	2	2	1	1	1	2	1	1	2	1	1
18	EE6301	3	2	2	3	3	1	1	1	1	1	2	2	1	1
19	EE6302	3	2	2	3	3	1	1	1	1	1	2	2	1	1
20	GE6351	3	3	3	1	1	3	3	2	1	1	1	1	0	2
21	EC6202	2	2	2	1	2	1	1	1	1	1	1	1	1	2
22	EE6303	3	2	2	2	2	1	1	1	1	1	2	2	2	1
23	EC6361	3	3	3	2	0	0	0	0	1	3	0	0	3	1
24	EE6311	3	2	3	3	2	3	3	3	3	3	3	3	2	2
25	MA6459	3	2	2	2	2	1	1	1	1	1	1	2	1	2
26	EE6401	3	2	3	3	1	1	1	1	1	1	2	2	1	1
27	CS6456	3	2	2	2	2	1	1	1	1	1	1	2	1	2
28	EE6402	2	2	1	2	2	1	1	EE	1	1	2	2	2	1
29	EE6403	3	3	2	1	2	1	1	1	1	1	2	2	2	2
30	EE6404	3	2	2	2	1	1	1	1	2	2	2	2	1	1
31	CS6461	3	2	3	3	2	3	3	3	3	3	3	3	2	2
32	EE6411	3	2	2	2	2	1	1	1	2	1	1	2	1	1
33	EE6501	3	3	3	3	1	1	1	0	1	3	1	0	3	1
34	EE6502	3	3	3	3	1	1	1	1	0	3	1	0	3	0
35	ME6701	3	3	3	3	1	1	1	0	1	3	1	0	3	1
36	EE6503	3	3	3	3	1	1	1	1	1	3	1	0	3	0
37	EE6504	3	3	3	3	1	1	1	1	0	3	1	0	3	0
38	IC6501	3	3	3	3	1	1	1	1	0	3	1	0	3	1
39	EE6511	3	2	2	2	2	1	1	1	2	1	1	2	1	1
40	GE6563	3	3	3	3	3	3	3	3	3	3	3	3	2	2
41	EE6512	3	2	2	2	2	1	1	1	2	1	1	2	1	1
42	EC6651	3	2	2	2	2	1	1	1	2	1	1	2	1	1
43	EE6601	3	2	2	2	2	1	1	1	2	1	1	2	1	1
44	EE6602	3	2	2	2	2	1	1	1	2	1	1	2	1	1
45	EE6603	3	2	2	2	2	1	1	1	2	1	1	2	1	1
46	EE6604	3	2	2	2	2	1	1	1	2	1	1	2	1	1
47	EE6002	3	2	2	2	2	1	1	1	2	1	1	2	1	1
48	EE6611	3	2	2	2	2	1	1	1	2	1	1	2	2	1
49	EE6612	3	2	2	2	2	1	1	1	2	1	1	2	1	1
50	EE6613	3	2	2	2	2	1	1	1	2	1	1	2	1	1
51	EE6701	3	2	2	2	2	1	1	1	2	1	1	2	1	1
52	EE6702	3	2	2	2	2	1	1	1	2	1	1	2	1	1
53	EE6703	3	2	2	2	2	1	1	1	2	1	1	2	1	1

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54	MG6851	3	2	2	2	2	1	1	1	2	1	1	2	1	1
55	EE6004	3	3	3	3	2	1	0	0	0	2	0	2	3	1
56	EE6008	3	2	2	2	2	1	1	1	2	1	1	2	1	1
57	EE6711	3	2	2	2	2	1	1	1	2	1	1	2	2	1
58	EE6712	3	2	2	2	2	1	1	1	2	1	1	2	1	1
59	EE6801	3	2	2	2	2	1	1	1	2	1	1	2	2	1
60	EE6010	3	3	3	3	1	0	1	0	0	2	0	1	3	1
61	GE6075	3	2	2	2	2	1	1	1	2	1	1	2	1	1
62	EE6811	3	3	3	3	1	1	0	0	0	2	0	2	3	1
63	MG6088	3	3	3	3	1	1	0	0	0	2	0	0	3	1
64	CS6811	3	3	3	3	1	1	0	0	1	3	1	2	3	3
PO & PSO ATTAINMENT - TARGET LEVEL - 1															
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment		3	2	2	2	1	1	1	1	1	2	1	1	1	1
Indirect Attainment		3	2	2	2	1	1	1	1	1	1	1	1	0	1




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Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

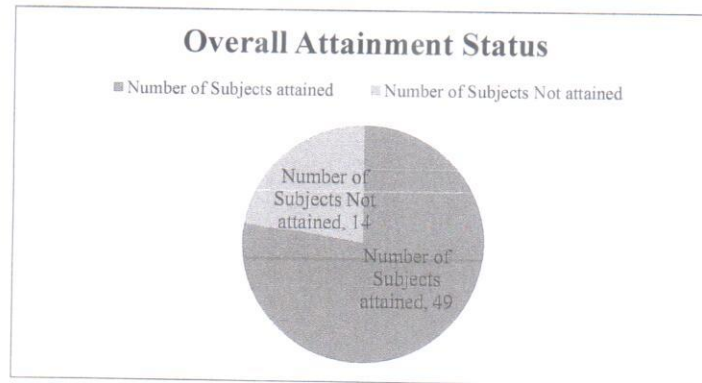
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ATTAINMENT ON SCORING 'E' AND ABOVE ACADEMIC YEAR 2018 - 2019 (R-2013)

S.NO	SUBJECT CODE	SUBJECT TITLE	NO. STUDENTS APPEARED	NO. STUDENTS SCORED 'E' GRADE AND ABOVE	% OF STUDENTS 'E' AND ABOVE	ATTAINMENT LEVEL	TARGET LEVEL	REMARKS
SEMESTER I								
1	HS8151	Communicative English	11	6	55	1	1	Attained
2	MA8151	Engineering Mathematics - I	11	3	27	0	1	Not Attained
3	PH8151	Engineering Physics	12	8	67	2	1	Attained
4	CY8151	Engineering Chemistry	12	8	67	2	1	Attained
5	GE8151	Problem Solving and Python Programming	11	6	55	1	1	Attained
6	GE8152	Engineering Graphics	11	8	73	2	1	Attained
7	GE8161	Problem Solving and Python Programming Laboratory	11	11	100	3	1	Attained
8	BS8161	Physics and Chemistry Laboratory	11	11	100	3	1	Attained
SEMESTER II								
9	HS8251	Technical English	11	9	100	3	1	Attained
10	MA8251	Engineering Mathematics – II	11	8	73	2	1	Attained
11	PH8202	Physics for Civil Engineering	11	8	73	2	1	Attained
12	BE8254	Basic Electrical and Instrumentation Engineering	10	5	50	1	1	Attained
13	GE8291	Environmental Science and Engineering	10	7	70	2	1	Attained
14	GE8292	Engineering Mechanics	10	1	10	0	1	Not Attained
15	CE8211	Computer Aided Building Drawing	10	8	80	2	1	Attained
16	GE8261	Engineering Practices Laboratory	11	9	82	2	1	Attained
SEMESTER III								
17	MA8353	Transforms and Partial Differential Equations	15	6	40	0	1	Not Attained
18	CE8301	Strength of Materials I	15	10	67	2	1	Attained
19	CE8302	Fluid Mechanics	15	11	73	2	1	Attained
20	CE8351	Surveying	15	8	53	1	1	Attained
21	CE8391	Construction Materials	15	11	73	2	1	Attained
22	CE8392	Engineering Geology	15	9	60	1	1	Attained
23	CE8311	Construction Materials Laboratory	15	13	87	2	1	Attained
24	CE8361	Surveying Laboratory	15	13	87	2	1	Attained
25	HS8381	Interpersonal Skills/Listening & Speaking	15	15	100	3	1	Attained
SEMESTER IV								
26	MA8491	Numerical Methods	13	6	46	1	1	Attained
27	CE8401	Construction Techniques and Practices	13	6	46	1	1	Attained
28	CE8402	Strength of Materials II	13	5	38	0	1	Not Attained
29	CE8403	Applied Hydraulic Engineering	13	6	46	1	1	Attained
30	CE8404	Concrete Technology	13	6	46	1	1	Attained
31	CE8491	Soil Mechanics	13	1	8	0	1	Not Attained
32	CE8481	Strength of Materials Laboratory	13	10	77	2	1	Attained
33	CE8461	Hydraulic Engineering Laboratory	13	10	77	2	1	Attained
34	HS8461	Advanced Reading and Writing	13	10	77	2	1	Attained
SEMESTER V								
35	CE6501	Structural Analysis I	31	17	55	1	1	Attained
36	CE6502	Foundation Engineering	31	23	74	2	1	Attained
37	CE6503	Environmental Engineering I	31	24	77	2	1	Attained


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38	CE6504	Highway Engineering	31	19	61	2	1	Attained
39	CE6505	Design of Reinforced Concrete Elements	31	15	48	1	1	Attained
40	CE6506	Construction Techniques, Equipment and Practice	31	16	52	1	1	Attained
41	GE6674	Communication and Soft skills	31	31	100	3	1	Attained
42	CE6511	Soil Mechanics Laboratory	31	31	100	3	1	Attained
43	CE6512	Survey Camp	31	31	100	3	1	Attained
SEMESTER VI								
44	CE6601	Design of RC & Brick Masonry Structures	31	15	49	1	1	Attained
45	CE6602	Structural Analysis II	30	18	58	1	1	Attained
46	CE6603	Design of Steel Structures	31	11	35	0	1	Not Attained
47	CE6604	Railways, Airports and Harbour Engineering	31	14	45	0	1	Not Attained
48	CE6605	Environmental Engineering II	31	14	45	0	1	Not Attained
49	CE6002	Concrete Technology	31	12	39	0	1	Not Attained
50	CE6611	Environmental Engineering Laboratory	31	31	100	3	1	Attained
51	CE6612	Concrete and Highway Engineering Laboratory	31	31	100	3	1	Attained
SEMESTER VII								
52	CE6701	Structural Dynamics and Earthquake Engineering	25	7	28	0	1	Not Attained
53	CE6702	Prestressed Concrete Structures	25	6	24	0	1	Not Attained
54	CE6703	Water Resources and Irrigation Engineering	25	9	36	0	1	Not Attained
55	CE6704	Estimation Quantity Survey	25	10	40	0	1	Not Attained
56	CE 6006	Traffic Engineering and Management	25	2	8	1	1	Attained
57	EN6501	Municipal Solid Waste Management	25	9	36	3	1	Not Attained
58	CE6711	Computer Aided Design and Drafting Laboratory	25	16	64	2	1	Attained
59	CE6712	Design Project	25	24	96	3	1	Attained
SEMESTER VIII								
60	MG6851	Principles of Management	26	18	69	2	1	Attained
61	CE6016	Prefabricated Structures	26	15	58	1	1	Attained
62	CE6021	Repair and Rehabilitation of Structures	26	18	69	2	1	Attained
63	CE6811	Project Work	26	26	100	3	1	Attained

Overall Attainment Status	
Total Number of Subjects	63
Number of Subjects attained	49
Number of Subjects Not attained	14



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PO & PSO ATTAINMENT - TARGET LEVEL - 1
ACADEMIC YEAR 2018 - 2019 (R-2013)

S. No.	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	HS8151	2	2	2	3	0	0	0	2	0	3	0	0	3	0
2	MA8151	3	3	2	2	1	0	1	1	1	3	1	0	2	0
3	PH8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
4	CY8151	3	3	0	3	3	0	0	1	1	1	0	0	1	0
5	GE8151	3	3	2	2	0	0	0	0	0	3	0	0	2	0
6	GE8152	3	3	2	2	0	0	0	0	0	3	0	0	2	0
7	GE8161	3	3	3	3	1	1	0	0	0	2	0	0	3	1
8	BS8161	3	3	3	3	1	1	0	0	0	2	0	0	3	1
9	HS8251	2	2	2	2	0	0	0	0	1	3	0	2	3	1
10	MA8251	3	3	3	2	0	1	1	1	0	2	0	0	2	0
11	PH8202	3	3	3	3	0	0	0	0	0	3	0	0	3	3
12	BE8254	3	3	3	2	0	1	1	1	0	2	0	0	2	0
13	GE8291	3	3	2	3	3	0	0	0	0	2	0	0	3	0
14	GE8292	3	3	3	2	0	1	1	1	0	2	0	0	2	0
15	CE8211	3	3	3	3	1	0	0	0	0	2	0	0	3	1
16	GE8261	3	3	3	3	0	0	0	0	0	3	0	0	3	1
17	MA8353	3	3	3	3	0	0	0	0	0	3	0	0	3	1
18	CE8301	3	3	3	2	2	0	0	0	0	2	1	2	3	0
19	CE8302	3	3	3	3	0	0	0	0	0	3	0	0	3	1
20	CE8351	3	3	3	3	0	0	0	0	0	3	0	0	3	1
21	CE8391	3	3	3	2	2	0	0	0	0	2	1	2	3	1
22	CE8392	3	3	3	2	2	0	0	0	0	2	1	2	3	1
23	CE8311	3	3	3	2	2	0	0	0	0	2	1	2	3	1
24	CE8361	3	3	3	2	2	0	0	0	0	2	1	2	3	1
25	HS8381	3	3	3	2	2	0	0	0	0	2	1	2	3	1
26	MA8491	3	3	3	2	2	0	0	0	0	2	1	2	3	1
27	CE8401	3	3	3	2	2	0	0	0	0	2	1	2	3	0
28	CE8402	3	3	3	2	2	0	0	0	0	2	1	2	3	0
29	CE8403	3	3	3	2	2	0	0	0	0	2	1	2	3	0
30	CE8404	3	3	3	2	2	0	0	0	0	2	1	2	3	1
31	CE8491	3	3	3	2	2	0	0	0	0	2	1	2	3	1
32	CE8481	2	3	3	3	2	1	1	1	1	3	0	1	3	3
33	CE8461	2	3	3	3	2	1	1	1	1	3	0	1	3	3
34	HS8461	2	3	3	3	2	1	1	1	1	3	0	1	3	3
35	CE6501	3	3	3	3	0	0	0	0	0	3	0	0	3	1
36	CE6502	3	3	3	3	0	0	0	0	0	3	0	0	3	1
37	CE6503	3	3	3	3	0	0	0	0	0	3	0	0	3	1
38	CE6504	3	3	3	3	0	1	0	0	0	3	0	0	3	1
39	CE6505	3	3	3	3	0	1	0	0	0	3	0	0	3	1
40	CE6506	3	3	3	3	0	1	0	0	0	3	0	0	3	1
41	GE6674	2	3	3	3	2	1	1	1	1	3	0	1	3	3
42	CE6511	2	3	3	3	2	1	1	1	1	3	0	1	3	3
43	CE6512	2	3	3	3	2	1	1	1	1	3	0	1	3	3
44	CE6601	3	3	3	3	2	0	1	0	1	3	1	1	3	1
45	CE6602	3	3	3	3	1	0	0	0	0	3	0	1	3	1
46	CE6603	3	3	3	3	1	0	0	0	0	3	0	1	3	1
47	CE6604	3	2	3	3	1	0	2	0	0	3	0	1	3	1
48	CE6605	3	2	3	3	1	0	2	0	0	3	0	1	3	1
49	CE6002	3	3	3	3	1	0	0	1	1	3	1	1	3	1
50	CE6611	3	3	3	3	0	0	0	2	0	3	0	0	3	1
51	CE6612	3	2	3	3	0	0	0	0	0	3	0	0	3	1
52	CE6701	1	3	3	3	1	0	2	2	0	2	1	0	3	2
53	CE6702	2	3	3	3	1	0	0	2	0	2	1	0	3	2

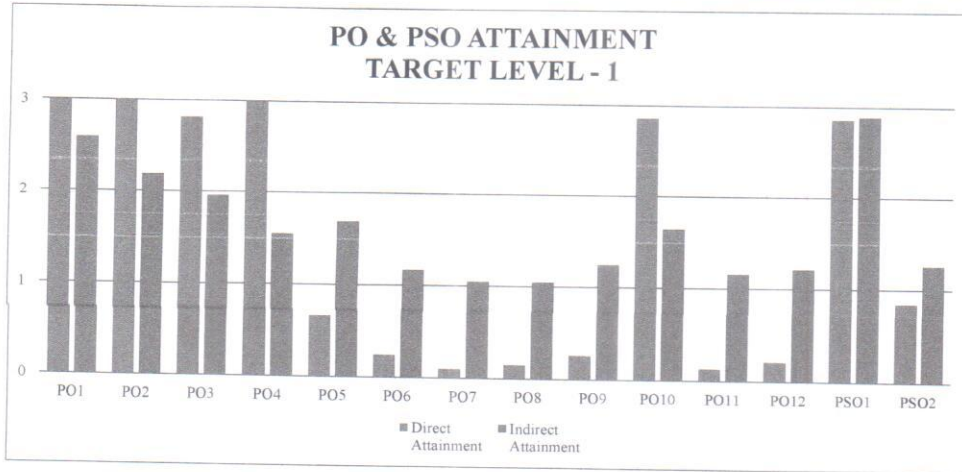
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54	CE6703	1	3	3	3	1	0	0	2	0	2	1	0	3	2
55	CE6704	2	3	3	3	1	0	0	2	0	2	1	0	3	2
56	CE6006	2	3	3	3	1	0	0	2	0	2	1	0	3	0
57	EN6501	2	3	3	3	1	0	0	2	0	2	1	0	3	2
58	CE6711	3	3	3	2	2	0	0	0	0	2	0	1	3	3
59	CE6712	3	3	2	3	0	2	0	1	2	3	2	2	3	0
60	MG6851	3	3	3	3	1	1	0	0	0	3	0	1	3	1
61	CE6016	3	3	3	3	2	0	1	0	0	3	0	1	1	1
62	CE6021	3	3	3	3	1	0	1	0	1	3	2	1	3	1
63	CE6811	3	3	3	3	1	1	0	0	0	3	0	1	3	1

PO & PSO ATTAINMENT - TARGET LEVEL - 1

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct Attainment	3	3	3	3	1	0	0	0	0	3	0	0	3	1
Indirect Attainment	3	2	2	2	2	1	1	1	1	2	1	1	3	1




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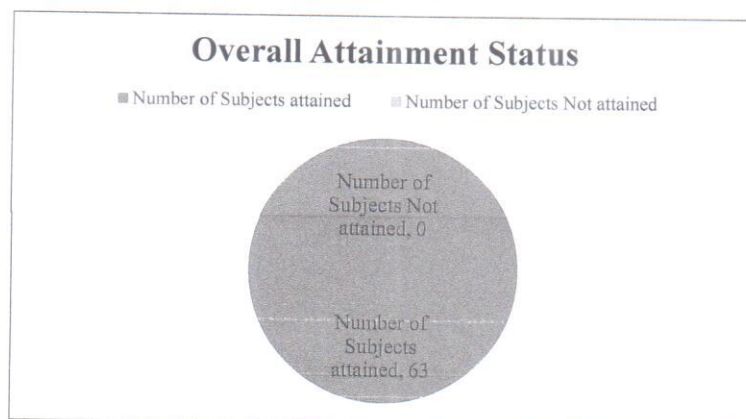
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ATTAINMENT ON SCORING 'B AND ABOVE'
ACADEMIC YEAR 2020 - 2021 (R - 2017)**

S.NO	SUBJECT CODE	SUBJECT TITLE	NO. STUDENTS APPEARED	NO. STUDENTS SCORED GRADE B AND ABOVE	% OF STUDENTS 'B' AND ABOVE	ATTAINMENT LEVEL	TARGET LEVEL	REMARKS
SEMESTER I								
1	HS8151	Communicative English	40	39	98	3	2	Attained
2	MA8151	Engineering Mathematics - I	41	41	100	3	2	Attained
3	PH8151	Engineering Physics	40	40	100	3	2	Attained
4	CY8151	Engineering Chemistry	40	37	93	3	2	Attained
5	GE8151	Problem Solving and Python Programming	41	39	95	3	2	Attained
6	GE8152	Engineering Graphics	40	39	98	3	2	Attained
7	GE8161	Problem Solving and Python Programming Laboratory	40	40	100	3	2	Attained
8	BS8161	Physics and Chemistry Laboratory	40	40	100	3	2	Attained
SEMESTER II								
9	HS8251	Technical English	41	39	95	3	2	Attained
10	MA8251	Engineering Mathematics – II	41	38	93	3	2	Attained
11	PH8253	Physics for Electronics Engineering	40	40	100	3	2	Attained
12	BE8254	Basic Electrical and Instrumentation Engineering	41	38	93	3	2	Attained
13	EC8251	Circuit Analysis	40	40	100	3	2	Attained
14	EC8252	Electronic Devices	41	38	93	3	2	Attained
15	EC8261	Circuits and Devices Laboratory	41	38	93	3	2	Attained
16	GE8261	Engineering Practices Laboratory	40	40	100	3	2	Attained
SEMESTER III								
17	MA8352	Linear Algebra and Partial Differential Equations	42	42	100	3	2	Attained
18	EC8393	Fundamentals of Data Structures In C	42	42	100	3	2	Attained
19	EC8351	Electronic Circuits- I	42	41	98	3	2	Attained
20	EC8352	Signals and Systems	42	42	100	2	2	Attained
21	EC8392	Digital Electronics	46	42	91	2	2	Attained
22	EC8391	Control System Engineering	46	42	91	2	2	Attained
23	EC8381	Fundamentals of Data Structures in C Laboratory	48	42	88	2	2	Attained
24	EC8361	Analog and Digital Circuits Laboratory	48	42	88	2	2	Attained
25	HS8381	Interpersonal Skills/Listening & Speaking	48	42	88	2	2	Attained
SEMESTER IV								
26	MA8451	Probability and Random Processes	42	42	100	3	2	Attained
27	EC8452	Electronic Circuits II	42	42	100	3	2	Attained
28	EC8491	Communication Theory	42	42	100	3	2	Attained
29	EC8451	Electromagnetic Fields	42	42	100	3	2	Attained
30	EC8453	Linear Integrated Circuits	42	42	100	3	2	Attained


PRINCIPAL**THAMIRABHARANI ENGINEERING COLLEGE**Chathirampudukulam Village,
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31	GE8291	Environmental Science and Engineering	41	41	100	3	2	Attained
32	EC8461	Circuits Design and Simulation Laboratory	42	42	100	3	2	Attained
33	EC8462	Linear Integrated Circuits Laboratory	42	42	100	3	2	Attained
SEMESTER V								
34	EC8501	Digital Communication	20	20	100	3	2	Attained
35	EC8553	Discrete-Time Signal Processing	20	20	100	3	2	Attained
36	EC8552	Computer Architecture and Organization	20	20	100	3	2	Attained
37	EC8551	Communication Networks	20	19	95	3	2	Attained
38	OR0551	Renewable Energy Sources	20	20	100	3	2	Attained
39	EC8073	Medical Electronics	20	20	100	3	2	Attained
40	EC8562	Digital Signal Processing Laboratory	20	20	100	3	2	Attained
41	EC8561	Communication Systems Laboratory	20	20	100	3	2	Attained
42	EC8563	Communication Networks Laboratory	20	20	100	3	2	Attained
SEMESTER VI								
43	EC8691	Microprocessors and Microcontrollers	20	20	100	3	2	Attained
44	EC8095	VLSI Design	20	20	100	3	2	Attained
45	EC8652	Wireless Communication	20	20	100	3	2	Attained
46	MG8591	Principles of Management	20	20	100	3	2	Attained
47	EC8651	Transmission Lines and RF Systems	20	20	100	3	2	Attained
48	CS8792	Cryptography and Network Security	20	20	100	3	2	Attained
49	EC8681	Microprocessors and Microcontrollers Laboratory	20	20	100	3	2	Attained
50	EC8661	VLSI Design Laboratory	20	20	100	3	2	Attained
51	EC8611	Technical Seminar	20	20	100	3	2	Attained
52	HS8581	Professional Communication	20	20	100	3	2	Attained
SEMESTER VII								
53	EC8701	Antennas and Microwave Engineering	16	15	94	3	2	Attained
54	EC8751	Optical Communication	18	18	100	3	2	Attained
55	EC8791	Embedded and Real Time Systems	16	15	94	3	2	Attained
56	EC8702	Ad hoc and Wireless Sensor Networks	17	16	94	3	2	Attained
57	OCS752	Introduction to C Programming	15	15	100	3	2	Attained
58	EC8071	Cognitive Radio	16	16	100	3	2	Attained
59	EC8761	Advanced Communication Laboratory	15	15	100	3	2	Attained
60	EC8711	Embedded Laboratory	15	15	100	3	2	Attained
SEMESTER VIII								
61	EC8093	Digital Image Processing	17	17	100	3	2	Attained
62	IT8006	Principles of Speech Processing	17	16	94	3	2	Attained
63	EC8811	Project Work	15	15	100	3	2	Attained

Overall Attainment Status	
Total Number of Subjects	63
Number of Subjects attained	63
Number of Subjects Not attained	0




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THAMIRABHARANI ENGINEERING COLLEGE

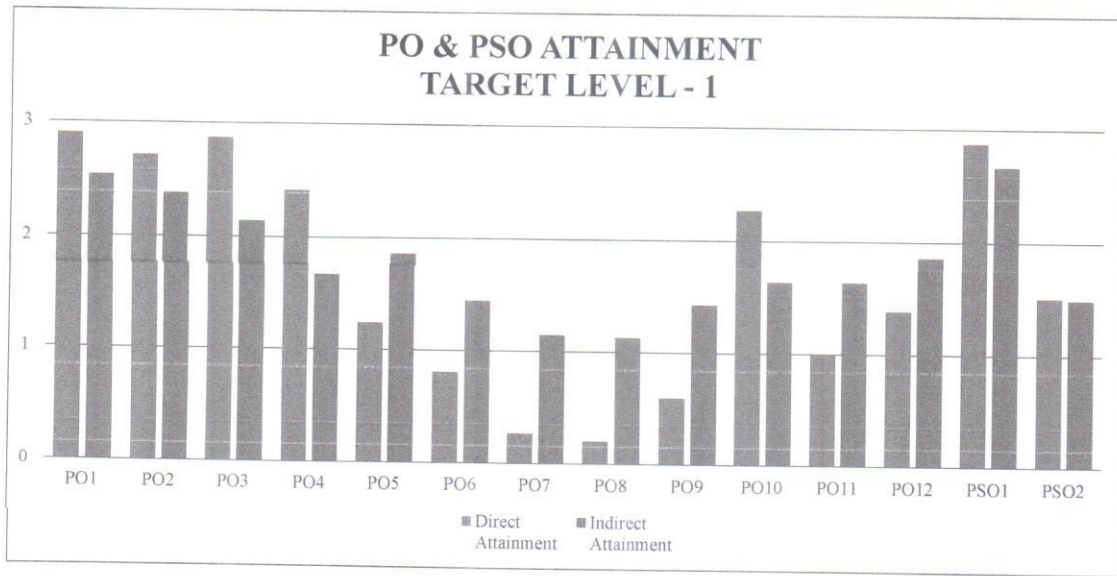
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Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND ENGINEERING
PO & PSO ATTAINMENT - TARGET LEVEL - 2
ACADEMIC YEAR 2020 - 2021 (R - 2017)

S. No.	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	HS8151	2	2	2	2	0	0	0	0	1	3	0	2	3	0
2	MA8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
3	PH8151	3	3	2	2	0	0	0	0	0	3	0	0	3	0
4	CY8151	3	3	2	2	0	0	0	0	0	3	0	0	3	0
5	GE8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
6	GE8152	3	3	3	3	0	0	0	0	0	3	0	0	3	1
7	GE8161	3	3	3	3	1	0	0	0	0	2	0	0	3	1
8	BS8161	3	2	1	1	0	0	0	0	0	1	0	0	1	1
9	HS8251	2	2	2	2	0	0	0	0	1	3	0	2	3	1
10	MA8251	3	3	3	2	0	1	1	1	1	2	0	0	0	2
11	PH8253	3	3	2	2	0	0	0	0	0	3	0	0	3	0
12	BE8254	3	3	3	3	0	0	0	0	0	3	0	0	3	1
13	EC8251	3	3	3	0	3	0	0	0	0	0	3	3	3	3
14	EC8252	3	3	3	0	3	0	0	0	0	0	0	3	3	3
15	EC8261	3	3	3	3	0	0	0	0	0	3	0	0	3	1
16	GE8261	3	3	3	3	0	1	0	0	1	3	1	1	1	1
17	MA8352	3	3	2	2	0	0	0	0	0	3	0	0	3	3
18	EC8393	3	3	3	3	3	2	0	0	0	3	3	3	3	3
19	EC8351	3	3	3	3	1	1	0	0	0	2	1	1	3	1
20	EC8352	3	3	3	0	3	0	0	0	0	0	3	3	3	3
21	EC8392	3	3	3	0	3	0	0	0	0	0	0	3	3	3
22	EC8391	3	3	3	0	3	0	0	0	0	0	0	3	3	3
23	EC8381	3	3	3	3	0	1	0	0	1	3	1	1	3	3
24	EC8361	3	3	3	3	0	1	0	0	1	3	1	1	3	3
25	HS8381	3	3	3	3	0	1	0	0	1	3	1	1	3	3
26	MA8451	3	3	3	3	1	1	1	1	1	2	0	0	3	0
27	EC8452	2	2	2	2	1	1	0	0	0	2	1	1	3	0
28	EC8491	2	2	1	1	1	1	1	1	1	1	1	1	3	1
29	EC8451	3	3	3	0	3	0	0	0	0	0	2	3	3	3
30	EC8453	3	3	2	2	0	0	0	0	0	2	1	1	3	1
31	GE8291	3	3	3	2	0	2	1	1	0	2	0	0	3	0
32	EC8461	3	3	3	2	1	0	0	0	1	3	1	1	3	1
33	EC8462	3	3	3	3	1	0	0	0	0	2	0	1	3	1
34	EC8501	3	3	3	1	3	1	1	1	1	1	3	3	3	3
35	EC8553	3	3	3	2	3	3	3	1	3	1	2	2	3	2
36	EC8552	3	3	3	3	2	1	1	1	1	1	3	2	3	0
37	EC8551	3	3	2	1	2	2	1	1	1	1	1	1	3	1
38	OR0551	3	2	3	3	1	3	3	1	1	1	1	1	2	0
39	EC8073	3	3	3	3	3	3	3	3	1	1	1	3	3	3
40	EC8562	3	3	3	1	3	2	1	1	3	3	3	2	3	2
41	EC8561	3	3	3	1	3	2	1	1	3	3	3	2	3	2
42	EC8563	3	3	3	1	3	2	1	1	3	3	3	2	3	2
43	EC8691	2	1	2	2	1	3	1	1	1	1	1	2	3	2
44	EC8095	2	3	3	3	3	1	1	1	1	1	2	3	3	3
45	EC8652	3	2	2	2	3	1	1	1	1	3	1	3	3	3
46	MG8591	1	1	1	1	1	1	1	3	3	3	3	1	3	1
47	EC8651	3	3	3	1	3	1	1	1	1	1	3	3	3	3
48	CS8792	3	3	2	1	2	2	1	1	1	1	1	1	3	1
49	EC8681	3	2	2	1	2	1	1	1	2	2	2	2	3	1


PRINCIPAL
THAMIRABHARANI ENGINEERING COLLEGE
Chathirampudukulam Village,
Chidambaranagar - Vepemkulam Road,
Thatchanallur, Tirunelveli - 627 353.

50	EC8661	3	2	2	2	2	1	1	1	1	1	1	2	3	1
51	EC8611	1	1	1	2	1	1	1	1	2	3	1	1	0	0
52	HS8581	2	3	3	2	3	1	1	1	1	2	2	2	2	2
53	EC8701	3	3	3	3	3	1	1	1	1	1	1	2	3	2
54	EC8751	3	3	3	1	3	1	1	1	1	2	1	3	3	3
55	EC8791	2	1	2	2	1	3	1	1	1	1	1	1	2	3
56	EC8702	3	3	3	3	2	3	2	1	1	1	1	2	3	3
57	OCS752	3	3	3	3	3	3	1	1	2	1	3	3	3	3
58	EC8071	3	3	2	1	2	1	1	1	1	1	2	2	3	2
59	EC8761	3	3	3	3	3	3	1	1	1	1	3	3	2	2
60	EC8711	2	1	2	1	2	2	1	1	2	3	3	2	2	2
61	EC8093	3	3	3	3	3	1	1	1	1	3	1	3	3	3
62	IT8006	3	3	2	1	2	1	1	1	1	2	1	3	3	2
63	EC8811	3	3	3	3	3	3	2	2	2	3	3	3	3	2
Direct Attainment		3	3	3	2	1	1	0	0	1	2	1	1	3	2
Indirect Attainment		3	2	2	2	2	1	1	1	1	2	2	2	3	1




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 Thatchanallur, Tirunelveli - 627 353.



THAMIRABHARANI ENGINEERING COLLEGE

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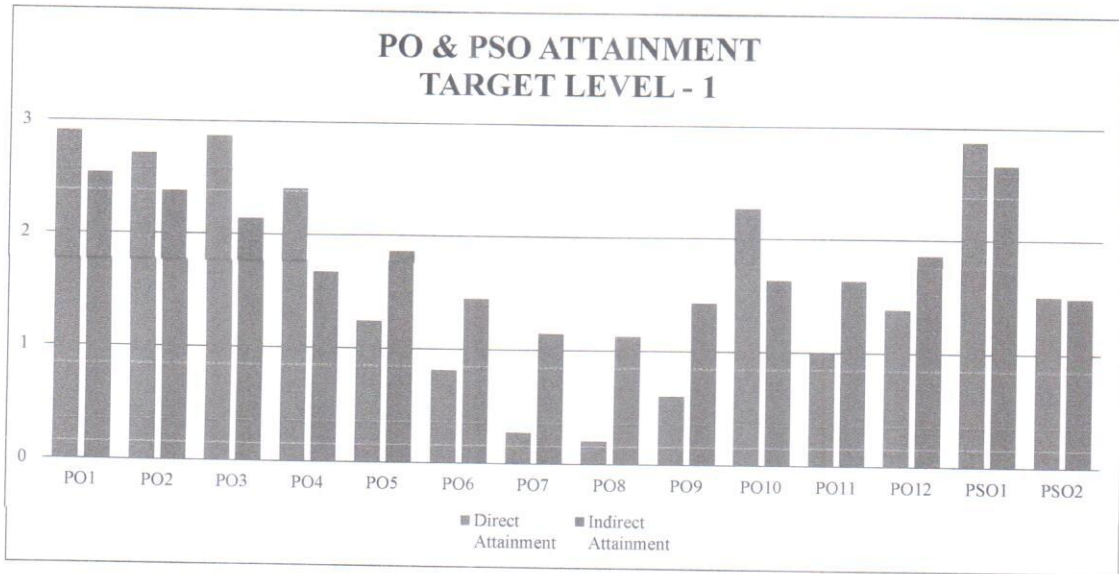
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Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND ENGINEERING
PO & PSO ATTAINMENT - TARGET LEVEL - 2
ACADEMIC YEAR 2020 - 2021 (R - 2017)

S. No.	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	HS8151	2	2	2	2	0	0	0	0	1	3	0	2	3	0
2	MA8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
3	PH8151	3	3	2	2	0	0	0	0	0	3	0	0	3	0
4	CY8151	3	3	2	2	0	0	0	0	0	3	0	0	3	0
5	GE8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
6	GE8152	3	3	3	3	0	0	0	0	0	3	0	0	3	1
7	GE8161	3	3	3	3	1	0	0	0	0	2	0	0	3	1
8	BS8161	3	2	1	1	0	0	0	0	0	1	0	0	1	1
9	HS8251	2	2	2	2	0	0	0	0	1	3	0	2	3	1
10	MA8251	3	3	3	2	0	1	1	1	1	2	0	0	0	2
11	PH8253	3	3	2	2	0	0	0	0	0	3	0	0	3	0
12	BE8254	3	3	3	3	0	0	0	0	0	3	0	0	3	1
13	EC8251	3	3	3	0	3	0	0	0	0	0	3	3	3	3
14	EC8252	3	3	3	0	3	0	0	0	0	0	0	3	3	3
15	EC8261	3	3	3	3	0	0	0	0	0	3	0	0	3	1
16	GE8261	3	3	3	3	0	1	0	0	1	3	1	1	1	1
17	MA8352	3	3	2	2	0	0	0	0	0	3	0	0	3	3
18	EC8393	3	3	3	3	3	2	0	0	0	3	3	3	3	3
19	EC8351	3	3	3	3	1	1	0	0	0	2	1	1	3	1
20	EC8352	3	3	3	0	3	0	0	0	0	0	3	3	3	3
21	EC8392	3	3	3	0	3	0	0	0	0	0	0	3	3	3
22	EC8391	3	3	3	0	3	0	0	0	0	0	0	3	3	3
23	EC8381	3	3	3	3	0	1	0	0	1	3	1	1	3	3
24	EC8361	3	3	3	3	0	1	0	0	1	3	1	1	3	3
25	HS8381	3	3	3	3	0	1	0	0	1	3	1	1	3	3
26	MA8451	3	3	3	3	1	1	1	1	1	2	0	0	3	0
27	EC8452	2	2	2	2	1	1	0	0	0	2	1	1	3	0
28	EC8491	2	2	1	1	1	1	1	1	1	1	1	1	3	1
29	EC8451	3	3	3	0	3	0	0	0	0	0	2	3	3	3
30	EC8453	3	3	2	2	0	0	0	0	0	2	1	1	3	1
31	GE8291	3	3	3	2	0	2	1	1	0	2	0	0	3	0
32	EC8461	3	3	3	2	1	0	0	0	1	3	1	1	3	1
33	EC8462	3	3	3	3	1	0	0	0	0	2	0	1	3	1
34	EC8501	3	3	3	1	3	1	1	1	1	1	3	3	3	3
35	EC8553	3	3	3	2	3	3	3	1	3	1	2	2	3	2
36	EC8552	3	3	3	3	2	1	1	1	1	1	3	2	3	0
37	EC8551	3	3	2	1	2	2	1	1	1	1	1	1	3	1
38	OR0551	3	2	3	3	1	3	3	1	1	1	1	2	0	0
39	EC8073	3	3	3	3	3	3	3	3	1	1	1	3	3	3
40	EC8562	3	3	3	1	3	2	1	1	3	3	3	2	3	2
41	EC8561	3	3	3	1	3	2	1	1	3	3	3	2	3	2
42	EC8563	3	3	3	1	3	2	1	1	3	3	3	2	3	2
43	EC8691	2	1	2	2	1	3	1	1	1	1	1	2	3	2
44	EC8095	2	3	3	3	3	1	1	1	1	2	3	3	3	3
45	EC8652	3	2	2	2	3	1	1	1	1	3	1	3	3	3
46	MG8591	1	1	1	1	1	1	1	3	3	3	3	1	3	1
47	EC8651	3	3	3	1	3	1	1	1	1	1	3	3	3	3
48	CS8792	3	3	2	1	2	2	1	1	1	1	1	1	3	1
49	EC8681	3	2	2	1	2	1	1	1	2	2	2	2	3	1

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THAMIRABHARANI ENGINEERING COLLEGE
Chathirampudukulam Village,
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50	EC8661	3	2	2	2	2	1	1	1	1	1	1	2	3	1
51	EC8611	1	1	1	2	1	1	1	1	2	3	1	1	0	0
52	HS8581	2	3	3	2	3	1	1	1	1	2	2	2	2	2
53	EC8701	3	3	3	3	3	1	1	1	1	1	1	2	3	2
54	EC8751	3	3	3	1	3	1	1	1	1	2	1	3	3	3
55	EC8791	2	1	2	2	1	3	1	1	1	1	1	1	2	3
56	EC8702	3	3	3	3	2	3	2	1	1	1	1	2	3	3
57	OCS752	3	3	3	3	3	3	1	1	2	1	3	3	3	3
58	EC8071	3	3	2	1	2	1	1	1	1	1	2	2	3	2
59	EC8761	3	3	3	3	3	3	1	1	1	1	3	3	2	2
60	EC8711	2	1	2	1	2	2	1	1	2	3	3	2	2	2
61	EC8093	3	3	3	3	3	1	1	1	1	3	1	3	3	3
62	IT8006	3	3	2	1	2	1	1	1	1	2	1	3	3	2
63	EC8811	3	3	3	3	3	3	2	2	2	3	3	3	3	2
Direct Attainment		3	3	3	2	1	1	0	0	1	2	1	1	3	2
Indirect Attainment		3	2	2	2	2	1	1	1	1	2	2	2	3	1



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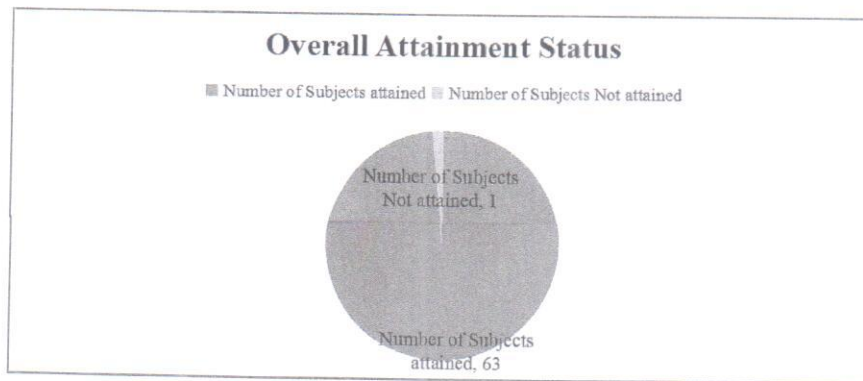
DEPARTMENT OF MECHANICAL ENGINEERING ATTAINMENT ON SCORING 'E FOR R - 2013 & B FOR R - 2017' AND ABOVE ACADEMIC YEAR 2019 - 2020 (R-2013 & R - 2017)

S.NO	SUBJECT CODE	SUBJECT TITLE	NO. STUDENTS APPEARED	NO. STUDENTS SCORED 'E' & 'B' GRADE AND ABOVE	% OF STUDENTS 'E' & 'B' AND ABOVE	ATTAINMENT LEVEL	TARGET LEVEL	REMARKS
1	HS8151	Communicative English	37	28	100	3	1	Attained
2	MA8151	Engineering Mathematics - I	34	10	29	0	1	Not Attained
3	PH8151	Engineering Physics	36	16	44	2	1	Attained
4	CY8151	Engineering Chemistry	30	13	43	3	1	Attained
5	GE8151	Problem Solving and Python Programming	34	1	3	0	1	Not Attained
6	GE8152	Engineering Graphics	31	26	84	2	1	Attained
7	GE8161	Problem Solving and Python Programming Laboratory	32	31	97	2	1	Attained
8	BS8161	Physics and Chemistry Laboratory	37	29	78	2	1	Attained
9	HS8251	Technical English	34	34	100	2	1	Attained
10	MA8251	Engineering Mathematics - II	28	28	100	3	1	Attained
11	PH8251	Materials Science	30	30	100	2	1	Attained
12	BE8253	Basic Electrical, Electronics and Instrumentation Engineering	30	30	100	3	1	Attained
13	GE8291	Environmental Science and Engineering	34	31	91	2	1	Attained
14	GE8292	Engineering Mechanics	30	30	100	3	1	Attained
15	GE8261	Engineering Practices Laboratory	30	30	100	2	1	Attained
16	BE8261	Basic Electrical, Electronics and Instrumentation Engineering Laboratory	34	34	100	2	1	Attained
17	MA8353	Transforms and Partial Differential Equations	16	1	6	3	1	Attained
18	ME8391	Engineering Thermodynamics	16	4	25	3	1	Attained
19	CE8394	Fluid Mechanics and Machinery	17	6	35	3	1	Attained
20	ME8351	Manufacturing Technology - I	17	10	59	3	1	Attained
21	EE8353	Electrical Drives and Controls	16	5	31	3	1	Attained
22	ME8361	Manufacturing Technology Laboratory - I	18	18	100	3	1	Attained
23	ME8381	Computer Aided Machine Drawing	18	18	100	3	1	Attained
24	EE8361	Electrical Engineering Laboratory	18	16	89	2	1	Attained
25	HS8381	Interpersonal Skills/ Listening & Speaking	18	18	100	3	1	Attained
26	MA 8452	Statistics And Numerical Methods	16	16	100	3	1	Attained
27	ME8491	Engineering Metallurgy	16	16	100	3	1	Attained
28	ME8492	Kinematics Of Machinery	16	16	100	3	1	Attained
29	ME8493	Thermal Engineering-I	16	16	100	3	1	Attained
30	ME8451	Manufacturing Technology-II	16	16	100	3	1	Attained
31	CE8395	Strength Of Materials For Mechanical Engineers	16	16	100	3	1	Attained
32	ME8462	Manufacturing Technology Laboratory-II	16	16	100	3	1	Attained
33	CE8381	Strength Of Materials And Fluid Mechanics & Machinery laboratory	16	16	100	3	1	Attained
34	HS8461	Advanced Reading And Writing	16	16	100	3	1	Attained
35	OAT352	Internal Combustion Engines	29	14	48	3	1	Attained
36	ME8593	Design of Machine Elements	29	13	45	3	1	Attained
37	ME8501	Metrology and Measurements	29	20	69	3	1	Attained
38	ME8594	Dynamics of Machines	26	9	35	3	1	Attained
39	ME8595	Thermal Engineering -II	27	12	44	3	1	Attained
40	ME8511	Kinematics & Dynamics Laboratory	29	29	100	3	1	Attained
41	ME8512	Thermal Engineering Laboratory	29	28	97	3	1	Attained
42	ME8513	Metrology and Measurements Laboratory	29	29	100	3	1	Attained
43	ME8651	Design of Transmission Systems	29	29	100	3	1	Attained
44	ME8691	Computer Aided Design and Manufacturing	29	29	100	3	1	Attained
45	ME8693	Heat and Mass Transfer	29	29	100	3	1	Attained
46	ME8692	Finite Element Analysis	29	29	100	3	1	Attained
47	ME8694	Hydraulics and Pneumatics	29	29	100	3	1	Attained
48	ME8091	Automobile Engineering	29	29	100	3	1	Attained
49	ME8681	CAD / CAM Laboratory	29	29	100	3	1	Attained
50	ME8682	Design and Fabrication Project	29	29	100	3	1	Attained
51	HS8581	Professional Communication	29	29	100	3	1	Attained

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52	GE 6757	Total Quality Management	34	25	74	3	1	Attained
53	ME 6702	Mechatronics	34	19	56	3	1	Attained
54	ME 6703	Computer Integrated Manufacturing	34	24	71	3	1	Attained
55	ME 6701	Power Plant Engineering	34	25	74	3	1	Attained
56	ME 6012	Maintenance Engineering	34	29	85	3	1	Attained
57	ME 6005	Process Planning & Cost Estimation	32	20	63	3	1	Attained
58	ME 6711	Computer Aided Simulation & Analysis Laboratory	34	34	100	3	1	Attained
59	ME 6712	Mechatronics Lab	34	34	100	3	1	Attained
60	ME 6713	Comprehension	34	34	100	3	1	Attained
61	MG6863	Engineering Economics	34	34	100	3	1	Attained
62	IE6605	Production Planning and Control	34	33	97	3	1	Attained
63	ME6016	Advanced IC Engines	34	34	100	3	1	Attained
64	ME6811	Project Work	34	34	100	3	1	Attained

Overall Attainment Status	
Total Number of Subjects	64
Number of Subjects attained	62
Number of Subjects Not attained	2




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 Chathirampudukulam Vilage,
 Chidambaranagar - Vepenkulam Road,
 Thatchanallur, Tirunelveli - 627 353.



THAMIRABHARANI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
 Chathirampudukulam, Chidambaranagar - Vepemkulam Road
 Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

DEPARTMENT OF MECHANICAL ENGINEERING

PO & PSO ATTAINMENT - TARGET LEVEL - 1 (R - 2013) & TARGET LEVEL - 2 (R - 2017)

ACADEMIC YEAR 2019 - 2020 (R-2013 & R - 2017)

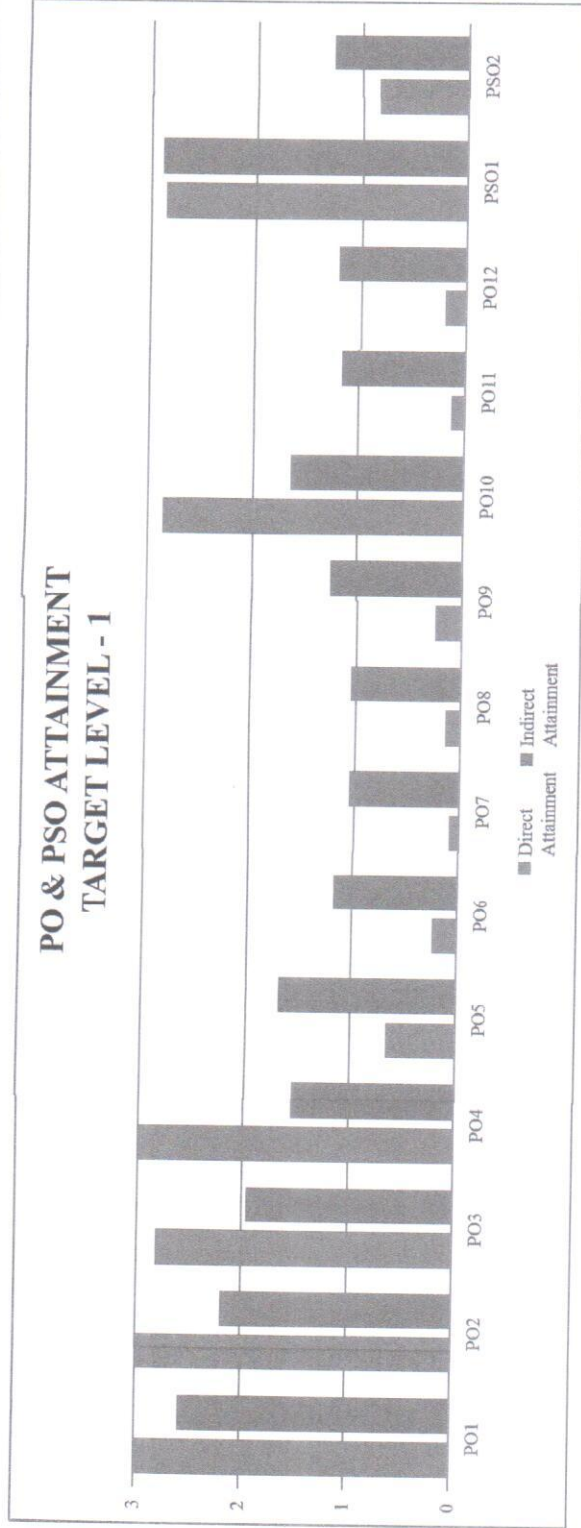
S.No.	Subject Code	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011	P012	PSO1	PSO2
1	HS8151	2	2	2	2	0	0	0	0	1	3	0	2	3	0
2	MA8151	3	3	3	2	0	1	1	1	0	2	0	0	2	0
3	PH8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
4	CY8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
5	GE8151	3	3	3	3	0	0	0	0	0	3	0	0	3	1
6	GE8152	3	3	3	3	1	0	0	0	0	2	0	0	3	1
7	GE8161	3	3	3	3	1	0	0	0	0	2	0	0	3	1
8	BS8161	3	3	3	3	0	0	0	0	0	1	0	0	1	1
9	HS8251	2	2	2	2	0	0	0	0	1	3	0	2	3	1
10	MA8251	3	3	3	3	0	0	0	0	0	3	0	0	3	1
11	PH8251	3	3	3	3	0	0	0	0	0	3	0	0	3	1
12	BE8253	3	3	3	3	1	0	0	0	0	3	0	0	3	1
13	GE8291	3	3	3	2	0	1	1	1	0	2	0	0	3	0
14	GE8292	3	3	3	0	3	1	1	0	0	0	0	0	0	0
15	GE8261	3	3	3	3	0	0	0	0	0	3	0	0	3	1
16	BE8261	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	MA8353	3	3	3	3	1	0	0	0	1	2	0	1	3	1
18	ME8391	3	3	3	3	0	0	0	0	0	3	0	2	3	1
19	CE8394	3	3	2	2	0	0	0	0	0	3	0	0	3	1
20	ME8351	3	3	2	2	0	0	0	0	0	3	0	0	3	1
21	EE8353	3	3	2	2	0	0	0	0	0	3	0	0	3	0
22	ME8361	3	3	3	3	2	0	0	0	0	2	0	0	3	0
23	ME8381	3	3	2	3	0	0	0	0	0	2	0	0	3	0
24	EE8361	3	3	2	2	0	0	0	0	2	2	1	0	3	0
25	HS8381	3	3	2	3	0	0	0	0	1	2	2	0	3	0
26	MA 8452	3	3	3	3	0	0	0	0	0	2	0	0	3	1
27	ME8491	3	2	3	3	1	0	0	0	0	3	1	2	3	1
28	ME8492	3	3	3	2	0	0	0	0	0	2	0	0	3	1

(Signature)
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56	GE 6757	2	2	2	0	0	0	1	1	3	1	1	3	0
57	ME 6005	3	2	2	0	0	0	0	0	2	0	0	3	0
58	ME 6012	3	2	3	2	0	0	2	2	3	2	2	3	1
59	ME 6711	3	3	2	2	0	0	2	2	3	2	2	3	1
60	ME 6712	3	2	2	0	0	0	0	0	2	0	0	3	1
61	ME 6713	3	2	2	0	1	2	0	0	3	1	2	3	1
62	MG 6863	3	2	2	0	0	0	0	0	2	0	0	3	0
63	IE 6605	3	3	2	0	0	2	0	2	2	2	2	3	0
64	ME 6016	3	3	3	0	1	0	0	0	2	0	2	3	1

PO & PSO ATTAINMENT - TARGET LEVEL - 1														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Direct	3	3	3	3	1	0	0	0	0	3	0	0	3	1
Indirect	3	2	2	2	2	1	1	1	1	2	1	1	3	1



chvs

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