



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai
Accredited by NAAC
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering
CIA -I Course Outcome Attainment

Batch 2020-2024
Subject Code EC8702
Subject Name AdHoc Wireless Sensor Networks

Year IV Total No of Students 18
Semester VII

COURSE OUTCOME			CO-1	CO-1	CO-1	CO-2	CO-2	CO-1	CO-2	CO-1	CO-1	CO-2	TOTAL	TOTAL OUT OF 100	CO-1 %	CO-2 %
QUESTION NUMBER			1	2	3	4	5	6	7	8						
MAXIMUM MARKS			2	2	2	2	2	13	13	14						
S. No	Register Number	Student Name	PART - A					PART - B & C			33	17	50			
1	422120106001	AKASH R	2	2	2	2	2	13	13	13	32	17	49	98	97	100
2	422120106002	ANILKUMAR A	2	2	2	2	2	12	13	13	31	17	48	96	94	100
3	422120106003	LEELA G	2	2	2	2	2	12	13	13	31	17	48	96	94	100
4	422120106004	NIVETHA U	2	2	2	2	2	12	13	13.5	31.5	16	48.5	97	96	95
5	422120106005	RAJASRI S	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
7	422120106007	SHEKINAJEBASTINA Y	2	2	2	2	2	13	13	13	32	17	49	98	97	100
8	422120106008	SRIHARI S	2	2	2	2	2	13	13	13	32	17	49	98	97	100
9	422120106009	SRIMATHI K	2	2	2	2	2	12	13	12.5	30.5	17	47.5	95	93	100
10	422120106010	UMAMAGESHWARAN D	2	2	2	2	2	12	12	12	30	16	46	92	91	95
11	422120106011	VANJINATHAN G	2	2	2	2	2	12	13	12.5	30.5	17	47.5	95	93	100
12	422120106012	VASANTHAN V	2	2	2	2	2	12	13	13	31	17	48	96	94	100
13	422120106013	VASANTHAKUMAR M	2	2	2	2	2	12	10	10.5	28.5	14	42.5	85	87	83
14	422120106301	AJITH M	2	1	2	2	2	12	12	12	29	16	45	90	88	95
15	422120106302	AJITHKUMAR V	2	2	2	2	2	12	12	12	30	16	46	92	91	95
16	422120106303	CHANDRU D	2	2	2	2	0	11	11	12	29	13	49	98	88	77
17	422120106304	KAYALVIZHI M	2	2	2	2	2	13	13	13	32	17	49	98	97	100
18	422120106305	LINGESHWARAN R	2	2	2	2	2	13	13	13	32	17	46	92	97	100

PASS	18
FAIL	0
ABSENT	0
PASS %	100

CO ATTAINMENT LEVEL

18	18
CO-1	CO-2
3	3

LEVEL 1	55	% OF STUDENTS	50	% OF MARKS	1
LEVEL 2	60	SCORING	50		2
LEVEL 3	65		50		3

[Signature]
SUBJECT INCHARGE

[Signature]
HoD
ECE Department,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM

[Signature]
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology



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Department of Electronics and Communication Engineering
CIA -II Course Outcome Attainment

Batch 2020-2024
 Subject Code EC8702
 Subject Name AdHoc Wireless Sensor Networks

Year IV Total No of Students 18
 Semester VII

COURSE OUTCOME			CO-3	CO-3	CO-3	CO-4	CO-4	CO-3	CO-4	CO-3	CO-3	CO-4	TOTAL	TOTAL OUT OF 100	CO-3%	CO-4 %
QUESTION NUMBER			1	2	3	4	5	6	7	8						
MAXIMUM MARKS			2	2	2	2	2	13	13	14	33	17	50			
S. No	Register Number	Student Name	PART - A					PART - B & C								
1	422120106001	AKASH R	2	2	2	2	2	13	13	13	32	17	49	98	97	100
2	422120106002	ANILKUMAR A	2	2	2	2	2	13	12.5	12	31	16.5	47.5	95	94	98
3	422120106003	LEELA G	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
4	422120106004	NIVETHA U	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
5	422120106005	RAJASRI S	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
7	422120106007	SHEKINAJEBASTINA Y	2	2	2	2	2	13	13	13	32	17	49	98	97	100
8	422120106008	SRIHARI S	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
9	422120106009	SRIMATHI K	2	2	2	2	2	13	12	12	31	16	47	94	94	95
10	422120106010	UMAMAGESHWARAN D	2	2	2	2	2	11	12	12	29	16	45	90	88	95
11	422120106011	VANJINATHAN G	2	2	2	2	2	13	12.5	12	31	16.5	47.5	95	94	98
12	422120106012	VASANTHAN V	2	2	2	2	2	13	12.5	12	31	16.5	47.5	95	94	98
13	422120106013	VASANTHAKUMAR M	2	2	2	0	2	10	10	12	28	12	40	80	85	71
14	422120106301	AJITH M	2	0	2	0.5	2	12	12	12	28	14.5	42.5	85	85	86
15	422120106302	AJITHKUMAR V	2	2	2	2	2	12	12	10.5	28.5	16	44.5	89	87	95
16	422120106303	CHANDRU D	2	2	2	2	2	13	13	13	32	17	49.5	99	97	100
17	422120106304	KAYALVIZHI M	2	2	2	2	2	13	13	13.5	32.5	17	49.5	99	99	100
18	422120106305	LINGESHWARAN R	2	2	2	2	2	13	13	13.5	32.5	17	44.5	89	99	100

PASS	18
FAIL	0
ABSENT	0
PASS %	100

CO ATTAINMENT LEVEL

18	18
CO-3	CO-4
3	3

LEVEL 1	55	% OF STUDENTS SCORING	50	% OF MARKS	1
LEVEL 2	60		50		2
LEVEL 3	65		50		3

SUBJECT INCHARGE

HOD
ECE Department,
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
 Sivamuthu

PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology



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Department of Electronics and Communication Engineering
 CIA -III Course Outcome Attainment

Batch: 2020-2024 Year: IV
 Subject Code: EC8702 Semester: VII
 Subject Name: AdHoc WSN Total No of Students: 18

COURSE OUTCOME			CO-1	CO-1	CO-2	CO-2	CO-3	CO-3	CO-4	CO-4	CO-5	CO-5	CO-1	CO-2	CO-3	CO-4	CO-5	CO-1	CO-1	CO-2	CO-3	CO-4	CO-5	TOTAL	CO-1	CO-2	CO-3	CO-4	CO-5
QUESTION NUMBER			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	CO-1	CO-2	CO-3	CO-4	CO-5	TOTAL	CO-1	CO-2	CO-3	CO-4	CO-5
MAXIMUM MARKS			2	2	2	2	2	2	2	2	2	2	a/b	a/b	a/b	a/b	a/b	a/b	32	17	17	17	17	100	1 %	2 %	3 %	4 %	5 %
S. No	Register Number	Student Name	PART - A										PART - B & C																
1	422120106001	AKASH R	2	2	2	2	2	2	2	2	2	2	13	13	12	11	12	14	31	17	16	15	16	95	97	100	95	89	95
2	422120106002	ANILKUMAR A	2	2	2	2	2	2	2	2	2	2	13	10	12	12	12	13	30	14	16	16	16	92	94	83	95	95	95
3	422120106003	LEELA G	2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	13	30	17	17	17	17	98	94	100	100	100	100
4	422120106004	NIVETHA U	2	2	2	2	2	2	2	2	2	2	13	13	13	13	12	13	30	17	17	17	16	98	94	100	100	100	95
5	422120106005	RAJASRI S	2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	13	30	17	17	17	17	98	94	100	100	100	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	13	30	17	17	17	17	98	94	100	100	100	100
7	422120106007	SHEKINAJEBASTINA Y	2	2	1	2	2	2	2	2	2	2	13	13	13	13	13	13	30	16	17	17	17	98	94	95	100	100	100
8	422120106008	SRIHARI S	2	2	2	2	2	2	2	2	2	2	13	13	13	12	12	13	30	17	17	16	16	96	94	100	100	95	95
9	422120106009	SRIMATHI K	2	2	2	2	2	2	2	2	2	2	13	13	13	13	11	12	29	17	17	17	15	95	91	100	100	100	89
10	422120106010	UMAMAGESHWARAN D	2	2	2	2	2	2	2	2	2	2	11	12	12	12	12	13	28	16	16	16	16	92	88	95	95	95	95
11	422120106011	VANJINATHAN G	2	2	2	2	2	2	2	2	1	0	13	13	13	13	13	13	30	17	17	17	14	95	94	100	100	100	83
12	422120106012	VASANTHAN V	2	2	2	2	2	2	2	2	1	0	13	13	13	13	13	13	30	17	17	17	14	95	94	100	100	100	83
13	422120106013	VASANTHAKUMAR M	2	2	2	2	2	2	2	2	2	2	10	11	12	12	12	12	26	15	16	16	16	90	82	89	95	95	95
14	422120106301	AJITH M	2	2	2	2	2	2	2	2	2	2	12	12	12	12	11	11	27	16	16	16	15	90	85	95	95	95	89
15	422120106302	AJITHKUMAR V	2	2	2	2	2	2	2	2	2	2	13	13	12	12	12	12	29	17	16	16	16	90	91	100	95	95	95
16	422120106303	CHANDRU D	2	2	2	2	2	2	2	2	1	0	13	13	13	13	13	13	30	17	17	17	14	95	94	100	100	100	83
17	422120106304	KAYALVIZHI M	2	2	2	2	2	2	2	2	1	2	13	13	13	13	13	13	30	17	17	17	16	97	94	100	100	100	95
18	422120106305	LINGESHWARAN R	2	2	2	2	2	2	2	2	2	2	11	11	11	12	12	13	28	15	15	16	16	90	88	89	89	95	95

18	18	18	18	18
CO-1	CO-2	CO-3	CO-4	CO-5
3	3	3	3	3

CO ATTAINMENT LEVEL

PASS	18
FAIL	0
ABSENT	0
PASS %	100

LEVEL 1	55	% OF STUDENTS SCORING	50	% OF MARKS	1
LEVEL 2	60		50		2
LEVEL 3	65		50		3

D. K. Luni
 SUBJECT INCHARGE

St. Anne's
 HOD

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
 Panruti - 607 106

Dr. R. Arokia Dass
 PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering
ASSIGNMENT MARKS

Batch 2020--2024 Year- IV
Subject Code EC8702 Semester VII
Subject Name ADHOC WSN

			TOTAL NO OF STUDENTS		
COURSE OUTCOME			CO - 1	CO - 2	CO - 3
MAXIMUM MARKS			50	50	50
S. No	Register Number	Student Name	ASSIGNMENT 1	ASSIGNMENT 2	ASSIGNMENT 3
1	422120106001	AKASH R	50	50	50
2	422120106002	ANILKUMAR A	50	50	50
3	422120106003	LEELA G	50	50	50
4	422120106004	NIVETHA U	50	50	50
5	422120106005	RAJASRI S	50	50	50
6	422120106006	SHANMUGAPRIYA N	50	50	50
7	422120106007	SHEKINAJEBASTINA Y	50	50	50
8	422120106008	SRIHARI S	50	50	50
9	422120106009	SRIMATHI K	50	50	50
10	422120106010	UMAMAGESHWARAN D	50	50	50
11	422120106011	VANJINATHAN G	50	50	50
12	422120106012	VASANTHAN V	50	50	50
13	422120106013	VASANTHAKUMAR M	50	50	50
14	422120106301	AJITH M	50	50	50
15	422120106302	AJITHKUMAR V	50	50	50
16	422120106303	CHANDRU D	50	50	50
17	422120106304	KAYALVIZHI M	50	50	50
18	422120106305	LINGESHWARAN R	50	50	50
CO ATTAINMENT LEVEL			CO - 1	CO - 2	CO - 3
			3	3	3

LEVEL	MARKS	% OF STUDENTS SCORING	% OF MARKS
LEVEL 1	55	50	1
LEVEL 2	60	50	2
LEVEL 3	65	50	3


SUBJECT INCHARGE


HoD
ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Sivuvathur-Post, Panruti-T.k
Cuddalore-Dist. 607 110


PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
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ANGUCHETTIPALAYAM,
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Cuddalore-Dist., Pin. 607 110.



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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering

University Result Course Outcome Attainment

Batch	2020-2024	Year	IV
Subject Code	EC8702	Semester	VII
Subject Name	ADHOC WSN	No. of Students	18

S. No	Register Number	Student Name	GRADE	MARK
1	422120106001	AKASH R	B+	70
2	422120106002	ANILKUMAR A	B	60
3	422120106003	LEELA G	A	80
4	422120106004	NIVETHA U	A	80
5	422120106005	RAJASRI S	A	80
6	422120106006	SHANMUGAPRIYA N	A+	90
7	422120106007	SHEKINAJEBASTINA Y	A	80
8	422120106008	SRIHARI S	A+	90
9	422120106009	SRIMATHI K	A	80
10	422120106010	UMAMAGESHWARAN D	U	0
11	422120106011	VANJINATHAN G	U	0
12	422120106012	VASANTHAN V	U	0
13	422120106013	VASANTHAKUMAR M	UA	0
14	422120106301	AJITH M	U	0
15	422120106302	AJITHKUMAR V	B+	70
16	422120106303	CHANDRU D	B	60
17	422120106304	KAYALVIZHI M	B+	70
18	422120106305	LINGESHWARAN R	UA	0
				12
				67

LEVEL	MARKS	% OF STUDENTS SCORING	MARKS	LEVEL
LEVEL 1	55-60		50	1
LEVEL 2	61-65		50	2
LEVEL 3	65-100		50	3
				3

POINT	GRADE
50 - 55	C
56 - 60	B
61 - 70	B+
71 - 80	A
81 - 90	A+
91 - 100	O

PASS	12
FAIL	4
ABSENT	2
PASS %	75


SUBJECT INCHARGE


HoD
ECE Department.


PRINCIPAL

St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-T. &
Cuddalore-Dist. 607 106

Dr. R. AROKIADASS, M.E., Ph.D.
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ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T. &),
Cuddalore-(Dist), Pin: 607 106



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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering
CO - PO - PSO ATTAINMENT

Batch 2020-2024
Subject Code EC8702
Subject Name ADHOC WSN

Year IV
Semester VII


CO	CIA 1	CIA 2	CIA 3	Asgnt 1	Asgnt 2	Asgnt 3	Internal	University
CO - 1	3		3	3			3	3
CO - 2	3		3		3		3	3
CO - 3		3	3			3	3	3
CO - 4		3	3				3	3
CO - 5			3				3	3
CO ATTAINMENT							3	3
WEIGHTAGE %							20	80
DIRECT TOTAL ATTAINMENT							0.6	2.4
FINAL DIRECT COURSE ATTAINMENT							3	

CO-PO-PSO Attainment

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO12	PSO1	PSO2	PSO3
CO - 1	3	2	2	3	2	3					3	3
CO - 2	3	3	2	3	2	2					3	2
CO - 3	3	3	3	3	3	2					2	3
CO - 4	2	3	2	2	3	2					3	3
CO - 5	2	3	3	3	3	3					2	3
CO - 6	3	3	2	2	3	2					3	3
AVERAGE	2.6667	2.833333	2.3333	2.6667	2.6667	2.333333					2.6667	2.8333
PO- PSO ATTAINMENT	2.6667	2.833333	2.3333	2.6667	2.6667	2.333333					2.6667	2.8333


SUBJECT INCHARGE


HoD
ECE Department,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Panruti Taluk, Cuddalore District


PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM
Siruvathur-(Post), Panruti Taluk,
Cuddalore-(Dist), Pin. 607 106



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ANGUCHETTPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering
Model Practical Exam Course Outcome Attainment

Batch 2020-2024

Year

IV

Subject Code EC8711

Semester

VII

Subject Name EMBEDDED LABORATORY

Total No of Students

18

COURSE OUTCOME			CO-1	CO-2	CO-3	CO-4	CO-5	TOTAL					
MAXIMUM MARKS			100	100	100	100	100	100	CO -1 %	CO -2 %	CO -3 %	CO-4%	CO-5%
S. No	Register Number	Student Name						100					
1	422120106001	AKASH R			95			95			95		
2	422120106002	ANILKUMAR A		93				93		93			
3	422120106003	LEELA G				94		94				94	
4	422120106004	NIVETHA U					94	94					94
5	422120106005	RAJASRI S	99					99	99				
6	422120106006	SHANMUGAPRIYA N		96				96		96			
7	422120106007	SHEKINA JEBASTINA Y				93		93				93	
8	422120106008	SRIHARI S					99	99					99
9	422120106009	SRIMATHI K			93			93			93		
10	422120106010	UMAMAGESHWARAN D	94					94	94				
11	422120106011	VANJINATHAN G		96				96		96			
12	422120106012	VASANTHAN V					93	93					93
13	422120106013	VASANTHAKUMAR M				81		81				81	
14	422120106301	AJITH M			91			91			91		
15	422120106302	AJITHKUMAR V	92					92	92				
16	422120106303	CHANDRU D				99		99				99	
17	422120106304	KAYALVIZHI M			98			98			98		
18	422120106305	LINGESHWARAN R					81	81					81
									95	95	94.25	93	91.75
									CO-1	CO-2	CO-3	CO-4	CO-5
									3	3	3	3	3

PASS		18
FAIL		0
ABSENT		0
PASS %		100

LEVEL 1	50			50	% OF MARKS	1
LEVEL 2	55			50		2
LEVEL 3	60			50		3


SUBJECT-IN-CHARGE


HOD


PRINCIPAL

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti Taluk,
Cuddalore-Dist. 607 106

Dr.R.AROKIADASS, M.E., Ph.D.,
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St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(Taluk),
Cuddalore-(Dist), Pin: 607 106.



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Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106

Department of Electronics and Communication Engineering

CO - PO - PSO ATTAINMENT

Batch
Subject Code
Subject Name

2020-2024
EC8711
EMBEDDED LABORATORY

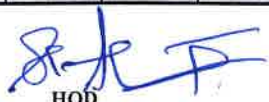
YEAR:IV
SEM:VII


CO	CIA 1	CIA 2	CIA 3	Asgnt 1	Asgnt 2	Asgnt 3	Internal	University
CO - 1							3	3
CO - 2							3	3
CO - 3							3	3
CO - 4							3	3
CO - 5							3	3
CO ATTAINMENT							3	3
WEIGHTAGE %							20	80
DIRECT TOTAL ATTAINMENT							0.6	2.4
FINAL DIRECT COURSE ATTAINMENT							3	

CO-PO-PSO Attainment

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO - 1	3	3	1	0	0	0	0	0	0	0	2	3	3	3	3
CO - 2	3	3	3	2	1	1	0	0	0	0	2	3	3	2	3
CO - 3	3	3	3	3	0	2	0	0	0	0	2	3	3	2	3
CO - 4	3	3	3	3	3	3	0	0	0	0	2	3	3	2	3
CO - 5	3	3	3	0	0	0	0	0	0	0	3	3	3	3	3
AVERAGE	3	3	2.6	1.6	2	1.2	0	0	0	0	2.2	3	3	2.4	3
PO- PSO ATTAIN MENT	3	3	2.6	1.6	2	1.2	0	0	0	0	2.2	3	3	2.4	3


SUBJECT IN-CHARGE


HOD
ECE Department
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.k
Cuddalore-Dist. 607 110.


PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



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 ANGUCHETTPALAYAM, PANRUTI – 607 106

Department of Electronics and Communication Engineering
CIA -I Course Outcome Attainment

Batch 2020-2024
 Subject Code EC8701
 Subject Name Antennas and Microwave Engineering

Year IV Total No of Students : 18
 Semester VII

COURSE OUTCOME			CO-1	CO-1	CO-1	CO-2	CO-2	CO-1	CO-2	CO-1	CO-1	CO-2	TOTAL	TOTAL OUT OF 100	CO-1 %	CO-2 %
QUESTION NUMBER			1	2	3	4	5	6	7	8						
MAXIMUM MARKS			2	2	2	2	2	13	13	14	33	17	50			
S. No	Register Number	Student Name	PART - A					PART - B & C								
1	422120106001	AKASH R	2	1.5	2	2	2	13	13	12	30.5	17	47.5	95	92	100
2	422120106002	ANILKUMAR A	2	1	2	1.5	2	11	11	12	28	14.5	42.5	85	85	85
3	422120106003	LEELA G	2	1	2	2	2	13	11	12	30	15	45	90	91	88
4	422120106004	NIVETHA U	2	2	2	2	2	9.5	13	14	29.5	17	46.5	93	89	100
5	422120106005	RAJASRI S	2	2	2	2	2	13	13	14	33	17	50	100	100	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	10.5	13	14	30.5	17	47.5	95	92	100
7	422120106007	SHEKINA JEBASTINA Y	2	2	1.5	1.5	2	12	12	13	30.5	15.5	46	92	92	91
8	422120106008	SRIHARI S	2	1	2	1	2	12	12	13	30	15	45	90	91	88
9	422120106009	SRIMATHI K	2	2	2	1.5	2	13	13	12	31	16.5	47.5	95	94	97
10	422120106010	UMAMAGESHWARAN D	2	2	1.5	2	2	12	11	10	27.5	15	42.5	85	83	88
11	422120106011	VANJINATHAN G	2	1	2	1.5	2	10	12	12	27	15.5	42.5	85	82	91
12	422120106012	VASANTHAN V	2	1	1.5	1	2	12	11	12	28.5	14	42.5	85	86	82
13	422120106013	VASANTHAKUMAR M	2	1	2	2	2	10	11	10	25	15	40	80	76	88
14	422120106301	AJITH M	1.5	1	2	2	2	12	12	10	26.5	16	42.5	85	80	94
15	422120106302	AJITHKUMAR V	1	1	1	2	1.5	11	12	13	27	15.5	42.5	85	82	91
16	422120106303	CHANDRU D	1	1	2	2	1	13	12	13	30	15	45	90	91	88
17	422120106304	KAYALVIZHI M	1.5	2	2	2	2	12	12	13	30.5	16	46.5	93	92	94
18	422120106305	LINGESHWARAN R	1	1	1.5	2	1	12	11	13	28.5	14	42.5	85	86	82

PASS	18
FAIL	0
ABSENT	0
PASS %	100

CO ATTAINMENT LEVEL

18	18
CO-1	CO-2
3	3

LEVEL 1	55	% OF STUDENTS	50	% OF MARKS	1
LEVEL 2	60	SCORING	50		2
LEVEL 3	65		50		3

S. Durg
 SUBJECT IN-CHARGE

[Signature]
 HoD
 St. Anne's College of Engineering & Technology
 ANGUCHETTIPALAYAM,
 Siruvathur-Post, Panruti
 Cuddalore-Dist. 607 106

[Signature]
 PRINCIPAL
 Dr. R. AROKIADASS, M.E., Ph.D.,
 Principal,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTIPALAYAM



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ANGUCHETTYPALAYAM, PANRUTI - 607 106

Department of Electronics and Communication Engineering

CIA -II Course Outcome Attainment

Batch 2020-2024

Subject Code EC8701

Subject Name Antennas and Microwave Engineering

Year IV
Semester VII

Total No of Students : 18

COURSE OUTCOME			CO-3	CO-3	CO-3	CO-4	CO-4	CO-3	CO-4	CO-3	CO-3	CO-4	TOTAL	TOTAL OUT OF 100	CO-3 %	CO-4 %
QUESTION NUMBER			1	2	3	4	5	6	7	8						
MAXIMUM MARKS			2	2	2	2	2	a/b	a/b	a/b						
S. No	Register Number	Student Name	PART - A					PART - B & C			33	17	50			
1	422120106001	AKASH R	2	2	1.5	2	2	12	12	12	29.5	16	45.5	91	89	94
2	422120106002	ANILKUMAR A	2	2	2	2	2	12	12	11	29	16	45	90	88	94
3	422120106003	LEELA G	2	2	1.5	2	2	12	12	12	29.5	16	45.5	91	89	94
4	422120106004	NIVETHA U	1.5	2	2	2	2	13	13	12	30.5	17	47.5	95	92	100
5	422120106005	RAJASRI S	2	2	2	2	2	12	13	14	32	17	49	98	97	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	12	12	12	30	16	46	92	91	94
7	422120106007	SHEKINA JEBASTINA Y	2	2	2	1	0	13	12	14	33	13	46	92	100	76
8	422120106008	SRIHARI S	2	2	2	2	1	12.5	13	14	32.5	16	48.5	97	98	94
9	422120106009	SRIMATHI K	2	1	2	2	1	12	11	10	27	14	41	82	82	82
10	422120106010	UMAMAGESHWARAN D	2	1.5	2	2	2	12	10	11	28.5	14	42.5	85	86	82
11	422120106011	VANJINATHAN G	2	1	1	2	2	12	12	12	28	16	44	88	85	94
12	422120106012	VASANTHAN V	2	2	2	2	2	11	12	12	29	16	45	90	88	94
13	422120106013	VASANTHAKUMAR M	2	2	2	1.5	2	11	9	8	25	12.5	37.5	75	76	74
14	422120106301	AJITH M	2	1	2	2	2	10	10	11	26	14	40	80	79	82
15	422120106302	AJITHKUMAR V	2	1	1	1.5	1	11	12	12	27	14.5	41.5	83	82	85
16	422120106303	CHANDRU D	2	1.5	2	2	2	12	13	12	29.5	17	46.5	93	89	100
17	422120106304	KAYALVIZHI M	2	1.5	2	2	2	12	12	12	29.5	16	45.5	91	89	94
18	422120106305	LINGESHWARAN R	1.5	1	2	2	2	11	11	12	27.5	15	42.5	85	83	88

PASS	18
FAIL	0
ABSENT	0
PASS %	100

CO ATTAINMENT LEVEL

18	18
CO-3	CO-4
3	3

LEVEL 1	50	% OF STUDENTS SCORING	50	% OF MARKS	1
LEVEL 2	55		50		2
LEVEL 3	60		50		3

S. D. Manoj
SUBJECT IN-CHARGE

[Signature]
HoD

[Signature]
PRINCIPAL

ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.
Cuddalore-Dist. 607 106

Cuddalore-(Dist), Pin: 607 110.
Siruvathur-(Post), Panruti-(T.k.),
ANGUCHETTIPALAYAM,
St. Anne's College of Engineering & Technology,
Principal,
M. ANANDARAJU, M.E., Ph.D.



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ANGUCHETTYPALAYAM, PANRUTI – 607 106

Department of Electronics and Communication Engineering

CIA -III Course Outcome Attainment

Batch 2020-2024
Subject Code EC8701
Subject Name Antennas and Microwave Engineering

Year IV
Semester VII

Total No of Students 18

COURSE OUTCOME			CO-1	CO-1	CO-2	CO-2	CO-3	CO-3	CO-4	CO-4	CO-5	CO-5	CO-1	CO-2	CO-3	CO-4	CO-5	CO-1	CO-1	CO-2	CO3	CO-4	CO-5	TOTAL	CO-1	CO-2	CO-3	CO-4	CO-5
QUESTION NUMBER			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	CO-1	CO-2	CO3	CO-4	CO-5	TOTAL	CO-1	CO-2	CO-3	CO-4	CO-5
MAXIMUM MARKS			2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	15	32	17	17	17	17	100	%	%	%	%	%
S. No	Register Number	Student Name	PART - A										PART - B & C																
1	422120106001	AKASH R	1	2	2	2	2	2	2	2	2	2	13	13	13	13	13	14	30	17	17	17	17	98	94	100	100	100	100
2	422120106002	ANILKUMAR A	2	2	1	2	2	2	2	2	2	2	12	12	12	11	12	12	28	15	16	15	16	90	88	88	94	88	94
3	422120106003	LEELA G	2	2	2	2	2	2	2	2	2	2	12	12	13	12	13	14	30	16	17	16	17	96	94	94	100	94	100
4	422120106004	NIVETHA U	2	2	2	2	2	2	2	2	2	2	13	13	13	13	12	14	31	17	17	17	17	98	97	100	100	100	94
5	422120106005	RAJASRI S	2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	14	31	17	17	17	17	99	97	100	100	100	100
6	422120106006	SHANMUGAPRIYA N	2	2	2	2	2	2	2	2	2	2	8	13	13	13	13	15	27	17	17	17	17	95	84	100	100	100	100
7	422120106007	SHEKINA JEBASTINA Y	2	2	2	2	2	2	2	2	2	2	13	13	12	12	13	13	30	17	16	16	16	96	94	100	94	94	100
8	422120106008	SRIHARI S	2	2	2	2	2	2	2	2	2	2	13	13	13	13	13	13	30	17	17	17	17	98	94	100	100	100	100
9	422120106009	SRIMATHI K	2	2	2	2	2	2	2	2	2	2	12	12	12	12	12	12	28	16	16	16	16	92	88	94	94	94	94
10	422120106010	UMAMAGESHWARAN D	2	2	2	2	2	2	2	2	2	2	13	13	13	13	11	10	27	17	17	17	17	93	84	100	100	100	88
11	422120106011	VANJINATHAN G	2	2	2	2	2	2	2	2	2	2	12	13	13	13	9	15	31	17	17	17	17	95	97	100	100	100	76
12	422120106012	VASANTHAN V	2	2	2	2	2	2	2	2	2	2	10	12	12	13	11	12	26	16	16	17	15	90	81	94	94	100	88
13	422120106013	VASANTHAKUMAR M	2	2	2	0	0	2	2	2	2	0	12	12	11	12	12	12	28	14	13	16	14	85	88	82	76	94	82
14	422120106301	AJITH M	2	2	2	2	2	2	2	2	2	2	10	10	10	12	12	12	26	14	14	16	16	86	81	82	82	94	94
15	422120106302	AJITHKUMAR V	2	2	2	2	2	2	2	2	2	2	12	12	10	10	12	12	28	16	14	14	16	88	88	94	82	82	94
16	422120106303	CHANDRUD	2	2	2	2	2	2	2	2	2	2	12	13	13	13	13	14	30	17	17	17	17	98	94	100	100	100	100
17	422120106304	KAYALVIZHIM	2	2	2	2	2	2	2	2	2	2	13	13	13	12	13	14	31	17	17	16	17	98	97	100	100	94	100
18	422120106305	LINGESHWARAN R	2	2	2	2	2	2	2	2	2	2	11	10	11	10	11	12	27	14	15	14	15	85	84	82	88	82	88

PASS	18
FAIL	0
ABSENT	0
PASS %	100

CO ATTAINMENT LEVEL

CO-1	CO-2	CO3	CO-4	CO-5
3	3	3	3	3

LEVEL 1	50	% OF STUDENTS SCORING	50	% OF MARKS	1
LEVEL 2	55		50		2
LEVEL 3	60		50		3

S. D. S.
SUBJECT IN-CHARGE

S. K. P.
HoD

R. Aravindhan
PRINCIPAL

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM
Siruvathur-Post, Panruti - 607 110
Cuddalore-Dist. 607 110

Dr. R. AROKIADASS, M.E., Ph.D.,
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ANGUCHETTPALAYAM, PANRUTI - 607 106

Department of Electronics and Communication Engineering
ASSIGNMENT MARKS

Batch 2020-2024 Year IV
Subject Code EC8701 Semester VII
Subject Name Antennas and Microwave Engineering

				TOTAL NO OF STUDENTS		
COURSE OUTCOME				CO - 1	CO - 3	CO - 4
MAXIMUM MARKS				50	50	50
S. No	Register Number	Student Name	ASSIGNMENT 1	ASSIGNMENT 2	ASSIGNMENT 3	
1	422120106001	AKASH R	48	49	50	
2	422120106002	ANILKUMAR A	50	49	48	
3	422120106003	LEELA G	50	49	50	
4	422120106004	NIVETHA U	50	50	49	
5	422120106005	RAJASRI S	50	50	50	
6	422120106006	SHANMUGAPRIYA N	49	50	50	
7	422120106007	SHEKINA JEBASTINA Y	50	50	50	
8	422120106008	SRIHARI S	50	50	50	
9	422120106009	SRIMATHI K	50	48	50	
10	422120106010	UMAMAGESWARAN D	49	50	48	
11	422120106011	VANJINATHAN G	48	49	50	
12	422120106012	VASANTHAN V	48	47	50	
13	422120106013	VASANTHAKUMAR M	49	49	50	
14	422120106301	AJITH M	47	48	49	
15	422120106302	AJITHKUMAR V	50	50	48	
16	422120106303	CHANDRU D	49	50	50	
17	422120106304	KAYALVIZHI M	50	49	50	
18	422120106305	LINGESHWARAN R	48	47	50	
			18	18	18	
			CO - 1	CO - 3	CO - 4	
CO ATTAINMENT LEVEL			3	3	3	

LEVEL	MARKS	% OF STUDENTS SCORING	% OF MARKS
LEVEL 1	50		1
LEVEL 2	60		2
LEVEL 3	65		3

S. Durg
SUBJECT IN-CHARGE

S. K. J.
HoD

R. Aradiass
PRINCIPAL

ECG Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-Post, Panruti-T.N.
Cuddalore - 607 106

Dr. R. AROKIADASS, M.E., Ph.D.,
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Siruvathur-(Post), Panruti-(T.N.),
Cuddalore-(Dist), Pin: 607 106



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ANGUCHETTPALAYAM, PANRUTI – 607 106

Department of Electronics and Communication Engineering

CO - PO - PSO ATTAINMENT

YEAR:IV

SEM:VII

Batch
Subject Code
Subject Name

2020-2024
EC8701
Antennas and Microwave Engineering

CO	CIA 1	CIA 2	CIA 3	Asgnt 1	Asgnt 2	Asgnt 3	Internal	University
CO - 1	3		3	3			3	1
CO - 2	3		3				3	1
CO - 3		3	3		3		3	1
CO - 4		3	3			3	3	1
CO - 5			3				3	1
CO ATTAINMENT							3	1
WEIGHTAGE %							20	80
DIRECT TOTAL ATTAINMENT							0.6	0.8
FINAL DIRECT COURSE ATTAINMENT							1.4	

CO-PO-PSO Attainment

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO - 1	3	2	3	3	1	1	0	0	0	0	1	3	3	3	2
CO - 2	3	2	3	3	1	1	0	0	0	0	1	3	3	3	2
CO - 3	3	2	3	3	1	1	0	0	0	0	1	3	3	3	2
CO - 4	3	2	3	3	1	1	0	0	0	0	1	3	3	3	2
CO - 5	3	2	3	3	1	1	0	0	0	0	1	3	3	3	2
AVERAGE	3	2	3	3	2	1	0	0	0	0	1	3	3	3	2
PO- PSO ATTAINMENT	1.4	0.933333	1.4	1.4	0.933333	0.466667	0	0	0	0	0.46666667	1.4	1.4	1.4	0.933333

S. Durug
SUBJECT IN-CHARGE

S. H. D.
HOD

R. Arakiadass
PRINCIPAL

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTPALAYAM.
Siruvathur-Post, Panruti-1.
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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Department of Electronics and Communication Engineering
CO - PO - PSO ATTAINMENT

Subject wise CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
SEMESTER - I															
HS8151	0	0	0	0	0	0	0	2	1	2	0	3	0	0	0
MA8151	2	3	1	2	0	0	0	0	0	0	2	2	0	0	0
PH8151	0.93	1.4	0.47	0.93	0	0	0	0	0	0	0.47	0.47	0	0	0
CY8151	2	3	1	2	0	0	0	0	0	0	1	2	0	0	0
GE8151	2.17	1.33	1.17	0	0	0	0	0	0	0	0	0	1.67	2	1
GE8152	3	1	2	2	2	0	0	0	0	3	0	2	2	2	1
GE8161	2.2	1.2	1.2	0	1	0	0	1	1	1.8	0	0	2	0	0
BS8161	3	3	3	0	0	0	0	3	3	3	0	0	0	0	0
SEMESTER - II															
HS8251	0	0	0	0	0	2.2	2	1	2.2	2	1	3	0	0	0
MA8251	2	3	1	2	0	0	0	0	2	0	2	2	0	0	0
PH8253	2	1	2	1.4	0	0	0	0	0	0	1	1	0	0	0
BE8254	1.8	1.6	1.8	2	1.4	2	0	0	0	0	1	1.6	2.2	2.2	1.2
EC8251	2	1	1	1	1	1	0	0	0	0	1	1	1.2	1.4	2
EC8252	2	1	1	1	1	1	0	0	0	0	1	1	1.2	1.4	2
EC8261	1.8	1.4	1	1	1	0	0	0	0	0	1.67	1	1.2	1.4	2
GE8261	2	1	2	0	0	0	0	0	0	0	2	1	0	1	0
SEMESTER - III															
MA8352	2.6	2.6	2	3	2.6	0	0	0	0	0	3	2.6	1.2	0	0
EC8393	3	2	2	2	2	1	0	0	0	0	1	1	1	2	2
EC8351	2	2	2	2	2	2	0	0	0	0	1.2	2	2.4	1.4	1.6
EC8352	2.2	3	2.2	2.2	2	2.8	0	0	0	0	2.4	2.6	1.8	1.8	2
EC8392	2.6	2.2	2.4	1.6	2	2.4	0	0	0	0	1.8	3	1.8	1.8	2
EC8391	2.8	2.6	3	2.6	2	2.4	0	0	0	0	2	2.6	2.8	2.6	3
EC8381	2	2	2	2	1	1	0	0	0	1	1	1	1	2	2
EC8361	2	2	3	1	2	0	0	0	0	0	0	0	3	1	1
HS8381	0	0	0	0	0	3	0	3	3	2	3	3	0	0	0

SEMESTER - IV																
MA8451	0.6	0.52	0.4	0.6	0.52	0	0	0	0	0	0.6	0.52	0.28	0	0	
EC8452	0.56	0.6	0.6	0.6	0.6	0.6	0	0	0	0	0.2	0.4	0.2	0.4	0.4	
EC8491	0.6	0.56	0.6	0.44	0.24	0.6	0	0	0	0	0.6	0.52	0.36	0.36	0.4	
EC8451	2	1.8	3	2	2	2	0	0	0	0	1.2	1.8	1.8	2	2	
EC8453	0.6	0.4	0.6	0.6	0.6	0.6	0	0	0	0	0.6	0.6	0.6	0.6	0.4	
GE8291	1.4	1.4	0	1.4	0	1.4	1.4	1.4	0	0	0.93	0.93	0	0	0	
EC8461	2	2	2	2	1	1	0	0	0	0	2	1	3	2	0	
EC8462	3	2	3	3	3	3	0	0	0	0	3	3	3	3	2	
SEMESTER - V																
EC8501	1.4	0.93	0.65	0.75	0.75	0.75	0	0	0	0	0.84	0.47	0.47	0.58	0.47	
EC8553	1.4	0.65	0.75	0.65	0.65	0.47	0	0	0	0	0.75	0.93	0.7	0.47	0.47	
EC8552	0.44	0.36	0.36	0.24	0.2	0.32	0	0	0	0	0.2	0.24	0.32	0.25	0.2	
EC8551	0.52	0.36	0.44	0.24	0.44	0.2	0	0	0	0	0	0.24	0.32	0.25	0.2	
EC8073	2	1.6	2	1.8	1.6	0	0	0	0	0	1	1.2	0	1	1	
OCE551	3	2	2.67	1.8	1	1	0	0	0	0	0	0	0	0	0	
EC8562	3	3	3	3	2	2	0	0	0	0	2	2	2	2	2	
EC8561	3	2	3	3	3	3	0	0	0	0	3	3	3	3	2	
EC8563	2	2	2	1	3	0	0	0	0	0	0	0	2	1	1	
SEMESTER - VI																
EC8691	1.4	1.4	1.4	0.93	1.4	1.4	0	0	0.46	0	1.4	0.93	1.12	0.43	0.46	
EC8095	0.6	0.6	0.6	0.4	0.6	0.6	0	0	0.2	0	0.24	0.24	0.48	0.2	0.12	
EC8652	3	3	3	1.8	2	2.2	1.8	0.8	1	0.8	0.2	0	2.2	0.8	0.2	
MG8591	0	0	0	0	0	3	3	3	0	3	3	2	0	0	0	
EC8651	0.6	0.6	0.6	0.36	0.4	0.44	0.36	0.16	0.2	0.16	0.04	0	0.44	0.16	0.04	
EC8681	3	3	3	3	3	3	0	0	0	0	3	3	3	2	3	
EC8661	3	3	3	3	3	3	0	0	0	0	3	3	3	2	2	
HS8581	0	0	0	0	0	3	0	0	0	3	0	2.75	0	0	0	
SEMESTER - VII																
EC8701	1.4	0.93	0.4	1.4	0.93	0.46	0	0	0	0	0.46	1.4	1.4	1.4	0.93	
EC8751	2	2	2	2	0	3	0	0	0	0	0	0	0	0	0	
EC8791	2.6	2.4	2.2	1.8	1.4	1.2	0	0	0	0	1.6	1	1	3	2	
EC8702	2.6	2.8	2.3	2.6	2.6	2.3	0	0	0	0	0	0	0	2.6	2.8	
CS8082	0.6	2.8	1.6	1.2	1.4	0	0.6	1	1.6	1	1.2	2	0.8	1	1	
OBM752	0	0	0	0	0	0	3	3	3	3	2	2	0	2	1	
EC8711	3	3	2.6	1.6	2	1.2	0	0	0	0	2.2	3	3	2.4	3	
EC8761	3	3	3	2	1	2	0	0	0	0	1	3	3	1	2	

SEMESTER - VIII															
GE8076	0	0	0	0	0	3	2.8	3	2.2	1.2	0	2.6	0	0	0
EC8094	3	2.6	2.6	2.6	2	2.6	1	1	0	1	0	1	3	3	3
DIRECT ATTAINMENT	1.76	1.6	1.53	1.33	1.09	1.17	0.27	0.39	0.35	0.47	1.1	1.4	1.12	1.06	0.94
INDIRECT ATTAINMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
OVERALL PO ATTAINMENT	2.01	1.88	1.83	1.67	1.48	1.54	0.82	0.92	0.88	0.98	1.48	1.72	1.5	1.45	1.36


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