

Academic Year: 2022-23

I.B.Tech- I Sem AIML A&B

Course: ENGLISH FOR SKILL ENHANCEMENT

Faculty: Ms Jisha Cleetus Joseph

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

SCHOOL OF ENGINEERING

B. TECH (AIML A&B) I YEAR I SEM (2022-2026 BATCH)

CO ATTAINMENT LEVEL	CO1, CO2	CO2	CO3	CO3	CO3, CO4	CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1	CO1	CO2	CO2	CO3, CO4, CO5	CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO5	
	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
128	22721A66C8		4	4	4	3	8	3	3		4	3		7	7	8
129	22721A66C9	5	4		5	3	10	4		5	4	5		10	10	9
No of students attempted	96	41	68	89	92	108	129	85	116	67	118	86	39	129	129	129
% of students scored 50% and above	85.42	82.93	91.18	93.26	90.22	87.96	92.25	96.47	81.90	95.52	98.31	93.02	97.44	97.67	99.22	100.00
% of students scored 70% and above																
MAPPING CO	CO1, CO2	CO2	CO3	CO3	CO3, CO4	CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1	CO1	CO2	CO2	CO3, CO4, CO5	CO3, CO4, CO5	CO1, CO2, CO3, CO4, CO5	CO1, CO5	
CO ATTAINMENT LEVEL	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

ASSESSMENT OF COs FOR THE COURSE

Method	value	Avg	CO Attainment (Int)	CO Attainment (Uni)	Overall CO Attainment
MI Q1	3		3.00	3.00	3.00
MI Q2	3				
MI Q3	3				
MI Q4	3				
MI Q5	3				
MI Q6	3				
A&P	3		3.00	3.00	3.00
OBJ-I	3				
OBJ-II	3				
MI Q3	3				
MI Q4	3				
MI Q5	3				
MI Q6	3		3.00	3.00	3.00
A&P	3				
OBJ-I	3				
OBJ-II	3				
MI Q5	3				
M2 Q5	3				
A&P	3		3.00	3.00	3.00
OB-1	3				
OB-2	3				
MI Q6	3				
M2 Q6	3				
A&P	3				
OB-1	3		3.00	3.00	3.00
OB-2	3				

Course Outcomes (CO)	Relationship of Course Outcomes to Program Outcomes (PO AVG)											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1							2	2	3	3		2
CO2							2	2	3	3		2
CO3							2	2	3	3		2
CO4							2	2	3	3		2
CO5							2	2	3	3		2

PO	CO	Value	ASSESSMENT OF POS THROUGH THE COURSE										Final PO VALUE		
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10			
PO7	CO1	3.0													3.0
	CO2	3													
	CO3	3.0													
	CO4	3.0													
	CO5	3.0													
PO8	CO1	3.0													3.0
	CO2	3.0													
	CO3	3.0													
	CO4	3.0													
	CO5	3.0													
PO9	CO1	3.0													3.0
	CO2	3.0													
	CO3	3.0													
	CO4	3.0													
	CO5	3.0													
PO10	CO1	3.0													3.0
	CO2	3.0													
	CO3	3.0													
	CO4	3.0													
	CO5	3.0													
PO12	CO1	3.0													3.0
	CO2	3.0													
	CO3	3.0													
	CO4	3.0													
	CO5	3.0													

Faculty Incharge

Sumera
HOD, H&S

CHEMISTRY Academic YEAR: 2022-23

I B.Tech- I Sem DS

Course: ENGINEERING CHEMISTRY

Faculty: Dr. P. Sudha

62	22721A6762	4		1			2	5	2			3	9						
63	22721A6763						3	3	4		2	5	8	5					
No of students attempted		43	45	35	33	35	14			56	12	51	25	32	24	59	63	44	
% of students scored 50% and above																			100.00
% of students scored 60% and above		83.721	60	80	66.67	68.57	50			85.71	75	76.471	84	53.13	66.67	86.4			92.1
% of students scored 70% and above																			
MAPPING CO		CO1	CO1	CO2	CO3	CO2	CO3	CO3	CO4	CO4	CO5	CO5	CO3	CO3	CO3	CO3,CO4,CO5	CO1-CO5		
CO ATTAINMENT LEVEL		3.0	2.0	3.0	2.0	2.0	1.0	3.0	3.0	3.0	3.0	1.0	2.0	2.0	3.0	3.0	3.0		3.0

ASSESSMENT OF COs FOR THE COURSE

CO	Method	value	Avg	CO Attainment (Int)	CO Attainment (Uni)	Overall CO Attainment
CO 1	MI Q1	3	2.7	2.7		2.87
	MI Q2	2				
	OBI	2				
	A&P	3				
	MIQ3	3				
CO 2	MI Q5	2	2.5	2.5		2.80
	OBI	2				
	A&P	3				
	MI Q4	2				
	MI Q6	1				
CO 3	M2Q1	3	2.2	2.2	3.00	2.67
	M2Q6	2				
	OBI	2				
	OBI	3				
	A&P	3				
	M2Q2	3				
CO 4	M2Q3	3	3.0	3.0		3.00
	OBI	3				
	A&P	3				
	M2Q4	3				
CO 5	M2Q5	1	2.5	2.5		2.80
	OBI	3				
	A&P	3				

Relationship of Course outcomes to Program Outcomes (PO AVG)												
Course Outcomes (CO)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3		1				1	1				1
CO2	3		1				1	1				1
CO3	3		2				1	1				1
CO4	3		1				1	1				1
CO5	3		1				1	1				1

ASSESSMENT OF POS THROUGH THE COURSE				Final PO VALUE
PO	CO	Value		
PO1	CO1	2.9		2.8
	CO2	2.8		
	CO3	2.7		
	CO4	3.0		
	CO5	2.8		
PO3	CO1	2.9		2.8
	CO2	2.8		
	CO3	2.7		
	CO4	3.0		
	CO5	2.8		
PO7	CO1	2.9		2.8
	CO2	2.8		
	CO3	2.7		
	CO4	3.0		
	CO5	2.8		
PO8	CO1	2.9		2.8
	CO2	2.8		
	CO3	2.7		
	CO4	3.0		
	CO5	2.8		
PO12	CO1	2.9		2.8
	CO2	2.8		
	CO3	2.7		
	CO4	3.0		
	CO5	2.8		

Signature
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Signature
HOD, H&S

Academic Year: 2022-23

IB, Tech I SEM

Branch IT

Course: MATRICES&CALCULUS

Faculty: M.SATEESH KUMAR REDDY

63	227Z1A1263	3	3	3	5		3	4									9	0.00	0
64	227Z1A1264				2			7		2							5	10.00	5
No of students attempted		44	43	31	30	22	2	2		35	22	39	23	42	43	7	8	10.00	5
% of students scored 50% and																			61
% of students scored 60% and		68.18	76.74	80.645	80	40.909	1350	2350		74.29	63.64	92.31	91.30	95.24	69.77	675		580	67.21
% of students scored 70% and																		600	
MAPPING CO		CO1	CO1,2	CO2	CO3	CO3	CO3	CO 1,2,3	CO3	CO4	CO4	CO5	CO5	CO5	CO5	CO 3,4,5	CO1 TO CO5		
CO ATTAINMENT LEVEL		2.0	3.0	3.0	3.0	0.0	0.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	2.0	3.0	3.0	3.0	2.0


ASSESSMENT OF COs FOR THE COURSE

CO	Method	value	Avg	CO Attainment (Int)	CO Attainment (Uni)	Overall CO Attainment
CO 1	M1Q1	2.0	2.8	2.25	2.00	2.10
	M1Q2	3.0				
	A&P	3.0				
	OB1	3.0				
CO 2	M1Q3	3.0	3.0	2.50	2.00	2.20
	A&P	3.0				
	OB1	3.0				
	M1Q4	3.0				
	M1Q5	0.0				
	M1Q6	0.0				
CO 3	M1Q1	3.0	2.1	1.71	2.00	1.89
	A&P	3.0				
	OB1	3.0				
	OB2	3.0				
	M1Q2	2.0				
CO 4	M1Q3	3.0	2.8	2.75	2.00	2.30
	A&P	3.0				
	OB2	3.0				
	M1Q4	2.0				
CO 5	M1Q5	2.0	2.3	2.00	2.00	2.00
	M1Q6	2.0				
	M1Q6	2.0				
	OB2	3.0				

Relationship of Course Outcomes to Program Outcomes (PO AVG)												
Course Outcomes (CO)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2										1
CO2	3	2										1
CO3	3	2										1
CO4	3	2										1
CO5	3	2										1

ASSESSMENT OF POS THROUGH THE COURSE			Final PO VALUE
PO	CO	Value	
PO1	CO1	2.1	2.1
	CO2	2.2	
	CO3	1.9	
	CO4	2.3	
	CO5	2.0	
PO2	CO1	2.1	2.1
	CO2	2.2	
	CO3	1.9	
	CO4	2.3	
	CO5	2.0	
PO12	CO1	2.1	2.1
	CO2	2.2	
	CO3	1.9	
	CO4	2.3	
	CO5	2.0	


 Faculty Incharge


 HOD, H&S

Academic Year: 2022-23

I B.Tech- II Sem IT

Course: ENGLISH FOR SKILL ENHANCEMENT

Faculty: Ms Jisha Cletus Joseph

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

SCHOOL OF ENGINEERING

B.TECH (IT) I YEAR II SEM (2022-2026 BATCH)

60	22721A12G3	5	5	5		2		10	4	4		4		4		4		10		8	7
61	22721A12G4	4	3	4		4		8	4	2		4		2		4		8		8	6
No of students attempted																					
		32	28	56		48		61	45	36		11		55		39		61		61	61
% of students scored 50% and above																					
		90.625	78.571429	92.857		72.92		98.36	97.78	91.67		81.82		90.91		94.87		95.08		100	98.36
% of students scored 70% and above																					
MAPPING CO		CO1,CO2	CO2	CO3	CO3	CO3	CO3	CO1,CO2,CO3,CO4,CO5	CO1	CO1	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO1-CO5		CO1-CO5	
CO ATTAINMENT LEVEL		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

ASSESSMENT OF COs FOR THE COURSE

CO	Method	value	Avg	CO Attainment (Int)	CO Attainment (Uni)	Overall CO Attainment
CO 1	MI Q1	3	3.00	3.00		3.00
	MI Q2	3				
	MI Q3	3				
	MI Q4	3				
	MI Q5	3				
	MI Q6	3				
	OBI	3				
	M2Q1	3				
	M2Q2	3				
	M2Q3	3				
	M2Q4	3				
	M2Q5	3				
	M2Q6	3				
	OBI	3				
	A&P	3				
	MI Q1	3				
MI Q2	3					
MI Q3	3					
MI Q4	3					
MI Q5	3					
MI Q6	3					
OBI	3					
M2Q1	3					
M2Q2	3					
M2Q3	3					
M2Q4	3					
M2Q5	3					
M2Q6	3					
OBI	3					
A&P	3					
CO 2			3.00	3.00		3.00

CO 3	MI Q1	3	3.00	3.00	3.00
	MI Q2	3			
	MI Q3	3			
	MI Q4	3			
	MI Q5	3			
	MI Q6	3			
	OBI	3			
	M2Q1	3			
	M2Q2	3			
	M2Q3	3			
	M2Q4	3			
	M2Q5	3			
	M2Q6	3			
	OBI	3			
A&P	3				
MI Q1	3	3.00	3.00	3.00	
MI Q2	3				
MI Q3	3				
MI Q4	3				
MI Q5	3				
MI Q6	3				
OBI	3				
M2Q1	3				
M2Q2	3				
M2Q3	3				
M2Q4	3				
M2Q5	3				
M2Q6	3				
OBI	3				
A&P	3				
MI Q1	3	3.00	3.00	3.00	
MI Q2	3				
MI Q3	3				
MI Q4	3				
MI Q5	3				
MI Q6	3				
OBI	3				
M2Q1	3				
M2Q2	3				
M2Q3	3				
M2Q4	3				
M2Q5	3				
M2Q6	3				
OBI	3				
A&P	3				

Academic Year: 2022-2023

IV B.PHARMACY- I Sem

Course: Instrumental Methods of Analysis

Faculty: A.Sahithi

S.No	Reg.No	MID I Threshold 60%				ASSIGNMENT-I Threshold 70%					MID-II Threshold 60%				ASSIGNMENT-I Threshold 70%					Threshold 60%	Consolidated
		MI Q1	MI Q2	MI Q3	MI Q4	AI Q1	AI Q2	AI Q3	AI Q4	AI Q5	MII Q1	MII Q2	MII Q3	MII Q4	A2 Q2	A2 Q2	A2 Q3	A2 Q4	A2 Q5	University Exam(Max 75)	Mid Marks
1	197Z1R0001	5	5			1	1	1	1	1	5		5		1	1	1	1	1	62	21
2	197Z1R0002	5	5			1	1	1	1	1	4	3			1	1	1	1	1	66	21
3	197Z1R0003	3	4			1	1	1	1	1	4	5			1	1	1	1	1	43	17
4	197Z1R0004		5	5		1	1	1	1	1	5		5		1	1	1	1	1	56	22
5	197Z1R0005	5	5			1	1	1	1	1		5	5		1	1	1	1	1	67	23
6	197Z1R0006	5	5			1	1	1	1	1		5	5		1	1	1	1	1	69	23
7	197Z1R0007	4	5			1	1	1	1	1	2		4		1	1	1	1	1	45	19
8	197Z1R0008	5	5			1	1	1	1	1	5		4		1	1	1	1	1	65	23
9	197Z1R0009	5	5			1	1	1	1	1	5		5		1	1	1	1	1	66	23
11	197Z1R0011		5		5	1	1	1	1	1	5		5		1	1	1	1	1	73	23
12	197Z1R0012	3	4			1	1	1	1	1	4			5	1	1	1	1	1	52	18
13	197Z1R0013	3	2		2	1	1	1	1	1		4	5		1	1	1	1	1	47	18
15	197Z1R0014	5		4		1	1	1	1	1		5	5		1	1	1	1	1	61	20
16	197Z1R0015	5		2		1	1	1	1	1	5		5		1	1	1	1	1	57	20
17	197Z1R0016	5	5			1	1	1	1	1	5		5		1	1	1	1	1	71	23
19	197Z1R0017	4	4			1	1	1	1	1	4	5			1	1	1	1	1	63	20
20	197Z1R0018	5	4			1	1	1	1	1	4	4			1	1	1	1	1	61	21
21	197Z1R0019	5	5			1	1	1	1	1		5	5		1	1	1	1	1	66	22
22	197Z1R0020	5	5			1	1	1	1	1			5	5	1	1	1	1	1	62	22
23	197Z1R0021	5	5			1	1	1	1	1	5		5		1	1	1	1	1	67	22
24	197Z1R0022		5	4		1	1	1	1	1	5		5		1	1	1	1	1	70	22
25	197Z1R0023	4	5			1	1	1	1	1	4	4	1		1	1	1	1	1	60	22
26	197Z1R0024	4	5			1	1	1	1	1		4	5		1	1	1	1	1	56	21
27	197Z1R0025	5	5			1	1	1	1	1	4		5		1	1	1	1	1	56	21
28	197Z1R0026	5	5			1	1	1	1	1	4		5		1	1	1	1	1	67	22
29	197Z1R0027	5	5			1	1	1	1	1			5	5	1	1	1	1	1	71	23
30	197Z1R0028		5	4		1	1	1	1	1		4	5		1	1	1	1	1	74	21
31	197Z1R0029	4	5			1	1	1	1	1	4	1	5		1	1	1	1	1	63	23
32	197Z1R0030	4	4			1	1	1	1	1	5		5		1	1	1	1	1	56	21
34	197Z1R0031			5	5	1	1	1	1	1			5	5	1	1	1	1	1	50	19
35	197Z1R0032	5	5			1	1	1	1	1		4	4		1	1	1	1	1	62	21
36	197Z1R0033	5	5			1	1	1	1	1			5	5	1	1	1	1	1	65	22
37	197Z1R0034	4	5			1	1	1	1	1	5		5		1	1	1	1	1	69	23
38	197Z1R0035	5	5			1	1	1	1	1		4	5		1	1	1	1	1	59	21
39	197Z1R0036	5	5			1	1	1	1	1	4		5		1	1	1	1	1	57	22
40	197Z1R0037	5	5			1	1	1	1	1		5	5		1	1	1	1	1	59	21
41	197Z1R0038	5	5			1	1	1	1	1			4	5	1	1	1	1	1	62	21
42	197Z1R0039	5	5			1	1	1	1	1	5		5		1	1	1	1	1	62	23
43	197Z1R0040	3	5			1	1	1	1	1	4		4		1	1	1	1	1	50	22

45	197Z1R0041	5	5			1	1	1	1	1		3	5		1	1	1	1	1	55	20
46	197Z1R0043	4	5			1	1	1	1	1		4	5		1	1	1	1	1	57	22
47	197Z1R0044	5	5			1	1	1	1	1	5	3		1	1	1	1	1	57	20	
48	197Z1R0045	5	5			1	1	1	1	1	5	3	5	1	1	1	1	1	59	22	
49	197Z1R0046	5	5			1	1	1	1	1			5	4	1	1	1	1	1	65	21
50	197Z1R0047	5	5			1	1	1	1	1	3		5		1	1	1	1	1	61	21
51	197Z1R0048	4	5			1	1	1	1	1	5		5		1	1	1	1	1	58	21
52	197Z1R0049	5	5			1	1	1	1	1			5	4	1	1	1	1	1	67	21
53	197Z1R0050	5	5			1	1	1	1	1		4	5		1	1	1	1	1	67	21
54	197Z1R0051	4	5			1	1	1	1	1		4	5		1	1	1	1	1	63	21
55	197Z1R0052	4	4			1	1	1	1	1	3		5		1	1	1	1	1	52	20
56	197Z1R0054	3		4		1	1	1	1	1	3		5		1	1	1	1	1	52	20
No of students attempted		46	47	7	3	51	51	51	51	51	30	22	45	8	51	51	51	51	169	51	51
% of students scored																				100.00	100.00
% of students scored		100	97.872	85.714	66.67						96.67	95.45	97.778	100							
% of students scored						100	100	100	100	100					100	100	100	100	30.18		
MAPPING CO		CO1,CO	CO-2	CO-2	CO-3	CO-1	CO-1	CO-2	CO-2	CO-3	CO-3	CO-4	CO-4	CO-5	CO-4	CO-4	CO-5	CO-5	CO-5		
CO ATTAINMENT LEVEL		3.0	3.0	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	3.0	3.0

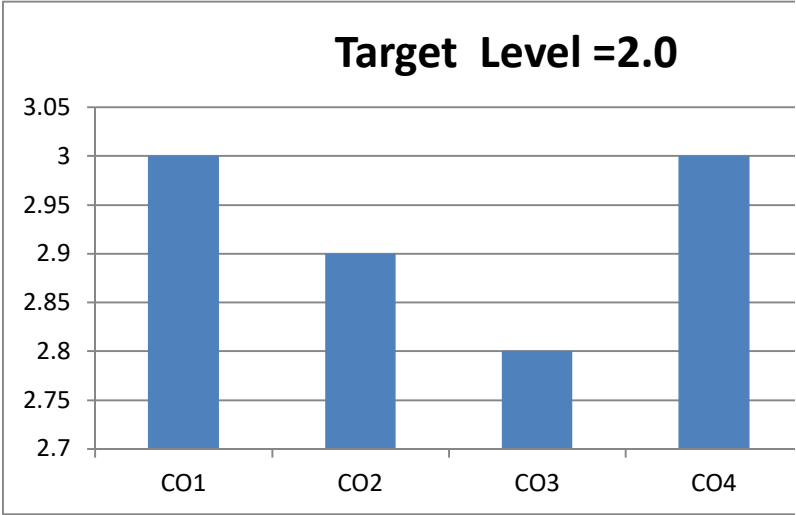
ASSESSMENT OF COs FOR THE COURSE						
CO	Method	value	Avg	CO Attainment (Int)	CO Attainment (Uni)	Overall CO
CO 1	MI Q1	3	3	3.00	3.00	3.00
	AI Q1	3				
	AI Q2	3				
CO 2	MI Q1	3	3.00	3.00	3.00	3.00
	MI Q2	3				
	MI Q3	3				
	AI Q3	3.0				
	AI Q4	3.0				
CO 3	MI Q4	2.0	2.75	2.75	3.00	2.90
	MIIQ1	3.0				
	AII Q1	3.0				
	A1 Q5	3.0				
CO 4	MII Q2	3.0	3.0	3.00	3.00	3.00
	MII Q3	3.0				
	AII Q2	3.0				
	AII Q3	3.0				
CO 5	MII Q4	3.0	3.0	3.00	3.00	3.00
	AII Q4	3.0				
	AII Q5	3.0				

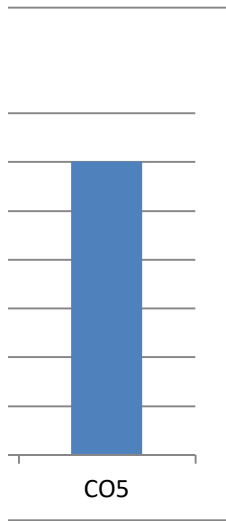
Relationship of Course outcomes to Program Outcomes (PO AVG)

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PS01	PS02
CO1	X	X	X								X	X	X
CO2	X	X	X								X	X	X
CO3	X	X	X								X	X	x
CO4	X	X	X								X	x	x
CO5	X	X									X	X	x

ASSESSMENT OF POs THROUGH THE COURSE			
PO	CO	Value	Final PO VALUE
PO1	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
	CO5	3.0	
PO2	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
	CO5	3.0	
PO3	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
PO11	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
	CO5	3.0	
PSO1	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
	CO5	3.0	
PSO2	CO1	3.0	2.98
	CO2	3.0	
	CO3	2.9	
	CO4	3.0	
	CO5	3.0	

Course Outcome	Attainment Level
C01	3
C02	2.9
C03	2.8
C04	3
C05	3





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Subject code	Subject Name	CO1	CO2
C101	English	-	-
C102	Mathematics-1	-	-
C103	Engineering Mechanics	2.8	-
C104	Engineering Physics	-	-
C105	Engineering Chemistry	-	-
C106	Computer Programming	1.8	-
C107	Engineering Drawing	-	-
C108	Computer Programming Lab	-	-
C109	Engineering Physics & Engineering Chemistry Lab	-	-
C110	Engineering Language Communication Skills Lab	-	-
C111	IT Workshop/ Engineering Workshop	-	-
C201	Probability and Statistics & Complex Variables	-	-
C202	Mechanics of Solids	-	-
C203	Material Science and Metallurgy	-	-
C204	Production Technology	0.5	-
C205	Thermodynamics	-	-
C206	Production Technology Lab	-	2.8
C207	Machine Drawing Practice	-	-
C208	Material Science and Mechanics of Solids Lab	-	2.9
C209	Constitution of India	-	2.8
C210	Basic Electrical and Electronics Engineering	1.2	-
C211	Kinematics of Machinery	-	-
C212	Thermal Engineering - I	-	-
C213	Fluid Mechanics and Hydraulic Machines	-	3
C214	Instrumentation and Control Systems	-	-
C215	Basic Electrical and Electronics Engineering Lab	-	2.7
C216	Fluid Mechanics and Hydraulic Machines Lab	-	-
C217	Instrumentation and Control Systems Lab	-	-

C218	Gender Sensitization Lab	-	2.9
C219	Cyber security	1.9	-
C301	Dynamics of Machinery	-	2.9
C302	Design of Machine Members-I	2.7	-
C303	Metrology & Machine Tools	-	-
C304	Business Economics & Financial Analysis	-	2.9
C305	Thermal Engineering-II	-	-
C306	Operations Research	-	-
C307	Intellectual Property Rights	-	-
C308	Thermal Engineering Lab	-	-
C309	Metrology & Machine Tools Lab	2.8	-
C310	Kinematics & Dynamics Lab	-	-
C311	Design of Machine Members-II	-	-
C312	Heat Transfer	-	-
C313	CAD & CAM	-	-
C314	Unconventional machining process	-	-
C315	Entrepreneurship	-	-
C316	Finite Element Methods	2.2	2.2
C317	Heat Transfer Lab	-	1.5
C318	CAD & CAM Lab	-	-
C319	Advanced Communication Skills lab	-	2.9
C320	Environmental Science	2.8	2.8
C321	Artificial intelligence	-	2.7
C401	Refrigeration & Air Conditioning	-	2.9
C402	Automation in Manufacturing	-	2.9
C403	Renewable Energy Sources	-	-
C404	Fluid Power Systems	3	3
C405	Python programming	3	3
C406	Industrial oriented minis project/summer internship	3	3
C407	Seminar	3	3
C408	Project Stage - I	-	2.9
C409	Industrial robotics	2.7	-
C410	production and operation management	-	-
C411	Green fuel technology	-	2.9
C412	Project Stage - II	-	-
	Average PSO value	2.4	2.8

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PO's Attainment

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO 11	PO1 12
Direct PO Attainment (X)	2.13	2.15	2.20	2.03	2.40	2.04	2.04	2.37	2.59	2.8	2.78	2.24
Indirect PO Attainment (Y)	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.6	2.6	2.4	2.5	2.5
Final PO Attainment (X*80% + Y*20%)	2.24	2.26	2.30	2.16	2.46	2.19	2.18	2.41	2.59	2.72	2.72	2.29
PO Target	2.4											

PSO's Attainment

	PS01	PSO2
Direct PSO Attainment (X)	2.4	2.8
Indirect PSO Attainment (Y)	2.7	2.7
Final PSO Attainment (X*80% + Y*20%)	2.46	2.78
PSO Target	2.6	