



SASURIE COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, Tirupur 638056

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION - 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

SASURIE COLLEGE OF ENGINEERING



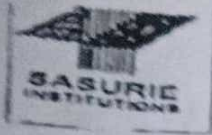
Criterion 1	Curricular Aspects	100
-------------	--------------------	-----

1.1 Curricular Planning and Implementation (20)

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Table of Contents

S.No	Description
1	Contents - Course File
2	Class Time Table
3	Students Name List
4	Subject Information Record
5	Syllabus
6	Lesson Plan
7	Test Plan for Subject
8	Result Analysis of Test
9	Corrective Action
10	Quality Objective Monitoring Record
11	Test Question Paper
12	Test Answer Sheet
13	Assignment Question Paper
14	Assignment Answer Sheet



Department : ECE
Subject Code & Name : EC6651 - Transmission Lines & PF Systems
Class & Batch : TI - 2019-2023
Semester : 06

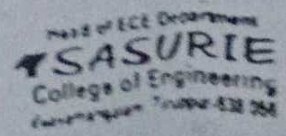
CONTENTS - COURSE FILE
PARTICULARS

REMARKS

S NO	PARTICULARS	REMARKS
1	Time Table	
2	Student name list	
3	Subject Information Record	
4	Syllabus	
5	Lesson Plan	
6	Test Plan for the Subject	
7	Result Analysis	
8	Corrective Action Report	
9	Quality objective monitoring record	
10	Internal test mark sheet(Consolidated)	
11	Internal test question paper	
12	Model question paper	
13	Sample Answer paper for all test(Min)	
14	Content beyond the syllabus	
15	Tutorial Class - schedule and content	Soft copy
16	Assignment - schedule and paper	
17	PPT - handout	Soft copy
18	Video - Animation - Soft copy	Soft copy
19	Question bank	Soft copy
20	Sample university question papers/min & QP-recent exam	Soft copy
21	Personal Log book - Updated	
22	Lecture Note	Soft copy
23	Special Class if any. Approval letter. Schedule content covered	Soft copy

Prepared By
 Name: N. Siva
 Faculty

Approved By
 Name: M. T. Namickam
 Head of ECE Department



Dr. M. VIJAYAKUMAR M.E., Ph.D.
PRINCIPAL

SASURIE COLLEGE OF ENGINEERING



Faculty Name: Mr. M.GOKULNATH
Department: ECE
Class: I B.YEAR

CLASS TIME TABLE Academic Year 2017-18 (I B.YEAR)

HOUR		I	II		III	IV		V	VI	
DAY		9.30am-10.15am	10.15am-11.00am	11.00am-11.30am	11.30am-11.55am	11.55am-12.40pm	12.40pm-1.20pm	1.20pm-2.00pm	2.00pm-2.40pm	2.40pm-3.20pm
DAY 1	PRAYER	TIRF		BREAK			LUNCH			LUNAR
DAY 2					TIRF					
DAY 3						TIRF				
DAY 4						TIRF				
DAY 5			TIRF							

S.No	Subject Code	Acronym	Name of the Subject	Name of the Staff & Department	No. of hours
1	EC6651	TIRF	Transmission Lines and RF Systems	Mr. M.GOKULNATH, AP/ECE	4

	Prepared By	Verified By	Authorized By
Sign			
Name	Mrs. V. SUREGA	Mr. L. MANICKAM	Dr. E. NANDAKUMAR
	TIME TABLE EC	HOD / ECE	Principal

Head of ECE Department
 SASURIE
 College of Engineering
 Vijayamangalam, Tiruppur-638 056

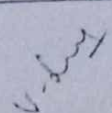

Mve
 Dr. M. VIJAYAKUMAR ME., Ph.D.,
 PRINCIPAL
 SASURIE COLLEGE OF ENGINEERING,
 Vijayamangalam - 638 056, Tirupur (Dt).

Academic Year 2021 - 2022 E.VI N Semester

STUDENTS NAME LIST

Department Electronics and Communication Engineering
Year/Sem. III / VI

Sl. No	Register Number	Student's Name	H/D
1	732419106001	HEMILY S	D
2	732419106003	MOWNELSHIN	D
3	732419106004	SARANYA DEVI V	D
4	732419106005	UMI SHEKUMAR S	D
5	732419106006	YOGESH S	D
6	732419106301	KAVIYA PRIYA G	D
7	732419106302	VIVEK S M	D

SIGN		
NAME	Mrs. V. SUREGA	Mr. I. MANICKAM
	CLASS ADVISOR	HOD

Head of ECE Department
SASURIE
College of Engineering
Vijayamangalam, Tiruppur 638 054


Dr. M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tiruppur (Dt).



SUBJECT INFORMATION RECORD

Department : ECE
Subject : EC 8651 - Transmission lines & RF systems
Year : III
Semester : 06
Last year handled by :
Percentage of Result (last year) : 100%
Quality Objectives : ~~80%~~. To produce more than 90% in AU Exam.

Reference Book

1. John D Ryder, - Networks, lines and fields, 2nd Edition, Prentice hall India, 2015. £.
2. Mathew M. Radmanesh - Radio frequency & Microwave Electronics. Pearson Education Asia, Second Edition 2009

	Prepared By
Sign:	
Name:	N. Siva Faculty

Approved By

Mr. T. Namickam
III

Head of ECE Department
SASURIE
College of Engineering
Vijayamangalam Tiruppur-638 056

Dr. M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tiruppur (Dt).

OBJECTIVES:

- To introduce the various types of transmission lines and its characteristics
- To give thorough understanding about high frequency line, power and impedance measurements
- To impart technical knowledge in impedance matching using smith chart
- To introduce passive filters and basic knowledge of active RF components
- To get acquaintance with RF system transceiver design

UNIT I TRANSMISSION LINE THEORY

9

General theory of Transmission lines - the transmission line - general solution - The infinite line - Wavelength, velocity of propagation - Waveform distortion - the distortion-less line - Loading and different methods of loading - Line not terminated in Z_0 - Reflection coefficient - calculation of current, voltage, power delivered and efficiency of transmission - Input and transfer impedance - Open and short circuited lines - reflection factor and reflection loss

UNIT II HIGH FREQUENCY TRANSMISSION LINES

9

Transmission line equations at radio frequencies - Line of Zero dissipation - Voltage and current on the dissipation-less line, Standing Waves, Nodes, Standing Wave Ratio - Input impedance of the dissipation-less line - Open and short circuited lines - Power and impedance measurement on lines - Reflection losses - Measurement of VSWR and wavelength

UNIT III IMPEDANCE MATCHING IN HIGH FREQUENCY LINES

9

Impedance matching: Quarter wave transformer - Impedance matching by stubs - Single stub and double stub matching - Smith chart - Solutions of problems using Smith chart - Single and double stub matching using Smith chart.

UNIT IV WAVEGUIDES

9

General Wave behavior along uniform guiding structures - Transverse Electromagnetic Waves, Transverse Magnetic Waves, Transverse Electric Waves - TM and TE Waves between parallel plates. Field Equations in rectangular waveguides. TM and TE waves in rectangular waveguides, Bessel Functions, TM and TE waves in Circular waveguides

UNIT V RF SYSTEM DESIGN CONCEPTS

9

Active RF components: Semiconductor basics in RF, bipolar junction transistors, RF field effect transistors, High electron mobility transistors Basic concepts of RF design, Mixers, Low noise amplifiers, voltage control oscillators, Power amplifiers, transducer power gain and stability considerations

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to:

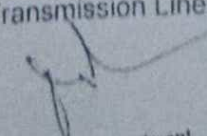
- Explain the characteristics of transmission lines and its losses
- Write about the standing wave ratio and input impedance in high frequency transmission lines
- Analyze impedance matching by stubs using smith charts
- Analyze the characteristics of TE and TM waves
- Design a RF transceiver system for wireless communication


TEXT BOOKS:

1. John D Ryder, —Networks, lines and fields]], 2nd Edition, Prentice Hall India, 2015 (UNIT IIV)
2. Mathew M. Radmanesh, —Radio Frequency & Microwave Electronics]], Pearson Education Asia, Second Edition, 2002. (UNIT V)

REFERENCES:

1. Reinhold Ludwig and Powel Bretchko, || RF Circuit Design - Theory and Applications]] Pearson Education Asia, First Edition, 2001.
2. D. K. Misra, —Radio Frequency and Microwave Communication Circuits- Analysis and Design]], John Wiley & Sons, 2004
3. E C Jordan and K.G. Balmain, —Electromagnetic Waves and Radiating Systems Prentice Hall of India, 2006.
4. G.S N Raju, "Electromagnetic Field Theory and Transmission Lines Pearson Education First edition 2005.

Head of ECE Department

SASURIE
 College of Engineering
 Vijayamangalam - 638 056


Dr. M. VIJAYAKUMAR ME., Ph.D.,
 PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
 Vijayamangalam - 638 056, Tirupur (Dt).

LESSON PLAN

Faculty Name : Mr. M. GOKULNATH
Department : ELECTRONICS AND COMMUNICATION ENGINEERING
Subject / Code : TRANSMISSION LINES AND RF SYSTEMS / ECR651
Academic Year : 2021-2022

Designation : Assistant Professor
Semester / Year : III / VI

S No.	Proposed		Details of Topic Covered	TA	Ref.	Actual		HOD
	Date	Period				Date	Period	
UNIT-I TRANSMISSION LINE THEORY								
1	3/7/2022	I	General Theory of Transmission lines	1	1	16/3/22	2	} 26/3
2	3/8/2022	III	The transmission line General solution	1	1	17/3/22	2	
3	3/9/2022	V	The infinite line-Wavelength, velocity propagation	1	1	16/3/22	1	
4	3/10/2022	III	Waveform distortion the distortion less line	1	1	21/3/22	3	
5	3/11/2022	II	Loading and different methods of loading	1	1	22/3/22	5	
6	3/12/2022	III	Line not terminated in Z0 Reflection coefficient	1	1	23/3/22	3	
7	3/14/2022	III	Calculation of current, voltage, power delivered and efficiency of transmission	1	1	24/3/22	2	
8	3/15/2022	V	Input and transfer impedance	1	1	25/3/22	1	
9	3/16/2022	III	Open and short circuited lines reflection factor and reflection loss	1	1	26/3/22	2	
UNIT-II HIGH FREQUENCY TRANSMISSION LINES								
10	3/17/2022	II	Transmission line equations at radio frequencies	1	1	25/3/22	5	} 8/4
11	3/18/2022	I	Line of zero dissipation	1	1	29/3/22	3	
12	3/21/2022	III	Voltage and current on the dissipation less line	1	1	30/3/22	2	
13	3/22/2022	V	Standing waves, Nodes, Standing wave Ratio	1	1	31/3/22	1	
14	3/23/2022	III	Input impedance of the dissipation less line	1	1	1/4/22	3	
15	3/24/2022	II	Open and short circuited lines	1	1	4/4/22	5	
16	3/25/2022	I	Power and impedance measurement on lines	1	1	5/4/22	3	
17	3/26/2022	II	Reflection loss	1	1	6/4/22	2	
18	3/28/2022	V	Measurement of VSWR and Wavelength	1	1	8/4/22	1	
UNIT-III IMPEDANCE MATCHING IN HIGH FREQUENCY LINES								
19	3/29/2022	III	Impedance matching	1	1	9/4/22	3	} 29/4
20	3/30/2022	II	Quarter wave transformer	1	1	11/4/22	5	
21	3/31/2022	I	Impedance matching by stubs	1	1	12/4/22	3	
22	4/1/2022	III	Single stub matching	1	1	13/4/22	2	
23	4/11/2022	V	Double stub matching	1	1	25/4/22	1	
24	4/12/2022	III	Smith chart	4	1	26/4/22	1	
25	4/13/2022	II	Solutions of problems using smith chart	4	1	27/4/22	5	
26	4/18/2022	I	Single stub matching using smith chart	4	1	28/4/22	3	
27	4/19/2022	III	Double stub matching using smith chart	4	1	29/4/22	1	

LESSON PLAN

Designation: Assistant Professor
 Semester/ Year: III / VI

Faculty Name : Mr. M. GOKULNATH
 Department : ELECTRONICS AND COMMUNICATION ENGINEERING
 Subject / Code : TRANSMISSION LINES AND RF SYSTEMS / EC8651
 Academic Year : 2021-2022

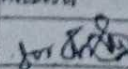
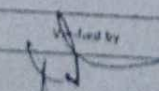
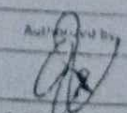
S.No	Proposed		Details of Topic Covered	TA	Ref.	Actual		HOD
	Date	Period				Date	Period	
UNIT-IV WAVEGUIDES								
28	4/20/2022	V	General wave behavior along uniform guiding structures	1	1	30/4/22	2	} 21
29	4/21/2022	III	Transverse Electromagnetic waves	1	1	2/5/22	1	
30	4/22/2022	II	Transverse magnetic waves	1	1	4/5/22	3	
31	4/23/2022	I	Transverse Electric waves	1	1	6/5/22	5	
32	4/25/2022	I	TM and TE waves between parallel plates	1	1	9/5/22	3	
33	4/26/2022	III	Field equations in rectangular waveguides	1	1	10/5/22	2	
34	4/27/2022	V	TM and TE waves in rectangular waveguides	1	1	11/5/22	1	
35	4/28/2022	III	Bessel Functions	1	1	12/5/22	3	
36	4/29/2022	II	TM and TE waves in circular waveguides	1	1	12/5/22	5	
UNIT-V RF SYSTEM DESIGN CONCEPTS								
37	4/30/2022	I	Active RF Components: Semiconductor basics in RF	1	2	13/5/22	5	} 30/5
38	5/2/2022	I	Bipolar junction transistors	1	2	14/5/22	3	
39	5/4/2022	III	RF field effect transistors	1	2	24/5/22	2	
40	5/5/2022	V	High electron mobility transistors	1	2	25/5/22	1	
41	5/6/2022	III	Basic concepts of RF design	1	2	26/5/22	3	
42	5/16/2022	II	Maxers Low noise amplifiers	1	2	28/5/22	5	
43	5/17/2022	I	Voltage control oscillators	1	2	28/5/22	3	
44	5/18/2022	III	Power amplifiers	1	2	30/5/22	2	
45	5/19/2022	V	Transducer power gain and stability considerations	1	2	30/5/22	1	

Reference books (Ref):

- John D Ryder, — Networks, lines and fields, 2nd Edition, Prentice Hall India, 2015. (UNIT I-IV)
- Mathew M. Radmanesh, — Radio Frequency & Microwave Electronics, Pearson Education Asia, Second Edition 2002. (UNIT V)

Teaching Aids (TA):

- Black Board with Chalk
- Overhead Projector
- LED Projector
- Diagrams (Field plots, Charts, Plots) Models

Prepared by	Verified by	Authorised by
Sign: 	Sign: 	Sign: 
Name: Mr. M. GOKULNATH	M. MANICKAM	DR. E. NANDAKUMAR
Faculty	HOD	Principal

Head of ECE Department
SASURIE
 College of Engineering
 Vijayamangalam, Tiruppur-517 056

Dr. M. VIJAYAKUMAR ME., Ph.D.
 PRINCIPAL
SASURIE COLLEGE OF ENGINEERING
 Vijayamangalam - 517 056, Tiruppur (Dt).



TEST PLAN FOR SUBJECT

Subject : EC 8651 - Transmission Line
PRF Systems

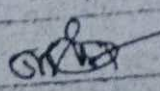
Faculty

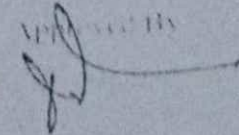
Semester : 06

III

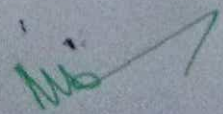
Department : ECE

S. No.	Description	Planned Date/Month	Actual Conducted Date / Month	Remarks
1.	Internal Test-I	22-04-22	23-04-22	
2.	Internal Test-II	20-05-22.	20-05-22.	
3.	Model Examination	14-06-22.	14-06-22.	

Prepared By
Sign: 
Name: N. Siva
Faculty

Approved By

Mr. T. Manickam
(H)

Head of ECE Department
SASURIE
College of Engineering
Vijayamangalam, Trichur 677 056


Dr. M. VIJAYAKUMAR ME, PH.D.
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING
Vijayamangalam, Trichur 677 056



RESULT ANALYSIS OF TEST

Subject : EC8651 - Transmission Lines & Power Systems Department ECE
 Class : IV
 Semester : 06

Exam details & date : Internal Test-I & 02.04.20

Faculty :

Number of students : 07

No. of students attended : 07

No. of students absent : Nil

No. of students passed : 07

No. of students failed : Nil

Percentage of failures :

RESULT DATA:

Marks	0-25	26-50	51-75	76-90	91-100
No. of Students	-	-	03	04	-

	Prepared By
Sign:	
Name:	N. Siva
	Faculty

Approved By

Mr. T. Namickam
HOD

Head of ECE Department
SASURIE
 College of Engineering
 Vijayamangalam, Tiruppur 638 056

Dr. M. VIJAYAKUMAR ME., Ph.D.,
 PRINCIPAL



RESULT ANALYSIS OF TEST

Subject : EC 8651 - Transmission Lines & RF Systems Date :
 Class : III Department : ECE
 Semester : 06.
 Exam details & date : Internal Test - II & 20.05.22.
 Faculty :
 Number of students : 07
 No. of students attended : 07
 No. of students absent : Nil
 No. of students passed : 07
 No. of students failed : Nil
 Percentage of failures :

RESULT DATA:

Marks	0-25	26-50	51-75	76-90	91-100
No. of Students	—	—	04	02	01

	Prepared By
Sign:	
Name:	<u>N. Siva.</u>
	Faculty

Approved By

 Mr. T. Namickam
 IID
 Head of ECE Department
SASURIE
 College of Engineering
 Vijayamangalam, Tiruppur 617 054



RESULT ANALYSIS OF TEST

Subject : EC 8651 - Transmission Lines & RF Systems Department Date
Class : III Department ECE
Semester : 06
Exam details & date : Model Exam
Faculty :
Number of students : 07
No. of students attended : 07
No. of students absent : Nil
No. of students passed : 07
No. of students failed : Nil
Percentage of failures : -

RESULT DATA:

Marks	0-25	26-50	51-75	76-90	91-100
No. of Students	-	01	06	-	-

	Prepared By
Sign:	
Name:	N. SIVA
	Faculty

Approved By

M. T. Manickam.
(H)
Head of ECE Department
SASURIE
College of Engineering
Vijayamangalam, Tiruppur 635 056

Me



CORRECTIVE ACTION REPORT

Dept: ECE
Year: III
Subject: ECE651 - Transmission Lines & RF Systems
Semester: Ob

S.No	Internal Test	Percentage of marks	Root Cause (Metrics)	Corrective Action	Deadline date	Remarks
1.	I	100%	-	-	-	-
2.	II	100%	-	-	-	-
3.	Model Exam	100%	-	-	-	-

Prepared By
Sign:
Name: N. Siva
Faculty

Approved By

Ms. T. Harichandran
III

Head of ECE Department
SASURIE
College of Engineering
Vijayamangalam, Tirupur-634 058

D.M. VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 058, Tirupur (Dt).



QUALITY OBJECTIVE MONITORING RECORD

Department : ECE

Year : III

Semester : 06

Subject : EC 8651 - Transmission Lines & RF Systems.

S.No	Quality Objective	Internal Test-I		Internal Test-II		Model Test-I	
		Expecting result	Obtained result	Expecting result	Obtained result	Expecting Result	Obtained result
1.	> 90%	790%	100%	790%	100%		

	Prepared By	Approved By
Sign:		
Name:	N. Siva	Mr. T. Manickam.
	Faculty	Head of ECE Department

SASURIE
College of Engineering
Vijayamangalam, Tirupur-636 058

Dr. M. VIJAYAKUMAR M.E., Ph.D.

PRINCIPAL

SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).

11a	Discuss the various parameters of open wire and co-axial line at radio frequency.	CO3	C
OR			
11b	Derive the expression that permit easy measurement of power flow on a line of negligible losses.	CO3	C
12a	Discuss in detail about the voltage and current on the dissipation less line.	CO4	C
OR			
12b	Discuss in details about the variation of input impedance along open and short circuit lines with relevant graphs.	CO4	C

N. Siva
18/5/22 -

Course Faculty

(Name / Sign / Date)

N. Siva.

T. Manickam
18/5/2022

HOD

(Name / Sign / Date)

T. MANICKAM

Dr. E. Nandakumar
18/5/22

Principal

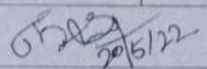
(Name / Sign / Date)

DR. E. NANDAKUMAR

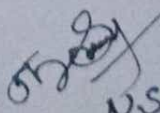
Dr. M. Vijayakumar
Dr. M. VIJAYAKUMAR M.E., Ph.D.
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING
Vijayamangalam - 638 056, Tirupur (Dt).

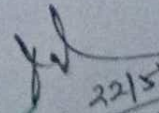


Internal Assessment Test Answer Book

Name	Kaviya priya, G.			Year/ Semester/Section	III/VI -
Register Number	73241910630/	Date/Session	20.5.22/PN	Department	ECE
Course code	EC8651	Course Title	Transmission Lines and RF Systems.		
Internal Assessment Test	IAT 1 <input type="checkbox"/>	IAT 2 <input checked="" type="checkbox"/>	IAT 3 <input type="checkbox"/>	Model	<input type="checkbox"/>
Name and Signature of the Invigilator with date	 20/5/22 N. SIVA				

Instruction to the Student: Put tick mark to the question attended in the column against question.

Part A			Part B/ Part C				Total Marks
Q. No.	✓	Marks	Q. NO.	✓	a	b	
					Marks	Marks	
1	✓	2	11	✓	15		15
2	✓	2	12	✓	12h		12h
3	✓	1h	13				
4	✓	2	14				
5	✓	1h	15				
6	✓	2	16				
7	✓	1h	Grand Total				27h
8	✓	2	45h				 Name and Signature of the Examiner with date
9	✓	2					
10	✓	1h					
Total		18	Grand Total				

To be filled by the examiner							
Course Outcomes	1	2	3	4	5	6	Total
Marks allotted	5	-	25	25	-	-	50
Marks Obtained	-	-	24	21h	-	-	45h
IQAC Audit - Remarks							
Marks Verified							 22/5/2022 (T. MARIKAM) Name and Signature of the IQAC member



SASURIE
College of Engineering
Vijayamangalam, Tiruppur.

DEPARTMENT OF Electronics and Communication Engineering

Assignment Question Paper

Assignment - 01			Date of Issue:	16.03.2022	Marks	10
Course code	EC8651	Course Title	Transmission Lines and RF Systems			
Year	III	Semester	VI	Date of Submission:	25.03.2022	

Q.No	Questions	CO
1	Explanation of secondary constants.	CO1
2	Determination of propagation constant.	CO1

N. Siva
16/3/22

Name and Signature of the Faculty Incharge
N. Siva.

J. Manickam
16/3/2022
HoD/ECE

(T. MANICKAM)

 **Dr. M. VIJAYAKUMAR** ME., Ph.D.,
PRINCIPAL
SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tiruppur (Dt).



SASURIE
College of Engineering
Vijayamangalam, Tiruppur.

DEPARTMENT OF Electronics and Communication Engineering

Assignment Answer Sheet

Name of the Student: *V. Saranya devi.*

AU Register Number: *752419106004*

Assignment - 01			Date of Issue:	16.03.2022	Marks	10
Course code	EC8651	Course Title	Transmission Lines and RF Systems			
Year	III	Semester	VI	Date of Submission:	25.03.2022	

Q.No	Questions	CO
1	Explanation of secondary constants.	CO1
2	Determination of propagation constant.	CO1

Mark Allocation

Rubrics	Marks Allocated	Marks obtained
Content Quality	6	6
Presentation Quality	2	2
Timely submission	2	2
Total marks	10	10

Name and Signature of the Faculty In charge

N. Siva.

28/3/2022
HoD/ ECE

(T. MANICKAM)

Dr.M.VIJAYAKUMAR ME., Ph.D.,
PRINCIPAL

SASURIE COLLEGE OF ENGINEERING,
Vijayamangalam - 638 056, Tirupur (Dt).