

Priyadarshini College of Engineering
Department of Electronics Engineering
Session 2015-16

Sem IV

Name of Faculty:Ms.S.G.Mungale

Subject:- Electromagnetic

Course Outcome on completion of this course	Attainment						RTMNU EXAM	Attainment (Internal + University Exam)	Effective Attainment Level
	CAT1	CAT2	ASSIG N-I	ASSIG N - II	SESSION AL	Attainment			
1.Understand the concept of Electric,Magnetic,Electromagnetic Fields required to understand the concept of Electronic Communication	48.00%		59%		33.34%	3/3=1	17 (68 %) out of 25 students scored target level marks Attainment Level -3	20 % of 1 +2.4 = 2.6	High
	1		2		0				3
2.Understand the different coordinate coordinate system for mathematical Analysis of Electromagnetic Engineering	32.00%		74%		59.25%	5/3=1.6		20 % of 1.6+2.4 = 2.72	High
	0		3		2				3
3.Understand the Maxwell's equation for time varying and time constant field.		86.37%	74.00%		37.04%	6/3=2		20 % of 2 +2.4 = 2.8	High
		3	3		0				3
4.Understand the wave propogation in different medium		82%		74%	14.81%	6/3=2		20 % of 2 +2.4 = 2.8	High
		3		3	0				3
5.Understand the use of waveguides for the transmission of electromagnetic waves at higher frequencies.				74%	22.22%	3/2=1.5		20 % of 1.5 +2.4 = 2.7	High
				3	0				3
6.Understand the basic concept of radiation and elements used for radiation along with the basic terminologies.				81%	18.51%	3/2=1.5	20 % of 1.5 +2.4= 2.7	High	
				3	0			3	
	(1/6)*3 = 0.5	(6/6)*3= 3	(8/9)*3 = 2.66	(9/9)* 3= 3	(2/18)*3 = 0.33	9.49/5= 1.8		16.32/6=2.72	High

Priyadarshini College of Engineering, Nagpur
Department of Electronics Engineering

Session 2015-16

Semester:IV

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ROLL NO.	Name of Students	Que.1	Que.2		Que.3	Que.4	Que.5	Que.6	Que.7	Que.8	Que.9	Que.10	Que.11	Que.12	TOTAL			
		13			13	13	14	14	14	14	13	13	13	13				
		CO's Mapped	CO1	CO1		CO2	CO2	CO3	CO3	CO4	CO4	CO5	CO5	CO6		CO6		
		Total of Marks Obtained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	Total of Marks Obtained	CO Attained		
1	Poojarthi Gattuwar		3		4			2									9	
2	Ashwini Charpe		10	1	7		1	3									20	
3	Akansha Karmarkar				4		1	2									6	
4	Nidhi Upshyam		11	1	8		1		12	1							31	
5	Aishwarya S. Bagde	1			5		1	2									8	
6	Harsha Asawa					10	1	8		1	5		1	6		1	29	
7	Ashvini Tamgadge	7		1	3			10		1		4	1	12		1	35	
8	Sheetal Jangale				2				7	1				2			11	
9	Vina Fuley	2			12		1	13		1	1			2			30	
10	Indranil Chopde	1															1	
11	Sushant Parihar					1								1			2	
12	Shubham Khobragade				2			1									3	
13	Shubham Nimbalkar	0															0	
14	Achalesh Mishra	0			5		1		0						9		1	14
15	Swapnil R. Kadwe	7		1	13		1	5		1						9	1	33

16	Anjali Shende		2		5		1		11	1				3					21	
17	Amar Pokle	7		1	4		1						5		1		7	1	23	
18	Vaibhav Pakhmode											1							1	
19	Mayuri Belsare		1		5		1		1										7	
20	Tathastu Naranje	0																	0	
21	Badal Armarkar	7		1	7		1	2		7		1	10		1		10	1	43	
22	Shriya Lambat		5		6		1	4		1									15	
23	Apurva Thakre		1		1														2	
24	Yogita Falke		7	1		1		14		1	8		1		13	1	9		1	47
25	Snehal Ganvir	7		1	8		1	7		1			6		1		2			30
26	Pranay Meshram							1												1
27	Apurva Giri				5		1						1					3		9
Total no of students appeared		27			27			27			27			27			27			
Total no of students scoring target level marks		8			16			10			4			6			5			
%		33.34			59.25			37.037			14.81			22.22			18.51			
Attainment Level of CO (1 (low), 2 (medium), 3 (high))		0			2			2			0			0			0			
		CO1			CO2			CO3			CO4			CO5			CO6			

Attainment Level Criteria

60% or more Students Scoring	Attainment Level 3
50% or more Students Scoring	Attainment Level 2
40% or more Students Scoring	Attainment Level 1
Less than 40% Students Scoring	Attainment Level 0

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Session : 2015-16		CAT 1				CAT 2			
ROLL NO.	Name of Students	CO1		CO2		CO3		CO4	
		10		10		10		10	
		Total of Marks Obtained	CO Attained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	CO Attained	Total of Marks Obtained	CO Attained
1	Poojarthi Gattuwar	4	1	0		5	1	4	1
2	Ashwini Charpe	6	1	7	1	8	1	5	1
3	Akansha Karmarkar	2		0		4	1	1	
4	Nidhi Upshyam	4	1	5	1	7	1	8	1
5	Aishwarya S. Bagde	5	1	4	1	8	1	5	1
6	Harsha Asawa	5	1	4	1	8	1	7	1
7	Ashvini Tamgadge	0		4	1	4	1	0	
8	Sheetal Jangale	AB		AB		5	1	5	1
9	Vina Fuley	8	1	8	1	9	1	7	1
10	Indranil Chopde	1		0		0		0	
11	Sushant Parihar	AB		AB		NE		NE	
12	Shubham Khobragade	0		0		8	1	6	1
13	Shubham Nimbalkar	1		0		NE		NE	
14	Achalesh Mishra	3		1		6	1	4	1
15	Swapnil R. Kadwe	2		2		8	1	5	1
16	Anjali Shende	2		0		10	1	10	1
17	Amar Pokle	2		2		5	1	8	1
18	Vaibhav Pakhmode	1		3		NE		NE	
19	Mayuri Belsare	4	1	1		5	1	4	1
20	Tathastu Naranje	4	1	0		2		4	1
21	Badal Armarkar	3		1		9	1	6	1
22	Shriya Lambat	4	1	2		4	1	1	
23	Apurva Thakre	4	1	4	1	3		4	1
24	Yogita Falke	7	1	5	1	6	1	4	1
25	Snehal Ganvir	4	1	3		8	1	6	1
26	Pranay Meshram	2		2		NE		NE	
27	Apurva Giri	3		1		NE		NE	

Total no of students appeared	25		22	
Total no of students scoring target level marks	12	8	19	18
%	48%	32%	86%	82%
Attainment Level of CO (1 (low), 2 (medium), 3 (high))	1	0	3	3
	CO1	CO2	CO3	CO4

Attainment Level Criteria

60% or more Students Scoring ≥ 4	Attainment Level 3
50% or more Students Scoring ≥ 4	Attainment Level 2
40% or more Students Scoring ≥ 4	Attainment Level 1
Less than 40% Students Scoring ≥ 4	Attainment Level 0

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ROLL NO.	Name of Students	Assignment I				Assignment II				
		Que.1	Que.2	Que.3	OVERALL	Que.1	Que.2	Que.3	Que.4	OVERALL
		CO1	CO2	CO3		CO4		CO5	CO6	
1	Poojarthi Gattuwar	A	A	A	A	A	A	A	A	A
2	Ashwini Charpe	A	A	A	A	A	A	A	A	A
3	Akansha Karmarkar	A	A	A	A	A	A	A	A	A
4	Nidhi Upshyam	A	A	A	A	A	A	A	A	A
5	Aishwarya S. Bagde	A	A	A	A	A	A	A	A	A
6	Harsha Asawa	A	A	A	A	A	A	A	A	A
7	Ashvini Tamgadge	A	A	A	A	A	A	A	A	A
8	Sheetal Jangale	A	A	A	A	A	A	A	A	A
9	Vina Fuley	A	A	A	A	A	A	A	A	A
10	Indranil Chopde	C	C	C	C	B	B	B	B	B
11	Sushant Parihar	C	C	C	C	B	B	B	B	B
12	Srujanam Khobragade	A	A	C	B	A	B	B	A	A
13	Shubham Nimbalkar	C	C	C	C	A	B	B	B	B
14	Achalesh Mishra	B	A	A	A	A	A	A	A	A
15	Swapnil R. Kadwe	B	A	A	A	A	A	A	A	A
16	Anjali Shende	B	A	A	A	A	A	A	A	A
17	Amar Pokle	B	B	B	A	B	B	A	A	B
18	Vaibhav Pakhmode	A	A	A	A	B	B	A	A	B
19	Mayuri Belsare	B	A	A	A	A	A	A	A	A
20	Tathastu Naranje	B	B	A	A	A	A	A	A	A
21	Badal Armarkar	A	A	A	A	A	A	A	A	A
22	Shriya Lambat	A	A	A	A	A	A	A	A	A
23	Apurva Thakre	A	A	A	A	A	A	A	A	A
24	Yogita Falke	A	A	A	A	B	B	A	A	A
25	Snehal Ganvir	B	B	B	A	B	B	B	B	A
26	Pranay Meshram	B	B	B	B	A	A	B	B	A
27	Apurva Giri	A	A	A	A	A	A	B	B	A
Total no of students		27	27	27		27	27	27	27	
Total no of students scoring		16	20	20		21	19	20	22	
%		59%	74%	74%		78	70	74	81	
Attainment Level of CO (1 (low), 2 (medium), 3 (high))		2	3	3		3	3	3	3	
		CO1	CO2	CO3		CO4		CO5	CO6	

Attainment Level Criteria

60% or more Students Scoring grade A	Attainment Level 3
50% or more Students Scoring grade A	Attainment Level 2
40% or more Students Scoring grade A	Attainment Level 1
Less than 40% Students Scoring grade A	Attainment Level 0

