ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

ACADEMIC YEAR
2023-2024

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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INDEX

ODD SEMESTER

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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ANNA UNIVERSITY
INTERNAL ASSESSMENT SCHEDULE

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

JULY 2023 – NOVEMBER 2023 - (SEMESTER – VII, IX) (UG(PT)- V)

UG/PG(FT/PT) Degree Programmers – B.E/B.TECH/B.ARCH/M.B.A(5YRS INTEGRATED).

Report No	Report Period	Test Period	Report Entry Period
I	27-07-2023 – 14-08-2023	----	21-09-2023 – 27-09-2023
II	16-08-2023 -- 14-09-2023	11-09-2023 -- 14-09-2023	21-09-2023 – 27-09-2023
III	15-09-2023 – 16-10-2023	11-10-2023 – 16-10-2023	16-10-2023 – 20-10-2023
IV	17-10-2023 – 17-11-2023	13-11-2023 – 17-11-2023	17-11-2023 – 19-11-2023

Saturdays may be included as working days to make good the Shortages, if any.

07-09-2023

CONTROLLER OF EXAMINATIONS

07/09/2023

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

JULY 2023 – NOVEMBER 2023 - (SEMESTER – V)

UG (FT) Degree Programmes – B.E/B.TECH/.

Report No	Report Period	Test Period	Report Entry Period
I	27-07-2023 – 21-09-2023	16-09-2023 – 21-09-2023	21-09-2023 – 27-09-2023
II	22-09-2023 -- 17-11-2023	13-11-2023 -- 17-11-2023	17-11-2023 -- 19-11-2023

Saturdays may be included as working days to make good the Shortages, if any.

07.09.2023

CONTROLLER OF EXAMINATIONS

07/09/2023

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

SEPTEMBER 2023 – JANUARY 2024 - (SEMESTER – I)

UG (FT) Degree Programmes – B.E/B.TECH/.

Report No	Report Period	Test Period	Report Entry Period
I	25-09-2023 – 15-11-2023	10-11-2023 – 15-11-2023	24-11-2023 – 30-11-2023
II	16-11-2023 -- 04-01-2024	29-12-2023 -- 04-01-2024	04-01-2024 -- 05-01-2024

Saturdays may be included as working days to make good the Shortages, if any.

23/11/23

CONTROLLER OF EXAMINATIONS

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

SEPTEMBER 2023 – JANUARY 2024 - (SEMESTER – III)

UG/PG (FT/PT) Degree Programmes

B.E/B.ECH/M.E/M.TECH/M.B.A(FT/PT)/M.B.A(5YRS INTG)/M.ARCH

Report No	Report Period	Test Period	Report Entry Period
I	20-09-2023 – 13-11-2023	08-11-2023 – 13-11-2023	24-11-2023 – 30-11-2023
II	14-11-2023 -- 04-01-2024	29-12-2023 -- 04-01-2024	04-01-2024 -- 05-01-2024

Saturdays may be included as working days to make good the Shortages, if any.

23/11/23

CONTROLLER OF EXAMINATIONS

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CONTINUOUS INTERNAL ASSESSMENT TEST

(Time Table)

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EXAMINATION CELL

CIRCULAR

(2023-2024)

CIR. NO: SACET/EXAM/CIR/08 **Date:** 17.11.2023

It is informed to the **1st year students** that the commencement of **CIA-I Examinations** is scheduled from **23.11.2023 to 25.11.2023**.

Exam Timing: **10:45 AM to 12:15 PM and 3.00 PM to 4.30 PM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks / Maths Subject: 02 X 16 = 32

Part – C: 01 X 14 = 14 Marks / Maths Subject: 08 X 01 = 08

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** on or before **22.11.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in**andlog in to **Faculty/Staff Login.**

17/11/2023
EXAM CELL CO-ORDINATOR

17.11.23
PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.

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CONTINUOUS INTERNAL ASSESSMENT - I
TIME TABLE

Time: 10:45 AM - 12:15 PM and 3.00 PM to 4.30 PM

Period : NOV 2023- DEC 2023

DATE	SEM	BRANCH & SUBJECT				
		CSE	EEE	ECE	MECH	CSE (AIML)
23.11.2023 (FN)	1	HS 3152-Professional English - I	HS 3152-Professional English - I	HS 3152-Professional English - I	CY 3151-Engineering Chemistry	CY 3151-Engineering Chemistry
23.11.2023 (AN)	1	PH 3151-Engineering Physics	MA 3151-Matrices and Calculus	MA 3151-Matrices and Calculus	GE3152-Heritage of Tamils	GE3152-Heritage of Tamils
24.11.2023 (FN)	1	MA 3151-Matrices and Calculus	PH 3151-Engineering Physics	PH 3151-Engineering Physics	GE 3151-Problem Solving and Python Programming	GE 3151-Problem Solving and Python Programming
24.11.2023 (AN)	1	GE 3151-Problem Solving and Python Programming	GE3152-Heritage of Tamils	GE3152-Heritage of Tamils	PH 3151-Engineering Physics	PH 3151-Engineering Physics
25.11.2023 (FN)	1	CY 3151-Engineering Chemistry	GE 3151-Problem Solving and Python Programming	GE 3151-Problem Solving and Python Programming	MA 3151-Matrices and Calculus	MA 3151-Matrices and Calculus
25.11.2023 (AN)	1	GE3152-Heritage of Tamils	CY 3151-Engineering Chemistry	CY 3151-Engineering Chemistry	HS 3152-Professional English - I	HS 3152-Professional English - I

21/11/23
PREPARED BY

21/11/2023
VERIFIED BY

21.11.23.
APPROVED BY

Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), 607 110.

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EXAMINATION CELL

CIRCULAR

(2023-2024)

CIR. NO: SACET/EXAM/CIR/10 **Date:** 18.12.2023

It is informed to the **1st year students** that the commencement of **CIA-II Examinations** is scheduled from **20.12.2023 to 02.01.2024**.

Exam Timing: **09:30 AM to 11:00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks / Maths Subject: 02 X 16 = 32

Part – C: 01 X 14 = 14 Marks / Maths Subject: 08 X 01 = 08

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** on or before **19.12.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in**andlog in to **Faculty/Staff Login.**

18/12/2023
EXAM CELL CO-ORDINATOR

18.12.23
PRINCIPAL

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

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CONTINUOUS INTERNAL ASSESSMENT - II
TIME TABLE

Time:9.30 am to 11.00 am **Period : NOV 2023- DEC 2023**

DATE	YEAR/ SEM	BRANCH & SUBJECT				
		CSE	EEE	ECE	MECH	CSE (AIML)
20.12.2023	I/01	HS 3152-Professional English - I	GE 3151-Problem Solving and Python Programming	GE 3151-Problem Solving and Python Programming	HS 3152-Professional English - I	HS 3152-Professional English - I
21.12.2023	I/01	CY 3151-Engineering Chemistry	GE 3152-Heritage of Tamils	GE 3152-Heritage of Tamils	GE 3151-Problem Solving and Python Programming	GE 3151-Problem Solving and Python Programming
26.12.2023	I/01	GE 3151-Problem Solving and Python Programming	HS 3152-Professional English - I	HS 3152-Professional English - I	CY 3151-Engineering Chemistry	CY 3151-Engineering Chemistry
28.12.2023	I/01	GE 3152-Heritage of Tamils	PH 3151-Engineering Physics	PH 3151-Engineering Physics	MA 3151-Matrices and Calculus	MA 3151-Matrices and Calculus
30.12.2023	I/01	MA 3151-Matrices and Calculus	CY 3151-Engineering Chemistry	CY 3151-Engineering Chemistry	PH 3151-Engineering Physics	PH 3151-Engineering Physics
02.01.2024	I/01	PH 3151-Engineering Physics	MA 3151-Matrices and Calculus	MA 3151-Matrices and Calculus	GE 3152-Heritage of Tamils	GE 3152-Heritage of Tamils

V. Pol 18/12/23
PREPARED BY

V. Murugan 18/12/2023
VERIFIED BY

R. Arokiadass 18.12.23
APPOROVED BY
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
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EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/40 **Date:** 16.12.2023

It is informed to the **1st and 2nd year students** that the commencement of **CIA-II Examinations** is scheduled from **20.12.2023 to 02.01.2024**

Exam Timing: **09:30 AM** to **11.00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks/ Maths Subject: 05 X 02 = 10

Part – B: 02 X 13 = 26 Marks / Maths Subject: 05X 08 = 40

Part – C: 01 X 14 = 14Marks

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** on or before **19.12.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

16/12/23

EXAM CELL CO-ORDINATOR

16/12/23

PRINCIPAL

K. ARUKIADASS, M.E., Ph.D.
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Sirumathur-(Post), Panruti-(T.k).
Cuddalore-(Dist), Pin: 607 106.

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CONTINUOUS INTERNAL ASSESSMENT -II

TIME TABLE

Time:09.30 AM -11.00 AM (FN)

PERIOD : SEP 2023 - JAN 2024

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
20.12.2023	III	CS3301 Data Structures	CS3353 C Programming and Data Structures	EC3353 Electronic Devices and Circuits	ME3391 Engineering Thermodynamics
21.12.2023	III	MA3354 Discrete Mathematics	EE3301 Electromagnetic Fields	CS3353 C Programming and Data Structures	ME3392 Engineering Materials and Metallurgy
26.12.2023	III	CS3352 Foundations of Data Science	EC3301 Electron Devices and Circuits	EC3354 Signals and Systems	ME3393 Manufacturing Processes
28.12.2023	III	CS3391 Object Oriented Programming	EE3303 Electrical Machines - I	EC3351 Control Systems	CE3391 Fluid Mechanics and Machinery
30.12.2023	III	CS3351 Digital Principles and Computer Organization	MA3303 Probability and Complex Functions	EC3352 Digital Systems Design	MA3351 Transforms and Partial Differential Equations
02.01.2024	III	NIL	EE3302 Digital Logic Circuits	MA3355 Random Processes and Linear Algebra	ME3351 Engineering Mechanics

PREPARED BY

VERIFIED BY

APPROVED BY

18/12/23

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EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/09 **Date:** 29.11.2023

It is informed to the **2nd year students** that the commencement of **CIA-I Examinations** is scheduled from **01.12.2023 to 03.12.2023**.

Exam Timing: **09:30 AM** to **11:00 AM**
1.30 PM to 3.00PM
Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks / Maths Subject: 02 X 16 = 32

Part – C: 01 X 14 = 14 Marks / Maths Subject: 08 X 01 = 08

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** and must be **uploaded in staff login (Upload Files)** on or before **30.11.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.30 PM** to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

30/11/2023
EXAM CELL CO-ORDINATOR

30/11/23
PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM
Siruvathur-(Post), Panruti (Vi),
Cuddalore-(Dist), Pin: 6

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CONTINUOUS INTERNAL ASSESSMENT

TIME TABLE

Time:09.30 AM -11.00 PM (FN) **Time:01.30 PM -03.00 PM (AN)** **PERIOD : JULY 2023 - NOV 2023**

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
02.12.2023 SATURDAY	III	CS3352 Foundations of Data Science	MA3303 Probability and Complex Functions	CS3353 C Programming and Data Structures	MA3351 Transforms and Partial Differential Equations
	III	C S3301 Data Structures	EE3301 Electromagnetic Fields	EC3354 Signals and Systems	ME3392 Engineering Materials and Metallurgy
04.12.2023 MONDAY	III	CS3391 Object Oriented Programming	EE3302 Digital Logic Circuits	EC3353 Electronic Devices and Circuits	ME3351 Engineering Mechanics
	III	CS3351 Digital Principles and Computer Organization	EC3301 Electron Devices and Circuits	EC3351 Control Systems	ME3391 Engineering Thermodynamics
05.12.2023 TUESDAY	III	M A3354 Discrete Mathematics	EE3303 Electrical Machines - I	MA3355 Random Processes and Linear Algebra	CE3391 Fluid Mechanics and Machinery
	III	NIL	CS3353 C Programming and Data Structures	EC3352 Digital Systems Design	ME3393 Manufacturing Processes

PREPARED BY

VERIFIED BY 30/11/2023

30/11/23

APPROVED BY

Dr.R.AROKIADASS, M.E., Ph.D.
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM.
Siruvathur-(Post), Panruti-(T k),
Cuddalore-(Dist), Pin 60).

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/6 **Date:** 04.11.2023

It is informed to the 3rd and **4th year students** that the commencement of **CIA- II (3rd year) and CIA III(4th year) Examinations** is scheduled from **07.11.2023 to 16.11.2023**.

Exam Timing: **09:20 AM** to **12:20 PM**

Question paper pattern: Total: **100 Marks**

Part – A: 10 X 02 = 20 Marks

Part – B: 05 X 13 =65 Marks / Maths Subject: 05 X 16 = 80

Part – C: 01 X 15 = 15 Marks / Maths Subject: Nil

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** and must be **uploaded in staff login (Upload Files)** on or before **06.11.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

6/11/2023

EXAM CELL CO-ORDINATOR

6/11/23

PRINCIPAL

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

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CONTINUOUS INTERNAL ASSESSMENT

TIME TABLE

Time:09.20 AM -12.20 PM (FN) Time:01.15 PM -04.15 PM (AN) PERIOD : JULY 2023 - NOV 2023

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
07.11.2023 TUESDAY	V	CCW 332 -DIGITAL MARKETING	EE3009 - SPECIAL ELECTRICAL MACHINES	CEC366 - IMAGE PROCESSING	NIL
	VII	CS8792 CRYPTOGRAPHY AND NETWORK SECURITY	GE8077 - TOTAL QUALITY MANAGEMENT	EC8791 - EMBEDDED AND REAL TIMESYSTEMS	ME8097 - NON DESTRUCTIVE TESTING AND EVALUATION
08.11.2023 WEDNESDAY	V	CCS335-CLOUD COMPUTING	EE3014 - POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS	CEC345 - OPTICAL COMMUNICATION	CME394 - ADVANCED INTERNAL COMBUSTION ENGINEERING
	VII	OBM752 HOSPITAL MANAGEMENT	GE8071 - DISASTER MANAGEMENT	OBM752 - HOSPITAL MANAGEMENT	ME8793 - PROCESS PLANNING AND COST ESTIMATION
09.11.2023 THURSDAY	V	CS3591-COPUTER NETWORKS	EE3501 - POWER SYSTEM ANALYSIS	EC3552 - VLSI AND CHIP DESIGN	CME388 - INDUSTRIAL SAFETY
	VII	GE8077 TOTAL QUALITY MANAGEMENT	EE8702 - POWER SYSTEM OPERATION ANDCONTROL	EC8701 - ANTENNAS AND MICROWAVEENGINEERING	ME8791 - MECHATRONICS
14.11.2023 TUESDAY	V	CS3551 - DISTRIBUTED COMPUTING	EE3591 - POWER ELECTRONICS	CEC352 - SATELLITE COMMUNICATION	ME3592 - METROLOGY AND MEASUREMENTS
	VII	CS8791 CLOUD COMPUTING	EE8703 - RENEWABLE ENERGY SYSTEMS	EC8702 - AD HOC AND WIRELESSSENSOR NETWORKS	ME8093 - UNCONVENTIONAL MACHINING PROCESSES
15.11.2023 WEDNESDAY	V	CS 3501-COMPILER DESIGN	EE3012 - ELECTRICAL DRIVES	EC3501 - WIRELESS COMMUNICATION	CME380 - AUTOMOBILE ENGINEERING
	VII	MG8591 PRINCIPLES OF MANAGEMENT	EE8701 - HIGH VOLTAGE ENGINEERING	EC8751 - OPTICAL COMMUNICATION	ME8792 - POWER PLANT ENGINEERING
16.11.2023 THURSDAY	V(FN)	CB3491-CRYPTOGRAPHY AND CYBER SECURITY	EE3503 - CONTROL SYSTEMS	EC3551 - TRANSMISSION LINES AND RF SYSTEMS	ME3591 - DESIGN OF MACHINE ELEMENTS
	V (AN)	MX3084-DISASTER RISK REDUCTION AND MANAGEMENT	MX3085-DISASTER RISK REDUCTION AND MANAGEMENT	MX3801-INTRODUCTION TO WOMEN AND GENDER STUDIES	MX3085-DISASTER RISK REDUCTION AND MANAGEMENT

PREPARED BY

VERIFIED BY 6/11/2023

Dr.R.ARUNADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Sirauthur (Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 106.

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/05 **Date: 16.10.2023**

It is informed to the **4th year students** that the commencement of **CIA-II Examinations** is scheduled from **11.10.2023 to 17.10.2023**.

Exam Timing: **09:30 AM** to **11:00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks / Maths Subject: 02 X 16 = 32

Part – C: 01 X 14 = 14 Marks / Maths Subject: 08 X 01 = 08

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** and must be **uploaded in staff login (Upload Files)** on or before **10.10.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

06/10/2023
EXAM CELL CO-ORDINATOR

16.10.23
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sirumalur-(Post), Panruti-(T.k),

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ANGUCHETTYPALAYAM, PANRUTI - 607106

CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE

Time:09.30 AM -11.00 AM

PERIOD : JULY 2023 - NOV 2023

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
11.10.2023	VII	CS8791 CLOUD COMPUTING	GE8077 TOTAL QUALITY MANAGEMENT	OBM752 HOSPITAL MANAGEMENT	ME8792 POWER PLANT ENGINEERING
12.10.2023	VII	OBM752 HOSPITAL MANAGEMENT	GE8071 DISASTER MANAGEMENT	EC8701 ANTENNAS AND MICROWAVEENGINEERING	ME8793 PROCESS PLANNING AND COST ESTIMATION
14.10.2023	VII	MG8591 PRINCIPLES OF MANAGEMENT	EE8703 RENEWABLE ENERGY SYSTEMS	EC8702 AD HOC AND WIRELESSSENSOR NETWORKS	ME8791 MECHATRONICS
16.10.2023	VII	GE8077 TOTAL QUALITY MANAGEMENT	EE8701 HIGH VOLTAGE ENGINEERING	EC8791 EMBEDDED AND REAL TIMESYSTEMS	ME8093 UNCONVENTIONAL MACHINING PROCESSES
17.10.2023	VII	CS8792 CRYPTOGRAPHY AND NETWORK SECURITY	EE8702 POWER SYSTEM OPERATION ANDCONTROL	EC8751 OPTICAL COMMUNICATION	ME8097 NON DESTRUCTIVE TESTING AND EVALUATION

PREPARED BY 6/10/2023

VERIFIED BY 6/10/2023

APPROVED BY 6.10.23

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

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/4 **Date:** 15.09.2023

It is informed to the **3rd and 4th year students** that the commencement of **CIA-I Examinations** is scheduled from **19.09.2023 to 26.09.2023**.

Exam Timing: **09:30 AM** to **11:00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks / Maths Subject: 02 X 16 = 32

Part – C: 01 X 14 = 14 Marks / Maths Subject: 08 X 01 = 08

Staff members are requested to follow the instructions given below:

1. A Soft and Hard Copy of the question paper should be **submitted to the exam cell** on or before **19.09.2023.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 minutes** before the commencement of the examinations.
3. Marks should be UPLOADED on the same day, before **04.00 PM** to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

V. Venkatesan 15/9/2023
EXAM CELL CO-ORDINATOR

R. Arokiadass 18/9/23
PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM.
Siruvathur (Post), Panruti (T.k),
Cuddalore (Dist), Pin: 607106

Copy To:

1. The Vice Principal
2. The HOD/CSE
3. The HOD/EEE
4. The HOD/ECE
5. The HOD/MECH
6. The HOD/S&H
7. The File

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ANGUCHETTYPALAYAM, PANRUTI - 607106

CONTINUOUS INTERNAL ASSESSMENT - I

TIME TABLE

PERIOD : JULY 2023 - NOV 2023

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
19.09.2023 (2.45PM - 4.15PM)	V	CCW332 - DIGITAL MARKETING	EE3014 - POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS	EC3501 - WIRELESS COMMUNICATION	ME3592 - METROLOGY AND MEASUREMENTS
	VII	CS8791 - CLOUD COMPUTING	GE8077 - TOTAL QUALITY MANAGEMENT	OBM752 - HOSPITAL MANAGEMENT	ME8792 - POWER PLANT ENGINEERING
20.09.2023 (09.30 AM - 11.00 AM)	V	CS3591 - COMPUTER NETWORKS	EE3501 - POWER SYSTEM ANALYSIS	EC3552 - VLSI AND CHIP DESIGN	CME388 - INDUSTRIAL SAFETY
	VII	OBM752 - HOSPITAL MANAGEMENT	GE8071 - DISASTER MANAGEMENT	EC8701 - ANTENNAS AND MICROWAVEENGINEERING	ME8793 - PROCESS PLANNING AND COST ESTIMATION
20.09.2023 (01 .30 PM - 03.00 PM)	V	CCS335 - CLOUD COMPUTING	EE3009 - SPECIAL ELECTRICAL MACHINES	EC3551 - TRANSMISSION LINES AND RF SYSTEMS	CME394 - ADVANCED INTERNAL COMBUSTION ENGINEERING
	VII	MG8591 - PRINCIPLE OF MANAGEMENT	EE8703 - RENEWABLE ENERGY SYSTEMS	EC8702 - AD HOC AND WIRELESSSENSOR NETWORKS	ME8791 - MECHATRONICS
21.09.2023 (09.30 AM - 11.00 AM)	V	CB3491 - CRYPTOGRAPHY AND CYBER SECURITY	EE3012 - ELECTRICAL DRIVES	CEC352 - SATELLITE COMMUNICATION	ME3591 - DESIGN OF MACHINE ELEMENTS
	VII	GE8077 - TOTAL QUALITY MANAGEMENT	EE8701 - HIGH VOLTAGE ENGINEERING	EC8791 - EMBEDDED AND REAL TIMESYSTEMS	ME8093 - UNCONVENTIONAL MACHINING PROCESSES
21.09.2023 (01.30 PM - 03.00 PM)	V	CS3551 - DISTRIBUTED COMPUTING	EE3591 - POWER ELECTRONICS	CEC345 - OPTICAL COMMUNICATION	CME380 - AUTOMOBILE ENGINEERING
	VII	CS8792 - CRYPTOGRAPHY AND NETWORK SECURITY	EE8702 - POWER SYSTEM OPERATION ANDCONTROL	EC8751 - OPTICAL COMMUNICATION	ME8097 - NON DESTRUCTIVE TESTING AND EVALUATION
23.09.2022 (09.20 AM - 10.20 AM)	V	CS3501 - COMPILER DESIGN	EE3503 - CONTROL SYSTEMS	CEC366 - IMAGE PROCESSING	NIL
	VII	NIL	NIL	NIL	NIL

PREPARED BY

VERIFIED BY 19/9/2023

APPROVED BY 19/9/23

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

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ANGUCHETTYPALAYAM, PANRUTI - 607106

CONTINUOUS INTERNAL ASSESSMENT - I

TIME TABLE

Time: 09:30 AM -11.00 AM

Period: JULY 2023 - NOV 2023

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
19.09.2023 (2.45PM - 4.15PM)	V	CCW332 - DIGITAL MARKETING	EE3014 - POWER ELECTRONICS FOR RENEWABLE ENERGY SYSTEMS	EC3501 - WIRELESS COMMUNICATION	ME3592 - METROLOGY AND MEASUREMENTS
	VII	CS8791 - CLOUD COMPUTING	GE8077 - TOTAL QUALITY MANAGEMENT	OBM752 - HOSPITAL MANAGEMENT	ME8792 - POWER PLANT ENGINEERING
20.09.2023	V	CS3591 - COMPUTER NETWORKS	EE3501 - POWER SYSTEM ANALYSIS	EC3552 - VLSI AND CHIP DESIGN	CME388 - INDUSTRIAL SAFETY
	VII	OBM752 - HOSPITAL MANAGEMENT	GE8071 - DISASTER MANAGEMENT	EC8701 - ANTENNAS AND MICROWAVEENGINEERING	ME8793 - PROCESS PLANNING AND COST ESTIMATION
21.09.2023	V	CCS335 - CLOUD COMPUTING	EE3009 - SPECIAL ELECTRICAL MACHINES	EC3551 - TRANSMISSION LINES AND RF SYSTEMS	CME394 - ADVANCED INTERNAL COMBUSTION ENGINEERING
	VII	MG8591 - PRINCIPLE OF MANAGEMENT	EE8703 - RENEWABLE ENERGY SYSTEMS	EC8702 - AD HOC AND WIRELESSSENSOR NETWORKS	ME8791 - MECHATRONICS
23.09.2023	V	CB3491 - CRYPTOGRAPHY AND CYBER SECURITY	EE3012 - ELECTRICAL DRIVES	CEC352 - SATELLITE COMMUNICATION	ME3591 - DESIGN OF MACHINE ELEMENTS
	VII	GE8077 - TOTAL QUALITY MANAGEMENT	EE8701 - HIGH VOLTAGE ENGINEERING	EC8791 - EMBEDDED AND REAL TIMESYSTEMS	ME8093 - UNCONVENTIONAL MACHINING PROCESSES
25.09.2023	V	CS3551 - DISTRIBUTED COMPUTING	EE3591 - POWER ELECTRONICS	CEC345 - OPTICAL COMMUNICATION	CME380 - AUTOMOBILE ENGINEERING
	VII	CS8792 - CRYPTOGRAPHY AND NETWORK SECURITY	EE8702 - POWER SYSTEM OPERATION ANDCONTROL	EC8751 - OPTICAL COMMUNICATION	ME8097 - NON DESTRUCTIVE TESTING AND EVALUATION
26.09.2022	V	CS3501 - COMPILER DESIGN	EE3503 - CONTROL SYSTEMS	CEC366 - IMAGE PROCESSING	NIL
	VII	NIL	NIL	NIL	NIL

PREPARED BY

VERIFIED BY 15/9/2023

APPROVED BY 15/9/23

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
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ATTENDANCE
&
ASSESSMENT RECORD
(AAR)

PARAV. R
ECE - T

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ANGUCHETTYPALAYAM, PANRUTI - 607 106.

ATTENDANCE AND ASSESSMENT RECORD

Name of the Staff : K. RAKESH JAWAHAR

Department of the Staff : S&H

Semester / Subject : I / ENGINEERING PHYSICS

Period : SEP - FEB (2023-24)

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PH3151 **ENGINEERING PHYSICS** **L T P C**
3 0 0 3

COURSE OBJECTIVES:

- To make the students effectively achieve an understanding of mechanics.
- To enable the students to gain knowledge of electromagnetic waves and its applications.
- To introduce the basics of oscillations, optics and lasers.
- Equipping the students to successfully understand the importance of quantum physics.
- To motivate the students towards the applications of quantum mechanics.

UNIT I MECHANICS 9

Multi-particle dynamics: Center of mass (CM) – CM of continuous bodies – motion of the CM – kinetic energy of the system of particles. Rotation of rigid bodies: Rotational kinematics – rotational kinetic energy and moment of inertia - theorems of M .I –moment of inertia of continuous bodies –

M.I of a diatomic molecule - torque – rotational dynamics of rigid bodies – conservation of angularmomentum – rotational energy state of a rigid diatomic molecule - gyroscope - torsional pendulum
– double pendulum –Introduction to nonlinear oscillations.

UNIT II ELECTROMAGNETIC WAVES 9

The Maxwell's equations - wave equation; Plane electromagnetic waves in vacuum, Conditions on the wave field - properties of electromagnetic waves: speed, amplitude, phase, orientation and waves in matter - polarization - Producing electromagnetic waves - Energy and momentum in EM waves: Intensity, waves from localized sources, momentum and radiation pressure - Cell-phone reception. Reflection and transmission of electromagnetic waves from a non-conducting medium- vacuum interface for normal incidence.

UNIT III OSCILLATIONS, OPTICS AND LASERS 9

Simple harmonic motion - resonance –analogy between electrical and mechanical oscillatingsystems - waves on a string - standing waves - traveling waves - Energy transfer of a wave - soundwaves - Doppler effect. Reflection and refraction of light waves - total internal reflection - interference
–Michelson interferometer –Theory of air wedge and experiment Theory of laser - characteristics
- Spontaneous and stimulated emission - Einstein's coefficients - population inversion - Nd-YAG laser, CO_2 laser, semiconductor laser –Basic applications of lasers in industry.

UNIT IV BASIC QUANTUM MECHANICS 9

Photons and light waves - Electrons and matter waves –Compton effect - The Schrodinger equation(Time dependent and time independent forms) - meaning of wave function - Normalization –Free particle - particle in a infinite potential well: 1D,2D and 3D Boxes- Normalization, probabilities and the correspondence principle.

UNIT V APPLIED QUANTUM MECHANICS 9

The harmonic oscillator(qualitative)- Barrier penetration and quantum tunneling(qualitative)- Tunneling microscope - Resonant diode - Finite potential wells (qualitative)- Bloch's theorem for particles in a periodic potential –Basics of Kronig-Penney model and origin of energy bands.

TOTAL : 45 PERIODS

TEXT BOOKS:

1. D.Kleppner and R.Kolenkow. An Introduction to Mechanics. McGraw Hill Education (IndianEdition), 2017.
2. E.M.Purcell and D.J.Morin, Electricity and Magnetism, Cambridge Univ.Press, 2013.
3. Arthur Beiser, Shobhit Mahajan, S. Rai Choudhury, Concepts of Modern Physics, McGraw-Hill (Indian Edition), 2017.

REFERENCES:

1. R.Wolfson. Essential University Physics. Volume 1 & 2. Pearson Education (Indian Edition),2009.
2. Paul A. Tipler, Physic – Volume 1 & 2, CBS, (Indian Edition), 2004.
3. K.Thyagarajan and A.Ghatak. Lasers: Fundamentals and Applications, Laxmi Publications,(Indian Edition), 2019.
4. D.Halliday, R.Resnick and J.Walker. Principles of Physics, Wiley (Indian Edition), 2015.
5. N.Garcia, A.Damask and S.Schwarz. Physics for Computer Science Students. Springer-Verlag, 2012.

Name of the Staff : K. RACKESH JAWAHER

Department of the Staff : S&H

Department of the Student : ECE

Semester : I

Subject Code & Name : PH3151 - ENGINEERING PHYSICS

Period **From** : SEP to FEB (23 - 24)

To be Signed at the end of the each Assessment

Assessment Report	CIA - I	CIA - II	
Assessment Date	24.11.23	02.01.24	
Report Due on	25.11.23	03.01.24	
Signature - HoD of Students with Date	S.d	S.d	

To be Signed at the end of the Semester

Staff in - charge	HoD of Staff	HOD of Students	Principal
K. Rackesh	S.d	S.d	

ATTENDANCE

S No.	Reg. No.	Name	Date	25	26	03	05	06	07	09	10	12	13	14	16	17	19
			Month	09	09	10	10	10	10	10	10	10	10	10	10	10	10
			Period	7	5	5	1	2	7	7	5	1	2	2	7	5	1
1.	422123 105001	Abinaya S		/	/	/	/	/	/	/	/	/	a	/	/	/	/
2.	6002	Alwin A		/	/	/	/	/	a	/	/	/	/	/	/	/	a
3.	6003	Arjunan A		/	/	/	/	/	/	/	a	/	/	/	/	a	
4.	6004	Arul Murugan T		/	/	/	/	/	/	/	a	/	/	/	/	a	/
5.	6005	Ayyappan B		/	/	/	/	/	/	/	/	/	/	/	/	/	/
6.	6006	Baihavi V		/	/	/	/	/	/	/	/	/	a	/	/	/	/
7.	6007	Balaji M		/	/	/	/	/	a	/	/	/	/	/	/	/	a
8.	6008	Devi Sri B		/	/	/	/	/	/	/	a	/	/	/	/	a	/
9.	6009	Dhinesh D		/	/	/	/	a	/	/	/	/	a	/	/	/	/
10.	6010	Dhivyadharshini E		/	/	/	/	a	/	/	/	/	a	/	/	/	/
11.	6011	Dhivya R		/	/	/	/	/	/	/	/	/	/	/	/	/	/
12.	6012	Duraimurugan k		/	/	/	a	/	/	/	/	/	/	/	/	/	/
13.	6013	DuraiSelvam R		/	/	/	a	/	/	a	/	/	/	/	a	/	/
14.	6014	Guna P		/	/	/	a	/	/	/	/	/	/	/	/	/	/
15.	6015	Harikrishnan B		/	/	/	/	/	/	/	/	/	/	/	/	/	/
16.	6016	Jayadharshan J		/	/	/	a	a	/	/	/	/	a	/	/	a	/
17.	6017	Jaya Sri B		/	/	/	/	/	a	/	/	/	/	a	/	/	/
18.	6018	Jayasuriya VK		/	/	a	/	/	/	a	/	/	/	/	a	/	/
19.	6019	Kamalinisha SM		/	/	/	/	/		/	/	a	/	/	/	/	/
20.	6020	Litheswaran S		/	/	/	/	/	/	/	/	/	/	/	/	/	/
		No. of Absentees		-	-	1	3	3	3	2	2	-	5	1	2	4	2
		Initial		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

ATTENDANCE

20	21	26	27	30	31	02	04	06	07	09	10	16	17	18	20
10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11
2	5	1	2	7	5	1	1	7	5	1	2	1	2	1	7
a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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5	3	4	2	1	-	-	1	1	-	-	-	2	-	3	1
Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

	Assessment	
	Total (40)	CIA-1	CIA-2
	40	100	96
	40	80	78
	40	96	80
	40	99	96
	40	78	84
	40	99	98
	40	96	94
	40	100	98
	40	84	80
	40	98	94
	40	99	94
	40	80	82
	40	94	86
	40	76	88
	40	98	90
	40	78	88
	40	99	82
	40	75	78
	40	99	98
	40	99	86

ATTENDANCE

S No.	Reg. No.	Name
1.	422123 105001	Abinaya
2.	6002	Alwin
3.	6003	Arjunan
4.	6004	Arul Murug
5.	6005	Ayyappan
6.	6006	Bavhavi
7.	6007	Balaji
8.	6008	Devi Sri
9.	6009	Dhinesh
10.	6010	Dhivyadharsi
11.	6011	Dhivya
12.	6012	Duraimuru
13.	6013	Durai Selva
14.	6014	Guna
15.	6015	Harikrishn
16.	6016	Jayadharsh
17.	6017	Jaya Sri
18.	6018	Jayasuriya
19.	6019	Kamalinish
20.	6020	Lithesuaran
No. of Absentees		
Initial		

21	24	27	28	30	01	02	04	05	11	12	14	15	18	19	23
11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12
5	6	7	5	1	2	7	7	5	7	5	1	2	7	1	1
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
1	-	-	3	1	1	7	3	1	3	3	1	-	1	3	3
Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.

ATTENDANCE

	Assessment	
Total (40)	CIA-1	CIA-2
40	100	96
40	80	78
40	96	80
40	99	96
40	78	84
40	99	98
40	96	94
40	100	98
40	84	80
40	98	94
40	99	94
40	80	82
40	94	86
40	76	88
40	98	90
40	78	88
40	99	82
40	75	78
40	99	98
40	99	86

S No.	Reg. No.	Name
1.	422123 105001	Abinaya
2.	6002	Alwin
3.	6003	Arjunan
4.	6004	Arul Murug
5.	6005	Ayyappan
6.	6006	Bavhavi
7.	6007	Balaji
8.	6008	Devi Sri
9.	6009	Dhinesh
10.	6010	Dhivyadharsi
11.	6011	Dhivya
12.	6012	Duraimuru
13.	6013	Durai Selvar
14.	6014	Guna
15.	6015	Harikrishn
16.	6016	Jayadharsh
17.	6017	Jaya Sri
18.	6018	Jayasuriya
19.	6019	Kamalinish
20.	6020	Lithesuvaha
No. of Absentees		
Initial		

ATTENDANCE

Attendance		
1	2	3
24	22	
23	20	
23	20	
22	21	
21	22	
24	22	
23	21	
24	22	
23	20	
23	22	
26	21	
21	19	
24	22	
22	21	
25	21	
22	21	
24	22	
22	19	
23	22	
26	22	

Assessment

Internal Component												Assessment	
Report -1 (R2021)						Report -2 (R2021)							
Assignment	Case study	Seminar	Mini Project		Total (40)	Assignment	Case study	Seminar	Mini Project		Total (40)	CIA -1	CIA -2
40					40	40					40	100	96
40					40	40					40	80	78
40					40	40					40	96	80
40					40	40					40	99	96
40					40	40					40	78	84
40					40	40					40	99	98
40					40	40					40	96	94
40					40	40					40	100	98
40					40	40					40	84	80
40					40	40					40	98	94
40					40	40					40	99	94
40					40	40					40	80	82
40					40	40					40	94	86
40					40	40					40	76	88
40					40	40					40	98	90
40					40	40					40	78	88
40					40	40					40	99	82
40					40	40					40	75	78
40					40	40					40	99	98
40					40	40					40	99	86

ATTENDANCE

S No.	Reg. No.	Name	Date	25	26	03	05	06	07	09	10	12	13	14	16	17	19
			Month	09	09	10	10	10	10	10	10	10	10	10	10	10	10
			Period	7	5	5	1	2	7	7	5	1	2	2	7	5	1
21.	6021	Mano Preethi A		/	/	/	/	/	/	/	/	/	/	/	/	/	/
22.	6022	Mohamed Rafil N		/	/	/	/	/	/	/	a	/	/	/	/	/	a
23.	6023	Mohanbarath M		/	/	/	/	a	/	/	/	/	/	/	/	a	/
24.	6024	Prasanth M		/	/	/	/	/	/	/	/	/	/	a	/	/	/
25.	6025	Praveena N		/	/	/	/	/	a	/	/	/	/	/	/	✗	/
26.	6026	Praveenkumar P		/	/	/	/	/	/	/	a	/	/	/	/	/	a
27.	6027	Rabinraj G		/	/	/	/	/	/	a	/	/	/	/	/	a	/
28.	6028	Rohan Raj A		/	/	/	a	/	/	/	/	a	/	/	a	/	/
29.	6029	Sangeetha K		/	/	/	/	/	a	/	/	/	a	/	/	/	/
30.	6030	Santhana krishnan		/	/	/	/	/	/	a	/	/	/	/	/	a	/
31.	6031	Senthamizhselvi R		/	/	/	/	a	/	/	/	/	/	/	/	/	/
33.	6032	Sibi G		/	/	/	/	/	a	/	/	a	/	/	/	/	a
34.	6033	Sivaranjani K		/	/	/	/	/	/	a	/	/	/	/	/	/	/
35.	6034	Sriranjani K		/	/	/	/	/	/	a	/	/	/	/	/	/	/
36.	6035	Surendiraprabu S		/	/	/	a	/	/	/	/	a	/	/	/	/	/
37.	6036	Sweety porcia V		/	/	/	/	/	/	/	a	/	/	/	/	/	/
38.	6037	Vanitha S		/	/	/	/	/	/	/	/	/	/	/	/	/	/
39.	6038	Vimalraj R		/	/	/	/	/	/	/	a	/	/	/	/	/	/
40.	6039	Vishwa J		/	/	/	/	/	/	/	/	/	/	/	/	/	/
		No. of Absentees															
		Initial															

ATTENDANCE

20	21	24	27	30	31	02	04	06	07	09	10	16	17	18	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	5	1	2	7	5	1	1	7	5	1	2	1	2	1	7
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
a	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	a	/
a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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a	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
/	/	/	/	/	/	/	/	/	/	/	a	/	/	/	

		Assessment	
	Total (40)	CIA-1	CIA-2
	40	99	96
	40	96	78
	40	98	80
	40	99	86
	40	80	82
	40	84	84
	40	76	84
	40	84	94
	40	99	86
	40	86	100
	40	94	100
	40	74	80
	40	100	86
	40	100	94
	40	96	80
	40	99	86
	40	98	94
	40	94	86
	40	98	84

ATTENDANCE

S No.	Reg. No.	Name
21.	6021	Mano Preeth
22.	6022	Mohamed R
23.	6023	Mohanbara
24.	6024	Prasanth
25.	6025	Praveena
26.	6026	Praveenku
27.	6027	Rabinraj
28.	6028	Rohan Raj
29.	6029	Sangeetha
30.	6030	Santhana
31.	6031	Senthamizhs
33.	6032	Sibi
34.	6033	Sivaranjan
35.	6034	Sriranjani
36.	6035	Surendira
37.	6036	Sweety P
38.	6037	Vanithika
39.	6038	Vimalraj
40.	6039	Vishwa
No. of Absentees		
Initial		

21	24	27	28	30	01	03	04	05	11	12	14	15	18	19	20
11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	12
5	2	7	5	1	2	7	7	5	7	5	1	2	7	1	1
/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/
/	/	/	a	/	/	a	/	a	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/
/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
/	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	a	/	/	a	/	a	/	/	/	/	/	/	/
/	/	/	a	/	/	a	a	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
/	/	a	/	/	/	/	/	/	/	/	/	/	a	/	/
/	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/

ATTENDANCE

		Assessment		
		Total (40)	CIA-1	CIA-2
		40	99	96
		40	96	78
		40	78	80
		40	99	86
		40	80	82
		40	84	84
		40	76	84
		40	84	94
		40	99	86
		40	86	100
		40	94	100
		40	74	80
		40	100	86
		40	100	94
		40	96	80
		40	99	86
		40	98	94
		40	94	86
		40	98	84

ATTENDANCE

S No.	Reg. No.	Name	Attendance 1	2	3
21.	6021	Mano Preeth	26	22	
22.	6022	Mohamed F	23	20	
23.	6023	Mohanbaro	24	22	
24.	6024	Prasanth	25	20	
25.	6025	Praveena	24	22	
26.	6026	Praveenku	24	22	
27.	6027	Rabinraj	22	21	
28.	6028	Rohan Raj	24	22	
29.	6029	Sangeetha	24	21	
30.	6030	Santhana l	24	22	
31.	6031	Senthamizhs	24	21	
33.	6032	Sibi	23	21	
34.	6033	Sivaranjan	23	22	
35.	6034	Sriranjani	22	20	
36.	6035	Surendira	24	22	
37.	6036	Sweety P	29	22	
38.	6037	Vanthika	26	22	
39.	6038	Vimalraj	24	21	
40.	6039	Vishwa	24	21	
No. of Absentees					
Initial					

Assessment

Internal Component											Assessment	
Report -1 (R2021)						Report -2 (R2021)						
Assignment	Case study	Seminar	Mini Project		Total (40)	Assignment	Case study	Seminar	Mini Project		Total (40)	CIA -1	CIA -2
40					40	40					40	99	96
40					40	40					40	96	78
40					40	40					40	98	80
40					40	40					40	99	86
40					40	40					40	80	82
40					40	40					40	84	84
40					40	40					40	76	84
40					40	40					40	84	94
40					40	40					40	99	86
40					40	40					40	86	100
40					40	40					40	94	100
40					40	40					40	74	80
40					40	40					40	100	86
40					40	40					40	100	94
40					40	40					40	96	80
40					40	40					40	99	86
40					40	40					40	98	94
40					40	40					40	94	86
40					40	40					40	98	84

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period		
1	25/09/23	7	Centre of Mass	K_1
2	26/09/23	5	Motion of C.M - K.E - particle	K_1
3	03/10/23	5	Rotational kinematics	K_2
4	05/10/23	1	Moment of Inertia - Theorem	K_1
5	06/10/23	2	M.I of diatomic Molecule	K_3
6	07/10/23	7	Conservation of Angular Momentum	K_2
7	09/10/23	7	Rotational Energy state	K_2
8	10/10/23	5	Torsional, double pendulum	K_3
9	12/10/23	1	Gyroscope	K_2
10	13/10/23	2	SHM - Resonance - Analog	K_1
11	14/10/23	2	Cell phone Reception	K_2
12	16/10/23	7	Doppler Effect	K_2
13	17/10/23	5	Michelson Interferometer	K_3
14	19/10/23	1	Air wedge - Theory	K_3
15	20/10/23	2	Einstein A & B Coefficients	K_3
16	21/10/23	5	Nd-YAG Laser	K_3
17	23/10/23	1	CO_2 laser	K_3
18	30/10/23	2	Semi-Conductor laser	K_3

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T_1	25/09/23	7		BB	K.R
T_1	26/09/23	5		BB	K.R
T_1	03/10/23	5		BB	K.R
T_1	05/10/23	1		BB	K.R
T_1	06/10/23	2		PPT	K.R
T_1	07/10/23	7		BB	K.R
T_1	09/10/23	7		PPT	K.R
T_1	10/10/23	5		PPT	K.R
T_1	12/10/23	1		PPT	K.R
T_1	13/10/23	2		PPT	K.R
T_1	14/10/23	2		PPT	K.R
T_1	16/10/23	7		BB	K.R
T_1	17/10/23	5		PPT	K.R
T_1	19/10/23	1		BB	K.R
T_1	20/10/23	2		BB	K.R
T_1	21/10/23	5		PPT	K.R
T_1	23/10/23	1		PPT	K.R
T_1	30/10/23	2		PPT	K.R

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period		
19	31/10/23	7	Harmonic oscillator	K_1
20	02/11/23	5	Barrier penetration	K_2
21	04/11/23	1	Quantum Tunneling	K_3
22	05/11/23	1	Scanning Tunneling Microscope	K_3
23	06/11/23	7	Resonant diode	K_2
24	09/11/23	5	Finite potential well	K_3
25	10/11/23	1	Bloch's theorem	K_3
26	16/11/23	2	Kronig - penny Model	K_2
27	17/11/23	1	origin of Energy Bands	K_1
28	18/11/23	2	Maxwell Equation - Integral	K_2
29	20/11/23	1	Maxwell Equation - differential	K_2
30	21/11/23	7	plane ElectroMagnetic Wave - vacuum	K_3
31	24/11/23	5	plane ElectroMagnetic Wave - dielectric	K_3
32	27/11/23	2	properties of Electro-Magnetic Wave	K_1
33	28/11/23	7	Sources of Electro-Mag wave	K_1
34	30/11/23	5	Reflection & Transmission - Conducting	K_3
35	01/12/23	1	Reflection & Transmission - non-conduc	K_3
36	02/12/23	2	polarization	K_1

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T_1	31/10/23	7		BB	K.Gr
T_1	02/11/23	5		BB	K.Gr
T_1	04/11/23	1		BB	K.Gr
T_1	05/11/23	1		PPT	K.Gr
T_1	06/11/23	7		PPT	K.Gr
T_1	09/11/23	5		BB	K.Gr
T_1	10/11/23	1		BB	K.Gr
T_1	16/11/23	2		BB	K.Gr
T_1	17/11/23	1		BB	K.Gr
T_1	18/11/23	2		BB	K.Gr
T_1	20/11/23	1		BB	K.Gr
T_1	21/11/23	7		BB	K.Gr
T_1	24/11/23	5		BB	K.Gr
T_1	27/11/23	2		BB	K.Gr
T_1	28/11/23	7		BB	K.Gr
T_1	30/11/23	5		BB	K.Gr
T_1	01/12/23	1		BB	K.Gr
T_1	02/12/23	2		PPT	K.Gr

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period		
37	04/12/23	7	photons and light waves	K_1
38	05/12/23	7	Compton effect	K_2
39	11/12/23	5	Expression for Compton Scattering	K_3
40	12/12/23	7	Schroedinger - Time Independent	K_3
41	14/12/23	5	Time Dependent	K_3
42	15/12/23	1	particle in 3D Boxes	K_2
43	17/12/23	2	particle in 2D Boxes	K_2
44	18/12/23	7	particle in 1D Boxes	K_2
45	19/12/23	1	Normalization & Probabilities	K_1

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T_1	04/12/23	7		PPT	K.R
T_1	05/12/23	7		BB	K.R
T_1	11/12/23	5		BB	K.R
T_1	12/12/23	7		BB	K.R
T_1	14/12/23	5		BB	K.R
T_1	15/12/23	1		BB	K.R
T_1	17/12/23	2		BB	K.R
T_1	18/12/23	7		BB	K.R
T_1	19/12/23	1		BB	K.R

Time Table

PERIOD / DAY	1	2	3	4	5	6	7	8
Monday							PH3151	
Tuesday					PH3151			
Wednesday								
Thursday	PH3151							
Friday		PH3151						

Unit Completion Details

Unit No.	Unit Description	Start Date	Finish Date	No. of Hours
1	UNIT - I	25/09/23	12/10/23	9
2	UNIT - III	13/10/23	30/10/23	9
3	UNIT - IV	31/10/23	17/11/23	9
4	UNIT - II	18/11/23	02/12/23	9
5	UNIT - IV	04/12/23	19/12/23	9

Subject In-Charge HoD of Students Principal

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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COURSE OUTCOMES:

CO. No	COURSE OUTCOMES	Knowledge level
CO1	Understand the importance of mechanics.	K2
CO2	Express their knowledge in electromagnetic waves.	K2
CO3	Demonstrate a strong foundational knowledge in oscillations, optics and lasers.	K2
CO4	Understand the importance of quantum physics.	K2
CO5	Comprehend and apply quantum mechanical principles towards the formation of energy bands	K2

BLOOM'S TAXONOMY: K-Level [K1-Remember, K2-Understand, K3 – Apply, K4-Analyze, K5-Evaluate, K6-create]

CO's-PO's & PSO's MAPPING

PROGRAM OUTCOME	COUSRE OUTCOME				
	1	2	3	4	5
PO	3	3	3	3	3
PO2	3	3	3	3	3
PO3	2	2	2	1	1
PO4	1	1	2	1	1
PO5	1	2	2	2	2
PO6	1	1	1	1	1
PO7	-	-	-	-	-
PO8	-	-	-	-	-
PO9	-	-	-	-	-
PO10	-	-	-	-	-
PO11	-	-	-	-	-
PO12	-	-	1	-	-
PSO1	-	-	-	-	-
PSO2	-	-	-	-	-
PSO3	-	-	-		-

Regulation 2021: 1 - low, 2 - medium, 3 - high, '-' - no correlation

Teaching Aids:

T1 – Textbook
OHP – Overhead Projector
L1-Lecture
R1-Reference Book
A-Animations
T-Tutorial
BB-Black Board
M-Models and Demo
A1-Assignment
PPT-Power Point
V-Video Lecture

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INDEX

EVEN SEMESTER

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ANNA UNIVERSITY
INTERNAL ASSESSMENT SCHEDULE

ANNA UNIVERSITY:: CHENNAI 600 025
OFFICE OF THE CONTROLLER OF EXAMINATION

February 2024 – May 2024 - (SEMESTER – VIII, X)

FOR ALL UG (FT/PT)/MBA (5 YRS INTEGRATED) PROGRAMMES- R 2014&2017

Report No	Report Period	Test Period	Report Entry Period
I	01-02-2024 – 19-02-2024	---	19-02-2024 – 23-02-2024
II	20-02-2024 -- 13-03-2024	08-03-2024 -- 13-03-2024	13-03-2024 – 20-03-2024
III	14-03-2024 -- 06-04-2024	01-04-2024 -- 06-04-2024	06-04-2024 – 12-04-2024
IV	08-04-2024 -- 03-05-2024	29-04-2024 -- 03-05-2024	03-05-2024 - 04-05-2024

Saturdays may be included as working days to make good the Shortages, if any.

30.01.2024

CONTROLLER OF EXAMINATIONS

30/01/2024

ANNA UNIVERSITY:: CHENNAI 600 025

OFFICE OF THE CONTROLLER OF EXAMINATION

February 2024 – May 2024 - (SEMESTER – VI) – R-2021

FOR ALL UG PROGRAMMES/ M.B.A (5Yrs Integrated) VI Sem

Report No	Report Period	Test Period	Report Entry Period
I	01-02-2024 – 13-03-2024	08-03-2024 – 13-03-2024	13-03-2024 – 20-03-2024
II	14-03-2024 -- 03-05-2024	29-04-2024 -- 03-05-2024	03-05-2024 – 04-05-2024

Saturdays may be included as working days to make good the Shortages, if any.

30.01.2024

CONTROLLER OF EXAMINATIONS

30/01/2024

ANNA UNIVERSITY:: CHENNAI 600 025

Internal Assessment Schedule for Non Autonomous Affiliated Institutions

MARCH 2024 – JUNE 2024 - (SEMESTER – II, IV)

UG/PG (FT/PT) Degree Programmes

B.E/B.TECH/M.E/M.TECH/M.ARCH/M.B.A/M.C.A/M.B.A(5 YRS INTG).

Report No	Report Period	Test Period	Report Entry Period
I	13-03-2024 – 29-04-2024	23-04-2024 – 29-04-2024	29-04-2024 – 03-05-2024
II	30-04-2024 -- 13-06-2024	08-06-2024 -- 13-06-2024	13-06-2024 -- 14-06-2024

Saturdays may be included as working days to make good the Shortages, if any.

20.03.2024

CONTROLLER OF EXAMINATIONS

20/03/2024

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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CONTINUOUS INTERNAL ASSESSMENT TEST

(Time Table)

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/14 **Date:** 28.02.2024

It is informed to the **3rd and 4th year students** that the commencement of **CIA-I Examinations** is scheduled from **11.03.2024 to 16.03.2024.**

Exam Timing: **09:30 AM** to **11:00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks

Part – C: 01 X 14 = 14 Marks

Staff members are requested to follow the instructions given below:

1. A Soft Copy of the question paper should be **uploaded in the faculty login** and on or before **02.03.2024.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 Minutes** before the commencement of the examinations.
3. Marks should be UPLOADED within two days to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

28/2/2024

EXAM CELL CO-ORDINATOR

28/2/24

PRINCIPAL

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

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ANGUCHETTYPALAYAM, PANRUTI - 607106

CONTINUOUS INTERNAL ASSESSMENT - I

TIME TABLE

TIME : 09.30AM to 11.00AM **PERIOD : FEB 2024 – MAY 2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
11.03.2024 (MON) (FN)	III / 06	CS 3691- Embedded Systems and IOT	EE 3007-Smart Grid	OBT 351- Food, Nutrition and Health	CME 396- Process Planning and Cost Estimation.
	IV / 08	GE 8076- Professional Ethics In Engineering	EE 8018- Microcontroller Based System Design	GE 8076- Professional Ethics in Engineering	MG 8091- Entrepreneurship Development
12.03.2024 (TUE) (FN)	III / 06	CCS 356-Object Oriented Software Engineering	EE 3036-Sustainable and Environmental Friendly HV Insulation System	CS 3491- Artificial Intelligence and Machine Learning	CME 384- Power Plant Engineering
	IV / 08	CS 8078- Green Computing	MG 8591-Principles of Management	EC 8094- Satellite Communication	MG 8591- Principles of Management
13.03.2024 (WED) (FN)	III / 06	CCS 345-Ethics and AI	EE 3033-Hybrid Electric Technology	CEC 331- 4G/5G Communication Networks	ME 3691- Heat and Mass Transfer
	IV / 08	PROJECT REVIEW 1	PROJECT REVIEW 1	PROJECT REVIEW 1	PROJECT REVIEW 1
14.03.2024 (THUR) (FN &AN)	III / 06	CCS 336- Cloud Service Management	EE 3601-Protection and Switchgear	CBM 342- Brain Computer Interface and applications	CME396-Thermal Power Engineering
	III / 06	CCS 341-Data Warehousing	NIL	NIL	NIL
16.03.2024 (SAT) (FN &AN)	III / 06	CCS 354- Network Security	EE 3602- Power System Operation and Control	ET 3491-Embedded Systems and IOT Design	CME 366-Equipment for Pollution Control
	III / 06	MX3085 - Well Being with Traditional Practices (Yoga, Ayurveda and Siddha)	MX3089 -Industrial Safety	MX3085 - Well Being with Traditional Practices (Yoga, Ayurveda and Siddha)	MX3088 -State, Nation Building and Politics in India

13/3/2024
EXAMCELL COORDINATOR

13/3/2024
DEAN OF EXCELLENCE

PRINCIPAL
Dr.R.ARUKTADASS, M.E., Ph.D.,
Principal,

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EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/16 **Date:** 05.04.2024

It is informed to all the **students** that the commencement of **CIA Examinations** is scheduled from **24. 04. 2024 to 02. 05. 2024.**

CIA I (II, IV Semester): 09:30 AM to **11:00 AM**

CIA II (VI Semester) : 09:30 AM to **11:00 AM**

CIA III (VIII Semester): 09:30 AM to **12:30 PM**

Question paper pattern: Total: **50 Marks**	Total: **100 Marks**
Part – A: 05 X 02 = 10 Marks	**Part – A: 10 X 02 = 20 Marks**
Part – B: 02 X 13 = 26 Marks	**Part – B: 05 X 13 = 65 Marks**
Part – C: 01 X 14 = 14 Marks	**Part – C: 01 X 15 = 15 Marks**

Staff members are requested to follow the instructions given below:

1. A Soft Copy of the question paper should be **uploaded in the faculty login** on or before **17.04.2024.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 Minutes** before the commencement of the examinations.
3. Marks should be UPLOADED within two days to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

5/4/2024 5/4/2024

EXAM CELL CO-ORDINATOR **DEAN OF EXCELLENCE** **PRINCIPAL**

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

CONTINUOUS INTERNAL ASSESSMENT - I

TIME TABLE

TIME : 09.30 AM to 11.00 AM **PERIOD : MARCH 2024 – JUNE 2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT				
		CSE	EEE	ECE	MECH	CSE(AIML)
24.04.2024 (Wednesday)	I / 02	**HS3251**-Professional English - II	**HS3251**-Professional English - II	**HS3251**-Professional English - II	**GE3252**-Tamils and Technology	**GE3252**-Tamils and Technology
25.04.2024 (Thursday)	I / 02	**PH3256**-Physics for Information Science	**GE3252**-Tamils and Technology	**GE3252**-Tamils and Technology	**HS3251**-Professional English - II	**HS3251**-Professional English - II
26.04.2024 (Friday)	I / 02	**CS3251**-Programming in C	**PH3202**-Physics for Electrical Engineering	**PH3254**-Physics for Electronics Engineering	**BE3251**-Basic Electrical and Electronics Engineering	**BE3251**-Basic Electrical and Electronics Engineering
27.04.2024 (Saturday)	I / 02	**GE3252**-Tamils and Technology	**MA3251**-Statistics and Numerical Methods	**MA3251**-Statistics and Numerical Methods	**PH3251**-Materials Science	**PH3256**-Physics for Information Science
29.04.2024 (Monday)	I / 02	**MA3251**-Statistics and Numerical Methods	**EE3251**-Electric Circuit Analysis	**BE3254**- Electrical and Instrumentation Engineering	**GE3251**-Engineering Graphics	**GE3251**-Engineering Graphics
30.04.2024 (Tuesday)	I / 02	**GE3251**-Engineering Graphics	**BE3255**-Basic Civil and Mechanical Engineering	**BE3251**-Basic Electrical and Electronics Engineering	**MA3251**-Statistics and Numerical Methods	**MA3251**-Statistics and Numerical Methods
02.05.2024 (Thursday)	I / 02	**BE3251**-Basic Electrical and Electronics Engineering	**GE3251**-Engineering Graphics	**GE3251**-Engineering Graphics	-NIL-	**CS3251**-Programming in C

12/4/24

EXAM CELL CO-ORDINATOR

12/4/2024

DEAN OF EXCELLENCE

12/4/2024

PRINCIPAL

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

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CONTINUOUS INTERNAL ASSESSMENT - I

TIME TABLE

TIME : 09.30 AM to 11.00 AM

PERIOD : MARCH 2024 – JUNE 2024

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
24.04.2024 (Wednesday)	**II / 04**	**CS3492**-Theory of Computation	**EE 3401**-Transmission and Distribution	**EC3452**-Electromagnetic Fields	**ME 3491**-Theory of Machines
25.04.2024 (Thursday)	**II / 04**	**CS3491**-Artificial Intelligence and Machine Learning	**EE 3402**-Linear Integrated Circuits	**EC3401**-Networks and Security	**ME 3451**-Thermal Engineering
27.04.2024 (Saturday)	**II / 04**	**CS3492**-Database Management Systems	**GE3451**-Environmental Sciences and Sustainability	**EC3492** -Digital Signal Processing	**GE3451**-Environmental Sciences and Sustainability
29.04.2024 (Monday)	**II / 04**	**CS3401**-Algorithms	**EE 3404**-Microprocessor and Microcontroller	**EC3451**-Linear Integrated Circuits	**ME 3493**-Manufacturing Technology
30.04.2024 (Tuesday)	**II / 04**	**CS3451**-Introduction to Operating Systems	**EE 3405**-Electrical Machines - II	**GE3451**-Environmental Sciences and Sustainability	**CE 3491**-Strength of Materials
02.05.2024 (Wednesday)	**II / 04**	**GE3451**-Environmental Sciences and Sustainability	**EE 3403**-Measurements and Instrumentation	**EC3491**-Communication Systems	**ME 3492**-Hydraulics and Pneumatics

EXAM CELL CO-ORDINATOR

DEAN OF EXCELLENCE

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Dr.R.AROKIADASS, M.E., Ph.D.,
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CONTINUOUS INTERNAL ASSESSMENT - III

TIME TABLE

TIME : 09.30AM to 12.30PM

PERIOD : FEBRUARY 2024– MAY 2024

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
29.04.2024 (Monday)	**IV / 08**	**GE 8076-** Professional Ethics In Engineering	**EE 8018-** Microcontroller Based System Design	**GE 8076-** Professional Ethics in Engineering	**MG 8591-** Principles of Management
30.04.2024 (Tuesday)	**IV / 08**	**CS 8078-** Green Computing	**MG 8591-**Principles of Management	**EC 8094-** Satellite Communication	**MG 8091-** Entrepreneurship Development
02.05.2024 (Thursday)	**IV / 08**	**Final Review**	**Final Review**	**Final Review**	**Final Review**

12/4/24

EXAM CELL CO-ORDINATOR

12/4/2024

DEAN OF EXCELLENCE

12/4/24

PRINCIPAL

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
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EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/15 **Date:** 25.03.2024

It is informed to the **4th year students** that the commencement of **CIA-II Examinations** is scheduled from **04.04.2024 to 05.04.2024.**

Exam Timing: **09:30 AM** to **11:00 AM**

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks

Part – B: 02 X 13 = 26 Marks

Part – C: 01 X 14 = 14 Marks

Staff members are requested to follow the instructions given below:

1. A Soft Copy of the question paper should be **uploaded in the faculty login** and on or before **28.03.2024.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 Minutes** before the commencement of the examinations.
3. Marks should be UPLOADED within two days to the following Link: **http://stannescet.ac.in** and log in to **Faculty/Staff Login.**

V. Vembathurai 25/3/2024
EXAM CELL CO-ORDINATOR

25/3/2024
DEAN OF EXCELLENCE

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CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE

TIME : 09.30AM to 11.00AM **PERIOD : FEB 2024 – MAY 2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
04..04.2024 (FN)	IV / 08	**GE 8076-** Professional Ethics In Engineering	**EE 8018-** Microcontroller Based System Design	**GE 8076-** Professional Ethics in Engineering	**MG 8091-** Entrepreneurship Development
05.04.2024 (FN)	IV / 08	**CS 8078-** Green Computing	**MG 8591-**Principles of Management	**EC 8094-** Satellite Communication	**MG 8591-** Principles of Management
06.04.2024 (FN)	IV / 08	**PROJECT REVIEW II**	**PROJECT REVIEW II**	**PROJECT REVIEW II**	**PROJECT REVIEW II**

V. Vinoth Thiyagu 26/3/2024
EXAMCELL COORDINATOR

26/3/2024
DEAN OF EXCELLENCE

26/3/24
PRINCIPAL

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CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE

TIME : 09.30 AM to 11.00 AM **PERIOD : FEBRUARY 2024 – MAY 2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
24.04.2024 (Wednesday)	**III / 06**	**CS 3691-** Embedded Systems and IOT	**EE 3007-**Smart Grid	**CS 3491-** Artificial Intelligence and Machine Learning	**CME 396-** Process Planning and Cost Estimation.
25.04.2024 (Thursday)	**III / 06**	**CCS 356-**Object Oriented Software Engineering	**EE 3036-**Sustainable and Environmental Friendly HV Insulation System	**OBT 351-** Food, Nutrition and Health	**CME 384-** Power Plant Engineering
27.04.2024 (Saturday)	**III / 06**	**CCS 336-** Cloud Service Management	**EE 3033-**Hybrid Electric Technology	**CEC 331-** 4G/5G Communication Networks	**CME 366-**Equipment for Pollution Control
29.04.2024 (Monday)	**III / 06**	**CCS 354-** Network Security	**EE 3601-**Protection and Switchgear	**CBM 342-** Brain Computer Interface and applications	**CME396-**Thermal Power Engineering
30.04.2024 (Tuesday)	**III / 06**	**CCS 341-**Data Warehousing	**EE 3602-** Power System Operation and Control	**ET 3491-**Embedded Systems and IOT Design	**ME 3691-** Heat and Mass Transfer
02.05.2024 (Thursday)	**III / 06 (FN)**	**CCS 345-**Ethics and AI	**MX3089** -Industrial Safety	**MX3085** - Well Being with Traditional Practices (Yoga, Ayurveda and Siddha)	**MX3088** -State, Nation Building and Politics in India
	III / 06 (AN)	**MX3085** - Well Being with Traditional Practices (Yoga, Ayurveda and Siddha)			

12/4/24

EXAM CELL CO-ORDINATOR

12/4/2024

DEAN OF EXCELLENCE

12/4/24

PRINCIPAL

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/20 **Date:** 27.05.2024

It is informed to all the **I and II Year students** that the commencement of **CIA II Examinations** is scheduled from **03.05.2024 to 11. 05. 2024.**

CIA II(II, IV Semester):09:30 AM to 11:00 AM

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks
Part – B: 02 X 13 = 26 Marks
Part – C: 01 X 14 = 14 Marks

Staff members are requested to follow the instructions given below:

1. A Soft Copy of the question paper should be **uploaded in the faculty login** on or before **30.05.2024.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 Minutes** before the commencement of the examinations.
3. Marks should be UPLOADED within two days to the following

Link: **http://stannescet.ac.in** analog in to **Faculty/Staff Login.**

V. Venkatesan 27/5/2024
EXAM CELL CO-ORDINATOR

23/5/24
DEAN OF EXCELLENCE

28/5/24
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CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE (II-YEAR)

TIME : 09.30AM to 11.00AM **PERIOD : FEB–JUNE2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
03.06.2024 (MON)	II / 04	CS3492-Theory of Computation	EE 3401-Transmissionand Distribution	EC3452-Electromagnetic Fields	ME 3491-Theory of Machines
04.06.2024 (TUE)	II / 04	CS3451-Introduction to Operating	EE 3402-Linear Integrated Circuits	EC3401-Networks and Security	ME 3451-Thermal Engineering
05.06.2024 (WED)	II / 04	CS3492-Database Management Systems	EE 3403-Measurements and Instrumentation	EC3492 -Digital Signal Processing	GE3451-Environmental Sciences and Sustainability
06.06.2024 (THUR)	II / 04	CS3401-Algorithms	EE 3404-Microprocessor and Microcontroller	EC3451-Linear Integrated Circuits	ME 3493-Manufacturing Technology
08.06.2024 (SAT)	II / 04	GE3451-Environmental Sciences and Sustainability Systems	EE 3405-Electrical Machines -II	GE3451-Environmental Sciences and Sustainability	CE 3491-Strength of Materials
10.06.2024 (MON)	II / 04	CS3491-Artificial Intelligence and Machine Learning	GE3451-Environmental Sciences and Sustainability	EC3491-Communication Systems	ME 3492-Hydraulics and Pneumatics

V. Venkatesan 27/5/2024
EXAMCELL COORDINATOR

27/5/24
DEAN OF EXCELLENCE

PRINCIPAL

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

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ANGUCHETTYPALAYAM, PANRUTI – 607106

CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE (I-YEAR)

TIME: 09.30AM to 11.00AM **PERIOD: FEB–JUNE2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT				
		CSE	EEE	ECE	MECH	CSE(AIML)
03.06.2024 (MON)	I / 02	HS3251-Professional English - II	HS3251-Professional English - II	HS3251-Professional English - II	GE3252-Tamils and Technology	GE3252-Tamils and Technology
04.06.2024 (TUE)	I / 02	PH3256-Physics for Information Science	GE3252-Tamils and Technology	GE3252-Tamils and Technology	HS3251-Professional English - II	HS3251-Professional English - II
05.06.2024 (WED)	I / 02	CS3251-Programming in C	PH3202-Physics for Electrical Engineering	PH3254-Physics for Electronics Engineering	BE3251-Basic Electrical and Electronics	BE3251-Basic Electrical and Electronics Engineering
06.06.2024 (THUR)	I / 02	GE3252-Tamils and Technology	MA3251-Statistics and Numerical Methods	MA3251-Statistics and Numerical Methods	PH3251-Materials Scier	PH3256-Physics for Information Science
07.06.2024 (FRI)	I / 02	MA3251-Statistics and Numerical Methods	EE3251-Electric Circuit Analysis	BE3254- Electrical and Instrumentation Engineering	GE3251-Engineering Graphics	GE3251-Engineering Graphics
08.06.2024 (SAT)	I / 02	GE3251-Engineering Graphics	BE3255-Basic Civil and Mechanical Engineering	BE3251-Basic Electrical and Electronics Engineering	MA3251-Statistics and Numerical Methods	MA3251-Statistics and Numerical Methods
10.06.2024 (MON)	I / 02	BE3251-Basic Electrical and Electronics Engineering	GE3251-Engineering Graphics	GE3251-Engineering Graphics	-NIL-	CS3251-Programming in C

V. Venkatesan 27/5/24
EXAMCELL COORDINATOR

27/5/24
DEAN OF EXCELLENCE

28/5/24
PRINCIPAL

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

CIRCULAR

2023-2024

CIR. NO: SACET/EXAM/CIR/20 **Date:** 27.05.2024

It is informed to all the **I and II Year students** that the commencement of **CIA II Examinations** is scheduled from **03.05.2024 to 11. 05. 2024.**

CIA II(II, IV Semester):09:30 AM to 11:00 AM

Question paper pattern: Total: **50 Marks**

Part – A: 05 X 02 = 10 Marks
Part – B: 02 X 13 = 26 Marks
Part – C: 01 X 14 = 14 Marks

Staff members are requested to follow the instructions given below:

1. A Soft Copy of the question paper should be **uploaded in the faculty login** on or before **30.05.2024.**
2. The Invigilators are asked to refer the invigilation schedule and report to the exam cell **15 Minutes** before the commencement of the examinations.
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Link: **http://stannescet.ac.in** analog in to **Faculty/Staff Login.**

V. Vinothkumar 27/5/2024
EXAM CELL CO-ORDINATOR

23/5/24
DEAN OF EXCELLENCE

28/5/24
PRINCIPAL

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CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE (I-YEAR)

TIME: 09.30AM to 11.00AM **PERIOD: FEB–JUNE2024**

DATE	YEAR/ SEM	BRANCH & SUBJECT				
		CSE	EEE	ECE	MECH	CSE(AIML)
03.06.2024 (MON)	I / 02	HS3251-Professional English - II	HS3251-Professional English - II	HS3251-Professional English - II	GE3252-Tamils and Technology	GE3252-Tamils and Technology
04.06.2024 (TUE)	I / 02	PH3256-Physics for Information Science	GE3252-Tamils and Technology	GE3252-Tamils and Technology	HS3251-Professional English - II	HS3251-Professional English - II
05.06.2024 (WED)	I / 02	CS3251-Programming in C	PH3202-Physics for Electrical Engineering	PH3254-Physics for Electronics Engineering	BE3251-Basic Electrical and Electronics	BE3251-Basic Electrical and Electronics Engineering
06.06.2024 (THUR)	I / 02	GE3252-Tamils and Technology	MA3251-Statistics and Numerical Methods	MA3251-Statistics and Numerical Methods	PH3251-Materials Scien	PH3256-Physics for Information Science
07.06.2024 (FRI)	I / 02	MA3251-Statistics and Numerical Methods	EE3251-Electric Circuit Analysis	BE3254- Electrical and Instrumentation Engineering	GE3251-Engineering Graphics	GE3251-Engineering Graphics
08.06.2024 (SAT)	I / 02	GE3251-Engineering Graphics	BE3255-Basic Civil and Mechanical Engineering	BE3251-Basic Electrical and Electronics Engineering	MA3251-Statistics and Numerical Methods	MA3251-Statistics and Numerical Methods
10.06.2024 (MON)	I / 02	BE3251-Basic Electrical and Electronics Engineering	GE3251-Engineering Graphics	GE3251-Engineering Graphics	-NIL-	CS3251-Programming in C

V. Venkatesan 27/5/24
EXAMCELL COORDINATOR

27/5/24
DEAN OF EXCELLENCE

28/5/24
PRINCIPAL

Dr. R. AROKIADASS, M.E., Ph.D.,
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ATTENDANCE
&
ASSESSMENT RECORD
(AAR)

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affilliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

ATTENDANCE AND ASSESSMENT RECORD

Name of the Staff : A. SUNDARA PANDIYAN

Department of the Staff : EEE

Semester / Subject : II / ECA

Period : 2023 - 2024

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.

EE3251 ELECTRIC CIRCUIT ANALYSIS L T P C 3 1 0 4

COURSE OBJECTIVES:

- To introduce electric circuits and its analysis
- To provide key concepts to analyze and understand electrical circuits
- To impart knowledge on solving circuit equations using network theorems
- To educate on obtaining the transient response of circuits.
- To introduce the phenomenon of resonance in coupled circuits.
- To introduce Phasor diagrams and analysis of single &three phase circuits

UNIT I BASIC CIRCUITS ANALYSIS 9+3

Fundamentals concepts of R, L and C elements-Energy Sources- Ohm's Law -Kirchhoff 's Laws – DC Circuits – Resistors in series and parallel circuits - A.C Circuits – Average and RMS Value – Complex Impedance – Phasor diagram - Real and Reactive Power, Power Factor, Energy -Mesh current and node voltage methods of analysis D.C and A.C Circuits.

UNIT II NETWORK REDUCTION AND THEOREMS FOR DC AND AC CIRCUITS 9+3

Network reduction: voltage and current division, source transformation – star delta conversion. Theorems – Superposition, Thevenin's and Norton's Theorem – Maximum power transfer theorem – Reciprocity Theorem – Millman's theorem- Tellegen's Theorem-Statement, application to DC and AC Circuits.

UNIT III TRANSIENT RESPONSE ANALYSIS 9+3

Introduction – Laplace transforms and inverse Laplace transforms- standard test signals -Transient response of RL, RC and RLC circuits using Laplace transform for Source free, Step input and Sinusoidal input.

UNIT IV RESONANCE AND COUPLED CIRCUITS 9+3

Series and parallel resonance –frequency response – Quality factor and Bandwidth – Self and mutual inductance – Coefficient of coupling – Dot rule-Analysis of coupled circuits– Single Tuned circuits.

UNIT V THREE PHASE CIRCUITS 9+3

Analysis of three phase 3-wire and 4-wire circuits with star and delta connected loads, balanced and unbalanced – phasor diagram of voltages and currents – power measurement in three phase circuits– Power Factor Calculations.

TOTAL: 60 PERIODS

TEXT BOOKS:

1. William H. HaytJr, Jack E. Kemmerly and Steven M. Durbin, "Engineering Circuits Analysis", McGraw Hill publishers, 9thedition, New Delhi, 2020. 54
2. Charles K. Alexander, Mathew N.O. Sadiku, "Fundamentals of Electric Circuits", Second Edition, McGraw Hill, 2019.
3. Allan H. Robbins, Wilhelm C. Miller, "Circuit Analysis Theory and Practice", Cengage Learning India, 2013.

REFERENCES

1. Chakrabarti A, "Circuits Theory (Analysis and synthesis), Dhanpat Rai& Sons, New Delhi, 2020.
2. Joseph A. Edminister, Mahmood Nahvi, "Electric circuits", Schaum's series, McGraw-Hill, First Edition, 2019.
3. M E Van Valkenburg, "Network Analysis",Prentice-Hall of India Pvt Ltd, New Delhi, 2015.
4. Richard C. Dorf and James A. Svoboda, "Introduction to Electric Circuits", 7th Edition, John Wiley Sons, Inc. 2018.
5. Sudhakar A and Shyam Mohan SP, "Circuits and Networks Analysis and Synthesis", McGraHill, 2015.

Name of the Staff : A. SUNDARA PANDIYAN

Department of the Staff : EEE

Department of the Student : EEE(S&H)

Semester : II

Subject Code & Name : EE3251 / ECA Electric circuit Analysis

Period From : MARCH to MAY 2024

To be Signed at the end of the each Assessment

Assessment Report	I	II	
Assessment Date	29/4/24	7/6/24	
Report Due on	30/4/24	8/6/24	
Signature - HoD of Students with Date			

To be Signed at the end of the Semester

Staff in - charge	HoD of Staff	HOD of Students	Principal

ATTENDANCE

S No.	Reg. No.	Name	Date	12	13	14	15	19	20	21	24	26	27	28	2	3	4
			Month	3	3	3	3	3	3	3	3	3	3	3	4	4	4
			Period	5	3	3	1	5	3	3	1	5	3	3	4	3	3
1	42212310 5001	ANTONY JOHNSON RAJ		1	1	1	1	1	1	1	1	1	a	a	1	1	1
2	5002	CHRAYSON RAJ.S		1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	5003	JEEVA.S		1	1	a	a	a	a	a	1	a	a	a	a	a	a
4	5004	JERVIN.M		1	a	1	1	1	1	1	1	1	a	a	a	1	1
5	5005	KAJENDIRAN		a	1	a	a	1	a	1	1	a	a	a	1	1	a
6	5006	KAMALRAJ.D		1	1	a	1	a	a	1	a	1	1	a	1	1	1
7	5007	KISHORE.M		1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	5008	MANOJKUMAR.S		1	1	1	1	1	1	1	1	1	1	1	a	1	1
9	5009	NAYANTHARA		1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	5010	PRASANNA		a	1	1	1	1	1	1	1	1	1	1	1	1	1
11	5011	RAGUL.E		a	a	1	1	1	1	1	1	1	1	1	1	1	1
12	5012	RAJEEV.R		a	1	1	1	a	a	a	a	a	a	a	a	1	1
13	5013	SAMDANI.A		1	1	1	1	1	1	1	1	a	a	a	a	1	1
14	5014	SHANKAR.		1	1	1	1	1	1	1	1	a	a	1	1	1	1
15	5015	SIVAMANI.K		1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	5016	VINOTHKUMAR		1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	5017	YUVAN.K.		a	a	a	1	1	1	1	1	1	1	a	1	1	1
No. of Absentees				5	3	4	2	3	4	2	2	5	2	2	5	2	2
Initial																	

24/3

ATTENDANCE

	5	10	12	13	15	18	23	29	25	30	2	3	4			
	4	4	4	4	4	4	4	4	4	4	5	5	5			
	1	3	1	1	6	3	4	3	3	4	3	1	3			25
1	1	1	1	1	1	a	1	1	1	1	1	1	a			22
2	1	1	1	1	1	1	1	1	1	1	1	1	1			25
3	a	a	a	a	a	a	a	a	a	a	a	a	a			3
4	1	1	1	1	1	a	1	1	1	1	1	1	a			20
5	1	a	a	a	a	a	1	1	1	1	1	a	a			12
6	1	1	1	1	a	a	1	1	1	1	1	1	a			18
7	1	1	1	1	1	a	1	1	1	1	a	a				24
8	1	1	1	1	1	a	1	1	1	1	1	a				23
9	1	1	1	1	1	1	1	1	1	1	1	1				25
10	1	1	a	1	1	a	1	1	1	1	1	1				23
11	1	1	1	1	a	1	1	1	1	1	1	1				22
12	1	a	a	a	a	a	a	a	a	a	a	a	a			6
13	1	1	1	1	1	a	1	1	1	1	1	a				20
14	a	1	1	1	a	a	1	1	1	1	1	a				19
15	1	a	1	1	1	1	1	1	1	1	1	1				24
16	1	1	a	1	1	a	1	1	1	1	1	a				23
17	1	1	1	a	1	a	1	1	1	1	1	a				19
	2	4	5	4	6	12	2	2	2	2	2	4	12			

24/4

	Assessment	
Total (40)	CIA-1	CIA-2
	56	42
	53	70
	0	0
	62	80
	48	40
	41	41
	46	47
	66	70
	82	84
	64	52
	82	57
	0	0
	70	59
	70	40
	75	83
	70	77
	58	50

ATTENDANCE

S No.	Reg. No.	Name
1	42212310 5001	ANTONY JOHNSON
2	5002	GRAYSON RAJ
3	5003	JEEVA.S
4	5004	JERVIN.M
5	5005	KAJENDIRAN
6	5006	KAMALRAJ.D
7	5007	KISHORE.M
8	5008	MANOJKUMAR.S
9	5009	NAYANTHARA
10	5010	PRASANNA
11	5011	RAGUL.E
12	5012	RAJEEV.R
13	5013	SAMDANI.A
14	5016	SHANKAR.
15	5015	SIVAMANI.K
16	5016	VINOTHKUMAR
17	5017	YUVAN.K.
		No. of Absentees
		Initial

	7	8	9	15	16	17	10	21	22	23	24	29	28	29	30	31
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	A	3	3	3	3	1	1	4	3	1	2	3	4	3	3	1
1																
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16																
17																
	2	2	2	2	7	5	5	2	3	1	1	3	5	2	4	9
	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

ATTENDANCE

	2	2	2	2	2	2	2	2	5	5	5	5
	5	5	5	5	5	5	5	5	6	6	6	6
	1	2	3	4	5	6	7	8	4	5	6	7
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
	2	2	2	2	2	2	2	2	2	2	2	2
	A	A	A	A	A	A	A	A	A	A	A	A

		Assessment	
	Total (40)	CIA-1	CIA-2
		56	42
		53	70
		0	0
		62	80
		48	40
		41	41
		46	47
		66	70
		82	84
		64	52
		82	57
		0	0
		70	59
		70	40
		75	83
		70	77
		58	50

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period		
			BASIC Circuit Analysis	
1	12/3/24	5	Fundamental concepts of R, L,	K1
2	13/3/24	3	C elements	
3	14/3/24	3	Energy sources - Ohm's Law	K1
4	15/3/24	1	Kirchoff's Law - KVL, KCL	K4
5	19/3/24	4	DC circuits / AC circuits	
6	20/3/24	3	Kirchoff Law - KVL, KCL, DC	K4
7	21/3/24	3	Circuits / AC Circuits	
8	22/3/24	1	Resistors in Series Parallel	K4
9	26/3/24	4	Circuits - AC circuits.	
10	27/3/24	3	KVL, KCL - AC/DC circuits	K4
11	[illegible]	[illegible]	A.C circuits - Average and	
	28/3/24	3	RMS value, complex Inc	K3
12.	22/4/24	5	Phasor diagram, Real &	
			Reactive Power, Power factor	K4
			Mesh current & nodal voltage	
			method analysis for AC/DC	

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T1	12/3/24	5		BB	
	13/3/24	3		BB	
T1	14/3/24	3		BB	
T1	15/3/24	1		BB	
	19/3/24	4			
T1	20/3/24	3		BB	
	21/3/24	3			
T1	22/3/24	1		BB	
	26/3/24	4			
T1	27/3/24	3		BB	
T1	28/3/24	3			
				BB	
T1	2/4/24	5		BB	

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period	Network Reduction & Theorms for AC & DC CIRCUITS.	
	3/4/24	3	Network Reduction - Voltage	
	4/4/24	3	and current division.	K_4
	5/4/24	1	Source Transformation.	K_2
	9/4/24	4	Star-Delta conversation.	K_5
	10/4/24	3	Superposition Theorem	K_2
	11/4/24	3		
			Thevenin's Theam.	K_2
	12/4/24	1	Norton's Theorem.	K_2
	16/4/24	4		
	17/4/24	3	Maximum Power Transfer Thm & Reciprocity Theory.	K_2
	18/4/24	3		
	19/4/24	1	Millman & Tellegan Theorm.	K_3
	23/4/24	4	Statement, application to DC & AC circuits.	K_5

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
	3/4/24	3	-	BB	
T_1	4/4/24	3		BB	
T_1	5/4/24	1		BB	
T_1	10/4/24	3		BB	
T_1	12/4/24	1		BB	
T_1	13/4/24	1		BB	
T_1	15/4/24	6		BB	
T_1	18/4/24	3		BB	
T_1	23/4/24	3		BB	
T_1	24/4/24	3		BB	
	25/4/24	3			
T_1	30/4/24	3		BB	

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period	Transient Response Analysis	
			Introduction.	
	24/4/24	3	Series - Parallel Resonance.	K_3
	25/4/24	3	Laplace Transforms and	K_2
	29/4/24	3	Inverse laplace transforms.	K_2
	30/4/24	4	Standard Test signals.	K_1
	2/5/24	3	Transient Response of RL circuits	K_3
	3/5/24	1	Transient response of RC	K_3
	4/5/24	3	Circuits	
	7/5/24	4	Transient Response of RLC ckts	K_2
	8/5/24	3	using laplace trnfom.	
	9/5/24	3		
	10/5/24	1	Step and Sinusoidal input	K_3
	15/5/24	3		

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T_1	24/4/24	3	–	BB	
T_1	25/4/24	3	–	BB	
T_1	29/4/24	3	–	BB	
T_1	30/4/24	4	–	BB	
T_1	2/5/24	3	–	BB	
T_1	3/5/24	1	–	BB	
	4/5/24	3			
T_1	7/5/24	4	–	BB	
	8/5/24	3		BB	
	9/5/24	3		BB	
T_1	10/5/24	1		BB	
	15/5/24	3		BB	

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period	Resonance & coupled circuits	
	16/5/24	3	Series and parallel Resonance	K2
	17/5/24	1	Frequency Response.	K1
	21/5/24	4	Quality factor &	K2
	22/5/24	3	Bandwidth	
	24/5/24	1	Self and Mutual	K2
	24/5/24	2,3	Inductance.	
	28/5/24	4	coefficient of coupling	K3
	29/5/24	3		
			Dot rule Analysis of	K3
	30/5/24	3	coupled circuits.	
	31/5/24	1		
			Single Tuned	K2
	2/6/24	3,1	circuits	

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T1	16/5/24	3	—	BB	
T1	17/5/24	1	—	BB	
T1	21/5/24	4	—	BB	
	22/5/24	3	—	BB	
T1	24/5/24	1,2,3	—	BB	
T1	28/5/24	4	—	BB	
	29/5/24	3	—	BB	
T1	30/5/24	3	—	BB	
	31/5/24	1	—	BB	
T1	2/6/24	3,1	—	BB	
				BB	

RECORD OF

S. No.	Class Planned		Topic Name	BT
	Date	Period	3 ϕ Circuits.	
	2/5/24	2	Analysis of 3ϕ, 3 wire	K2
		3	circuits with	
	2/5/24	4	Star delta connected	K1
		5	loads.	
	2/6/24	6	Balanced and unbalanced	K3
		7	circuits.	
	2/6/24	8	Phasor diagram of	K3
	5/6/24	4	voltages and currents.	
	5/6/24	5	Power measurements in	K2
	5/6/24	6	3ϕ A circuits.	K2
	5/6/24	7,8	Power factor Calculations.	K2

* BT- Bloom's Taxonomy, TA-Teaching Aids

CLASS WORK

Book Referred	Class Conducted		Reason for Deviation	TA	Staff Sign
	Date	Period			
T1	2/6/24	2,3	–	BB	✓
T1	2/6/24	4,5	–	BB	✓
T1	2/6/24	6,7	–	BB	✓
T1	2/6/24	8	–	BB	✓
	5/6/24	4	–	BB	✓
T1	5/6/24	5	–	BB	✓
T1	5/6/24	6	–	BB	✓
T1	5/6/24	7,8	–	BB	✓

Time Table

PERIOD / DAY	1	2	3	4	5	6	7	8
Monday								–
Tuesday				ECA				–
Wednesday			ECA					–
Thursday			ECA	←	E C	L	→	–
Friday	ECA							–

Unit Completion Details

Unit No.	Unit Description	Start Date	Finish Date	No. of Hours
1	Basic circuit Analysis	12/3/24	22/4/24	12
2	Network Reduction Theorms for AC & DC circuits.	3/4/24	23/4/24	12
3	Transient Response Analysis	24/4/24	15/5/24	12
4	Resonance & coupled circuits	16/5/24	2/6/24	12
5	Three Phase circuits	2/6/24	5/6/24	12

Subject In-Charge HoD of Students Principal

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

Course Outcome: Electric Circuit Analysis

CO No.	COURSE OUTCOME	Knowledge Level
CO 1	Explain circuit's behavior using circuit laws.	K4
CO 2	Apply mesh analysis/ nodal analysis / network theorems to determine behavior of the given DC and AC circuit	K3
CO 3	Compute the transient response of first order and second order systems to step and sinusoidal input	K3
CO 4	Compute power, line/ phase voltage and currents of the given three phase circuit	K4
CO 5	Explain the frequency response of series and parallel RLC circuits	K2
CO 6	Explain the behavior of magnetically coupled circuits characteristics and to design &analyze the low power SMPS	K2

CO – PO Mapping

Program Outcome	Course Outcome					
	CO 1	CO 2	CO 3	CO 4	CO5	CO6
PO 1	3	3	3	3	3	3
PO 2	3	3	3	3	3	3
PO 3	3	3	3	3	3	3
PO 4	2	3	3	3	3	3
PO 5	2	2	2	2	2	2
PO 6	-	-	-	-	-	-
PO 7	2	2	2	2	2	2
PO 8	1	1	1	1	1	1
PO 9	-	-	-	-	-	-
PO 10	-	-	-	-	-	-
PO 11	-	-	-	-	-	-
PO 12	3	3	3	3	3	3
PSO 1	3	3	3	3	3	3
PSO 2	3	3	3	3	3	3
PSO 3	3	3	3	3	3	3

Regulation 2021: 1 - low, 2 - medium, 3 - high, '-' - no correlation

Teaching Aids (Should be written in Log Book)

BB- Black Board	OHP- Over Head Projector	PPT - Power Point	L1 - Lecture 1
T1 - Tutorial 1	A1- Assignment 1	Tx1 - Text Book 1	Rx1 - Reference Book 1
M - Model and Demo	V- Video Lecture	A- Animation	