



**CANARA ENGINEERING COLLEGE**

BENJANAPADAVU – 574219, Bantwal Taluk, D K District, Karnataka

[www.canaraengineering.in](http://www.canaraengineering.in)

# Feedback on Learning Outcomes - Department of ISE

Sample Feedback Forms - Pg. No.2

Feedback Analysis - Pg.No. 10



# Data to Information & Information to Insight

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Advanced Attendance option is available for VI Semester Students till 23rd July 2022. Student e

## Criteria-7 CO PO Report

Admission Year:  ▼

Select Branch:  ▼

Print Report

## CO PO Report-2016-2017 Information Science & Engineering

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	15MAT11	1.99	CO1 CO2 CO3 CO4 CO5 1.99	CO1 CO2 CO3 CO4 CO5 1.72												
2	15CHE12	0.93	CO1 CO2 CO3 CO4 CO5 0.62	CO1 CO3 CO4 CO5 0.62												
3	15PCD13	2.8	CO1 CO2 CO3 CO4 CO5 2.24	CO1 CO3 CO4 CO5 2.1	CO1 CO2 CO3 CO4 CO5 2.61											
4	15CED14	6.84	CO1 CO2 CO3 CO4 CO5 6.84	CO1 CO2 CO3 CO4 CO5 4.56	CO1 CO2 CO3 CO4 CO5 6.84								CO1 CO2 CO3 CO4 CO5 2.28			

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
5	15ELN15	4.77	CO1 CO2 CO3 CO4 CO5 4.13	CO1 CO2 CO3 CO4 3.18												
6	15CPL16	10	CO1 CO2 10	CO1 CO2 CO3 CO5 5.83	CO5 6.67	CO3 CO4 8.33	CO4 3.33									
7	15CHEL17	10	CO1 CO2 CO3 CO4 CO5 6.67	CO1 CO2 CO3 CO4 CO5 6.67								CO3 CO4 CO5 6.67				
8	15CIV18	2.39						CO1 CO2 CO3 CO4 CO5 1.59	CO1 CO2 CO3 CO4 CO5 1.59	CO1 CO2 CO3 CO4 CO5 1.59				CO1 CO2 CO3 CO4 CO5 1.59		
9	15MAT21	2.8	CO1 CO2 CO3 CO4 CO5 2.8	CO1 CO2 CO3 CO4 CO5 2.43												
10	15PHY22	3.06	CO1 CO2 CO3 CO4 CO5 3.06	CO1 CO2 CO3 CO4 CO5 2.04												
11	15CIV23	3.19	CO1 CO2 CO3 CO4 CO5 2.76	CO1 CO2 CO3 CO4 CO5 2.76												
12	15EME24	6.06	CO1 CO2 CO3 CO4 CO5 6.06	CO1 CO2 CO3 CO4 CO5 4.44								CO1 CO2 CO3 CO4 CO5 4.85				
13	15ELE25	7.51	CO1 CO2 CO3 CO4 CO5 7.01	CO1 CO2 CO3 CO4 CO5 5.51												

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
14	15PHYL27	9.26	C01 C02 C03 C04 C05 9.26	C01 C02 C03 C04 C05 6.17								C01 C02 C03 C04 C05 6.17				
15	15CPH28	2.64						C01 C02 C03 C04 C05 2.64		C01 C02 C03 C04 C05 2.64				C01 C02 C03 C04 C05 2.64		
16	15MAT31		C01 C02 C03 C04 C05 2.46	C03 C04 C05 2.35											C02 C03 C04 1.76	
17	15MAT31	0.71	C01 C02 C03 C04 C05 0.66	C03 C04 C05 0.63											C02 C03 C04 0.47	
18	15CS32	9.31	C01 C02 C03 C04 C05 6.21	C01 C02 C03 C04 C05 9.31	C01 C02 C03 C04 C05 9.31		C01 C02 C03 C04 C05 6.21								C01 C02 C03 C04 C05 6.21	C01 C02 C03 C04 C05 3.1
19	15CS33	8.46	C01 C02 C03 C04 C05 8.46	C01 C02 C03 C04 C05 5.64	C01 C02 C03 C04 C05 8.46		C01 C02 C03 C04 C05 5.08								C01 C02 C03 C04 C05 8.46	C01 C02 C03 C04 C05 8.46
20	15CS34	5.37	C01 C02 C03 C04 C05 3.22	C01 C02 C03 C04 C05 2.86	C01 C02 C03 C04 C05 2.51										C01 C02 C03 C04 C05 3.58	C01 C02 C03 C04 C05 3.58
21	15CS834	10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C04 6.67									C01 C02 C03 C04 C05 6.67	C01 C02 C03 C04 C05 6.67
22	15CS35	5.2	C01 C02 C03 C04 C05 3.47	C01 C02 C03 C04 C05 4.16	C01 C02 C03 C04 C05 3.47		C01 C02 C03 C04 C05 4.16								C01 C02 C03 C04 C05 5.2	

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
23	15CS36	9.14	CO1 CO2 CO3 CO4 CO5 6.09	CO1 CO2 CO3 CO4 CO5 6.09	CO1 CO2 CO3 CO4 CO5 9.14										CO1 CO2 CO3 CO4 CO5 6.09	CO1 CO2 CO3 CO4 CO5 6.09
24	15CSL37	9.43	CO1 CO2 CO3 CO4 CO5 8.8	CO1 CO2 CO3 CO4 CO5 6.92	CO1 CO2 CO3 CO4 CO5 6.29		CO1 CO2 CO5 8.38				CO1 CO5 3.14	CO1 CO2 CO3 CO4 CO5 8.17			CO1 CO2 CO3 CO4 CO5 5.66	CO1 CO2 CO3 CO4 CO5 5.66
25	15CSL38	8.8	CO1 CO2 CO3 CO4 CO5 8.21	CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87						CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87			CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87
26	15MAT41	8.89	CO1 CO2 CO3 CO4 CO5 8.89	CO1 CO2 CO3 CO4 CO5 7.11											CO1 CO2 CO3 CO4 CO5 5.93	
27	15CS42	5.37	CO1 CO2 CO3 CO4 CO5 3.58	CO1 CO2 CO3 CO4 CO5 3.58	CO1 CO2 CO3 CO4 CO5 3.58										CO1 CO2 CO3 CO4 CO5 3.58	CO1 CO2 CO3 CO4 CO5 3.58
28	15CS742	8.89	CO1 CO2 CO3 CO4 CO5 5.93	CO1 CO2 CO3 CO4 CO5 4.15	CO1 CO2 CO3 CO4 CO5 2.96		CO3 CO4 2.96								CO1 CO2 CO3 CO4 CO5 5.93	CO3 CO4 5.93
29	15CS43	9.23	CO1 CO2 CO3 CO4 CO5 9.23	CO1 CO2 CO3 CO4 CO5 9.23	CO1 CO2 CO3 CO4 CO5 6.77	CO1 3.08	CO1 3.08				CO1 9.23		CO1 CO2 CO3 CO4 CO5 6.77	CO1 6.15	CO1 CO2 CO3 CO4 CO5 9.23	
30	15CS44	9.01	CO1 CO2 CO3 CO4 CO5 6.01	CO1 CO2 CO3 CO4 CO5 6.01	CO1 CO2 CO3 CO4 CO5 7.21		CO1 CO2 CO3 CO4 CO5 7.21								CO1 CO2 CO3 CO4 CO5 6.01	CO1 CO2 CO3 CO4 CO5 3
31	15CS45	8.8	CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87										CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
32	15CS46	8.8	CO1 CO2 CO3 CO4 CO5 4.69	CO1 CO2 CO3 CO4 CO5 4.11	CO1 CO2 CO3 CO4 CO5 4.69										CO1 CO2 CO3 CO4 CO5 5.87	CO1 CO2 CO3 CO4 CO5 5.87
33	15CSL47	9.26	CO1 CO2 CO4 CO5 8.49	CO3 CO4 CO5 6.17	CO1 CO2 CO4 CO5 7.72	CO3 CO5 9.26						CO2 CO4 CO5 9.26			CO2 CO4 CO5 6.17	CO1 CO2 CO3 CO4 CO5 9.26
34	15CSL48	9.43	CO1 CO2 CO3 CO4 CO5 6.29	CO1 CO2 CO3 CO4 CO5 9.43	CO1 CO2 CO3 CO4 CO5 6.29		CO1 CO2 CO3 CO4 CO5 9.43					CO1 CO2 CO3 CO4 CO5 6.29	CO1 CO2 CO3 CO4 CO5 6.29		CO1 CO2 CO3 CO4 CO5 3.14	CO1 CO2 CO3 CO4 CO5 3.14
35	15CS51	3.14	CO1 CO2 2.09							CO1 CO2 CO3 CO4 CO5 3.14	CO1 CO2 CO3 CO4 CO5 2.09	CO1 CO2 CO3 CO4 CO5 2.93				CO1 CO2 CO3 CO4 CO5 2.93
36	15CS651	8.41	CO1 CO2 CO3 CO4 CO5 8.41	CO1 CO2 CO3 CO4 CO5 5.61	CO1 CO2 CO3 CO4 CO5 5.61										CO1 CO2 CO3 CO4 CO5 5.61	CO1 CO2 CO3 CO4 CO5 5.61
37	15CS52	8.37	CO1 CO2 CO3 CO4 CO5 6.14	CO1 CO2 CO3 CO5 8.37	CO1 CO2 CO3 CO4 CO5 6.7		CO3 CO4 CO5 5.58								CO1 CO2 CO3 CO4 CO5 7.25	CO1 CO2 CO3 CO4 CO5 3.91
38	15CS553	6.61	CO1 CO2 CO3 CO4 CO5 4.41	CO2 CO3 CO4 CO5 4.41	CO1 CO2 CO3 CO4 CO5 4.41		CO1 CO2 CO3 CO5 4.96								CO1 CO3 5.51	CO2 CO3 CO4 CO5 4.96
39	15CS53	3.14	CO1 CO2 CO3 CO4 CO5 3.14	CO1 CO2 CO3 CO4 CO5 3.14	CO1 CO2 CO3 CO4 CO5 3.14		CO2 CO3 CO4 CO5 2.62								CO1 CO2 CO3 CO4 CO5 2.72	CO1 CO2 CO3 CO4 CO5 3.14
40	15CS754	8.33	CO1 CO2 CO3 CO4 CO5 4.44	CO1 CO2 CO3 CO4 CO5 3.89	CO1 CO2 CO3 CO4 CO5 4.44										CO1 CO2 CO3 CO4 CO5 5.55	CO1 CO2 CO3 CO4 CO5 5.55

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
41	15CS54	9.23	C01 C02 C03 C04 C05 6.15	C01 C02 C03 C04 C05 6.15	C01 C02 C03 C04 C05 6.15										C01 C02 C03 C04 C05 6.15	C01 C02 C03 C04 C05 8.61
42	15CSL57	10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 6.67	C01 C02 C03 C04 C05 6.67						C05 6.67	C05 6.67			C01 C02 C03 C04 C05 6.67	C01 C02 C03 C04 C05 6.67
43	15CSL58	9.54	C01 C02 C03 C04 C05 9.54	C01 C02 C03 C04 C05 9.54	C01 C02 C03 C04 C05 9.54		C01 C02 C03 C05 9.54				C01 C02 C03 C05 9.54	C03 C05 9.54			C01 C02 C03 C04 C05 9.54	C01 C02 C03 C04 C05 9.54
44	15CS61	8.41	C01 C02 C03 C04 C05 8.41	C01 C02 C03 C04 C05 5.61	C01 C02 C03 C04 C05 7.29										C01 C02 C03 C04 C05 5.61	C01 C02 C03 C04 C05 2.8
45	15IS62	8.8	C01 C02 C03 C04 C05 7.63	C01 C02 C03 C04 C05 4.69	C01 C02 C03 C04 C05 4.69		C02 C03 C04 C05 4.4								C01 C02 C03 C04 C05 4.69	C01 C02 C03 C04 C05 6.45
46	15IS63	8.4	C01 C02 C03 C04 C05 8.4	C01 C02 C03 C04 C05 8.4	C01 C02 C03 C04 C05 8.4										C01 C02 C03 C04 C05 8.4	C01 C02 C03 C04 C05 8.4
47	15CS64	7	C01 C02 C03 C04 C05 7	C01 C02 C03 C04 C05 7	C01 C02 C03 C04 C05 7										C01 C02 C03 C04 C05 4.67	C01 C02 C03 C04 C05 7
48	15CS564	8.89	C01 8.89	C01 C02 5.93	C02 C03 C04 C05 5.93		C03 C04 C05 5.93							C05 5.93	C01 C02 C03 C04 C05 8.89	
49	15CS664	2.97	C01 C02 C03 C04 C05 1.98	C01 C02 C03 C04 C05 1.98	C01 C02 C03 C04 C05 1.98		C01 C02 C03 C04 C05 2.97								C01 C02 C03 C04 C05 1.98	C01 C02 C03 C04 C05 1.98

Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
50	15ISL67	9.43	C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 9.43						C03 C05 4.72		C05 9.43		C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 9.43
51	15ISL68	9.43	C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 8.17	C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 8.17	C01 C02 C03 C04 C05 8.8	C05 3.14			C01 C02 C03 C04 C05 9.43	C03 C04 C05 6.29	C05 9.43	C05 3.14	C01 C02 C03 C04 C05 9.43	C01 C02 C03 C04 C05 9.43
52	15CS71	8.37	C01 C02 C03 C04 C05 8.37	C01 C02 C03 C04 C05 8.37	C01 C02 C03 C04 C05 8.37		C01 C02 C03 C04 C05 8.37				C01 C02 C03 C04 C05 8.37				C01 C02 C03 C04 C05 8.37	C01 C02 C03 C04 C05 8.37
53	15IS72	8.71	C01 C02 C03 C04 C05 8.71	C01 C02 C03 C04 C05 5.81	C01 C02 C03 C04 C05 5.81										C01 C02 C03 C04 C05 5.81	C01 C02 C03 C04 C05 5.81
54	15CS73	9.19	C01 C02 C03 C04 C05 9.19	C01 C02 C03 C04 C05 9.19	C01 C02 C03 C04 C05 9.19		C01 C03 C05 9.19				C01 C02 C03 C04 C05 9.19	C03 C05 9.19			C01 C02 C03 C04 C05 3.68	C01 C02 C03 C04 C05 3.68
55	15CSL76	9.26	C01 C02 C03 C04 C05 9.26	C01 C02 C03 C04 C05 9.26	C01 C02 C03 C04 C05 9.26		C01 C02 C03 C05 9.26				C01 C02 C03 C05 8.49	C03 C05 9.26			C01 C02 C03 C04 C05 9.26	C01 C02 C03 C04 C05 9.26
56	15CSL77	9.26	C01 C02 C03 C04 C05 6.17	C01 C02 C03 C04 C05 6.17	C01 C02 C03 C04 C05 6.79		C01 C02 C04 C05 6.95								C01 C02 C03 C04 C05 6.17	C01 C02 C03 C04 C05 6.17
57	15ISP78	10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	
58	15CS81	10	C01 C02 C03 C04 C05 10	C01 C02 8.33	C01 C02 C03 C04 C05 6		C01 C02 C04 C05 7.5	C01 C02 C03 C04 C05 6.67	C01 C02 C03 C05 7.78	C02 C03 C05 7.78	C01 C03 C04 C05 9.17	C01 3.33	C01 C04 C05 7.78	C01 C02 C03 C04 C05 10		



Sl. No.	Course Code	CO Attainment 10 Scale	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
59	15CS82	10	C01 C02 C03 C04 C05 8.67	C01 C02 C03 C04 C05 9.33	C01 C02 C03 C04 C05 10		C01 C02 C03 C04 C05 6.67								C01 C02 C03 C04 C05 9.33	C01 C02 C03 C04 C05 6.67
60	15IS84	10					C01 C02 C03 C04 C05 7.33	C01 C02 C03 C04 C05 6.67		C01 C02 C03 C04 C05 7.33	C01 C02 C03 C04 C05 8.67	C01 C02 C03 C04 C05 8	C01 C02 C03 C04 C05 7.33	C01 C02 C03 C04 C05 7.33	C01 C02 C03 C04 C05 6.67	C01 C02 C03 C04 C05 6.67
61	15ISP85	10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10
62	15ISS86	10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 10	C01 C02 C03 C04 C05 6.67		C02 6.67			C02 C03 C04 C05 7.5	C01 C02 C03 C04 C05 10	C01 10			C01 C02 C03 C04 C05 6.67	C01 C02 C03 C04 C05 6.67



# CANARA ENGINEERING COLLEGE

Benjanapadavu, Bantwal Taluk  
Mangalore – 574219



## Information Science and Engineering Department

### CO-PO FEEDBACK ANALYSIS AND ACTION TAKEN REPORT

ACADEMIC YEAR 2019-2020

POs	Target Level	Attainment Level	Observations	Action Taken
<b>PO 1: Engineering Knowledge</b>				
PO 1	6.0	6.86	The attainment level is improved after incorporating the suggestions given for the previous batch. The attainment level is satisfactory. The PO attainment level is 14.33 % more than the target level, even though the courses 15CS64, 15CS553, 15CS51, 15CS53, 15CS42, 15CS35, 15CS34 are less contributed towards the PO attainment.	Action 1: 15CS553 course coordinator suggested to be provide knowledge on JAVA concepts. Action 2: 15CS64 Course coordinator need to be engage the remedial classes to create more impact on engineering knowledge. Action 3: 15CS51 Course coordinator need to conducted classes on importance and barriers of communication in management. Action 4: 15CS42 Course coordinator is suggested to include topics which will address engineering knowledge in the gaps / Content beyond.

				<p>Action 6: 15CS35 Course Coordinator suggested to enhance the knowledge of the students through practical skills.</p> <p>Action 7: 15CS34 Course Coordinator can be suggested to provide more knowledge on functional unit CISC and RISC processor.</p>
<b>PO 2: Problem Analysis</b>				
PO 2	6.0	6.97	<p>The attainment level is improved after incorporating the suggestions given for the previous batch. The PO attainment level is 16.16% more than the target level, the level is satisfactory. Even though the courses 15CS64, 15CS553, 15CS53, 15CS42, 15CS35, 15CS34 are less contributed towards the PO attainment.</p>	<p>Action 1: Suggested to the course coordinator to solve more problems to enrich the knowledge of problem-solving technique by solving more problems.</p>
<b>PO 3: Design/Development of Solutions</b>				
PO 3	6.0	7.02	<p>The attainment level is improved after incorporating the suggestions given for the previous batch. The PO attainment level is 17 % more than the target level the attainment level is satisfactory. Even though the courses 15CS64, 15CS553, 15CS53, 15CS42, 15CS35, 15CS34 are less contributed towards the PO attainment.</p>	<p>Action 1: Can be suggested to all the course coordinator to enrich the knowledge of the students to design the solution of a problem through practical or real time case studies.</p> <p>Action 2: Make the students to participate in the technical competitions.</p>
<b>PO 4: Conduct investigation of complex problems</b>				

PO 4	6.32	8.15	The attainment level is improved after incorporating the suggestions given for the previous batch The attainment level is good.	Action 1: To get research-based knowledge, research methods, and literature review knowledge, project coordinator is suggested to include “Literature Review” topic in all project batches.
<b>PO 5: Modern tool usage</b>				
PO 5	6.0	6.39	The attainment level is improved after incorporating the suggestions given for the previous batch. The attainment level is satisfactory. The PO attainment level is 6.5% more than the target level. The Courses 15CS35, 15CS53 are less contributed towards the PO attainment.	Action 1: Suggested to the students by initiate the self-learning platform such as Spoken tutorial, NPTEL, Hacker Rank, Coursera.
<b>PO 6: The engineer and society</b>				
PO 6	6.63	8.24	Previous year suggestions are incorporated, so the attainment level is improved. The attainment level is good. The PO attainment level is 24.28% achieved the target level.	Action 1: Suggested to the students to participate in Health and Societal Related activity need to be included through NSS activity or by social outreach program.
<b>PO 7: Environment and Sustainability</b>				
PO 7	6.84	8.82	The last batch suggestions are incorporated so the attainment level is good. The PO attainment level is 28.94% achieved more than the target level.	Action 1: Suggested to the project coordinator the same process needs to be continued such as the selection of the project topics should include societal problems etc.
<b>PO 8: Ethics</b>				

PO 8	6.33	7.74	The attainment level is improved as compared to the last batch attainment because of the incorporation of last batch suggestion, the attainment level is good. The PO attainment level is 22.27% above the target level.	Action 1: Suggested to the alumni coordinator continued the same process such as ethical related talks need to be conduct either by alumni or experts.
<b>PO 9: Individual and Team work</b>				
PO 9	6.43	7.77	After incorporating the last batch suggestions attainment level is improved. The attainment level is satisfactory. The PO attainment level is 20.83% more than the target level.	Action 1: Informed to the Class advisor and Project coordinator continue the same process such as make the students to work in a team. Either in a project or in a organizing the events.
<b>PO 10: Communication</b>				
PO 10	6.18	7.7	Level is improved after comparing the last batch attainment value. The attainment level is good. Incorporating the last batch suggestion, the PO attainment level is 24.59% more than the target level.	Action 1: Suggested to the Training Coordinator to continue the same process such as the soft-skill training, where the students can build the communication skill.
<b>PO 11: Project management and finance</b>				
PO 11	6.98	8.8	After incorporation of last batch suggestion, we got the good attainment level. The PO attainment level is 26.07% more than the target level.	Action 1: Suggested to the project coordinator and Department Association committee to continue such as making the project and assigning the team works. Organizing the events in the department level.
<b>PO 12: Life Long Learning</b>				

PO 12	6.11	7.58	The attainment level is good because of incorporating the last batch suggestion and implementing in this batch. The PO attainment level is 24.05% more than the target level.	Action 1: In the department level measures will be taken to ensure more participation from the stakeholders. Action 2: Technical Talk or Lecturer hour need to be conduct for on recent technology skill to upgrade towards life-long learning by the professional and IIPC committee.
<b>PSO 1: Computer System Design</b>				
PSO 1	6.14	6.68	Compared to the last batch the attainment level is improved because of the incorporation of last batch suggestions in this batch. The attainment level is satisfactory. The PSO attainment level is 8.79% more than the target level.	Action 1: Suggested to the class advisors to make the students involve more in the program specific subjects, such participating in paper presentation, mini-projects, technical talks, the industry visit facility.
<b>PSO 2: Computer Communication and Internet Applications</b>				
PSO 2	6.00	6.04	Attainment level is improved gradually, because of the suggestion incorporated in the batch. The attainment level is satisfactory. The PSO attainment level is 0.66% More than the target level.	Action 1: Suggested to the departmental professional society and IIPC coordinator to conduct Technology advanced related talks, workshops, and Hands on sessions.

Signature of HOD

Signature of Principal