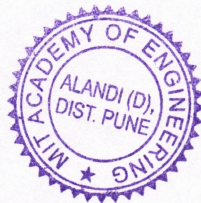


2.6.2: Attainment of programme outcomes and course outcomes are evaluated by the institution



Dr. Mahesh D. Goudar
Director,
MITAoE, Alandi, Pune.

DIRECTOR
MIT Academy of Engineering
Alandi (D.), Pune-412 105.



LIST OF STUDENTS

ACADEMIC YEAR	2017-18
CLASS	SY BTECH

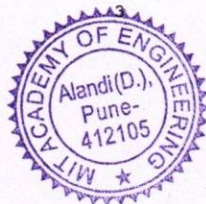
Sr. No.	Roll No.	Name of the Student
1	SETB301	KUNTEWAR ANSHUL S.
2	SETB302	VISHWAS MANOHAR BISEN
3	SETB303	HAWLADAR SHUBHAM S.
4	SETB305	AKSHAY S.INGLE
5	SETB307	MOMIN MUBASHSIR M. Y.
6	SETB309	BHATTAD KUSHAL ANIL
7	SETB310	SURENDRAN NATASHA S.
8	SETB312	PATIL SHUBHAM SHANKAR
9	SETB315	KUMAR ABHISHEK NEERAJ
10	SETB316	GUPTA VISHAL U.
11	SETB317	KUMARI PRIYANKA S.
12	SETB321	JADHAV PRAJAKTA P.
13	SETB322	KUMAR ASHISH T.
14	SETB323	MOZE SAGAR SANTOSH
15	SETB324	KUMAR NAMRATA SUNIL
16	SETB325	KUMAR AKSHIT ASHOK
17	SETB326	BHATNAGAR OJAL R.
18	SETB327	RANJAN SUDHANSHU A.
19	SETB328	MD MAHFOOZ ALAM
20	SETB329	KISHORE JAY KUSUM
21	SETB331	KUMAR DHEERAJ H.
22	SETB336	JUMDE AKANKSHA S.
23	SETB337	KUMARI PRIYANKA B.
24	SETB338	ASHUTOSH KUMAR
25	SETB340	KUMARI ARUNA S.
26	SETB101	CHAUDHARI SNEHAL K
27	SETB102	MANE ROHIT L
28	SETB103	KHANDELWAL NIKHIL V
29	SETB104	SAINKAR ABHISHEK A
30	SETB105	CHAUDHARI DIPAK A
31	SETB106	NIMBALKAR AKASH S
32	SETB107	SURYAWANSHI JAYESH
33	SETB108	MANDAL NITESH D



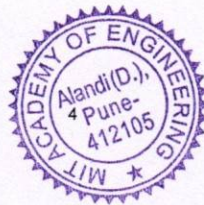
34	SETB109	SOPHIE MATHEWS
35	SETB110	TRIVEDI RUSHIT AJAY
36	SETB111	SINGH AKANKSHA K
37	SETB113	RODEKAR ANKIT M
38	SETB114	MALE SHIVSHANKAR
39	SETB115	MAUSAMI S
40	SETB116	AWARI SANDHYA D
41	SETB117	PATIL NIKHIL V
42	SETB118	RANE OMKAR J
43	SETB119	DESHPANDE CHAITANYA
44	SETB120	KUMBHARE HARINAKSHI
45	SETB123	WAGHMARE PRANAV P
46	SETB124	THIGLE AISHWARYA G
47	SETB125	SONTAKKE SAHIL S
48	SETB126	CHOURASIA MAYANK K
49	SETB127	NERKAR AMEY N
50	SETB128	BATULE BHUSHAN B
51	SETB129	MHASKE VAIBHAV R
52	SETB130	JAIN ABHISHEK S
53	SETB131	WANKHADE KAUSTUBH
54	SETB132	KAKADE SRISHTI R
55	SETB136	MEHATTAR YAMINI J
56	SETB137	RISHI RAJVARDHAN H
57	SETB138	MANDAGE ARJUN U
58	SETB139	ADITYA KUMAR MISHRA
59	SETB140	KUMAR SAURABH
60	SETB141	NIKITA LOMTE



MIT Academy of Engineering (An Autonomous Institute)		COURSE OUTCOME ASSESSMENT MAP								
Alandi (D), Pune - 412105		CLASS	SY BTECH			COURSE CODE	ET201			
UG - Electronics & Telecommunication Engg. (SEE)		COURSE	SYSTEM ENGINEERING			NO. OF COs	5			
ACADEMIC YEAR		2017-18		FACULTY		VINAYAK KULKARNI				
TERM		II								
Sr. NO.	CO No.	COURSE OUTCOME	ASSESSMENT TOOLS	THEORY			PRACTICAL / TUTORIAL	PRESENTATION / DEMO	ANY OTHER	TOTAL
				50	100	20		25		
				MSE / ICE	ESE / ECE	IA	PR / TU	PT / DEMO		195
1	CO1	Explain the rationale for using systems thinking for complex adaptive systems .	ICE,ECE,IA,PT	Q1 a),b),c)	Q2 a),b)	A1		Q1		
2	CO2	Analyze interaction with stakeholders in a participatory way for research study.	ICE,ECE,PT	Q2 a),b)	Q1 a),b)			Q2		
3	CO3	Design System Engineering frame work .	ICE,ECE,IA,PT	Q3 a),b)	Q3 a),b), Q4 a),b)			Q3		
4	CO4	Apply system engineering tools.	ECE,PT		Q5 a),b)	A2,A3,A4		Q4		
5	CO5	Evaluate the system.	ECE,IA,PT		Q6 a),b)	A5		Q5		

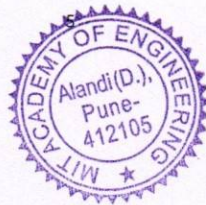


1	CO1	Explain the rationale for using systems thinking for complex adaptive systems .	ICE,ECE,IA,PT	18	17	4		5		44
2	CO2	Analyze interaction with stakeholders in a participatory way for research study.	ICE,ECE,PT	18	16	0		5		39
3	CO3	Design System Engineering frame work .	ICE,ECE,IA,PT	14	34	12		5		65
4	CO4	Apply system engineering tools.	ECE,PT	0	17	0		5		22
5	CO5	Evaluate the system.	ECE,IA,PT	0	16	4		5		25
TOTAL				50	100	20		25		195
1	CO1	Explain the rationale for using systems thinking for complex adaptive systems .	ICE,ECE,IA,PT	36%	17%	20%		20%		
2	CO2	Analyze interaction with stakeholders in a participatory way for research study.	ICE,ECE,PT	36%	16%	0%		20%		
3	CO3	Design System Engineering frame work .	ICE,ECE,IA,PT	28%	34%	60%		20%		
4	CO4	Apply system engineering tools.	ECE,PT	0%	17%	0%		20%		
5	CO5	Evaluate the system.	ECE,IA,PT	0%	16%	20%		20%		
TOTAL				100%	100%	100%		100%		

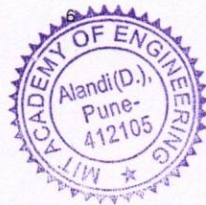


MIT Academy of Engineering (An Autonomous Institute)		RECORD OF STUDENT ASSESSMENT			
Alandi (D), Pune - 412105		CLASS	SY BTECH	COURSE CODE	ET201
UG - Electronics & Telecommunication Engg. (SEE)		COURSE	SYSTEM ENGINEERING		
ACADEMIC YEAR	2017-18	FACULTY	VINAYAK KULKARNI		
TERM	II				

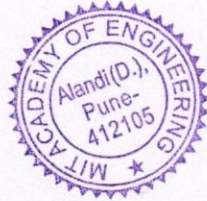
Sr. NO.	ROLL NO.	NAME OF STUDENT	THEORY			PRACTICAL / TUTORIAL	PRESENTATION / DEMO	ANY OTHER	TOTAL
			50	100	20	PR / TU	PT / DEMO		
			MSE / ICE	ESE / ECE	IA				
1	SETB301	KUNTEWAR ANSHUL S.	36	42	16		22		116
2	SETB302	VISHWAS MANOHAR BISEN	33	46	15		17		111
3	SETB303	HAWLADAR SHUBHAM S.	40	22	18		19		99
4	SETB305	AKSHAY S.INGLE	41	53	19		22		135
5	SETB307	MOMIN MUBASHSIR M. Y.	28	28	17		19		92
6	SETB309	BHATTAD KUSHAL ANIL	32	34	14		17		97
7	SETB310	SURENDRAN NATASHA S.	38	36	18		19		111
8	SETB312	PATIL SHUBHAM SHANKAR	31	40	16		19		106
9	SETB315	KUMAR ABHISHEK NEERAJ	24	0	14		20		58
10	SETB316	GUPTA VISHAL U.	37	46	19		20		122
11	SETB317	KUMARI PRIYANKA S.	45	50	17		17		129
12	SETB321	JADHAV PRAJAKTA P.	30	44	18		17		109
13	SETB322	KUMAR ASHISH T.	31	47	17		21		116
14	SETB323	MOZE SAGAR SANTOSH	30	48	16		20		114
15	SETB324	KUMAR NAMRATA SUNIL	33	50	16		21		120
16	SETB325	KUMAR AKSHIT ASHOK	22	52	14		21		109
17	SETB326	BHATNAGAR OJAL R.	38	54	18		23		133



18	SETB327	RANJAN SUDHANSHU A.	34	51	16		17		118
19	SETB328	MD MAHFOOZ ALAM	27	36	16		17		96
20	SETB329	KISHORE JAY KUSUM	30	20	15		17		82
21	SETB331	KUMAR DHEERAJ H.	35	31	17		15		98
22	SETB336	JUMDE AKANKSHA S.	34	25	16		19		94
23	SETB337	KUMARI PRIYANKA B.	32	9	17		20		78
24	SETB338	ASHUTOSH KUMAR	32	47	17		20		116
25	SETB340	KUMARI ARUNA S.	0	3	18		17		38
26	SETB101	CHAUDHARI SNEHAL K	43	46	9		20		118
27	SETB102	MANE ROHIT L	34	46	9		15		103
28	SETB103	KHANDELWAL NIKHIL V	36	60	12		18		126
29	SETB104	SANKAR ABHISHEK A	43	79	16		20		158
30	SETB105	CHAUDHARI DIPAK A	42	34	7		16		99
31	SETB106	NIMBALKAR AKASH S	29	50	10		21		110
32	SETB107	SURYAWANSHI JAYESH	32	30	6		19		87
33	SETB108	MANDAL NITESH D	40	81	16		19		156
34	SETB109	SOPHIE MATHEWS	32	64	13		21		130
35	SETB110	TRIVEDI RUSHIT AJAY	16	AB	DT		DT		16
36	SETB111	SINGH AKANKSHA K	42	59	12		20		132
37	SETB113	RODEKAR ANKIT M	36	33	7		15		91
38	SETB114	MALE SHIVSHANKAR	38	34	7		15		94
39	SETB115	MAUSAMI S	41	80	16		20		157
40	SETB116	AWARI SANDHYA D	45	69	14		21		149
41	SETB117	PATIL NIKHIL V	31	19	4		15		68
42	SETB118	RANE OMKAR J	36	48	10		21		114
43	SETB119	DESHPANDE CHAITANYA	36	47	9		20		112
44	SETB120	KUMBHARE HARINAKSHI	43	47	9		19		117
45	SETB123	WAGHMARE PRANAV P	31	52	10		14		107



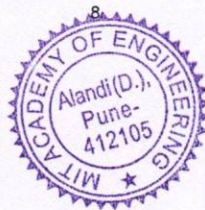
46	SETB124	THIGLE AISHWARYA G	25	AB	DT		13		38
47	SETB125	SONTAKKE SAHIL S	30	53	11		19		113
48	SETB126	CHOURASIA MAYANK K	23	57	11		16		107
49	SETB127	NERKAR AMEY N	33	29	6		16		83
50	SETB128	BATULE BHUSHAN B	30	59	12		14		115
51	SETB129	MHASKE VAIBHAV R	23	36	7		15		81
52	SETB130	JAIN ABHISHEK S	27	40	8		14		89
53	SETB131	WANKHADE KAUSTUBH	16	22	4		16		58
54	SETB132	KAKADE SRISHTI R	38	62	12		17		129
55	SETB136	MEHATTAR YAMINI J	33	65	13		15		126
56	SETB137	RISHI RAJVARDHAN H	14	17	3		20		54
57	SETB138	MANDAGE ARJUN U	34	34	7		15		89
58	SETB139	ADITYA KUMAR MISHRA	27	31	6		15		79
59	SETB140	KUMAR SAURABH	35	57	11		20		123
60	SETB141	NIKITA LOMTE	33	48	10		14		105



MIT (An Autonomous Institute)		Academy of Engineering					ASSESSMENT OF COURSE OUTCOMES					
Alandi (D), Pune - 412105		CLASS	SY BTECH	COURSE CODE	ET201	ATTAINMENT LEVEL						
UG - Electronics & Telecommunication Engg. (SEE)						1	2	3				
ACADEMIC YEAR		COURSE		FACULTY		50 %	60%	70 %				
2017-18		SYSTEM ENGINEERING		VINAYAK KULKARNI								
TERM												
II												

Target for COs	50.0%	50.0%	50.0%	50.0%	50.0%	
Targets Achieved (Nos.)	46	46	40	31	34	
Targets Achieved (%)	76.7%	76.7%	66.7%	51.7%	56.7%	
Attainment Level	3.00	3.00	2.00	1.00	1.00	

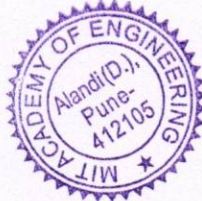
Sr. NO.	ROLL NO.	44			39			65			22			25					
		CO1			CO2			CO3			CO4			CO5					
		Marks	%	Y/N	Marks	%	Y/N	Marks	%	Y/N	Marks	%	Y/N	Marks	%	Y/N	Marks	%	Y/N
1	SETB301	27.8	63%	Y	24.1	61.7%	Y	38.6	59.4%	Y	11.5	52.5%	Y	14.4	57.6%	Y			
2	SETB302	26.1	59%	Y	22.6	58.1%	Y	37.4	57.5%	Y	11.2	51.0%	Y	13.8	55.2%	Y			
3	SETB303	25.4	58%	Y	21.7	55.7%	Y	33.0	50.7%	Y	7.5	34.3%	N	10.8	43.3%	N			
4	SETB305	32.0	73%	Y	27.6	70.9%	Y	45.4	69.8%	Y	13.4	61.0%	Y	16.7	66.8%	Y			
5	SETB307	22.0	50%	Y	18.4	47.1%	N	31.2	48.1%	N	8.6	38.9%	N	11.6	46.6%	N			
6	SETB309	23.6	54%	Y	20.4	52.2%	Y	32.6	50.1%	Y	9.2	41.7%	N	11.7	46.9%	N			
7	SETB310	27.2	62%	Y	23.2	59.6%	Y	37.5	57.7%	Y	9.9	45.1%	N	13.2	52.6%	Y			
8	SETB312	25.0	57%	Y	21.4	54.8%	Y	35.8	55.1%	Y	10.6	48.2%	N	13.4	53.8%	Y			
9	SETB315	15.4	35%	N	12.6	32.4%	N	19.0	29.2%	N	4.0	18.2%	N	6.8	27.0%	N			



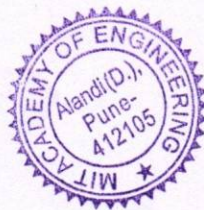
10	SETB316	29.0	66%	Y	24.7	63.3%	Y	41.6	64.0%	Y	11.8	53.7%	Y	15.2	60.9%	Y			
11	SETB317	31.5	72%	Y	27.6	70.8%	Y	43.1	66.4%	Y	11.9	54.1%	Y	14.8	59.1%	Y			
12	SETB321	25.3	58%	Y	21.2	54.5%	Y	37.7	58.0%	Y	10.9	49.5%	N	14.1	56.3%	Y			
13	SETB322	26.7	61%	Y	22.9	58.7%	Y	38.9	59.9%	Y	12.2	55.4%	Y	15.1	60.3%	Y			
14	SETB323	26.2	60%	Y	22.5	57.6%	Y	38.4	59.1%	Y	12.2	55.3%	Y	14.9	59.7%	Y			
15	SETB324	27.7	63%	Y	24.1	61.7%	Y	39.8	61.2%	Y	12.7	57.7%	Y	15.3	61.3%	Y			
16	SETB325	23.7	54%	Y	20.4	52.4%	Y	36.3	55.9%	Y	13.0	59.3%	Y	15.3	61.1%	Y			
17	SETB326	31.1	71%	Y	26.8	68.8%	Y	44.5	68.4%	Y	13.7	62.3%	Y	16.8	67.4%	Y			
18	SETB327	27.6	63%	Y	23.8	61.0%	Y	40.1	61.7%	Y	12.1	54.9%	Y	14.8	59.4%	Y			
19	SETB328	22.4	51%	Y	18.9	48.4%	N	32.8	50.5%	Y	9.5	43.3%	N	12.4	49.4%	N			
20	SETB329	20.5	47%	N	17.4	44.6%	N	27.4	42.1%	N	6.8	30.9%	N	9.5	38.1%	N			
21	SETB331	24.3	55%	Y	20.6	52.7%	Y	33.5	51.6%	Y	8.3	37.6%	N	11.4	45.4%	N			
22	SETB336	23.4	53%	Y	20.0	51.4%	Y	31.2	48.0%	N	8.1	36.6%	N	10.9	43.7%	N			
23	SETB337	20.4	46%	N	17.0	43.5%	N	26.0	40.0%	N	5.5	25.1%	N	8.8	35.0%	N			
24	SETB338	27.0	61%	Y	23.0	59.1%	Y	39.4	60.6%	Y	12.0	54.5%	Y	15.0	60.0%	Y			
25	SETB340	7.5	17%	N	3.9	9.9%	N	15.2	23.4%	N	3.9	17.8%	N	7.5	29.9%	N			
26	SETB101	29.1	66%	Y	26.8	68.8%	Y	37.2	57.2%	Y	11.8	53.7%	Y	13.2	52.8%	Y			
27	SETB102	24.6	56%	Y	22.3	57.3%	Y	33.3	51.2%	Y	10.7	48.8%	N	12.1	48.4%	N			
28	SETB103	29.2	66%	Y	26.2	67.1%	Y	41.3	63.5%	Y	13.8	62.7%	Y	15.6	62.4%	Y			
29	SETB104	36.1	82%	Y	32.1	82.4%	Y	52.4	80.6%	Y	17.4	79.2%	Y	19.8	79.2%	Y			
30	SETB105	25.5	58%	Y	23.8	60.9%	Y	30.6	47.1%	N	9.0	40.8%	N	10.0	40.0%	N			
31	SETB106	25.1	57%	Y	22.6	58.1%	Y	35.3	54.3%	Y	12.7	57.7%	Y	14.2	56.8%	Y			
32	SETB107	21.6	49%	N	20.1	51.6%	Y	26.6	40.9%	N	8.9	40.5%	N	9.8	39.2%	N			
33	SETB108	35.2	80%	Y	31.2	79.9%	Y	52.3	80.4%	Y	17.6	79.9%	Y	20.0	80.0%	Y			
34	SETB109	29.2	66%	Y	26.0	66.6%	Y	42.6	65.5%	Y	15.1	68.5%	Y	17.0	68.0%	Y			
35	SETB110	5.6	13%	N	5.6	14.3%	N	4.3	6.7%	N	0.0	0.0%	N	0.0	0.0%	N			
36	SETB111	31.4	71%	Y	28.5	73.0%	Y	42.7	65.6%	Y	13.9	63.4%	Y	15.7	62.8%	Y			
37	SETB113	22.9	52%	Y	21.2	54.5%	Y	28.3	43.5%	N	8.6	39.1%	N	9.6	38.4%	N			
38	SETB114	23.8	54%	Y	22.1	56.7%	Y	29.3	45.0%	N	8.8	39.9%	N	9.8	39.2%	N			
39	SETB115	35.6	81%	Y	31.6	80.9%	Y	52.3	80.4%	Y	17.6	80.0%	Y	20.0	80.0%	Y			
40	SETB116	34.9	79%	Y	31.4	80.6%	Y	48.5	74.7%	Y	15.9	72.4%	Y	18.0	72.0%	Y			
41	SETB117	18.0	41%	N	17.1	43.9%	N	20.2	31.1%	N	6.1	27.9%	N	6.7	26.8%	N			

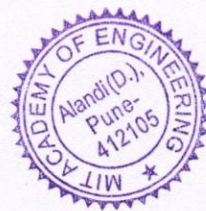
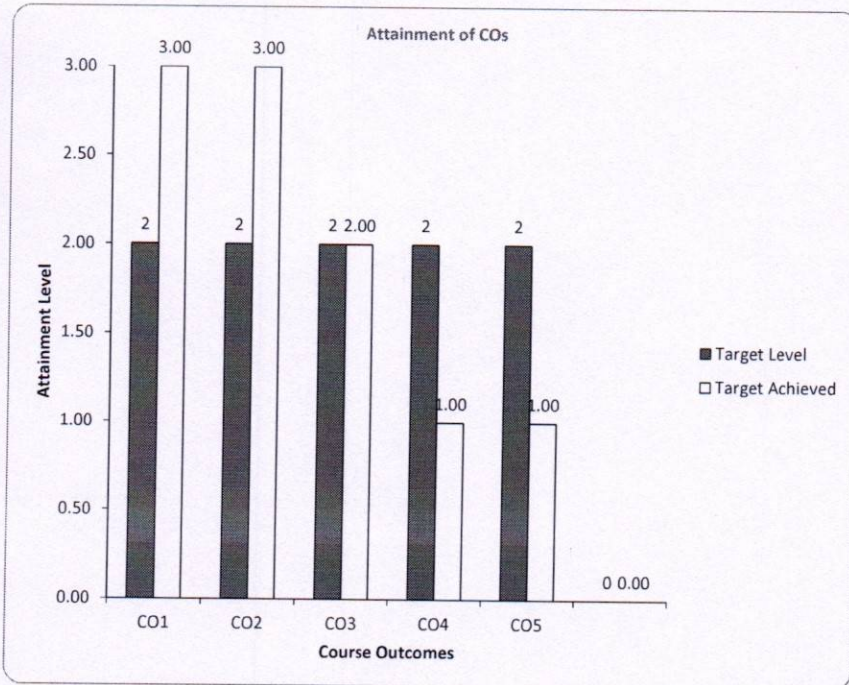


42	SETB118	27.0	61%	Y	24.6	63.0%	Y	36.0	55.4%	Y	12.3	55.8%	Y	13.7	54.8%	Y			
43	SETB119	26.8	61%	Y	24.5	62.8%	Y	35.7	54.9%	Y	12.0	54.5%	Y	13.4	53.6%	Y			
44	SETB120	28.9	66%	Y	26.5	68.1%	Y	37.1	57.1%	Y	11.7	53.2%	Y	13.1	52.4%	Y			
45	SETB123	24.9	57%	Y	22.3	57.1%	Y	35.4	54.5%	Y	11.6	52.9%	Y	13.2	52.8%	Y			
46	SETB124	11.6	26%	N	11.6	29.7%	N	9.6	14.8%	N	2.6	11.8%	N	2.6	10.4%	N			
47	SETB125	25.7	58%	Y	23.1	59.2%	Y	36.6	56.3%	Y	12.8	58.2%	Y	14.4	57.6%	Y			
48	SETB126	23.5	53%	Y	20.6	52.8%	Y	35.9	55.2%	Y	12.9	58.6%	Y	14.6	58.4%	Y			
49	SETB127	21.1	48%	N	19.6	50.4%	Y	25.6	39.3%	N	8.0	36.6%	N	8.9	35.6%	N			
50	SETB128	26.0	59%	Y	23.0	59.1%	Y	38.3	59.0%	Y	12.8	58.3%	Y	14.6	58.4%	Y			
51	SETB129	18.8	43%	N	17.0	43.7%	N	26.0	40.0%	N	9.1	41.5%	N	10.2	40.8%	N			
52	SETB130	20.9	48%	N	18.9	48.5%	N	28.8	44.2%	N	9.6	43.6%	N	10.8	43.2%	N			
53	SETB131	13.6	31%	N	12.5	32.0%	N	17.8	27.4%	N	6.9	31.5%	N	7.6	30.4%	N			
54	SETB132	30.1	68%	Y	27.0	69.2%	Y	42.6	65.5%	Y	13.9	63.4%	Y	15.8	63.2%	Y			
55	SETB136	28.4	64%	Y	25.1	64.4%	Y	42.0	64.6%	Y	14.1	63.9%	Y	16.0	64.0%	Y			
56	SETB137	12.6	29%	N	11.8	30.2%	N	15.7	24.2%	N	6.9	31.3%	N	7.4	29.6%	N			
57	SETB138	22.3	51%	Y	20.6	52.8%	Y	27.9	43.0%	N	8.7	39.5%	N	9.7	38.8%	N			
58	SETB139	19.1	43%	N	17.6	45.1%	N	24.6	37.8%	N	8.2	37.2%	N	9.1	36.4%	N			
59	SETB140	28.4	65%	Y	25.5	65.5%	Y	39.9	61.4%	Y	13.7	62.2%	Y	15.4	61.6%	Y			
60	SETB141	24.8	56%	Y	22.4	57.3%	Y	34.1	52.5%	Y	11.0	49.8%	N	12.4	49.6%	N			



MIT (An Autonomous Institute)		Academy of Engineering		ATTAINMENT OF COURSE OUTCOMES				
Alandi (D), Pune - 412105		CLASS	SY BTECH	COURSE CODE	ET201	ATTAINMENT LEVEL		
UG - Electronics & Telecommunication Engg. (SEE)		COURSE	SYSTEM ENGINEERING			1	2	3
ACADEMIC YEAR	2017-18	FACULTY	VINAYAK KULKARNI			50 %	60 %	70 %
TERM	II							
Sr. NO.	CO	COURSE OUTCOMES	TARGET FOR COs	ATTAINMENT LEVEL	TARGETS ACHIEVED (Nos.)	GAP	ATTAINED (Y/N)	
1	CO1	Explain the rationale for using systems thinking for complex adaptive systems .	2	3.00	46	1.00	Y	
2	CO2	Analyze interaction with stakeholders in a participatory way for research study.	2	3.00	46	1.00	Y	
3	CO3	Design System Engineering frame work .	2	2.00	40	0.00	Y	
4	CO4	Apply system engineering tools.	2	1.00	31	-1.00	N	
5	CO5	Evaluate the system.	2	1.00	34	-1.00	N	
	0							
Average			2.0	2.0			Y	

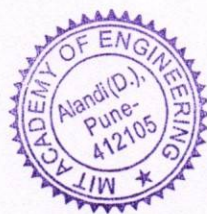
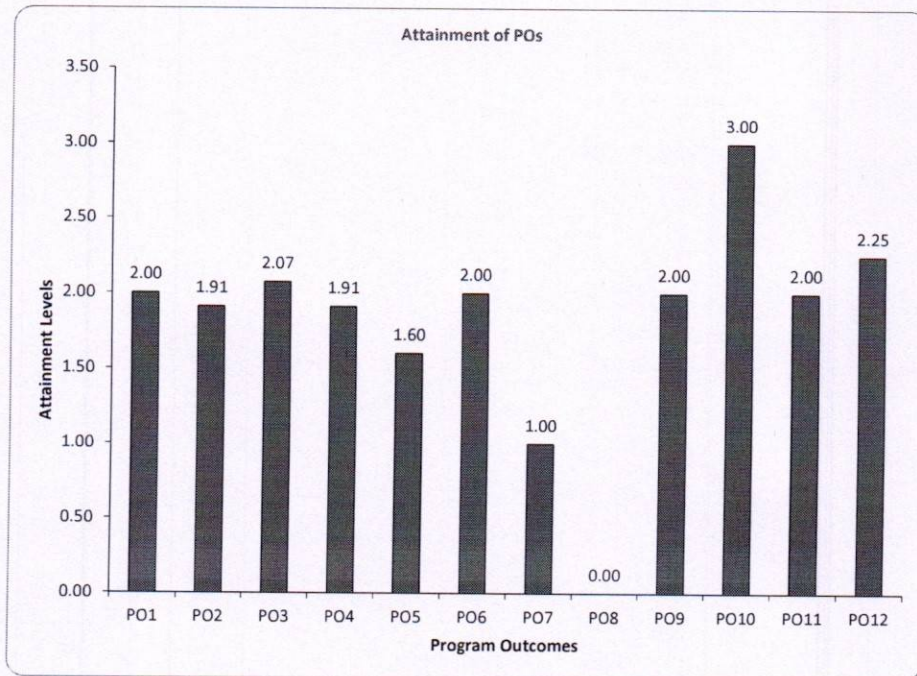





MIT Academy of Engineering (An Autonomous Institute)		ASSESSMENT AND EVALUATION OF PROGRAM OUTCOMES			
Alandi (D), Pune - 412105					
UG - Electronics & Telecommunication Engg. (SEE)					
ACADEMIC YEAR	2017-18	CLASS	SY BTECH		
TERM	II	COURSE CODE	ET201		
COURSE	SYSTEM ENGINEERING				
FACULTY	VINAYAK KULKARNI		ATTAINMENT LEVEL		
			HIGH	3	70%
			MEDIUM	2	60%
			LOW	1	50%

CO-PO CORRELATION MATRIX														
CO	CO ATTAINMENT		PROGRAM OUTCOMES											
	%	Y/N	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	Y	2	3	3	2	1	-	-	-	-	-	-	1
CO2	3	Y	2	1	3	2	-	2	-	-	2	1	1	1
CO3	2	Y	2	2	3	2	1	1	-	-	-	-	1	1
CO4	1	N	2	2	2	3	2	1	-	-	-	-	-	1
CO5	1	N	2	3	3	2	1	1	1	-	2	-	1	-
AVERAGE			2	2.2	2.8	2.2	1.25	1.25	1		2	1	1	1
OVERALL EVALUATION OF POs			2.00	1.91	2.07	1.91	1.60	2.00	1.00		2.00	3.00	2.00	2.25



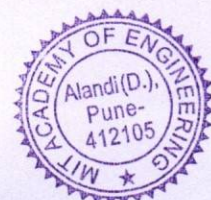
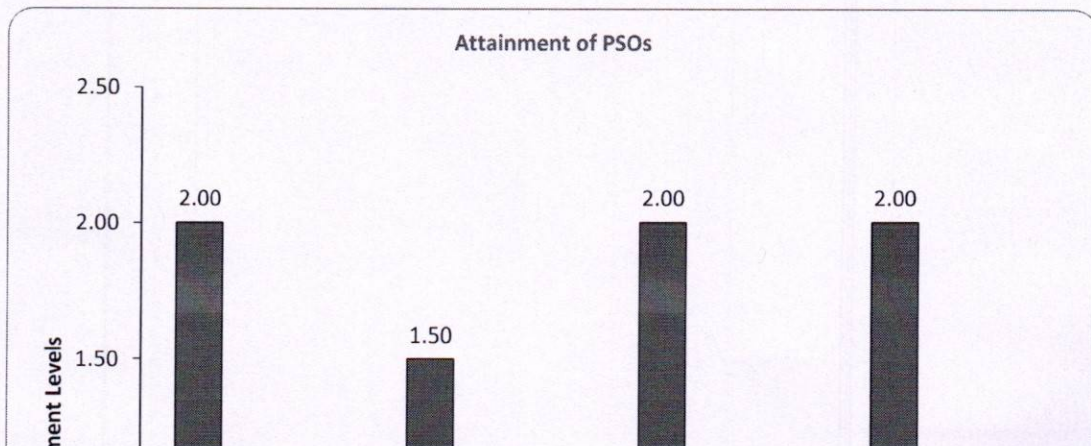


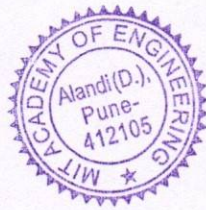
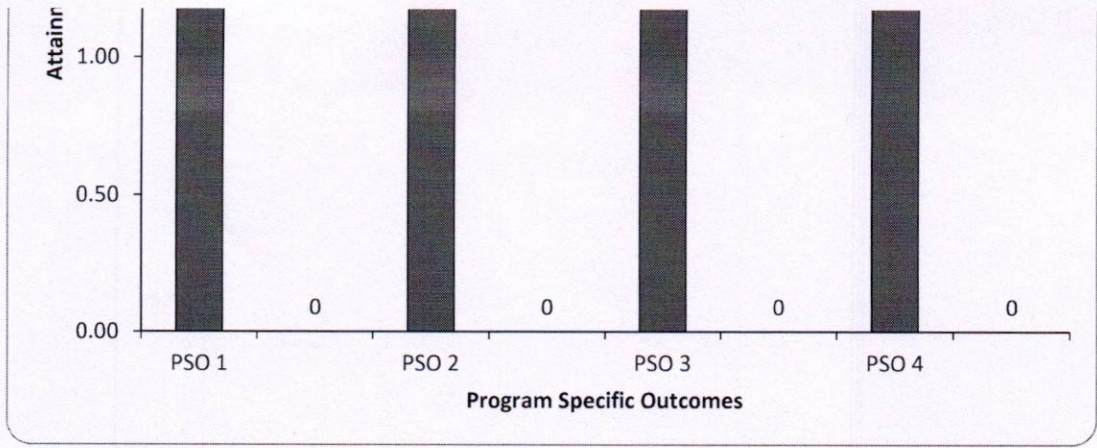
 MIT Academy of Engineering (An Autonomous Institute)	ASSESSMENT AND EVALUATION OF PROGRAM SPECIFIC OUTCOMES					
				Alandi (D), Pune - 412105		
				UG - Electronics & Telecommunication Engg. (SEE)		

ACADEMIC YEAR	2017-18	CLASS	SY BTECH	
TERM	II	COURSE CODE	ET201	
COURSE	SYSTEM ENGINEERING			
FACULTY	VINAYAK KULKARNI		MAPPING CORELATION	
		HIGH	3	70%
		MEDIUM	2	60%
		LOW	1	50%

CO-PSO CORRELATION MATRIX						
CO	CO ATTAINMENT		PROGRAM SPECIFIC OUTCOMES			
	%	Y/N	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	Y	1	-	2	3
CO2	3	Y	-	-	-	-
CO3	2	Y	1	1	2	3
CO4	1	N	-	-	-	1
CO5	1	N	1	1	2	2
AVERAGE			1.00	1.00	2.00	2.25

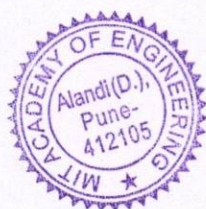
OVERALL EVALUATION OF PSOs	2.00	1.50	2.00	2.00
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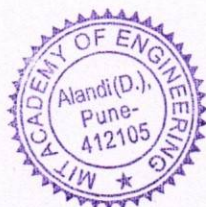


3.3.2. Provide results of evaluation of each PO & PSO (65)

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CH201	Environmental Science	2.00	2.00	1.00	3.00	1.00	2.00	3.00		2.00			1.49				2.00
AS202	Applied Mathematics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ET201	System Engineering	3.00	3.00	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
ET202	Analog Electronics	0.40	0.50		0.50	0.40				0.00	0.33		0.33	0.50		0.50	0.50
ET203	Digital Systems & Applications	1.83	2.00	2.00		2.00				1.67			1.86			1.25	1.71
ET206	Prototyping	1.50	2.50	2.67	1.00	2.00	1.00	1.00	1.00	2.25	3.00	2.00	1.50	2.00	2.00	2.00	2.00
HP201	Psychology						0.74		0.74		0.28			0.28			
IT201	Engineering Informatics	2.00		2.00	1.50	2.00		2.00	2.00		2.00		3.00		1.48	2.82	
ME201	Material Engineering																
ET211	Signals and Systems	2.80	2.88		2.50	2.75				2.67			2.67	2.80	2.83		
ET212	Network Analysis Techniques	0.00	0.67	1.71	1.00	0.00	0.00	0.00	0.75	1.50	0.00	0.00	2.67	1.00	0.33	0.60	0.86
ET213	Minor Project	3.00	2.73	3.00	3.00	2.10	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.71	1.88	3.00	2.18
ET301	Control Systems	0.00	0.00			0.00				0.00	0.00		0.00				0.00
ET302	Analog Communication	0.50	0.60	0.50	1.00	0.75	0.75						0.75	0.60	0.00		
ET303	Microcontroller & Applications	1.60	1.00	1.00		1.29						1.00	1.40			1.50	
ET304	Graphical Programming Lab	3.00	3.00	3.00		3.00				3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
ET305	Matlab	3.00	3.00	3.00	3.00	3.00							3.00	3.00	3.00		3.00
ET311	Embedded System Programming	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		3.00			3.00	
ET312	IoT Architecture and Sensors	2.30	2.22	2.60		2.50					3.00		2.25	2.00	2.00	2.50	2.22
ET321	Digital Communication	1.00	1.00	0.60	1.00	0.40	0.50						1.00	1.00	1.25		



Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
ET322	Digital Signal Processing	1.80	1.70	1.00		1.75							2.00	2.00	1.75		
ET323	Antenna Theory & Design	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		
ET324	Mini Project	3.00	2.73	3.00	3.00	2.10	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
ET331	Embedded Processor	2.80	2.60	2.50		2.57						2.50	2.70			2.20	
ET332	IoT Network and Protocols	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00				3.00	3.00		3.00	
EX304	Embedded Linux	3.00	3.00	3.00	3.00	3.00	3.00	3.00		3.00	3.00		3.00			3.00	
EX311	Fundamentals Of Robotics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	
ET401	VLSI Design	0.91	1.00	1.00	1.00	0.67	1.00			1.00			1.00		0.83	0.75	1.00
ET402	Project-I	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
ET403	Programming In Java	3.00	3.00		3.00	3.00				3.00			3.00				3.00
ET411	Digital Image Processing	1.50	1.50	1.00		1.50							2.50	2.00	1.50		
ET413	RISC Processor	1.90	2.60	2.60		2.29						2.50	2.10			2.00	
ET414	Machine Learning	2.80	2.75		3.00	3.00				2.67			3.00	2.80	2.83		
ET421	Low Power SoC	1.69	2.40	2.50		1.91						2.50	1.92			1.80	
EX421	Robotics Vision	2.40	2.25		3.00	2.25				3.00			3.00	2.40	2.50		
ET422	Privacy and Security In IOT	0.00	0.00	0.00	0.00	0.00	0.00		0.00					0.00			
HP401	Engineering Economics	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
HP402	Sociology				1.67		1.67	1.67	1.67		1.34			1.00			
ET431	Advanced Communication Systems	3.00	3.00	3.00		3.00							3.00	3.00			
ET432	Major Project Analysis and Design	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
EX441	Biomedical Engineering	1.57	2.00	2.43	2.00	2.00	3.00	2.50	2.00	2.00	2.00	2.00	2.00	3.00	0.00		
ET442	Artificial Intelligence	2.64	2.64	3.00	3.00	3.00									2.50		



Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
ET444	Speech and Signal Processing	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.63	3.00	3.00	3.00	3.00	3.00
ET451	Real Time Embedded System	2.00	1.84		1.34	1.67					1.34		1.34			2.00	
EX451	Intelligent and High Performance Robotics	2.50	3.00	2.50		3.00					3.00				3.00		2.67
ET452	Energy Management for IoT Devices	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		3.00				3.00
Direct Attainment		2.35	2.34	2.55	2.22	2.27	2.23	2.39	2.17	2.45	2.28	2.57	2.45	2.31	2.30	2.46	2.27
Indirect Attainment (Survey 1)		2.75	2.40	2.29	1.00	2.29	0.25	0.75	0.50	2.31	2.02	0.20	2.30	2.00	2.02	2.31	2.24
Indirect Attainment (Survey 2)		2.60	2.58	3.00	1.00	2.33	0.50	0.50	0.75	2.67	2.33	0.10	2.42	2.83	2.00	2.50	2.90
Indirect Attainment (Survey 3)		2.60	2.04	1.97	0.80	2.08	0.50	0.50	0.50	2.08	2.09	0.20	1.99	2.05	1.99	2.12	2.09
Indirect Attainment Average		2.65	2.34	2.42	0.93	2.24	0.42	0.58	0.58	2.35	2.15	0.17	2.23	2.30	2.00	2.31	2.41
Overall Attainment of POs	Direct Attainment (80%)	1.88	1.87	2.04	1.77	1.81	1.78	1.91	1.74	1.96	1.83	2.06	1.96	1.85	1.84	1.97	1.82
	Indirect Attainment (20%)	0.53	0.47	0.48	0.19	0.45	0.08	0.12	0.12	0.47	0.43	0.03	0.45	0.46	0.40	0.46	0.48
	Total	2.41	2.34	2.53	1.96	2.26	1.87	2.03	1.85	2.43	2.26	2.09	2.41	2.31	2.24	2.43	2.30

