



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**  
**DEVIYAKURICHI- 636 112, SALEM.**

**2.6.2 ATTAINMENT EVALUATION OF**  
**POs &COS**  
**ACADEMIC YEAR 2017-2018**

**Index**  
**Criterion 2.6.2**

**Course Outcome-Program Outcome-Program Specific Outcome**  
**(CO-PO-PSO)Attainment Evaluation**

<b>ACADEMIC YEAR</b>	<b>DEPARTMENTS</b>	<b>PAGE NUMBER</b>
2017-2018	CSE	3-6
	CIVIL	7-11
	ECE	12-15
	EEE	16-19
	Sample Documents	20-26



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**  
**DEVYAKURICHI-636112,SALEM**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

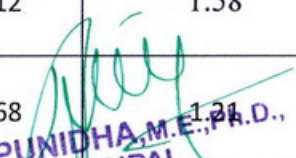
PO/PSO	Statement	Target	Attained value	Attainment %
PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.	2.67	2.02	75.66 %
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	2.05	1.46	71.22 %
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 the public health and safety, and the cultural, societal, and environmental considerations	1.66	1.07	64.46 %
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions	1.21	0.86	71.07 %
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.	1.58	1.06	67.09 %

  
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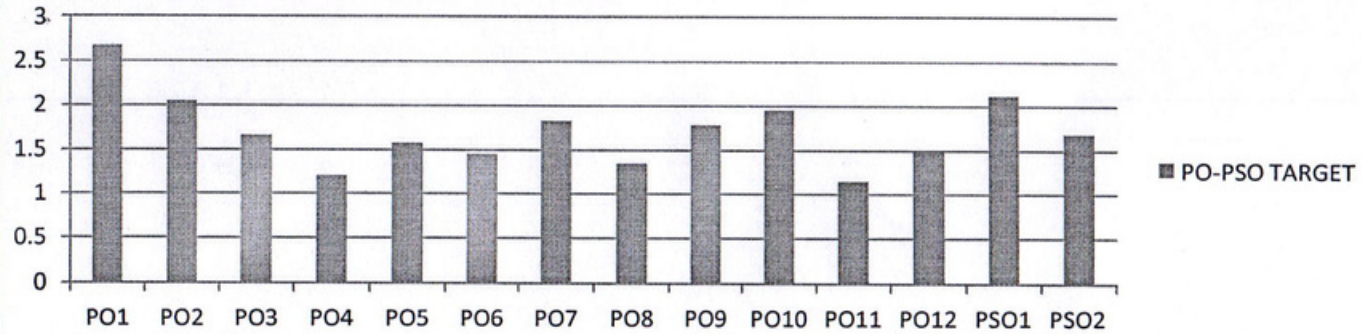


PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	1.45	1.25	86.21 %
PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	1.82	1.50	82.42 %
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	1.35	1.19	88.15 %
PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	1.78	1.38	77.53 %
PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	1.95	1.48	75.90 %
PO11	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 manage projects and in multidisciplinary environments	1.15	0.89	77 %
PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	1.50	1.10	73.33
PSO1	To analyze, design and develop computing solutions by applying foundational concepts of Computer Science and Engineering.	2.12	1.58	74.53
PSO2	To apply software engineering principles and practices for developing quality software for Scientific and business applications.	1.68	1.24	72.02

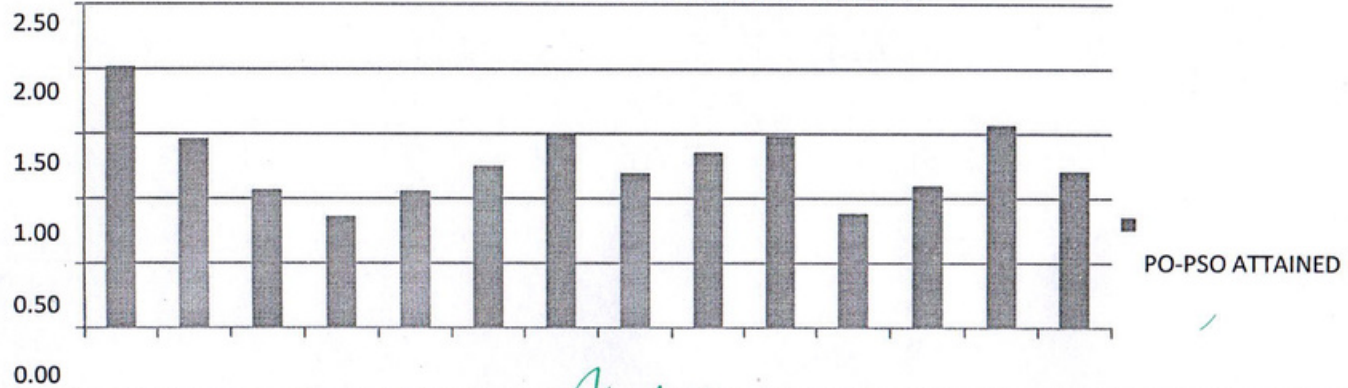
  
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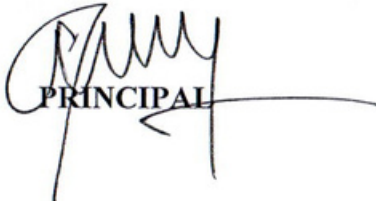
**DEPARTMENT OF CSE  
ACADEMIC YEAR 2017-2018  
CO-PO-PSO TARGET**



**DEPARTMENT OF CSE  
ACADEMIC YEAR 2017-2018  
CO-PO-PSO ATTAINEMENT**



  
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**DEVYAKURICHI-636112,SALEM**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

Department Assessment and Evaluation Committee (DAEC) and Department Assessment and Evaluation Committee (DAEC) had analyzed the CO-PO-PSO attainment of the each department. The Course outcomes of each subject were collected and Program Outcome Attainment and Program Specific Outcome attainment was evaluated for each Course Outcome.

The action taken summary was followed as,

- 1) The Course attainment percentage of the following Program Outcome and Program Specific Outcomes (PO1,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PSO1,PSO2) were obtained the percentage of 70 and above. So The target value is more or less achieved.


**Action taken:**


- Conduct more training programs to the students
- More sessions of soft-skill training are given to the students.

- 2) The Course attainment percentage of the following Program Outcome (PO3, PO5) were obtained the percentage of below 70. So The target value is not achieved

**Action taken:**

- Students feel very difficulty in mathematical oriented subjects. so several tutorial classes were arranged to the students
- Assignment given to slow learners and Counseling was arranged for the slow learners.

  
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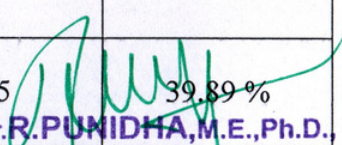
  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

PO/PSO	Statement	Target	Attained value	Attainment %
PO1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	2.92	1.73	59.25 %
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, natural sciences, and engineering sciences	2.63	1.46	55.51 %
PO3	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	2.44	1.29	52.87 %
PO4	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions	2.23	1.2	53.81 %
PO5	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools	1.88	0.75	39.89 %

  
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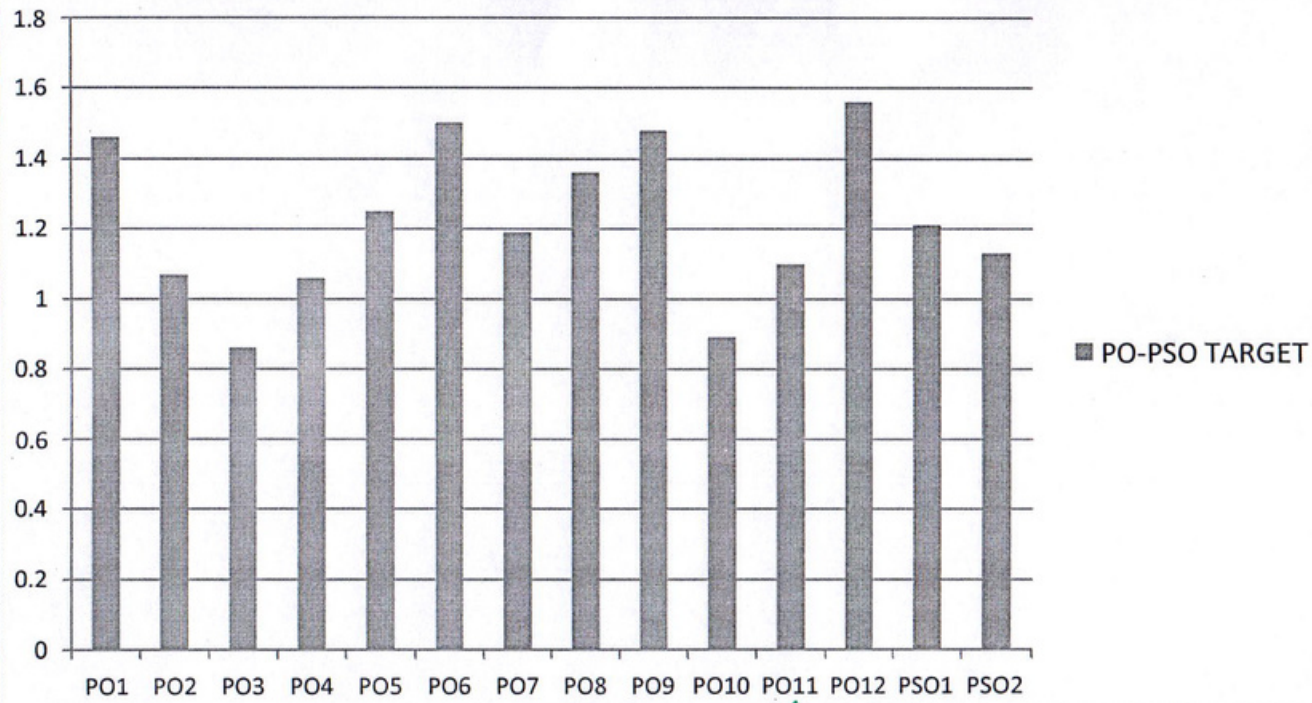


	including prediction and modeling to complex engineering activities with an understanding of the limitations			
PO6	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice	1.7	0.91	53.53 %
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	2.00	0.99	49.50 %
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	1.87	1.08	57.75 %
PO9	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	1.73	1.27	73.41 %
PO10	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions	1.65	1.59	96.36 %
PO11	<b>Project management and finance:</b> 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 manage projects and in multidisciplinary environments	1.29	1.13	88 %
PO12	<b>Life-long Learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	1.23	1.31	98.50 %
PSO1	To apply the engineering fundamentals to an analyze and design the various structural components.	2.34	1.42	60.68 %
PSO2	Able to cater to the changing industrial needs and capable of developing green concepts for different applications.	1.38	1.32	95.65 %

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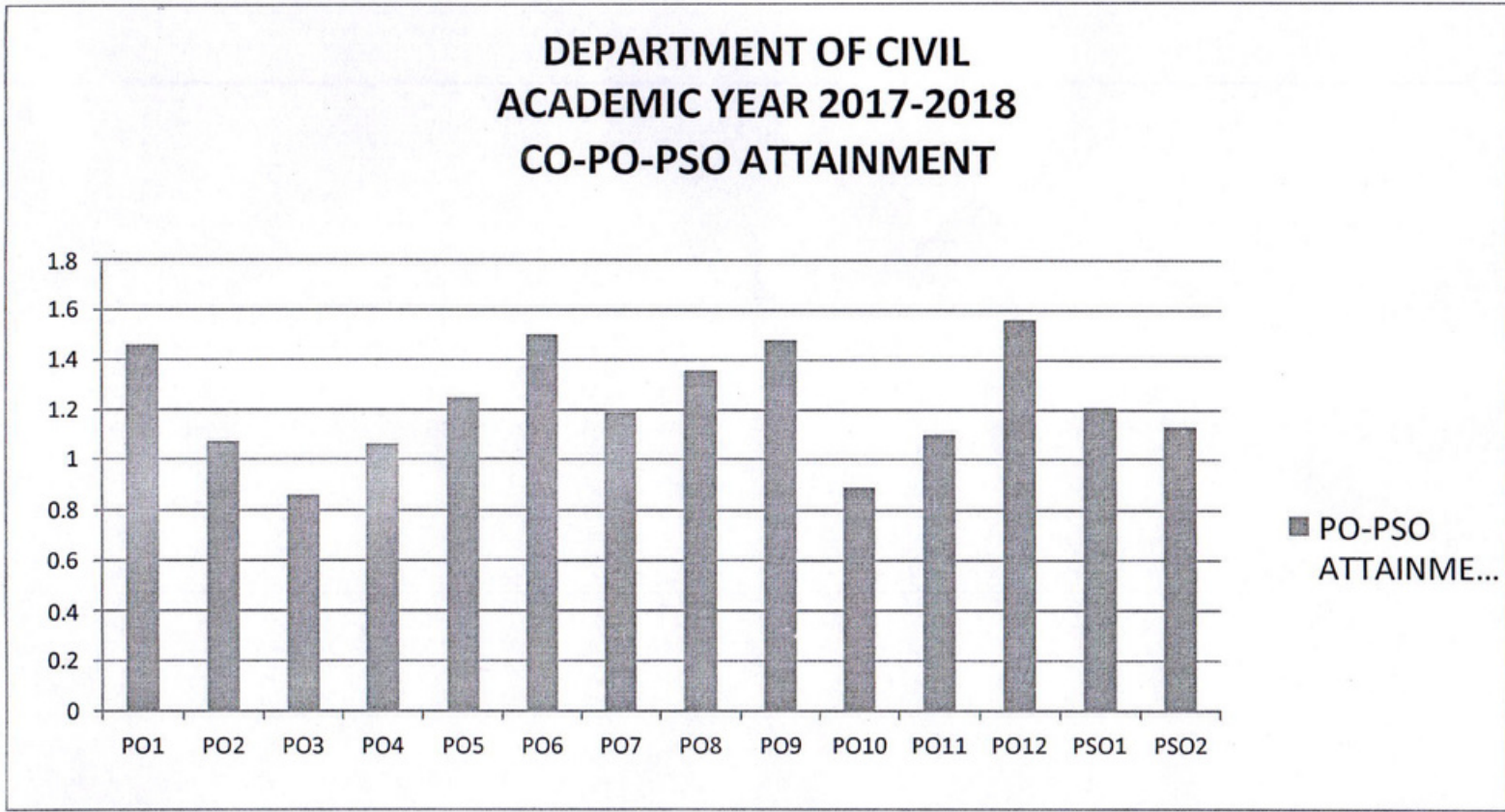


**DEPARTMENT OF CIVIL  
ACADEMIC YEAR 2017-2018  
CO-PO-PSO TARGET VALUE**



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**DEPARTMENT OF CIVIL  
ACADEMIC YEAR 2017-2018  
CO-PO-PSO ATTAINMENT**



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**ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

Department Assessment and Evaluation Committee (DAEC) and Department Assessment and Evaluation Committee (DAEC) had analyzed the CO-PO-PSO attainment of the each department. The Course outcomes of each subject were collected and Program Outcome Attainment and Program Specific Outcome attainment was evaluated for each Course Outcome.

The action taken summary was followed as,

- 1) The Course attainment percentage of the following Program Outcome and Program Specific Outcomes (PO9, PO10, PO11, PO12, PSO2) were obtained the percentage of 70 and above. So the Target is attained.

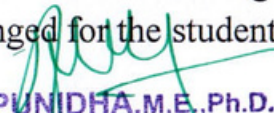
**Action taken:**

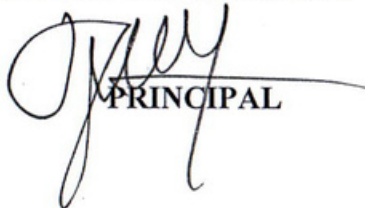
- More sessions of soft-skill training are given to the students.
- Tutorial and seminars were arranged.

- 2) The Course attainment percentage of the following Program Outcomes & Program Specific Outcomes (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PSO1) were obtained the percentage of below 70. So The target value is not achieved

**Action taken:**

- Students feel very difficulty in mathematical oriented subjects. so several tutorial classes were Arranged for the students.
- Assignment given to slow learners and Counseling was arranged for the slow learners.
- Special extra lectures were arranged for the students and the evaluation were monitored

  
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**CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

PO/PSO	Statement	Target	Attained value	Attainment %
PO1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.	2.95	1.81	61.4 %
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	2.32	1.38	59.5 %
PO3	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations	2	1.19	59.5 %
PO4	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions	1.86	1.1	59.1 %
PO5	<b>Modern tool usage:</b> 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.	1.56	0.89	57.1 %
PO6	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	1.33	0.89	66.9 %

  
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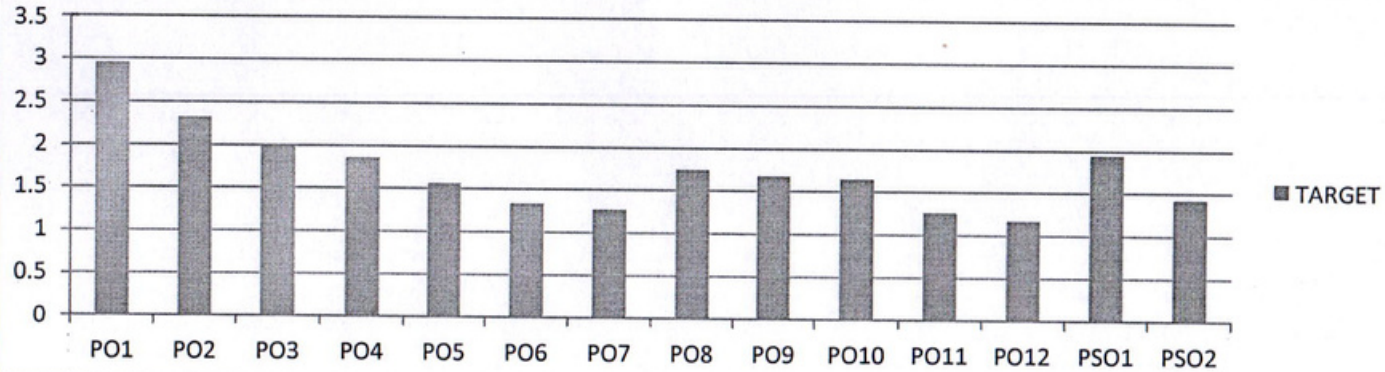


PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	1.27	0.77	60.6 %
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	1.75	1.21	69.1 %
PO9	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	1.68	1.23	73.2 %
PO10	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	1.65	1.14	69.1 %
PO11	<b>Project management and finance:</b> 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 manage projects and in multidisciplinary environments	1.26	0.91	72.2 %
PO12	<b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	1.17	0.74	63.2 %
PSO1	Apply the principles of advanced communication systems, IoT based embedded systems, Advanced Signal & Image Processing, modern Semiconductor Technologies to develop digital forums.	1.95	1.21	62.1 %
PSO2	Develop their individual identities to adapt, understand and resolve the problems associated with wireless communication network as an individual or in a team with responsible view towards the society and environment.	1.42	0.91	64.1 %

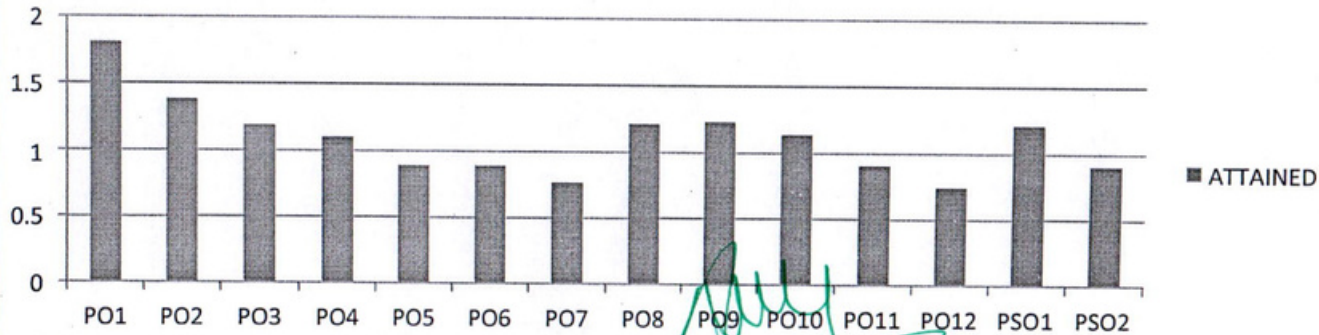
  
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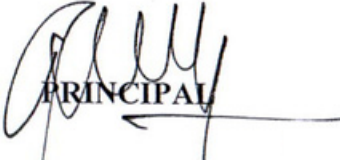
**Department of ECE  
AY 2017 - 2018  
PO-PSO TARGET**



**Department of ECE  
AY 2017 - 2018  
PO-PSO ATTAINED**



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**ACTION TAKEN REPORT FOR CO-PO-PSO ATTAINMENT**  
**ACADEMIC YEAR 2017-2018**

Department Assessment and Evaluation Committee (DAEC) and Department Assessment and Evaluation Committee (DAEC) had analyzed the CO-PO-PSO attainment of the each department. The Course outcomes of each subject were collected and Program Outcome Attainment and Program Specific Outcome attainment was evaluated for each Course Outcome.

The action taken summary was followed as,

- 1) The Course attainment percentage of the following Program Outcomes (PO9,PO11) were obtained the percentage of 70 and above. So the target value is more or less achieved.

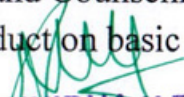
**Action taken:**


- More sessions of hands-on training are given to the students.
- Tutorial and seminars were arranged.

- 2) The Course attainment percentage of the following Program Outcome (PO1,PO1,PO3,PO4,PO5,PO6,PO7,PO8,PO9,P10,PO12,PSO1,PSO2) were obtained the percentage of below 70. So the target value is not achieved.

**Action taken:**

- Identification of slow learners and remedial classes to be conducted to make the students
- Assignment given to slow learners and Counseling was arranged for the slow learners.
- Special classes are proposed to conduct on basic science subjects using ICT.

  
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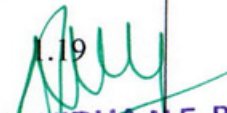
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**CO-PO-PSO ATTAINMENT**

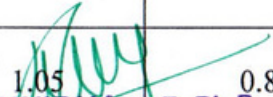
**ACADEMIC YEAR 2017-2018**

<b>PO/PSO</b>	<b>Statement</b>	<b>Target</b>	<b>Attained value</b>	<b>Attainment %</b>
PO1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.	2.78	1.96	70.5 %
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	2.07	1.48	71.5 %
PO3	<b>Design/development of solutions:</b> Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations	1.49	1.09	73.2 %
PO4	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions	1.23	0.84	68.3 %
PO5	<b>Modern tool usage:</b> 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.	1.19	0.9	75.6 %

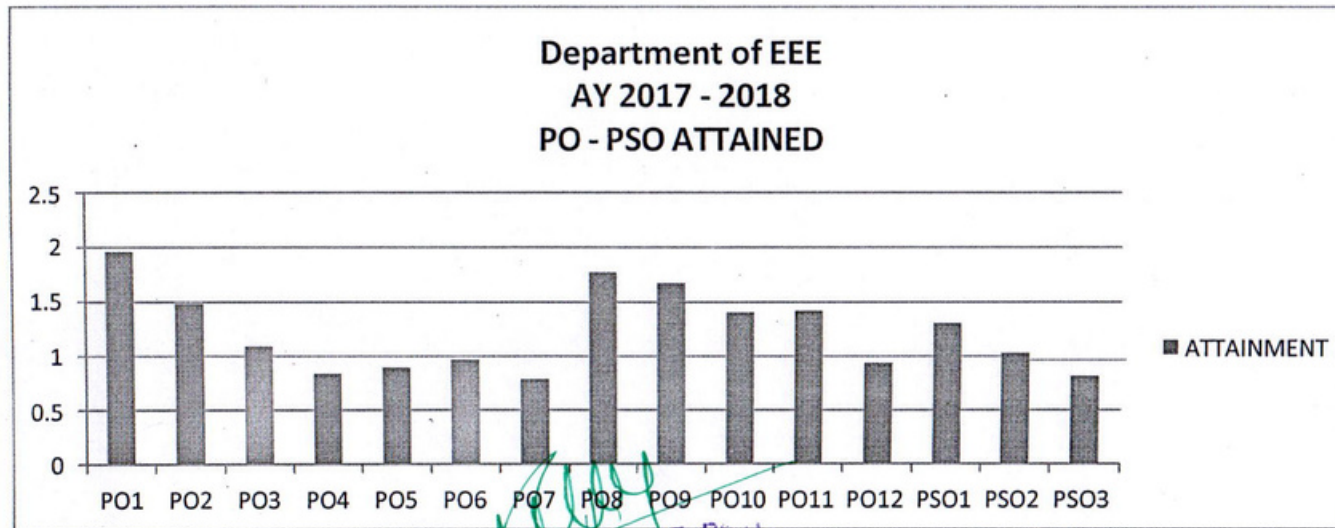
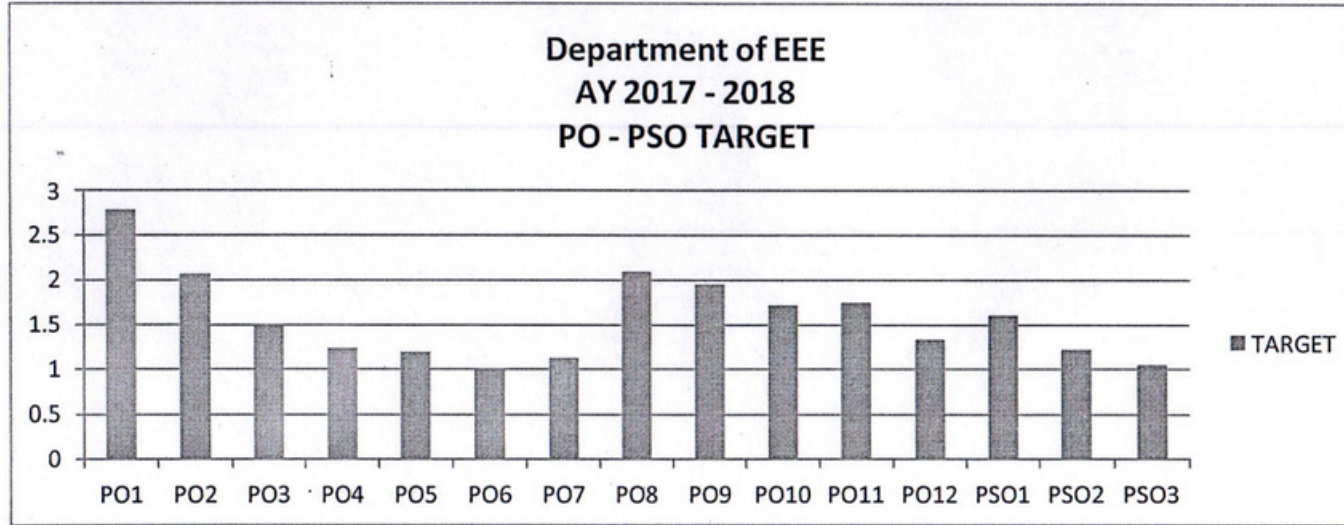
  
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PO6	<b>The engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	1	0.97	97 %
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	1.13	0.79	69.9 %
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	2.09	1.77	84.7 %
PO9	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	1.95	1.67	85.6 %
PO10	<b>Communication:</b> Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	1.73	1.4	80.9 %
PO11	<b>Project management and finance:</b> 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 manage projects and in multidisciplinary environments	1.75	1.42	81.1 %
PO12	<b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	1.33	0.94	70.7 %
PSO1	Apply knowledge of mathematics, engineering sciences and multidisciplinary knowledge to the solution of electrical and electronics engineering problems.	1.6	1.3	81.3 %
PSO2	Ability to apply technological developments in field of Electrical & Electronics Engineering in Societal and environmental Context and Communicate effectively both individually and in multidisciplinary teams.	1.22	1.03	84.4 %
PSO3	Contribute for the development of smart power grid and integrating green energy on it to meet the increasing demand of the society.	1.05	0.82	78.1 %

  
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Department Assessment and Evaluation Committee (DAEC) and Department Assessment and Evaluation Committee (DAEC) had analyzed the CO-PO-PSO attainment of the each department. The Course outcomes of each subject were collected and Program Outcome Attainment and Program Specific Outcome attainment was evaluated for each Course Outcome.

The action taken summary was followed as,

- 3) The Course attainment percentage of the following Program Outcome and Program Specific Outcomes (PO1,PO2,PO3,PO5,PO6,PO8,PO9,PO10,PO11,PO12,PSO1,PSO12) were obtained the percentage of 70 and above. So the target value is achieved.

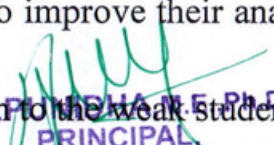
**Action taken:**

- More sessions of hands-on training are given to the students.
- Tutorial and seminars were arranged. Special classes are proposed to conduct on basic science Subjects using ICT.

- 4) The Course attainment percentage of the following Program Outcomes (PO4, PO7) were obtained the percentage of below 70. So the target value is not achieved.

**Action taken:**

- Identification of slow learners and remedial classes to be conducted to make the students.
- Students can be motivated to improve their analysis and practical skills by Guest Lecture from Industry expert.
- More assignments were given to the weak students.

  
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**DEVIYAKURICHI - 636 112,**  
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**PRINCIPAL**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICHI**

Department of Electronics and communication Engineering

**Internal Assessment -Attainment of Course Outcomes (Through Direct Assessment)**

		ACADEMIC YEAR - 2017 - 18														BATCH						2014 - 2018														
COURSE CODE/TITLE		GE 6757 (C412) / TOTAL QUALITY MANAGEMENT														COURSE OUTCOME						1	2	3	4	5	6									
CLASS/SECTION		IV / A&B														TARGET(%)						65	65	65	65	65	65									
COURSE COORDINATOR		Mr.K.B.SETHUPATHY, AP/ECE														TOTAL STRENGTH						82														
ATTAINMENT LEVEL		Level	Range																																	
		1	UP TO 60% of the students scored more than target																																	
		2	61% -79% of the students scored more than target																																	
		3	80% & ABOVE of the students scored more than target																																	
S.NO	REG NO	NAME OF THE STUDENT	IAT 1 - MARKS ALLOTTED						IAT 2 - MARKS ALLOTTED						IAT 3 - MARKS ALLOTTED						Assignment / Mini Project / Tutorial / Seminar						TOTAL COURSE OUTCOME									
			C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6	C1	C2	C3	C4	C5	C6				
			60	40							60	40						40	30	30		10			10	10	60	50	60	80	40	40				
1	620314106001	AARTHI P	49	32							45	30										34	26	26		8			9	8	49	40	45	64	35	34
2	620314106002	ABIRAMY R	59	39							58	38										39	29	29		8			8	7	59	47	58	77	37	36
3	620314106003	ANBUMANI V	55	37							58	39										40	30	30		9			8	8	55	46	58	79	38	38
4	620314106004	ANUSIYA S	56	37							53	35										37	28	28		7			8	8	56	44	53	72	36	36
5	620314106005	ARCHANA E	55	37							54	36										37	28	28		8			7	9	55	45	54	73	35	37
6	620314106006	ARUNA S	59	39							53	36										37	28	28		8			8	9	59	47	53	73	36	37
7	620314106007	BHUVANESWARI P	53	36							53	36										37	28	28		8			7	9	53	44	53	73	35	37
8	620314106008	DEEPA S	47	31							50	34										36	27	27		9			8	9	47	40	50	70	35	36
9	620314106009	DEEPIKA S	58	38							58	39										40	30	30		9			8	9	58	47	58	79	38	39
10	620314106010	DEEPIKARANI S	57	38							56	38										40	30	30		8			9	8	57	46	56	78	39	38
11	620314106011	DEEPTHI S	57	38							53	35										37	28	28		8			8	8	57	46	53	72	36	36
12	620314106012	DEVI K	50	33							45	30										35	26	26		8			7	8	50	41	45	65	33	34
13	620314106013	DHANUSHUYA E	55	37							51	34										38	29	29		9			8	8	55	46	51	72	37	37
14	620314106014	DIVYA G	49	32							48	32										37	28	28		9			7	8	49	41	48	69	35	36
15	620314106015	ELAKKIYA D	48	32							51	34										38	29	29		8			8	9	48	40	51	72	37	38
16	620314106016	ELAMATHI S	49	33							48	32										36	27	27		8			9	9	49	41	48	68	36	36
17	620314106017	JANANI K	50	34							50	33										36	27	27		8			9	8	50	42	50	69	36	35
18	620314106018	JAYALAKSHMI C	55	36							51	34										37	28	28		8			8	7	55	44	51	71	36	35
19	620314106019	JAYANTHI T	51	34							47	32										36	27	27		8			8	8	51	42	47	68	35	35
20	620314106020	JAYASHREE S	51	34							50	33										37	28	28		7			8	8	51	41	50	70	36	36
21	620314106021	JENNY J	56	38							52	34										38	29	29		8			7	9	56	46	52	72	36	38
22	620314106022	KALAISELVI R	55	36							49	33										37	28	28		9			8	9	55	45	49	70	36	37
23	620314106023	KANIMOZHI M	53	36							51	34										38	29	29		7			7	9	53	43	51	71	36	38
24	620314106024	KAVITHA A	52	35							48	32										36	27	27		8			8	9	52	42	48	68	36	36

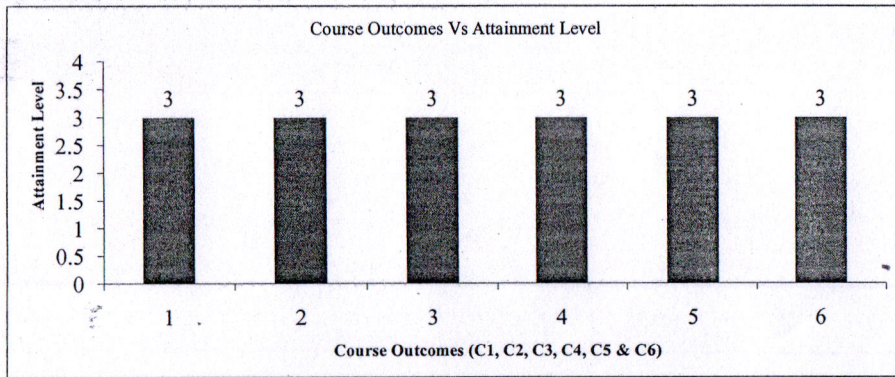
**Dr. R. PUNIDHA, M.E., Ph.D.,**  
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62	620314106066	SOUNDHARIYA D	55	37						58	39					38	28	28		8			8	9	55	45	58	77	36	37
63	620314106067	SOUNDHARYA B	54	36						56	37					37	28	28		9			9	9	54	45	56	74	37	37
64	620314106068	SUGASINI P	51	34						55	36					36	27	27		9			9	8	51	43	55	72	36	35
65	620314106069	SULAKSHANA M	59	39						55	37					36	27	27		8			8	7	59	47	55	73	35	34
66	620314106070	SURIYAKALA R	58	38						54	36					38	29	29		8			8	8	58	46	54	74	37	37
67	620314106071	SURUTHI P	48	32						58	38					36	27	27		8			8	8	48	40	58	74	35	35
68	620314106072	SUVATHI S	52	34						53	35					36	27	27		8			7	9	52	42	53	71	34	36
69	620314106073	TAMIZHMOZHI S	51	34						53	35					34	26	26		8			8	9	51	42	53	69	34	35
70	620314106074	THENMOZHI M	55	37						53	35					38	28	28		7			7	9	55	44	53	73	35	37
71	620314106075	THENMOZHI S	58	38						50	34					38	29	29		8			8	9	58	46	50	72	37	38
72	620314106076	THULASIMANI K	54	36						56	38					36	27	27		9			8	9	54	45	56	74	35	36
73	620314106077	UMAMAHESH S	53	35						58	38					36	27	27		7			9	8	53	42	58	74	36	35
74	620314106078	USHAPRIYA N	51	34						55	37					35	26	26		8			8	8	51	42	55	72	34	34
75	620314106079	VASUKI K	51	34						52	34					36	27	27		9			7	8	51	43	52	70	34	35
76	620314106080	VENNILA S	51	34						50	34					34	26	26		8			8	8	51	42	50	68	34	34
77	620314106081	VINITHA A	52	34						55	37					35	26	26		9			7	8	52	43	55	72	33	34
78	620314106082	VINOTHINI R	51	34						50	34					34	26	26		8			8	9	51	42	50	68	34	35
79	620314106301	BHAKYALAKSHMI M	51	34						51	34					35	26	26		8			9	9	51	42	51	69	35	35
80	620314106302	MOUNIGA N	51	34						52	34					34	26	26		9			9	9	51	43	52	68	35	35
81	620314106701	JENOVA J	58	38						55	37					34	26	26		8			9	8	58	46	55	71	35	34
82	620314106901	NITHYA M	51	34						52	34					34	25	25		8			8	9	51	42	52	68	33	34



CO's Target Value		39.0	32.5	39.0	52.0	26.0	26.0
No. of Students scored above CO's Target Value		82	82	82	82	82	82
Percentage of Students scored above Target		100.0	100.0	100.0	100.0	100.0	100.0
CO Attainment		3	3	3	3	3	3
CO attainment Values to plot the Graph		3	3	3	3	3	3

*K.B. Sathya*  
Faculty Incharge

*[Signature]*  
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**DEVIYAKURICH! - 636 112,**  
**THALAIVASAL (TK), SALEM (DT).**

*[Signature]*  
HOD/ECE



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICHI  
DEPARTMENT OF ECE**

**COURSE OUTCOME ATTAINMENT - UNIVERSITY EXAMINATION**

**ACADEMIC YEAR : 2017 - 2018 (EVEN SEM)**

**CLASS /SEC: IV ECE / A & B**

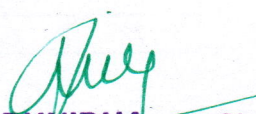
**Batch:2014-2018**

**SUBJECT : GE 6757 (C412) / TOTAL QUALITY MANAGEMENT**

**CO Attainment Level: 1 - (UP TO 60%)    2- (61% - 79%)    3-(80% and Above)**

**TOTAL STRENGTH :    82**

S.NO	Register No	NAME	Univ. Grade
1	620314106001	AARTHI P	E
2	620314106002	ABIRAMY R	B
3	620314106003	ANBUMANI V	C
4	620314106004	ANUSIYA S	C
5	620314106005	ARCHANA E	C
6	620314106006	ARUNA S	D
7	620314106007	BHUVANESWARI P	C
8	620314106008	DEEPA S	E
9	620314106009	DEEPIKA S	C
10	620314106010	DEEPIKARANI S	A
11	620314106011	DEEPTHI S	A
12	620314106012	DEVI K	C
13	620314106013	DHANUSHUYA E	C
14	620314106014	DIVYA G	E
15	620314106015	ELAKKIYA D	C
16	620314106016	ELAMATHI S	E
17	620314106017	JANANI K	C
18	620314106018	JAYALAKSHMI C	D
19	620314106019	JAYANTHI T	E
20	620314106020	JAYASHREE S	D
21	620314106021	JENNY J	D
22	620314106022	KALAISELVI R	D
23	620314106023	KANIMOZHI M	E
24	620314106024	KAVITHA A	E
25	620314106025	KAVITHA P	D
26	620314106028	KOUSALYA A	C
27	620314106029	MAHESHWARI S	D
28	620314106030	MALATHI P	C
29	620314106032	MENAKA P	B
30	620314106033	MONISHA V	C
31	620314106034	NANDHINI M	D
32	620314106035	NANDHINI R	C
33	620314106036	NANDHINI S	C

  
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**DEVIYAKURICHI, THALAIVASAL (TK), SALEM (DT).**



34	620314106037	NIVEDHA S	B
35	620314106038	NIVETHA B	C
36	620314106039	OVIYA R	D
37	620314106040	PADMAPRIYA P	C
38	620314106041	PADMAPRIYA S	B
39	620314106042	PAVADHARANI P	C
40	620314106043	POOMPAVAI K	UA
41	620314106045	PRIYADHARSHINI M	C
42	620314106046	PRIYADHARSHINI R	E
43	620314106047	RAHMATHBI A	B
44	620314106048	RAJESHWARI A	B
45	620314106049	RAMYA R	A
46	620314106050	REENA V	C
47	620314106051	RENUGA R	D
48	620314106052	RUBA M	E
49	620314106053	RUPAVATHI R	B
50	620314106054	SABEENA A	E
51	620314106055	SANGEETHA R	B
52	620314106056	SANGEETHA S	D
53	620314106057	SANGEETHA V	C
54	620314106058	SARANYA R	B
55	620314106059	SARITHA V	C
56	620314106060	SATHYA P (1997-03-07)	A
57	620314106061	SATHYA P (1997-06-11)	A
58	620314106062	SIMREEN S	B
59	620314106063	SINGH VIDHYALAKSHMI CHARAN	B
60	620314106064	SNEGA P	E
61	620314106065	SONIYAGANDHI M	C
62	620314106066	SOUNDHARIYA D	E
63	620314106067	SOUNDHARYA B	C
64	620314106068	SUGASINI P	C
65	620314106069	SULAKSHANA M	C
66	620314106070	SURIYAKALA R	C
67	620314106071	SURUTHI P	U
68	620314106072	SUVATHI S	B
69	620314106073	TAMIZHMOZHI S	C
70	620314106074	THENMOZHI M	D
71	620314106075	THENMOZHI S	C
72	620314106076	THULASIMANI K	C
73	620314106077	UMAMAHESH S	B
74	620314106078	USHAPRIYA N	C
75	620314106079	VASUKI K	D
76	620314106080	VENNILA S	C
77	620314106081	VINITHA A	B
78	620314106082	VINOTHINI R	C



79	620314106301	BHAKYALAKSHMI M	UA
80	620314106302	MOUNIGA N	C
81	620314106701	JENOVA J	E
82	620314106901	NITHYA M	B
No. of S Grade			0
No. of A Grade			5
No. of B Grade			15
No. of C Grade			33
No. of D Grade			13
No. of E Grade			13
No. of U Grade			1
No. of UA Grade			2
Target for course outcome Attainment			60
No of students above the target			66
CO-Attainment University (%)			80.49

*A. B. Sethupathy*  
Faculty

*S. Senthil*  
HOD/ECB

*[Signature]*  
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DEVYAKURICH! - 636 112,  
THALAIVASAL (TK), SALEM (T).



Overall Attainment Sheet – COs - POs & PSOs attainment calculation

CO	CO-Attainment Internal (CO- INT)	CO- Attainment University	Direct CO Attainment (0.20xCO- INT +	CO Attainm ent Level
	(Avg.)	(Avg.)	INT +	
C412.1	100.0	80.49	84.4	3
C412.2	100.0	80.49	84.4	3
C412.3	100.0	80.49	84.4	3
C412.4	100.0	80.49	84.4	3
C412.5	100.0	80.49	84.4	3
C412.6	100.0	80.49	84.4	3

Expected CO-PO Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C412.1	3	-	2	-	-	2	2	2	-	2	-	2	-	-
C412.2	3	-	-	-	-	2	2	2	2	2	-	2	1	-
C412.3	3	-	-	-	-	2	2	2	-	2	-	2	-	-
C412.4	3	-	-	2	-	-	-	2	2	-	2	2	1	1
C412.5	3	-	-	-	-	2	-	2	-	-	2	2	-	-
C412.6	3	-	-	-	-	-	2	2	2	-	-	2	1	1
<b>C412</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>

PO Attainment Level

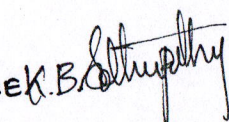
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C412.1	3	-	2	-	-	2	2	2	-	2	-	2	-	-
C412.2	3	-	-	-	-	2	2	2	2	2	-	2	1	-
C412.3	3	-	-	-	-	2	2	2	-	2	-	2	-	-
C412.4	3	-	-	2	-	-	-	2	2	-	2	2	1	1
C412.5	3	-	-	-	-	2	-	2	-	-	2	2	-	-
C412.6	3	-	-	-	-	-	2	2	2	-	-	2	1	1
<b>C412</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>

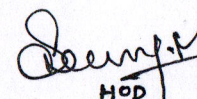
Attainment of POs and PSOs:

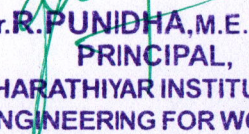
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
<b>C412</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>
<b>Attainm ent</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>

Comments by Program Coordinator : NIL .

Remarks by HoD NIL

FACULTY SIGNATURE 

  
HOD

  
Dr. R. PUNDHA, M.E., Ph.D.,  
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DEVIYAKURICH, **Page 26 of 26**  
THALAIVASAL (TK), SALEM (DT).