ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)
Accredited by NAAC
ANGUCHETTYPALAYAM, PANRUTI – 607106

ODD SEMESTER

CIA CONDUCTION PROOF

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/60 **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

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

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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CONTINOUS INTERNAL ASSESSMENT - II

INVIGILATION DUTY SCHEDULE

Date: 18.12.2023 Period : SEP 2023 - JAN 2024

S.No	Name of The Faculty	20-12-2023 WEDNESDAY FN	21-12-2023 THURSDAY FN	26-12-2023 TUESDAY FN	28-12-2023 THURSDAY FN	30-12-2023 SATURDAY FN	02-01-2023 TUESDAY FN
1	Dr.R.Sasikumar	*					
2	Mr.P.Murugan		*				
3	Mr.K.Shanmuga Elango				*		*
4	Mr.K.Saravanan					*	
5	Mr.M.Sivamanikandan			*			
6	Mr.R.Radha Krishnan			*			*
7	Mrs.B.Mary Amala Jenni	*				*	
8	Mrs.Samathana Priya		*		*		
9	Mr.J.Ramesh			*		*	
10	Dr.Shanmugam		*				*
11	Ms.Arul Martinal	*					
12	Mrs.Aarthi				*		*
13	Mrs.Srividhya		*		*		
14	Mrs.R.Vijayalakshmi			*			
15	Mrs.Kayalvizhi	*				*	

* Exam Duty

PREPARED BY

VERIFIED BY 18/12/2023

APPOROVED BY 18/12/23

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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CONTINIOUS INTERNAL ASSESSMENT -II

HALL PLAN

Period: September 2023 - January 2024

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	II	MB206	15	422122104002	422122104017
		MB205	15	422122104018	422122104032
		MB204	15	422122104033	422122104048
		MB203	20	422122104049	422122104701
EEE	II	MB206	15	422122105001	422122105018
		MB205	12	422122105019	422122105501
ECE	II	MB206	15	422122106001	422122106015
		MB205	15	422122106016	4221221060033
		MB204	15	4221221060034	4221221060048
		MB203	9	4221221060049	422122106301
MECH	II	MB204	15	422122114001	422122114015
		MB203	7	422122114016	422122114024

PREPARED BY

18/12/2023

VERIFIED BY

18/12/23

APPROVED BY

Dr.S.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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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

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607106

CONTINOUS INTERNAL ASSESSMENT - I

INVIGILATION DUTY SCHEDULE

Date: 01.12.2023 **Period : SEP 2023 - JAN 2023**

S.No	Name of The Faculty	02-12-2023 SATURDAY FN	02-12-2023 SATURDAY AN	04-12-2023 MONDAY FN	04-12-2023 MONDAY AN	05-12-2023 TUESDAY FN	05-12-2023 TUESDAY AN
1	Mr.R.Sasikumar				*		
2	Mr.P.Murugan					*	
3	Mr.K.Shanmuga Elango			*			*
4	Mr.K.Saravanan	*					
5	Mr.M.Sivamanikandan		*				
6	Mr.R.Radha Krishnan	*				*	
7	Mrs.B.Mary Amala Jenni			*			*
8	Mrs.Samathana Priya		*		*		
9	Mr.J.Ramesh				*		
10	Dr.Shanmugam			*			
11	Ms.Arul Martinal		*				
12	Mrs.Aarthi	*				*	
13	Mrs.Srividhya	*			*		*
14	Mrs.Vijayalakshmi		*				
15	Mrs.Kayalvizhi			*		*	

* Exam Duty

PREPARED BY 1/12/23

VERIFIED BY 1/12/23

APPOROVED BY 1.12.23

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

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ANGUCHETTYPALAYAM, PANRUTI – 607106

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 (T.K),
Cuddalore-(Dist), Pin: 607106

Copy To:

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3. The HOD/EEE
4. The HOD/ECE
5. The HOD/MECH
6. The HOD/S&H
7. The File

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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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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 - III

INVIGILATION DUTY SCHEDULE

Date: 04.11.2023 **Period : JULY 2023 – NOV 2023**

S.No	Name Of The Faculty	Date					
		07-11-23	08-11-23	09-11-23	14-11-23	15-11-23	16-11-23
		TUE	WED	THU	TUE	WED	THU
1	Mr.R.Sasikumar		*			*	
2	Mr.P.Murugan	*		*			
3	Mr.K.Shanmuga Elango		*		*		*
4	Mr.K.Saravanan			*		*	*
5	Mr.M.Sivamanikandan	*			*		
6	Mr.S.Bala Basker		*			*	
7	Mrs.D.Uma Maheshwari				*		*
8	Mr.R.Radha Krishnan	*					
9	Mr.Durai Raj		*		*		
10	Mrs.B.Mary Amala Jenni		*				*
11	Mr.Arun Kumar.B	*		*		*	
12	Ms. Samadhana Priya			*			
13	Mr.J.Ramesh				*		*
14	Mr. V.Balaji	*				*	
15	Ms.Arul Martinal			*			
16	Mrs.Yogambari		*			*	
17	Mrs.Aarthi	*		*			
18	Dr.Shanamugam				*		*
19	Mr.P.Saravana Bhava		*		*		*
20	Ms.Nivetha			*			*
21	Mr.Manickavasagam	*			*		
22	Mrs.Srividhya	*				*	
23	Mrs.Vijayalakshmi		*			*	
24	Ms.Kayalvizhi			*			

* Exam Duty

PREPARED BY **VERIFIED BY** 6/11/23 **APPROVED BY** 6/11/23

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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ANGUCHETTYPALAYAM, PANRUTI - 607106

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

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CONTINIOUS INTERNAL ASSESSMENT -III

HALL PLAN

Period: July 2023 - Nov 2023

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	III	MB102	15	422121104001	422121104018
		MB103	5	422121104019	422121104023
		MB101	20	422121104024	422121104047
		MB201	10	422121104048	422121104058
	IV	MB106	15	422120104002	422120104020
		MB105	15	422120104020	422120104037
		MB106	2	422120104303	422120104304
EEE	III	MB102	10	422121105001	4221211050011
		MB101	10	4221211050012	4221211050021
		MB201	10	4221211050022	4221211050033
		MB202	15	4221211050034	4221211050308
		MB201	3	4221211050309	4221211050311
	IV	MB106	15	422120105002	422120105017
		MB105	15	422120105018	422120105314
		MB104	2	422120105315	422120105501
ECE	III	MB103	5	422121106001	422121106007
		MB101	5	422121106008	422121106014
		MB201	10	422121106015	422121106025
		MB202	12	422121106026	422121106039
	IV	MB104	15	422120106001	422120106302
		MB106	3	422120106303	422120106305
MECH	III	MB103	15	422121114001	422121114018
		MB102	6	422121114020	422121114302
	IV	MB105	5	422120114001	422120114005
		MB104	18	422120114006	422120114315

PREPARED BY   VERIFIED BY 6/11/2023   APPROVED BY

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

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/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

R. Arokiadass 6.10.23

PRINCIPAL

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

Copy To:

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5. The HOD/MECH
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7. The File

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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.

ST.ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM , PANRUTI - 607 106.

CONTINIOUS INTERNAL ASSESSMENT -II

HALL PLAN

Period: July 2023 - November 2023

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	IV	MB106	17	422120104002	42212010420, 303 ,304
		MB105	15	422120104021	422120104037
EEE	IV	MB106	15	422120105002	422120105017
		MB105	15	422120105018	422120105314
		MB104	2	422119105315	422119105502
ECE	IV	MB104	15	422120106001	422120106302
		MB106	3	422120106303	422120106305
MECH	IV	MB105	5	422120114001	422120114005
		MB104	18	422120114006	422120114315

PREPARED BY

VERIFIED BY 10/10/2023

APPROVED BY

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM.
Siruvathur-(Post), Pa... Tk,
Tiruvallore Dist...

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/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

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: 607 106.

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

ST. AN _'S COLLEGE OF ENGINEERING AND T _CHNOLOGY

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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.

ST. A[illegible]E'S COLLEGE OF ENGINEERING AND [illegible]CHNOLOGY

(Accrediated by NAAC, Approved by AICTE , New Delhi, Affiliated to Anna University, Chennai)

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,
Siruvathur (Post), Panruti-(T.k),
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ANGUCHETTYPALAYAM, PANRUTI – 607106

CONTINOUS INTERNAL ASSESSMENT - I

INVIGILATION DUTY SCHEDULE

Date: 16.09.2023 Period : AUG 2023 - NOV 2023

S.No	Name of The Faculty	19/09/2023(AN) TUESDAY	20/09/2023(FN) WEDNESDAY	20-09-2023(AN) WEDNESDAY	21-09-2023(FN) THURSDAY	21-09-2023(AN) THURSDAY	23-09-2023(FN) SATURDAY
1	Mr.R.Sasikumar	*			*		
2	Mr.P.Murugan	*		*			
3	Mr.K.Shanmuga Elango		*			*	
4	Mr.K.Saravanan			*		*	
5	Mr.R.Jayakumar						
6	Mr.M.Sivamanikandan		*		*		
7	Mr.S.Bala Basker	*					
8	Mrs.D.Uma Maheshwari		*		*		
9	Mr.V.Venkatesn						
10	Mr.R.Radha Krishnan	*		*			
11	Mr.Durai Raj					*	
12	Mrs.B.Mary Amala Jenni		*		*		
13	Mr.Arun Kumar.B					*	*
14	Mrs.Samathana Priya			*			
15	Mr.J.Ramesh		*				*
16	Mr.K.Sriram		*		*		
17	Dr.Shanmugam					*	
18	Mr. V.Balaji	*		*			
19	Mr. A. Sundara Pandiyan						
20	Ms.Arul Martinal	*				*	
21	Mrs.Yogambari			*			*
22	Mrs.Aarthi				*		
23	Mr.Saravana Bhava		*			*	
24	Mrs.P.Nivetha	*				*	
25	Mrs.Srividhya			*	*		
26	Mr.Manikavasagan	*		*			
27	Mrs.Vijayalakshmi		*		*		
28	Mr.D.Raj Thilak						
29	Mrs.Kayalvizhi						*

* Exam Duty

PREPARED BY

VERIFIED BY 19/9/23

APPROVED BY 19/9/23

DR.R.ARUKIADASS, M.E.,
Principal,
St.Anne's College of Engineering & Tech...
ANGUCHETTYPALAYAM
Siruvathur-(Post), Panruti-(T.k),
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CONTINUOUS INTERAL ASSESSMENT - I

HALL ALLOCATION TO CANDIDATES

DATE: 19-09-2023

HallNo.	Degree& Branch	Register no. of the candidates	Tot No of Candidates
MB106	CSE IV	422120104002 422120104004 422120104005 422120104006 422120104007 422120104008 422120104009 422120104010 422120104011 422120104012 422120104014 422120104015 422120104016 422120104019 422120104020 422120104021 422120104022 422120104023 422120104024 422120104025	20
	EEE IV	422120105002 422120105003 422120105004 422120105005 422120105007 422120105008 422120105009 422120105010 422120105011 422120105012 422120105013 422120105014 422120105015 422120105016 422120105017	15
MB105	CSE IV	422120104021422120104022 422120104023 422120104024 422120104025 422120104026 422120104027 422120104028 422120104029 422120104030 422120104031 422120104032 422120104034 422120104035 422120104037	12
	EEE IV	422120105018 422120105019 422120105020 422120105301422120105303 422120105305 422120105306 422120105307 422120105308 422120105309	10
	ECE IV	422120106303 422120106304 422120106305	03
	MECH IV	422120114312 422120114314 422120114315	03
	MECH III	422121114020 422121114021	02
MB104	MECH IV	422120114001 422120114002 422120114003 422120114004 422120114005 422120114006 422120114008 422120114009 422120114010 422120114011 422120114012 422120114013 422120114014 422120114015 422120114016	15
	ECE IV	422120106001 422120106002 422120106003 422120106004 422120106005 422120106006 422120106007 422120106008 422120106009 422120106010	09
	MECH III	422121114022 422121114023 422121114024	03
	CSE IV	422120104303 422120104304	02
	EEE IV	422120105315 422119105302	02

MB103	MECH III	422121114001 422121114002 422121114003 422121114005 422121114006 422121114008 422121114009 422121114010 422121114011 422121114012 422121114013 422121114014 422121114015 422121114016 422121114018	15
	ECE IV	422120106011 422120106012 422120106013 422120106301 422120106302	05
	EEE IV	422120105310 422120105311 422120105312 422120105313 422120105314	05
	MECH IV	422120114017 422120114301 422120114303 422120114309 422120114311	05
MB102	CSE III	422121104001 422121104002 422121104004 422121104005 422121104006 422121104007 422121104008 422121104009 422121104010 422121104012 422121104014 422121104015 422121104016 422121104017 422121104018 422121104019 422121104020 422121104021 422121104022 422121104023	20
	EEE III	422121105001 422121105002 422121105004 422121105005 422121105006 422121105007 422121105008 422121105009 422121105010 422121105011	10
	ECE III	422121106001 422121106003 422121106005 422121106006 422121106007	05
MB101	CSE III	422121104024 422121104025 422121104026 422121104027 422121104029 422121104030 422121104032 422121104033 422121104035 422121104036 422121104037 422121104038 422121104039 422121104041 422121104042 422121104043 422121104044 422121104045 422121104046 422121104047	20
	EEE III	422121105012 422121105013 422121105014 422121105015 422121105016 422121105017 422121105018 422121105019 422121105020 422121105021	10
	ECE III	422121106008 422121106009 422121106011 422121106013 422121106014	05
MB202	CSE III	422121104048 422121104049 422121104050 42212110405142212110405 3, 422121104054 422121104055 422121104056 422121104057 422121104058	10
	ECE III	422121106015 422121106016 422121106017 422121106019 422121106020 422121106021 422121106022 422121106023 422121106024 422121106025	10

	EEE III	422121105022 422121105025 422121105026 422121105027 422121105028 422121105029 422121105030 422121105031 422121105032 422121105033, 422121105309, 422121105310, 422121105311	13
MB201	EEE III	422121105034 422121105035 422121105036 422121105037 422121105038 422121105039 422121105040 422121105042 422121105301 422121105302 422121105304 422121105305 22121105306 422121105307 422121105308	15
	ECE III	422121106026 422121106027 422121106029 422121106030 422121106031 422121106032 422121106034 422121106035 422121106036 422121106037 422121106038 422121106039	12
	CSE III	422121104059 422121104060 422121104301 422121104302 422121104304	05

V. Vanitha 19/9/2023
Exam Cell Co-Ordinator

19/9/23
Signature of 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 [illegible].

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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Accredited by NAAC
ANGUCHETTYPALAYAM, PANRUTI - 607 106.

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.

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

ACKNOWLEDGEMENT

S.NO	DEPARTMENT	NAME	SIGNATURE
1	Vice Principal	Sr. Punitha Jilt	
2.	HOD/CSE	Mr.S.Manavalan	
3.	HOD/EEE	Mr.K.Sriram	
4.	HOD/ECE	Dr. Sr. Anita	
5.	HOD/MECH	Dr. D. Ommurugadhasan	
6.	HOD/S&H	Mrs.S.Ramya	
7.	File	Exam Cell Members	

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

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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Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

CONTINUOUS INTERNAL ASSESSMENT - I

INVIGILATION DUTY SCHEDULE

Date: 21.11.2023

Period : NOV/DEC-2023

S.No	Name Of The Faculty		Date					
		Date/Day	23-11-23 (FN)	23-11-23 (AN)	24-11-23 (FN)	24-11-23 (AN)	25-11-23 (FN)	25-11-23 (AN)
			THU	THU	FRI	FRI	SAT	SAT
1	Dr. D. Sampathkumar	AP/Eng	EXAM		*	*	*	*
2	Dr. P. Albert Raj	ASP/Eng	EXAM		*	*	*	*
3	Mr. K. RackeshJawaher	AP/Phy	*	*	EXAM	EXAM	*	*
4	Mrs.S.Ramya	AP/Che	EXAM	*		*	EXAM	EXAM
5	Mr.N.Syed Mubarak	AP/Maths	*	*		*	EXAM	
6	Mr.V.Prakash	AP/Maths		*	EXAM			*
7	Mrs.Kavitha	AP/Maths	*	EXAM	*		*	
8	Mrs. M.Arochkiamary	ASP/Tam	*	EXAM	*	EXAM	*	*
9	Mr.R.Manickavasagan	AP/CSE	*	*			EXAM	
10	Mrs.P.Nivetha	AP/CSE			*	*		

* Exam Duty EXAM

21/11/23

PREPARED BY

21/11/2023

VERIFIED BY

21.11.23

APPOROVED BY

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

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF SCIENCE AND HUMANITIES

Year/ Sem: I/01 **Batch: 2023-2024**

HALL PLAN (CIA-1)

Dept	Hall.No	From	To	Total
CSE	AB 108	2023CSE001	2023CSE015	15
	AB 109	2023CSE016	2023CSE030	15
	AB 205	2023CSE031	2023CSE045	15
	AB 206	2023CSE046	2023CSE058	13
			TOTAL	58
EEE	AB 108	2023EEE001	2023EEE005	05
	AB 109	2023EEE006	2023EEE010	05
	AB 206	2023EEE011	2023EEE017	07
			TOTAL	17
ECE	DH	2023ECE001	2023ECE0039	39
			TOTAL	39
MECH	AB 205	2023MECH001	2023MECH005	05
	AB 206	2023MECH006	2023MECH015	10
			TOTAL	15
AIML	AB 108	2023AIML001	2023AIML015	15
	AB 109	2023AIML016	2023AIML030	15
	AB 205	2023AIML031	2023AIML045	15
	AB 206	2023AIML046	2023AIML048	03
			TOTAL	48

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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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.

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

ACKNOWLEDGEMENT

S.NO	DEPARTMENT	NAME	SIGNATURE
1	Vice Principal	Sr. Punitha Jilt	
2.	HOD/CSE	Mr.S.Manavalan	
3.	HOD/EEE	Mr.K.Sriram	
4.	HOD/ECE	Dr. Sr. Anita	
5.	HOD/MECH	Dr. D. Ommurugadhasan	
6.	HOD/S&H	Mrs.S.Ramya	
7.	File	Exam Cell Members	

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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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. Pothi 18/12/23
PREPARED BY

V. Murugan 18/12/2023
VERIFIED BY

R. Arokiadass 18.12.23
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: 607 110.

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DEPARTMENT OF SCIENCE AND HUMANITIES

Year/ Sem: I/01 **Batch: 2023-2024**

HALL PLAN (CIA-2)

Dept	Year/ Sem	Hall.No	From	To	Total
CSE	I/01	AB 206	422123104001	422123104015	15
	I/01	AB 205	422123104016	422123104030	15
	I/01	AB 109	422123104031	422123104045	15
	I/01	AB 108	422123104046	422123104058	13
				TOTAL	58
ECE	I/01	DH	422123106001	422123106039	39
				TOTAL	39
AIML	I/01	MB206	422123148001	422123148015	15
	I/01	MB205	422123148016	422123148030	15
	I/01	MB204	422123148031	422123148048	18
				TOTAL	48
EEE	I/01	MB 204	422123105001	422123105010	10
	I/01	MB 203	422123105011	422123105017	07
				TOTAL	17
MECH	I/01	MB 203	422123114001	422123114015	15
				TOTAL	15

PREPARED BY

VERIFIED BY 20/12/2023

APPROVED BY 21/12/23

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CONTINUOUS INTERNAL ASSESSMENT - II

INVIGILATION DUTY SCHEDULE

Date: 19.12.2023 **Period : NOV/DEC-2023**

S.No	Name Of The Faculty	Desgn	Date					
			20-12-2023	21-12-2023	26-12-2023	28-12-2023	30-12-2023	02-01-2024
			THU	THU	FRI	FRI	SAT	SAT
1	Dr. D. Sampathkumar	AP/Eng		*	*	*	*	
2	Dr. P. Albert Raj	ASP/Eng	*			*	*	*
3	Mr. K. RackeshJawaher	AP/Phy	*		*	*		*
4	Mrs.S.Ramya	AP/Che					*	
5	Mr.N.Syed Mubarak	AP/Maths	*	*		*		*
6	Mr.V.Prakash	AP/Maths			*			
7	Mrs.M.Kavitha	AP/Maths	*	*	*			*
8	Mrs. M.Arochkiamary	ASP/Tam		*	*		*	*
9	Mr.R.Manickavasagan	AP/CSE	*	*				
10	Mrs.P.Nivetha	AP/CSE				*	*	

* Exam Duty | Coaching Class

PREPARED BY

VERIFIED BY 19/12/2023

APPOROVED BY 19/12/23

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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EVEN SEMESTER

CIA CONDUCTION PROOF

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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 — **EXAM CELL CO-ORDINATOR**

5/4/2024 — **DEAN OF EXCELLENCE**

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

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

ACKNOWLEDGEMENT

S.NO	DEPARTMENT	NAME	SIGNATURE
1	Vice Principal	Sr. Punitha Jilt	
2.	HoD/CSE	Mr.K. Ramesh	
3.	HoD/EEE	Mr. K.Sriram	
4.	HoD/ECE	Dr. Sr. Anita	
5.	HoD/MECH	Dr. D. Ommurugadhasan	
6.	HoD/S&H	Mrs. S. Ramya	
7.	File	Exam Cell Members	

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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.,
Principal,
St Anne's College of Engineering & Technology

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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CONTINUOUS INTERNAL ASSESSMENT - I

HALL PLAN (I-YEAR)

Branch	Year/ Sem	Hall.No	No.of Student's	Reg. Number (From)	Reg. Number (To)
CSE	I/02	MB204	15	422123104001	422123104015
		MB203	15	422123104016	422123104030
		MB202	15	422123104031	422123104045
		MB201	13	422123104046	422123104058
EEE	I/02	MB204	05	422123105001	422123105005
		MB203	05	422123105006	422123105010
		MB202	07	422123105011	422123105017
ECE	I/02	MB204	10	422123106001	422123106010
		MB203	10	422123106011	422123106020
		MB202	10	422123106021	422123106030
		MB201	09	422123106031	422123106039
MECH	I/02	MB203	04	422123114001	422123114005
		MB201	10	422123114006	422123114015
AIML	I/02	MB204	10	422123148001	422123148012
		MB203	10	422123148013	422123148023
		MB202	10	422123148024	422123148034
		MB201	13	422123148035	422123148048

EXAM CELL CO-ORDINATOR

DEAN OF EXCELLENCE 17/4/24

PRINCIPAL 18/4/24

Dr.R.AROKIADASS, M.E., PH.D.,
Principal,
St.Anne's College of Engineering & Technology.
ANGUCHETTYPALAYAM.
Siruvachur (Post), Panruti (T.K).

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

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EXAMINATION CELL

CIRCULAR

2022-2023

CIR. NO: SACET/EXAM/CIR/18 **Date:** 17.03.2023

It is informed to the **2nd, 3rd and 4th year students** that the commencement of **CIA-I Examinations** is scheduled from **20.03.2023 to 27.03.2023.**

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 **18.03.2023.**
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.**

EXAM CELL CO-ORDINATOR 17/3/23

PRINCIPAL 17.3.23

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

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CONTINUOUS INTERNAL ASSESSMENT - I

INVIGILATION DUTY SCHEDULE

S.No	Name Of The Faculty	Dgn/ Depart	Period : FEB 2023 - MAY 2023				
	Date: 18.03.2023				Date		
			20-03-2023	21-03-2023	23-03-2023	25-03-2023	27-03-2023
			MON	TUE	THU	SAT	MON
1	Mr.R.Sasikumar	AP/MECH			*		*
2	Mr.P.Murugan	AP/MECH	*			*	
3	Mr.K.Shanmuga Elango	ASP/MECH		*			*
4	Mr.K.Saravanan	ASP/MECH		*		*	
5	Mr.R.Jayakumar	AP/MECH					
6	Sr.Josephine Mary	AP/MECH	*				*
7	Mr.M.Sivamanikandan	AP/MECH	*			*	
8	Mr.S.Bala Basker	ASP/ECE		*			*
9	Mrs.D.Uma Maheshwari	ASP/ECE	*			*AN	
10	Mr.V.Venkatesan	AP/ECE					
11	Mr.R.Radha Krishnan	AP/ECE		*			*
12	Mrs. Mary Amala Jenni	AP/ECE		*	*		
13	Mr.Durai Raj	AP/ECE	*			*	
14	Mr.Arun Kumar.B	AP/ECE		*	*		
15	Ms. Sahinippriya	AP/ECE	*			*	
16	Sr.Annai Theresa	AP/EEE	*		*		
17	Mr.J.Ramesh	ASP/EEE				*	*
18	Mr.K.Sriram	ASP/EEE		*	*		
19	Mr. V.Balaji	AP/EEE		*		*	
20	Mr. A. Sundara Pandiyan	AP/EEE		*		*AN	
21	Ms.Arul Martinal	AP/EEE	*		*		
22	Ms.Premalatha	AP/EEE					
23	Mrs.Yogambari V	AP/EEE	*		*		
24	Mr.S.Manavalan	ASP/CSE				*AN	*
25	Mrs.B.Pauline Freeda	AP/CSE	*			*	
26	Mr.D.Raj Thilak	AP/CSE					
27	Ms.Nivetha	AP/CSE			*	*AN	
28	Mr. Saravana Bhava	AP/CSE		*			*
29	Mrs. Praveena	AP/CSE				*AN	
30	Mrs.Ramya.S.	ASP/S&H					
31	Mr.R.Viswalingam	AP/S&H					
		EXAM					

* Exam Duty

18/3/23

PREPARED BY

18/3/23

VERIFIED BY

18/3/23

APPROVED BY

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
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ANGUCHETTYPALAYAM.
Siruvathur-(Post), Panruti (T k),
Cuddalore-(Dist), Pin: 60 ..0.

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ANGUCHETTYPALAYAM , PANRUTI - 607 106.

CONTINIOUS INTERNAL ASSESSMENT -I

HALL PLAN

Period: FEB 2023- MAY 2023

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	II	MB104	15	422121104001	422121104018
		MB103	15	422121104019	422121104035
		MB102	15	422121104036	422121104051
		MB206	12	422121104053	422121104304
	III	MB206	4	422120104002	422120104006
		MB205	14	422120104007	422120104023
		MB204	10	422120104024	422120104034
		MB203	5	422120104035	422120104305
	IV	MB106	15	422119104001	422119104019
		MB105	11	422119104020	422119104031
EEE	II	MB104	15	422121105001	422121105016
		MB103	10	422121105017	422121105027
		MB102	10	422121105028	422121105037
		MB202	14	422121105038	422121105311
	III	MB205	2	422120105002	422120105003
		MB204	15	422120105004	422120105019
		MB203	15	422120105020	422120105302
	IV	MB106	15	422119105001	422119105304
ECE	II	MB104	5	422121106001	422121106007
		MB103	10	422121106008	422121106019
		MB102	10	422121106020	422121106030
		MB206	4	422121106031	422121106034
		MB205	5	422121106035	422121106039
	III	MB205	8	422120106001	422120106008
		MB202	10	422120106009	422120106305
	IV	MB106	5	422119106001	422119106006
		MB105	5	422119106007	422119106301
MECH	II	MB206	10	422121114001	422121114012
		MB202	11	422121114013	422121114302
	III	MB205	4	422120114001	422120114004
		MB204	10	422120114005	422120114015
		MB203	10	422120114016	422120114315
	IV	MB105	17	422119114001	422119114302

PREPARED BY 18/3/23

VERIFIED BY 18/3/23

APPROVED BY 18/3/23

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

ST.ANNE'S

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CONTINUOUS INTERNAL ASSESSMENT - I
TIME TABLE

TIME: 09:30 AM - 11:00 AM & 01:15 PM - 2:45 PM **Period : FEB 2023 - JUNE 2023**

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
20.03.2023	IV	CS3451 Introduction to Operating Systems	EE3401 Transmission and Distribution	EC3452 Electromagnetic fields	ME3451 Thermal Engineering
	VI	CS8601 Mobile Computing	NIL	EC8691 Microprocessors and Microcontrollers	ME8694 Hydraulics and Pneumatics
	VIII	GE8076 Professional Ethics in Engineering	MG8591 Principles of Management	GE8076 Professional Ethics in Engineering	MG8091 Entrepreneurship Development
21.03.2023	IV	CS3401 Algorithms	EE3405 Electrical Machines - II	EC3401 Neworks And Security	ME3491 Theory of Machines
	VI	CS8691 Artificial Intelligence	EE8602 Protection and Switchgear	MG8591 Principles of Management	ME8691 Computer Aided Design and Manufacturing
	VIII	CS8078 Green Computing	EE8018 Microcontroller Based System Design	EC8094 Satellite Communication	MG8591 Principles of Management
23.03.2023	IV	CS3492 Database Management Systems	EE3402 Linear Integrated Circuits	EC3492 Digital signal processing	CE3491 Strength of Materials
	VI	CS8651 Internet Programming	EE8691 Embedded systems	EC8652 Wireless Communication	ME8651 Design of Transmission Systems
25.03.2023 (FN)	IV	CS3491 Artificial Intelligence and Machine Learning	EE3404 Microprocessor and Microcontroller	EC3491 Communication systems	ME3493 Manufacturing Technology
	VI	CS8603 Distributed Systems	EE8601 Solid State Drives	EC8651 Transmission Lines and RF Systems	ME8693 Heat and Mass Transfer
25.03.2023 (AN)	IV	GE3451 Environmental Sciences and Sustainability	GE3451 Environmental Sciences and Sustainability	GE3451 Environmental Sciences and Sustainability	GE3451 Environmental Sciences and Sustainability
27.03.2023	IV	CS3452 Theory of Computation	EE3403 Measurements and Instrumentation	EC3451 Linear Integrated Circuits	ME3492 Hydraulics and Pneumatics
	VI	CS8602 Compiler Design	EE8005 Special Electrical Machines	EC8095 VLSI Design	ME8692 Finite Element Analysis

PREPARED BY

VERIFIED BY

APPROVED BY 17.3.2023

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

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ANGUCHETTYPALAYAM , PANRUTI - 607 106.

CONTINIOUS INTERNAL ASSESSMENT -II

HALL PLAN

Period: Feb - May 2023

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	III	MB101	15	422120104002	422120104020
		MB102	15	422120104021	422120104037
		MB103	3	422120104303	422120104305
	IV	MB106	15	422119104001	422119104019
		MB105	11	422119104020	422119104031
EEE	III	MB103	15	422120105002	422120105017
		MB104	17	422120105018	422120105315
	IV	MB106	15	422119105001	422119105304
ECE	III	MB102	15	422120106001	422120106302
		MB103	15	422120106303	422120106305
	IV	MB106	5	422119106001	422119106006
		MB105	5	422119106007	422119106301
MECH	III	MB101	15	422120114001	422120114016
		MB103	9	422120114017	422120114315
	IV	MB105	17	422119114001	422119114302

PREPARED BY

VERIFIED BY 15/4/23

APPROVED BY 15/4/23

Dr. R. AROKIADASS, M.E., Ph.D.
Principal
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM
Cuddalore-(Dist), Pin: 607 110.

ST.ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607106

CONTINUOUS INTERNAL ASSESSMENT - II

INVIGILATION DUTY SCHEDULE

Date: 17.04.2023 **Period : FEB 2023 - MAY 2023**

S.No	Name Of The Faculty	Dgn/ Depart	Date				
			17-0-2023	18-04-2023	19-04-2023	20-04-2023(FN)	20-04-2023(AN)
			MON	TUE	WED	THUR(FN)	THUR(AN)
1	Mr.R.Sasikumar	AP/MECH	EXAM	*			
2	Mr.P.Murugan	AP/MECH		EXAM			*
3	Mr.K.Shanmuga Elango	ASP/MECH	EXAM			EXAM	*
4	Mr.K.Saravanan	ASP/MECH	EXAM		EXAM	*	
5	Mr.R.Jayakumar	AP/MECH				EXAM	
6	Sr.Josephine Mary	AP/MECH		EXAM	*		
7	Mr.M.Sivamanikandan	AP/MECH	*	EXAM			EXAM
8	Mr.S.Bala Basker	ASP/ECE					*
9	Mrs.D.Uma Maheshwari	ASP/ECE		EXAM	*		EXAM
10	Mr.V.Venkatesan	AP/ECE				EXAM	
11	Mr.R.Radha Krishnan	AP/ECE	EXAM		*		
12	Mrs. Mary Amala Jenni	AP/ECE		*		EXAM	
13	Mr.Durai Raj	AP/ECE	*		EXAM		
14	Mr.Arun Kumar.B	AP/ECE	EXAM		*		EXAM
15	Ms. Sahinippriya	AP/ECE		EXAM	EXAM	*	
16	Sr.Annai Theresa	AP/EEE		EXAM			*
17	Mr.J.Ramesh	ASP/EEE		EXAM	EXAM	*	
18	Mr.K.Sriram	ASP/EEE			*		EXAM
19	Mr. V.Balaji	AP/EEE	EXAM				*
20	Mr. A. Sundara Pandiyan	AP/EEE	EXAM	*			
21	Ms.Arul Martinal	AP/EEE				*	EXAM
22	Mrs.Yogambari V	AP/EEE		EXAM		*	
23	Mr.S.Manavalan	ASP/CSE		EXAM	EXAM		*
24	Mrs.B.Pauline Freeda	AP/CSE		*			EXAM
25	Mr.D.Raj Thilak	AP/CSE		EXAM			
26	Ms.Nivetha	AP/CSE	EXAM		*		
27	Mr. Saravana Bhava	AP/CSE	*		EXAM	EXAM	
28	Mrs.Ramya.S.	ASP/S&H				*	

* Exam Duty EXAM

19/4/23
PREPARED BY

17/4/23
VERIFIED BY

7/4/23
APPROVED BY

Dr.R.AROKIADASS, M.E., Ph.D.,
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Cuddalore-(Dist), Pin: 60 ..3.

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CONTINUOUS INTERNAL ASSESSMENT - II

TIME TABLE

TIME: 09:30 AM - 11:00 AM & 01:15 PM - 2:45 PM **Period : FEB 2023 - JUNE 2023**

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
17.04.2023	VI	CS8602 Compiler Design	NIL	EC8691 Microprocessors and Microcontrollers	ME8694 Hydraulics and Pneumatics
18.04.2023	VI	CS8651 Internet Programming	EE8602 Protection and Switchgear	EC8095 VLSI Design	ME8691 Computer Aided Design and Manufacturing
19.04.2023	VI	CS8691 Artificial Intelligence	EE8691 Embedded systems	EC8652 Wireless Communication	ME8651 Design of Transmission Systems
	VIII	GE8076 Professional Ethics in Engineering	MG8591 Principles of Management	GE8076 Professional Ethics in Engineering	MG8091 Entrepreneurship Development
20.04.2023(FN)	VI	CS8601 Mobile Computing	EE8601 Solid State Drives	EC8651 Transmission Lines and RF Systems	ME8693 Heat and Mass Transfer
	VIII	CS8078 Green Computing	EE8018 Microcontroller Based System Design	EC8094 Satellite Communication	MG8591 Principles of Management
20.04.2023(AN)	VI	CS8603 Distributed Systems	EE8005 Special Electrical Machines	MG8591 Principles of Management	ME8692 Finite Element Analysis

13/4/23
PREPARED BY

13/4/23
VERIFIED BY

13/4/2023
APPROVED BY

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
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ANGUCHETTYPALAYAM.

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COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2022-2023

CIR. NO: SACET/EXAM/CIR/19 **Date:** 13.04.2023

It is informed to the **3rd and 4th year students** that the commencement of **CIA-II Examinations** is scheduled from **17.04.2023 to 20.04.2023**.

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 **15.04.2023.**
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.**

13/4/23
EXAM CELL CO-ORDINATOR

13/4/2023
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. 607 106.

Copy To:

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EXAMINATION CELL
CIRCULAR
2022-2023

CIR. NO: SACET/EXAM/CIR/22 **04.05.2023**

The **II-, III- & IV-year** students are hereby informed to pay their **APRIL/MAY-2023 Examinations fee** to the Administrative Officer (AO) on or before **06.05.2023.**

Note:

- Rs.150/- per paper (Theory / Practical) + Rs.150/- Miscellaneous per student for **II- & III-year** students.
- Rs.150/- per paper Theory & Rs.300/- for Project + Rs.150/- Miscellaneous per student for **IV- year** students.

V. Venkatesan 4/5/23
Exam Cell Coordinator

R. Arokiadass 4.5.23
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: 60[illegible]

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1. Vice Principal
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3. Administrative Officer
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EXAMINATION CELL
CIRCULAR
2022-2023

CIR. NO: SACET/EXAM/CIR/23 **09.05.2023**

Time Table for Anna University Theory Examination APRIL/MAY-2023 [Regulation – 2017& 2021] is issued to all HODs.

9/5/23
Exam Cell Coordinator

9/5/23
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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EXAMINATION CELL
CIRCULAR
2022-2023

CIR. NO: SACET/EXAM/CIR/020 **21.04.2023**

Anna University has published **NOV / DEC - 2022** examination result. Students can apply for revaluation through exam cell member of your department. Procedure for applying revaluation is enclosed. Last date for applying Revaluation is **25-04-2023.**

Note:

1. Rs.400/- per Revaluation Paper + Rs.25/- DD Charge.

for
21/4/23
Exam Cell Coordinator

21.4.23
Principal

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology
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Cuddalore-(Dist), Pin: 607 110

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ANGUCHETTYPALAYAM , PANRUTI - 607 106.

CONTINIOUS INTERNAL ASSESSMENT -III

HALL PLAN (04.05.2023)

Period: FEB - MAY 2023

DEPT	YEAR	HALL NO	NO OF CANDITATE	Reg No. (From)	Reg No. (To)
CSE	II	MB206	15	422121104001	422121104018
		MB205	15	422121104019	422121104035
		MB204	15	422121104036	422121104051
		MB203	10	422121104053	422121104304
	III	MB104	10	422120104002	422120104012
		MB103	10	422120104014	422120104025
		MB102	12	422120104026	422120104305
	IV	MB106	15	422119104001	422119104019
		MB105	11	422119104020	422119104031
EEE	II	MB102	10	422121105001	422121105011
		MB206	10	422121105012	422121105021
		MB205	15	422121105022	422121105037
		MB204	14	422121105038	422121105311
	III	MB104	15	422120105002	422120105017
		MB103	17	422120105018	422119105302
	IV	MB106	5	422119105001	422119105005
		MB105	10	422119105006	422119105304
ECE	II	MB203	15	422121106001	422121106019
		MB202	19	422121106020	422121106039
	III	MB104	10	422120106001	422120106010
		MB103	8	422120106011	422120106305
	IV	MB106	10	422119106001	422119106301
MEC	II	MB203	10	422121114001	422121114012
		MB202	11	422121114013	422121114302
	III	MB102	8	422120114001	422120114009
		MB206	6	422120114010	422120114015
		MB205	5	422120114016	422120114303
		MB204	5	422120114309	422120114315
	IV	MB106	4	422119114001	422119114005
		MB105	13	422119114006	422119114302

PREPARED BY

VERIFIED BY 5/5/23

APPROVED BY 5/5/23

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CONTINUOUS INTERNAL ASSESSMENT - III

INVIGILATION DUTY SCHEDULE

Date: 05.05.2023 **Period : FEB 2023 - MAY 2023**

S.No	Name Of The Faculty	Dgn/ Depart	Date					
			06-05-2023	08-05-2023	09-05-2023	10-05-2023	11-05-2023	15-05-2023
			SAT	MON	TUE	WED	THUR	MON
1	Dr.R.Sasikumar	AP/MECH		*		*		
2	Mr.P.Murugan	AP/MECH	*			*		
3	Mr.K.Shanmuga Elango	ASP/MECH		*	*			
4	Mr.K.Saravanan	ASP/MECH	*			*		
5	Mr.R.Jayakumar	AP/MECH						
6	Sr.Joscphinc Mary	AP/MECH					*	*
7	Mr.M.Sivamanikandan	AP/MECH		*			*	
8	Mr.S.Bala Basker	ASP/ECE	*					*
9	Mrs.D.Uma Maheshwari	ASP/ECE			*	*		
10	Mr.V.Venkatesan	AP/ECE						
11	Mr.R.Radha Krishnan	AP/ECE				*	*	
12	Mrs. Mary Amala Jenni	AP/ECE	*					*
13	Mr.Durai Raj	AP/ECE			*		*	
14	Mr.Arun Kumar.B	AP/ECE		*	*			
15	Ms. Sahinippriya	AP/ECE		*		*		
16	Sr.Annai Theresa	AP/EEE	*					*
17	Mr.J.Ramesh	ASP/EEE	*				*	
18	Mr.K.Sriram	ASP/EEE		*	*			
19	Mr. V.Balaji	AP/EEE			*	*		
20	Mr. A. Sundara Pandiyan	AP/EEE				*		*
21	Ms.Arul Martinal	AP/EEE		*	*			
22	Dr.Yogambari V	AP/EEE						
23	Mr.S.Manavalan	ASP/CSE		*			*	
24	Mrs.B.Pauline Freeda	AP/CSE		*	*			
25	Mr.D.Raj Thilak	AP/CSE			*			
26	Ms.Nivetha	AP/CSE	*		*		*	
27	Mr. Saravana Bhava	AP/CSE	*				*	
28	Mrs.Ramya.S.	ASP/S&H		*				

* Exam Duty EXAM

PREPARED BY 05/5/23

VERIFIED BY 5/5/23

APPROVED BY 5/5/23

Dr.R.AROKIADASS, M.E., Ph.D.,
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CONTINOUS INTERNAL ASSESSMENT III
TIME TABLE

TIME: 09.20 AM TO 12.20 PM

Period : FEB 2023 - JUNE 2023

DATE	SEM	BRANCH & SUBJECT			
		CSE	EEE	ECE	MECH
6/5/2023	IV	GE3451 Environmental Sciences and Sustainability	GE3451 Environmental Sciences and Sustainability	EC3401 Neworks And Security	GE3451 Environmental Sciences and Sustainability
	VI	CS8601 Mobile Computing	EE8601 Solid State Drives	EC8651 Transmission Lines and RF Systems	ME8694 Hydraulics and Pneumatics
8/5/2023	IV	CS3452 Theory of Computation	EE3401 Transmission and Distribution	EC3452 Electromagnetic fields	ME3451 Thermal Engineering
	VI	CS8651 Internet Programming	NIL	EC8691 Microprocessors and Microcontrollers	ME8691 Computer Aided Design and Manufacturing
	VIII	GE8076 Professional Ethics in Engineering	MG8591 Principles of Management	GE8076 Professional Ethics in Engineering	MG8591 Principles of Management
9/5/2023	IV	CS3492 Database Management Systems	EE3405 Electrical Machines - II	EC3492 Digital signal processing	ME3491 Theory of Machines
	VI	CS8691 Artificial Intelligence	EE8602 Protection and Switchgear	MG8591 Principles of Management	ME8651 Design of Transmission Systems
	VIII	CS8078 Green Computing	EE8018 Microcontroller Based System Design	EC8094 Satellite Communication	MG8091 Entrepreneurship Development
10/5/2023	IV	CS3451 Introduction to Operating Systems	EE3402 Linear Integrated Circuits	EC3451 Linear Integrated Circuits	CE3491 Strength of Materials
	VI	CS8603 Distributed Systems	EE8691 Embedded systems	EC8652 Wireless Communication	ME8692 Finite Element Analysis
11/5/2023	IV	CS3491 Artificial Intelligence and Machine Learning	EE3404 Microprocessor and Microcontroller	GE3451 Environmental Sciences and Sustainability	ME3493 Manufacturing Technology
	VI	CS8602 Compiler Design	EE8005 Special Electrical Machines	EC8095 VLSI Design	ME8693 Heat and Mass Transfer
15/5/2023	IV	CS3401 Algorithms	EE3403 Measurements and Instrumentation	EC3491 Communication systems	ME3492 Hydraulics and Pneumatics

PREPARED BY

VERIFIED BY 4/5/23

APPROVED BY 2/5/23

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

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ANGUCHETTYPALAYAM, PANRUTI – 607106

EXAMINATION CELL

CIRCULAR

2022-2023

CIR. NO: SACET/EXAM/CIR/21 **Date:** 04.05.2023

It is informed to the **2nd, 3rd and 4th year students** that the commencement of **CIA-III Examinations** is scheduled from **06.05.2023 to 15.05.2023**.

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

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 Member** on or before **05.05.2023.**
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.Vinothkumar 4/5/23
EXAM CELL CO-ORDINATOR

R Arokiadass 4.5.23
PRINCIPAL

Dr.R.AROKIADASS, M.E., Ph.D.,
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ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin 60[illegible]

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CIA QUESTION PAPER

REG. NO.												

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: EC3552 / VLSI AND CHIP DESIGN

Year: III **Semester: V** **Period: 2023-2024**

Date: 20 / 09 / 2023 **Time: 09.30 AM to 11.00 AM** **Max.: 50 Marks**

Part – A (10*2=20)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	What is Moore's Law?	CO1	K1
2	What are the advantages of scaling	CO1	K2
3	Draw 2:1 MUX using transmission gate.	CO1	K1
4	What is meant by Monotonicity problem?	CO2	K1
5	What is the clock skew?	CO2	K1

Part – B (5*13=65)

6	a) Explain in detail about the ideal I-V characteristics of a NMOS and PMOS device. (OR) b) Implement the following expression in static CMOS logic fashion using no more than 10 transistors. Y = (AB + ACE + DE + DCB)'	CO1 CO1	K1 K1
7	a) Explain the static and dynamic power dissipation in CMOS circuits with necessary diagrams and expressions. (OR) b) Explain various ways to minimize the static and dynamic power dissipation.	CO2 CO2	K1 K1

Part – C (1*15=15)

8	a) Explain in detail dynamic characteristics (DC Transfer) of MOS Transistor. (OR) b) Implement the following expression in static CMOS logic fashion using no more than 10 transistors. Y = (AB + ACE + DE + DCB)'	CO1 CO2	K2 K1

18.9.2023

PREPARED BY

VERIFIED BY

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

18.9.23

APPROVED BY

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

REG. NO.

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: CB 3491 / CRYPTOGRAPHY AND CYBER SECURITY

Year: III **Semester: V** **Period: 2023-2024**

Date: 21 / 09 / 2023 **Time: 09.30 AM to 11.00 AM** **Max.: 50** Marks

COURSE OUTCOMES:

CO1 : Understand the fundamentals of network security, security architecture, threats and vulnerabilities .

CO2 : Apply the different cryptographic operation of symmetric cryptographic algorithm.

Part – A (05*2=10)

1	Compare Active and Passive attack.	CO1	K1
2	What are the two basic functions used in the encryption algorithm?	CO1	K1
3	What is an avalanche effect?	CO1	K1
4	Define field Ring in number theory.	CO2	K2
5	Give the five modes of operation of block cipher	CO2	K2

Part – B (2*13=26)

6	a) Explain the Substitution encryption techniques in detail. (13)		CO1	K4
	(OR)			
	b) Explain in detail about different types of attack. (13)		CO1	K3
7	a) Describe DES algorithm with neat diagram and explain the steps. (13)		CO2	K4
	(OR)			
	b) Explain the Euclids Algorithm with example. (13)		CO2	K4

Part – C (1*14=14)

8	a) Explain the security service and mechanism. (14)	CO1	K4
	(OR)		
	b) what do you mean by AES? Diagrammatically illustrate the structure of AES and describe the steps in AES encryption process with example. (14)	CO1	K3

PREPARED BY

VERIFIED BY

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

APPROVED BY

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
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ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.

REG. NO.												

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: EC8701 / ANTENNA AND MICROWAVE ENGINEERING

Year: IV **Semester: VII** **Period: 2023-2024**

Date: 12 / 10 / 2023 **Time: 09.30 AM to 11.00 AM** **Max.: 50 Marks**

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Distinguish between uniform and non-uniform arrays.	CO3	K2
2	Draw the radiation pattern for a linear array of two isotropic elements spaced λ/2 apart and with equal current fed in phase.	CO3	K2
3	A uniform linear array of 4 isotropic elements with an inter element spacing of λ / 2. Find the BWFN and directivity of end fire arrays.	CO3	K3
4	State the principle of pattern multiplication	CO4	K2
5	Define adaptive array (smart antennas).	CO4	K1

Part – B (2*13=26)

6	**a)** Derive the expression for the array factor of a linear array of two element array spaced λ/2 apart fed with signals of equal amplitude and phase. Obtain the directions of maxima and minima	CO3	K3
	(OR)		
	b) Derive the expression for the array factor of a linear array of two element array spaced λ/2 apart fed with signals of equal amplitude and opposite phase. Obtain the directions of maxima and minima	CO3	K3
7	a) Derive the expression for n- element array total Electric field. Describe a broadside array. Deduce an expression for the radiation pattern of a broadside array with four-point sources and d= λ/2.	CO4	K3
	(OR)		
	b) Describe a end fire array. Deduce an expression for the radiation pattern of a broadside array with four-point sources and d= λ/4.	CO4	K3

Part – C (1*14=14)

8	**a)** Explain in detail the Binomial array and derive the expression for the array factor. Also obtain the excitation coefficients of a 10-element binomial array.	CO3	K4
	(OR)		
	b) (i) Describe in detail about smart antennas and its applications. (8) (ii) Using pattern multiplication determine the radiation pattern for 8 element arrays separated by the distance λ / 2. (6)	CO3	K2

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DEPARTMENT OF ELECRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – III

SUBJECT CODE / NAME: EC 8701 / ANTENNA AND MICROWAVE ENGINEERING

Year: IV **Semester: VII** **Period: 2023-2024**

Date: 09 / 11 / 2023 **Time: 09.20 AM to 12.20 PM** **Max.: 100 Marks**

Part – A (10*2=20)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define Beam Width between First Null?	CO1	K2
2	What is Link Budget? Mention a simple Link Budget equation.	CO1	K3
3	Calculate the beam width between first nulls of a 2.5 m paraboloid reflector used at 6 GHz.	CO2	K3
4	State Rumsey principle on frequency independence.	CO2	K2
5	Define Grating lobes.	CO3	K2
6	What is tapering of arrays?	CO3	K2
7	What are the four different modes of operation of Gunn diode?	CO4	K2
8	A Directional coupler is having coupling factor of 20dB and directivity of 40dB. If the incident power is 900mW, what is the coupled power?	CO4	K3
9	List out the factors that may be important in the selection of a particular matching network?	CO5	K2
10	Define Available power gain	CO5	K2

Part – B (05*13=65)

11	**a)** Define and explain the significance of the following antenna parameters: (i) Antenna brightness temperature (3) (ii) Antenna noise temperature (4) (iii) Antenna Efficiency (3) (iv) Half Power Beam width (3) **(OR)** **b)** Examine the Noise Characterization of a microwave receiver	CO1 CO1	K2 K3
12	**a)** Explain in detail about Loop antenna. Derive the expression for fields at Far region **(OR)** **b)** Discuss the principle working of Parabolic reflectors. Explain the various feed techniques their relative merits and demerits. Discuss the role of f/d ratio in the	CO2 CO2	K2 K2

	parabolic reflectors (f- focal length, D – diameter of reflector).		
13	**a)** Derive the expression for the array factor of a linear array of four isotropic element spaced $\lambda/2$ apart fed with signals of equal amplitude and opposite phase. Obtain the directions of maxima and minima	**CO3**	**K3**
	(OR)		
	b) i) Derive Array factor of an Uniform linear array of n sources. Explain the significance of array factor (9)	**CO3**	**K3**
	(ii) Compare End fire and Broadside array. (4)		
14	**a)** With neat diagram explain the operation of two cavity Klystron amplifier and derive the equations for velocity modulation process.	**CO4**	**K2**
	(OR)		
	b) Explain the construction of Magic Tee and derive its S-matrix	**CO4**	**K3**
15	**a)** Explain in detail the types of mixers in microwave circuits.	**CO5**	**K2**
	(OR)		
	b) Derive the expression for L-section matching network?	**CO5**	**K3**

Part – C (1*15=15)

16	a) Design a 55 – 225 MHz log – periodic antenna to obtain a gain corresponds to scale factor 1.25 and space factor 0.15. Determine number of dipoles required to design LPDA.	**CO2**	**K4**
	(OR)		
	b) Investigate the stability regions of a transistor whose S-parameters are recorded as follows: S12=0.2 ∟-10°;S11=0.7∟ -70 °;S21=5.5 ∟85 °;S22=0.7∟ -45 °; at 750 MHz.	**CO2**	**K4**

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: EC 3552 / VLSI AND CHIP DESIGN

Year: III **Semester: V** **Period: 2023-2024**

Date: 09 / 11 / 2023 **Time: 09.20 AM to 12.20 PM** **Max.: 100 Marks**

Part – A (10*2=20)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Compare nMOS and pMOS devices.	CO1	K1
2	What are the drawbacks of scaling?	CO1	K1
3	What are the advantages of static CMOS circuits?	CO2	K1
4	Draw 2:1 MUX using transmission gate	CO2	K4
5	Compare synchronous and asynchronous design.	CO3	K2
6	State the uses of Schmitt trigger.	CO3	K2
7	What is CAM?	CO4	K2
8	Design a one transistor DRAM cell	CO4	K2
9	What are the Fault models?	CO5	K2
10	What is Boundary scan testing?	CO5	K2

Part – B (05*13=65)

11	a) Explain in detail about the ideal I-V characteristics of a NMOS and PMOS device.	CO1	K4
	(OR)		
	b) Explain about scaling and power consumption.	CO1	K4
12	a) Explain the components of static and dynamic power dissipation in CMOS circuits with necessary diagrams and expressions.	CO2	K2
	(OR)		
	b) Explain Pass transistor logic and Transmission gates in detail.	CO2	K1
13	a) Explain the operation of master-slave based edge triggered register.	CO3	K2
	(OR)		
	b) Explain about Monostable and Astable Sequential Circuit in VLSI	CO3	K1

14	a) Explain the design and operation of 4 bit unsigned array multiplier circuit and Wallace multiplier circuit.	CO4	K2
	(OR)		
	b) Explain about FPGA architecture in detail.	CO4	K1
15	a) Explain in detail about ASIC design flow.	CO5	K2
	(OR)		
	b) Explain Boundary Scan Testing.	CO5	K1

Part – C (1*15=15)

16	a) Explain about PAL,PLA,PROM	CO4	K4
	(OR)		
	b) Explain about test benches in VLSI.	CO5	K3

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: CS 3591 / COMPUTER NETWORKS

Year: III | **Semester: V** | **Period: 2023-2024**

Date: 09 / 11 / 2023 | **Time: 09.20AM to12.20PM** | **Max.:100** Marks

Part – A (10*2=20)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define Networks	CO1	K1
2	What are the five components in data communication system	CO1	K1
3	How congestion occurs in network	CO2	K1
4	What are the advantages of using UDP over TCP	CO2	K4
5	What is packet switching	CO3	K2
6	Explain IPV6? why IPV6 is preferred over IPV4?	CO3	K2
7	Define Routing	CO4	K2
8	Difference between DVR and LSR?	CO4	K2
9	Define Piggybacking	CO5	K2
10	Find the hamming distance between two pairs of code word A=01011,B=11110 ?	CO5	K2

Part – B (05*13=65)

11	**a)** Explain in detail about SMTP	CO1	K1
	(OR)		
	b) Discuss in detail about layer in OSI	CO1	K2
12	**a)** Discuss Congestion Avoidance Algorithm.	CO2	K2
	(OR)		
	b) Explain Connection establishment of termination in TCP	CO2	K4
13	**a)** Explain IPV4 Addressing	CO3	K4
	(OR)	CO3	K1

b) Explain Detail about i) ICMP ii) ARP iii) RARP

14	a)	Explain Distance Vector Routing	CO4	K4
		(OR)		
	b)	Explain DVMRP in detail	CO4	K4
15	a)	Explain i) Stop wait protocol, ii) Go-Back N iii) Selective Repeat	CO5	K4
		(OR)		
	b)	Describe CSMA/CD Protocol in Detail	CO5	K2

Part – C (1*15=15)

16	a)	Explain in Detail about IEEE 802.11	CO3	K4
		(OR)		
	b)	Explain CRC	CO2	K4

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: CEC 352 / SATELLITE COMMUNICATION

Year: III **Semester: V** **Period: 2023-2024**

Date: 14 / 11 / 2023 **Time: 09.20 AM to 12.20 PM** **Max.: 100 Marks**

Part – A (10*2=20)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	A satellite is in an elliptical orbit with eccentricity of 0.6 and perigee altitude 1000 Km. Determine: a) The semi major axis b) The period of revolution	CO1	K3
2	Assume a circular orbit: Using Newton's law of gravitation and Newton's second law, determine the acceleration of a satellite.	CO1	K2
3	What is the need for thermal control and propulsion?	CO2	K2
4	Write short notes on altitude control system.	CO2	K2
5	A satellite downlink at 10 GHz operates with a transmit power of 6 W and an antenna gain of 48.2dB. Calculate the EIRP (dBW)	CO3	K3
6	The range between a ground station & a satellite is 42000km. Calculate the free space loss a frequency of 6GHZ.	CO3	K4
7	What is the function of BCW in a TDMA frame?	CO4	K2
8	Give the diagrammatic representation of a SPADE system.	CO4	K2
9	Compare LEO and MEO and GEO satellites in terms of height, orbital period and propagation loss.	CO5	K2
10	List the basic principle of VSAT networks?	CO5	K2

Part – B (05*13=65)

11	a) What do you mean by orbital perturbations. Explain in detail?	CO1	K2
	(OR)		
	b). Explain how Keplers's and Newton's law are used to describe the orbit. Explain about satellite launch vehicles	CO1	K2
12	a) What are the three main systems for tracking satellites? How can tracking systems be affected? What are the main functions of TTC subsystem? Explain.	CO2	K2
	(OR)		
	b) (i) Describe the East West and North South station keeping maneuvers required in satellite station keeping. (4) (ii) Explain what is meant by satellite attitude and briefly describe two forms of attitude control. (9)	CO2	K2
	a) Derive the expression for uplink and downlink carrier to noise power spectral	CO3	K3

13 density.

(OR)

b) Briefly explain in detail the effects of rain in uplink and downlink in satellite communication. **CO3** **K2**

Write the design aspects and explain the technical features of TDMA frame structure and carrier recovery **CO4** **K2**

(OR)

14 b) (i) Draw the encoder diagram for the following digital signals- Unipolar, NRZ, Polar NRZ, Manchester, Polar RZ for the digital data 1010111. (10) **CO4** **K2**

(ii) Write down the advantages of CDMA for satellite networking (3)

a) Explain the three segments of a GPS. Also, describe how position and ranging are determined using a GPS system. **CO5** **K2**

15 **(OR)**

b) (i) Write short notes on GSM architecture. (8)

(ii) Explain the concept behind DTH. (5) **CO5** **K2**

Part – C (1*15=15)

a) (i) A geostationary satellite is located at 90 degrees W. Calculate the azimuth angle for an earth station antenna at latitude 35-degree N and longitude 100 degrees W. Also, find the range and antenna elevation angle. **(10)**

(ii) Determine the limits of visibility for an earth station situated at mean sea level, at a latitude48.42° north and longitude 89.26° west. Assume a minimum angle of elevation 5° **(5)** **CO1** **K4**

(OR)

16 b) (i)In a link budget calculation at 12GHz, the free space loss is 206dB, the antenna pointing loss is 1dB, and the atmospheric absorption is 2dB. The receiver G/T is 19.5 dB/K, and the receiver feeder losses are 1 dB. The EIRP is 48DBW. Calculate the carrier to noise spectral density ratio **(9)**

(ii)A geostationary satellite transmits 5 W of power with an antenna having a gain of 28 dB. The downlink is operated at 4 GHz and the receive antenna is a dish with diameter of 3.6 m. Compute the EIRP transmitted, and the power received by the receiving antenna. Assume the receiver antenna efficiency to be 0.7 and all the other losses to be 2 dB. **(6)** **CO3** **K4**

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: EE 3301 / ELECTROMAGNETIC FIELDS

Year: II **Semester: III** **Period: 2023-2024**

Date: 02 / 12 / 2023 **Time: 01.30 PM to 03.00 PM** **Max.: 50 Marks**

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	What is the divergence of curl of a vector?	CO1	K2
2	State Gauss law. What are the limitations of Gauss law?	CO1	K1
3	Write Coulomb's law. What are the applications of Coulomb's law?	CO1	K2
4	How is electric energy stored in a capacitor?	CO2	K1
5	What is a point charge?	CO2	K1

Part – B (2*13=26)

6	a) Write the infinite simal displacement, surface and volume elements is spherical and cylindrical coordinates. (13)	CO1	K3
	(OR)		
	b) i) State and prove Divergence theorem. (07) ii) State and prove Stokes theorem. (06)	CO1	K3
7	a) Derive an expression for capacitance of coaxial cable and spherical capacitor. (13)	CO2	K3
	(OR)		
	b) i) Write down the general procedure for solving poisson's and Laplace's equation (06) ii) Derive the expression for energy and energy density in static electric fields. (07)	CO2	K4

Part – C (1*14=14)

8	a) State and explain the electric boundary conditions between two dielectrics materials. (14)	CO2	K4
	(OR)		
	b) Find the electric field due to infinite long conductor and infinite sheet of charge using Gauss law. (14)	CO1	K4

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: GE8076/PROFESSIONAL ETHICS IN ENGINEERING

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 11.03.2024 **Time: 09.30 AM to11.00AM** **Max.:50** Marks

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Students Should Understand the concept and importance of engineering ethics.	K2
CO2	The student should be able to apply ethics in society	K3
CO3	The student discuss the ethical issues related to engineering	K4
CO4	The student should realize the responsibilities and rights in the society.	K5
CO5	The student should understand the global issues in Engineering	K4

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	**Define** Moral, values and Ethics.	CO1	K2
2	**List the** steps used to resolve the Moral Dilemmas?	CO1	K1
3	**State** the important of ethical theories	CO1	K2
4	**What is** Engineering Ethics?	CO2	K2
5	**Differentiate** Micro-ethics and Macro-ethics.	CO2	K3

Part – B (2*13=26)

6	a) **Explain** the scope and importance of professional ethics in engineering.**(OR)** (b) (i) **Justify** the importance of civic virtues **(6)** (ii) **What** is service learning? Why service learning is important? Explain characteristics of service Learning. **(7)**	CO1 CO1	K3 K2
7	a)**How** the moral dilemma can be resolved using Kohlberg's and Gilligan's theory **(OR)** b) **With** example and necessary illustration discuss the models of professional roles.	CO2 CO2	K2 K2

Part – C (1*14=14)

8	a) **Discuss** the role of yoga in professional excellence and stress management **(OR)** b) **Elaborate** the benefits of Empathy and compare Empathy with Sympathy.	CO1 CO1	K3 K2

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: EC8094/SATELLITE COMMUNICATION

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 12.03.2024 **Time: 09.30 AM to 11.00 AM** **Max.: 50 Marks**

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Identify the Satellite Orbits	K3
CO2	Analyze the Satellite Subsystems	K4
CO3	Evaluate the satellite Link Power Budget	K5
CO4	Identify Access Technology for Satellite	K3
CO5	Design Various Satellite Applications	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	State Kepler's third law.	CO1	K1
2	Define Apogee and Perigee	CO1	K1
3	How the satellite position is affected? List a few factors?	CO1	K2
4	Draw the block diagram of antenna subsystem.	CO2	K2
5	What is meant by transponder?	CO2	K1

Part – B (2*13=26)

6	a) Derive the complete expression for Look Angles, along with intermediate angle in satellite communication. **(OR)** (b) i) Explain and illustrate the limits of visibility in satellite orbits. **(6)** ii) Write a brief notes about satellite launch vehicles. **(7)**	CO1 CO1	K3 K2
7	a) Examine how the attitude and orbit control system (AOCS) is achieved through spin stabilization system? Give necessary diagrams **(OR)** b) What are the three main systems for tracking satellites? How can tracking systems be affected? What are the main functions of TTC subsystem? Explain.	CO2 CO2	K2 K2

Part – C (1*14=14)

8	a) A ground station lies at latitude = 39.2906 degrees N and longitude = 280.2629 degrees E. A Geostationary satellite at radius r = 42164 km has a longitude of 280.2629 degrees E. Calculate the range and look angles (azimuth and elevation angles) to the satellite? **(OR)** b) Explain in detail about orbital elements and orbital perturbations with suitable example.	CO1 CO1	K3 K2

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: EE3033 / HYBRID ENERGY TECHNOLOGY

Year: III **Semester: V** **Period: 2023-2024**

Date: 13.03.2024 **Time: 09.30 AM to 11.00 AM** **Max.: 50 Marks**

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Analyze the impacts of hybrid energy technologies on the environment and demonstrate them to harness electrical power.	K4
CO2	Select a suitable Electrical machine for Wind Energy Conversion Systems and simulate wind energy conversion system	K2
CO3	Design the power converters such as AC-DC, DC-DC, and AC-AC converters for SPV systems.	K6
CO4	Analyze the power converters such as AC-DC, DC-DC, and AC-AC converters for Hybrid energy systems	K4
CO5	Interpret the hybrid renewable energy systems	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define Hybrid Energy?	CO1	K1
2	Differentiate between Renewable and non-Renewable energy?	CO1	K2
3	List the different hybrid energy technology used in India.	CO1	K1
4	Why Doubly Fed Induction Generator is used in hybrid system	CO2	K2
5	What are the advantage and Disadvantage of Hybrid Energy Technology	CO1	K2

Part – B (2*13=26)

6 1.	a) Explain the Working and Operating characteristics of PV cell in generation of energy. (OR) b) Describe in detail about the working and Operating characteristics of Fuel cell .	CO1 CO1	K2 K2
7	a) Briefly explain with neat diagram the Construction, working principle of Squirrel cage Induction Generator? (OR) b) How does the Dobuly Fed Induction Generator is used in Hybrid Enegy System.	CO2 CO2	K2 K2

Part – C (1*15=15)

8	a) Explain in detail about the need for Hybel-Wind Energy system (OR) b) Discuss the Impacts of Renewable Energy on the Environment & Importance of Hybrid Energy?	CO1 CO2	K2 K2

PREPARED BY 13/3/24

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Anguchettypalayam, Panruti-607106.

APPROVED BY 9/11/23

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ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: GE8076/PROFESSIONAL ETHICS IN ENGINEERING

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 04.04.2024 **Time: 09.30 AM to11.00AM** **Max.:50** Marks

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Students Should Understand the concept and importance of engineering ethics.	K2
CO2	The student should be able to apply ethics in society	K3
CO3	The student discuss the ethical issues related to engineering	K4
CO4	The student should realize the responsibilities and rights in the society.	K5
CO5	The student should understand the global issues in Engineering	K4

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	**Differentiate** scientific experiment and Engineering project	CO3	K4
2	**Justify** the term informed consent?	CO3	K5
3	**List** any two resonsibilities of Engineers to the society.	CO3	K1
4	**Define** the term Collective Bargaining and list its types.	CO4	K2
5	**What** is mean by whistle blowing?	CO4	K2

Part – B (2*13=26)

6	a) **How** can an engineer become a responsible experimenter? Explain in detail.**(OR)** b) **Explain** how codes of ethics guides an engineer in the professional behavior	CO3 CO3	K2 K4
7	a) The Elements of intellectual property rights benefits people. Explain? **(OR)** b) **With** suitable examples, explain the procedure in risk benefit analysis and discuss its role in reducing risk.	CO4 CO4	K2 K4

Part – C (1*14=14)

8	a) **Discuss** the safety lesson with a case study of Chernobyl, Near Kiev, Russia in April 1986. **(OR)** b) **Elaborate** the sequence of issues that lead to failure in Challenger case.	CO3 CO4	K4 K5

PREPARED BY 1/3/2024

VERIFIED BY 1/3/2024

APPROVED BY 1/3/24

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DEPARTMENT OF ELECTRONICS AND COMMUNIOCATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: EC8094/SATELLITE COMMUNICATION

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 05.04.2024 **Time: 09.30 AM to 11.00 AM** **Max.: 50** Marks

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Identify the Satellite Orbits	K3
CO2	Analyze the Satellite Subsystems	K4
CO3	Evaluate the satellite Link Power Budget	K5
CO4	Identify Access Technology for Satellite	K3
CO5	Design Various Satellite Applications	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define noise factor.	CO3	K1
2	What do you mean by intermodulation noise? How it occurs in a link?	CO3	K2
3	The range between a ground station & a satellite is 42000km. Calculate the free space loss a frequency of 6GHZ.	CO3	K2
4	What are the methods of multiple access techniques?	CO4	K1
5	Differentiate multiple access from single access.	CO4	K1

Part – B (2*13=26)

6	**a)** Briefly explain in detail the effects of rain in uplink and downlink in satellite communication.	CO3	K2
	(OR)		
	(b How the Performance of the system affects due to system noise? Derive the expression for system noise at the receiving earth station.	CO3	K3
7	**a)** State the necessity of Digital Modulation in satellite links. With the help of block schematics. illustrate the principles of the modulation and demodulation of BPSK and QPSK and compare their spectral characteristics and performance in performance of Noise	CO4	K2
	(OR)		
	b) Explain in detail about compression and encryption techniques used in satellite communication.	CO4	K2

Part – C (1*14=14)

8	a) List and explain the steps of Link power Budget analysis for uplink and Downlink equation.	CO3	K3
	(OR)		
	b) (i)In a link budget calculation at 12GHz, the free space loss is 206dB, the antenna pointing loss is 1dB, and the atmospheric absorption is 2dB. The receiver G/T is 19.5 dB/K, and the receiver feeder losses are 1 dB. The EIRP is 48DBW. Calculate the carrier to noise spectral density ratio. (8)	CO3	K5

	(ii)Explain what is meant by saturation flux density. The power received by a 1.8 m parabolic antenna at 14 GHz is 250 pW. Calculate the power flux density (a) in W/m2 and (b) in dBW/m2 at the antenna. (6)		

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FILENO: SANCET/EXAM/FIL/32

REV.NO:00 *EFFECTIVE DATE:06.10.2017*

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DEPARTMENT OF MECHANICAL ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: ME 3492 / HYDRAULICS AND PNEUMATICS

Year: II	**Semester: IV**	**Period: 2023-2024**
Date: 23.04.2024	**Time: 9.30 AM to 11.00 AM**	**Max.: 50 Marks**

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	To provide the knowledge on the working principles of fluid power systems.	K2
CO2	To study the fluids and components used in modern industrial fluid power system.	K2
CO3	To develop the design, construction and operation of fluid power circuits.	K2
CO4	To learn the working principles of pneumatic power system and its components.	K2
CO5	To provide the knowledge of trouble shooting methods in fluid power systems.	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define Pascal's law	CO1	K2
2	What are various methods for transmitting fluid power?	CO1	K2
3	Explain the devices which convert hydraulic energy into mechanical energy.	CO1	K2
4	Differentiate between pressure relief valve and pressure reducing valve	CO2	K2
5	Draw symbols representation of single acting and double acting.	CO2	K2

Part – B (2*13=26)

6	a) With neat sketch explain internal and external gear pumps.	CO1	K2
	(OR)		
	b) Discuss in detail about vane pump and unbalanced vane pump with suitable sketch	CO1	K2
7	a) Explain the types of cylinders used in hydraulics with neat sketch.	CO2	K2
	(OR)		
	b) Classify the pressure control valve with examples and diagrams.	CO2	K2

Part – C (1*14=14)

8	a) Elaborate in detail about the bent axis piston pump and swash plate axial piston pump	CO1	K2
	(OR)		
	b) Illustrate the gerotor pump and screw pump with suitable diagrams.	CO1	K2

PREPARED BY	VERIFIED BY	APPROVED BY
FILENO: SACET/EXAM/FIL/32	*REV NO:00*	*EFFECTIVE DATE:06.10.2017*

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DEPARTMENT OF ELECTRONICS AND COMMUNIOCATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – III

SUBJECT CODE / NAME: GE8076/PROFESSIONAL ETHICS IN ENGINEERING

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 29.04.2024 **Time: 09.30 AM to12.30AM** **Max.:100** Marks

Course Outcomes:

CO No.	Course Outcome	Knowledge Level
CO1	Students Should Understand the concept and importance of engineering ethics.	K3
CO2	The student should be able to apply ethics in society	K4
CO3	The student discuss the ethical issues related to engineering	K5
CO4	The student should realize the responsibilities and rights in the society.	K3
CO5	The student should understand the global issues in Engineering	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	What are the significances of Engineering Ethics?	CO1	K1
2	Differentiate value from cost.	CO1	K1
3	List the merits of moral autonomy?	CO2	K2
4	Do engineers need virtues? Justify.	CO2	K1
5	Brief the responsibilities of Engineers to the society.	CO3	K2
6	The moral responsibility of engineers should go beyond merely following the laws"- Discuss.	CO3	K2
7	What is meant by conflict of interest?	CO4	K2
8	Compare copy right , trade mark and patent.	CO4	K2
9	Write in brief about Technology Transfer and Appropriate Technology.	CO5	K2
10	State the role of Corporate Social Responsibility	CO5	K2

Part – B (2*13=26)

11	a) List and explain the ethics in relation to other studies. **(OR)** b) What is meant by work ethics? List and explain elements of work ethics.	CO1 CO1	K3 K2
12	a) Discuss any two theories of Moral Autonomy. **(OR)** b) Explain in detail about the various types of Moral issues	CO2 CO2	K2 K2
13	a) Discuss the different roles played by codes of ethics set by professional societies.**(OR)**	CO3	K3
13	b) Write about the role of law in engineering and what are the problems with law in engineering.	CO3	K4

14	a) Assessment of safety and risk is helpful in improving the workers morality, work culture and work atmosphere **(OR)** b) Explain how elements of intellectual property rights benefits people.	CO4 CO4	K2 K2
15	a) Discuss various approaches to resolve environmental problems. Mention any four professional code of ethics concerning to environment. **(OR)** b) Enumerate on the moral and ethical issues involved in use of computers.	CO5 CO5	K2 K2

Part – C (1*15=15)

16	a) Explain the Bhopal Gas Tragedy. Discuss the violation of moral, ethical and professional codes of standard in it. Write a conclusion to avoid such strategy in future **(OR)** b) Explain the Challenger space shuttle disaster. Discuss the violation of moral, ethical and professional codes of standard in it. Write a conclusion to avoid such strategy in future.	CO5 CO5	K3 K3

26/4/24

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – 1

SUBJECT CODE / NAME: CS3401/ ALGORITHMS

Year: II **Semester: IV** **Period: FEB 2024-2024-MAY 2024**

Date: 29.04.2024 **Time: 9.30 AM to 11.00 AM** **Max.:50** Marks

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Analyze the efficiency of algorithms using various frameworks	K2
CO2	Apply graph algorithms to solve problems and analyze their efficiency.	K2
CO3	Make use of algorithm design techniques like divide and conquer, dynamic programming and greedy techniques to solve problems	K2
CO4	Use the state space tree method for solving problems.	K2
CO5	Solve problems using approximation algorithms and randomized algorithms	K2

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

Part – A (5*2=10)

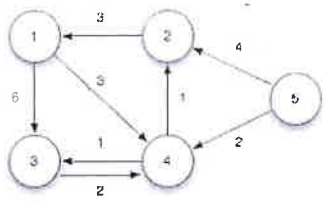
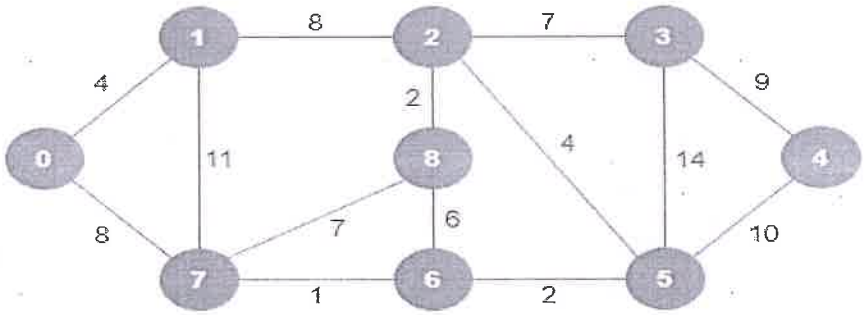
Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Define time complexity of an algorithm.	CO1	K1
2	List the types of asymptotic notations in analysing complexity of algorithms.	CO1	K1
3	Difference between prefix and suffix.	CO1	K1
4	State the bipartite graph.	CO2	K2
5	What is minimum spanning tree?	CO2	K1

Part – B (2*13=26)

6	a) What is pattern searching? Outline the steps in the knuth- morris – pratt algorithm for pattern searching with an example. T: b a c b a b a b a b a c a c a P: a b a b a c a **(OR)** b)Write andexplain rabinkarp string matching algorithm with an example. Text : A A B A A C A A D A A B A A B A Pattern : A A B A	CO1 CO1	K2 K2

	apply the asymptotic notations used for best case, worst case & average case analysis for sequential search algorithm.	CO1	K2
7	(OR)		
	b)Apply the max and min heap sort algorithm to sort the following sequence of n numbers stored in an array. 82,90,10,12,15,77,55,23	CO1	K3

Part – C (1*14=14)

	a) Write and explain the pseudo code for Floyd warshall algorithm and write its time complexity. 		
	(OR)		
8	b) Write and explain the Dijikstra's algorithm. Find the shortest path the following graph using Dijikstra's algorithm. 	CO2	K2
		CO2	K3

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DEPARTMENT OF ELECTRONICS AND COMMUNIOCATION ENGINEERING

CONTINUOUS INTERNAL ASSESSMENT – III

SUBJECT CODE / NAME: EC8094/SATELLITE COMMUNICATION

Year: IV **Semester: VIII** **Period: 2023-2024**

Date: 30. 04. 2024 **Time: 09.30 AM to 12.30 AM** **Max.: 100** Marks

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	Identify the Satellite Orbits	K3
CO2	Analyze the Satellite Subsystems	K4
CO3	Evaluate the satellite Link Power Budget	K5
CO4	Identify Access Technology for Satellite	K3
CO5	Design Various Satellite Applications	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Name the Keplerian element set.	CO1	K1
2	What is meant by sun transit outage?	CO1	K1
3	How stabilization by momentum wheel is achieved? Demonstrate.	CO2	K2
4	Estimate 3-dB beamwidth of a parabolic reflector antenna having 30m diameter at 6 GHz.	CO2	K1
5	List the ionospheric effects on space link.	CO3	K2
6	Write the relationship between EIRP and antenna gain?	CO3	K2
7	Is Compression and encryption are essential in satellite communication? Justify with examples?	CO4	K2
8	Give the diagrammatic representation of a SPADE system.	CO4	K2
9	List the types of satellite services.	CO5	K2
10	List the basic principle of VSAT networks.	CO5	K2

Part – B (2*13=26)

11	a) What do you mean by look angles? How they are determined for a geostationary orbit? Give Details. **(OR)** b) Give a detailed note on launching vehicles and the procedures employed for launching spacecraft in GEO orbits.	CO1 CO1	K3 K2
12	a) What are the various subsystems in the space segment of a satellite communication system? Explain the need and function of each subsystem **(OR)** b) Explain the applications of thermal control in space craft design.	CO2 CO2	K2 K2
13	a) Briefly explain in detail the effects of rain in uplink and downlink in satellite communication. **(OR)**	CO3	K3

13	b) (i) Derive the [C/No] ratio for satellite uplink in terms of input back off. **(8)** (ii) The range between a ground station and a satellite is 42,000 km. Calculate the free space loss at a frequency of 10GHz. **(5)**	CO3	K4
14	a) Illustrate the basic equipment blocks in a TDMA system. Sketch the TDMA frame and burst formats and enumerate the functions of each burst. **(OR)** b) Distinguish CDMA and FDMA techniques and explain the CMDA technique in detail.	CO4 CO4	K2 K2
15	a) Describe the operation of typical VSAT system. State briefly where VSAT system find widest application. **(OR)** b) (i)Explain the three segments of a GPS. Also, describe how position and ranging are determined using a GPS system. **(7 Marks)** (ii)Write short notes on GSM architecture. **(6 Marks)**	CO5 CO5	K2 K2

Part – C (1*15=15)

8	(a) (i) The state of Virginia may be represented roughly as a rectangle bounded by 39.5° N latitude on the north, 36.5° N latitude on the south, 76.0° W longitude on the east and 86.3° W longitude on the west. If a geostationary satellite must be visible throughout virginia at an elevation angle no lower than 20°, what is the range of longitudes within which the subsatellite point of the satellite must lie? **(10)** a) (ii) Differentiate geostationary and geosynchronous satellite **(3)** **(OR)** (i)State and Explain Keplers three laws of motion with suitable diagrams. **(4)** (ii) A satellite is orbiting in the equatorial plane with a period from perigee to perigee of 12 h. Given that the Eccentricity is 0.002. Calculate the semi major axis. The earth's equatorial radius is 6378.1414km. **(7)** (iii) Write a brief note on Atmospheric drag. **(4)**	CO1 CO1	K3 K3

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DEPARTMENT OF MECHANICAL ENGINEERING
CONTINUOUS INTERNAL ASSESSMENT – I

SUBJECT CODE / NAME: ME 3491 / STRENGTH OF MATERIALS

Year: II **Semester: IV** **Period: 2023-2024**

Date: 30.04.2024 **Time: 9.30 AM to 11.00 AM** **Max.: 50 Marks**

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	To Understand the concepts of stress and strain in simple and compound bars, the importance of principal stresses and principal planes.	K2, K3
CO2	To Understand the load transferring mechanism in beams and stress distribution due to shearing force and bending moment.	K2, K3
CO3	To Apply basic equation of torsion in designing of shafts and helical springs.	K2, K3
CO4	To Calculate slope and deflection in beams using different methods.	K2, K3
CO5	To Analyze thin and thick shells for applied pressures.	K2, K3

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Why is a hollow shaft preferred over a solid shaft for transmitting power?	CO3	K2
2	Draw the diagram showing the shear stress distribution along the thickness of a hollow shaft subjected to torsion.	CO3	K2
3	Explain the types of helical springs	CO3	K2
4	List out the modes of failure in thin cylindrical shell due to an internal pressure.	CO5	K2
5	Distinguish between thin and thick shell	CO5	K2

Part – B (2*13=26)

6	a) A closely coiled helical spring of mean diameter 20 cm is made up of 3 cm diameter rod and has 16 turns. A weight of 3 kN is dropped on this spring. Find the height by which the weight should be dropped before striking the spring so that the spring may be compressed by 18 cm. Take 8×10^4 N/mm^2	CO3	K3
	(OR)		
	b) Determine the maximum shear stress and elongation in a helical steel spring composed of 15 turns of 16 mm diameter wire on a mean radius of 80 mm, when the spring is supporting a load of 1.4 kN. Take rigidity modulus as 80 GPa.	CO3	K3
7	a) A cylindrical thin drum 80 cm in diameter and 3 m long has a shell thickness of 1 cm. If the drum is subjected to an internal pressure of 2.5 N/mm^2, determine (i) circumferential stress (ii) longitudinal stress (iii) maximum shear stress (iv) change in diameter (v) change in length (vi) change in volume. Take $E=2 \times 10^5$ N/mm^2, Poisson's ratio = 0.25.	CO5	K3
	(OR)		
	b) A thin spherical shell 1 m in diameter with its wall of 1.2 cm thickness is filled with a fluid at atmospheric pressure. What intensity of pressure will be developed in	CO5	K3

	it if 175 cm^3 more of fluid is pumped into it? Also Calculate the circumferential stress at that pressure and increase in diameter. Take E=200 GN/m^2, 1/m=0.3.		
	Part – C (1*14=14)		
8	a) Two shafts of the same material and of same lengths are subjected to the same torque, if the shaft is of a solid circular section and the second shaft is of hollow circular section, whose internal diameter is 2/3 of the outside diameter and the maximum shear stress developed in each shaft is the same, compare the weights of the shafts.	CO3	K3
	(OR)		
	b) A brass tube of external diameter 40 mm and internal diameter 25 mm closely surrounds a steel rod of 25 mm diameter to form a composite shaft. If a torque of 10 kNm is to be resisted by this shaft, find the maximum shear stresses developed in each material and the angle of twist in1 m length. Assume modulus of rigidity of brass and steel as 40 GPa and 80 GPa respectively.	CO3	K3

PREPARED BY
FILENO: SACET/EXAM/FIL/32

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REV NO:00

APPROVED BY
EFFECTIVE DATE:06.10.2017

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DEPARTMENT OF MECHANICAL ENGINEERING
CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: ME 3491 / STRENGTH OF MATERIALS

Year: II **Semester: IV** **Period: 2023-2024**

Date: 07.06.2024 **Time: 9.30 AM to 11.00 AM** **Max.: 50 Marks**

Course Outcomes:

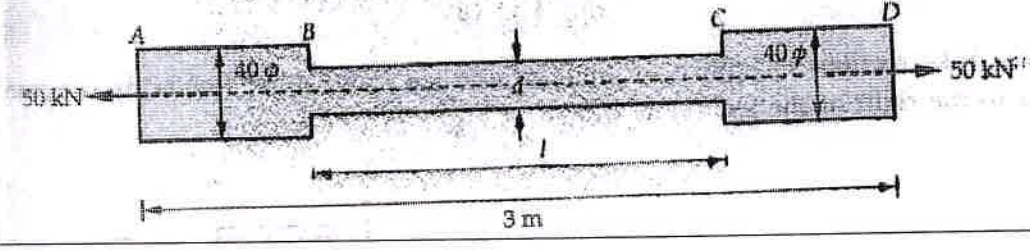
CO No	Course Outcome	Knowledge Level
CO1	To Understand the concepts of stress and strain in simple and compound bars, the importance of principal stresses and principal planes.	K2, K3
CO2	To Understand the load transferring mechanism in beams and stress distribution due to shearing force and bending moment.	K2, K3
CO3	To Apply basic equation of torsion in designing of shafts and helical springs.	K2, K3
CO4	To Calculate slope and deflection in beams using different methods.	K2, K3
CO5	To Analyze thin and thick shells for applied pressures.	K2, K3

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	What do you meant by thermal stress and thermal strain?	CO1	K2
2	Define principal planes and principal stress	CO1	K2
3	Define flitched beam	CO2	K2
4	What are the assumptions made in theory of simple bending?	CO2	K2
5	Write about the maximum deflection in a simply supported beam carrying udl on full span?	CO4	K2

Part – B (2*13=26)

6	a) When a certain member 40 mm square is subjected to an axial pull of 1, 60,000 N, the extension on a gauge length of 200 mm is 0.10 mm and decrease in the sides is0.005 mm. Find the Poisson's ratio and elastic constants and change in volume. (OR) b) An alloy circular bar ABCD 3 m long is subjected to a tensile force of 50 KN. If the stress in the middle portion BC is not exceed 150 MPa, then what should be its diameter? Also find the length of the middle portion. If the total extension of the bar should not exceed by 3 mm. Take E=100 GPa. 	CO1 CO1	K3 K3
7	a) A beam of length 12 m simply supported at its ends carries three concentrated		

	loads of 6 KN, 5 KN and 7KN at the distance of 4m, 7m and 10 m respectively from the left support. Also an uniformly distributed load of 2 KN/m acts for 2 m length from left support and 3 KN/m uniformly distributed load acts for 3 m length from right support. Draw the shear force and bending moment diagrams.	CO2	K3
	(OR)		
	b) A cantilever 1.5 m long is loaded with an udl of 2 KN/m run over a length of 1.25 m from the free end. It also carries a point load of 3 KN at a distance of 0.25 m from the free end. Draw the shear force and bending moment diagrams of the cantilever.	CO2	K3

Part – C (1*14=14)

8	a) A beam 6m long, simply supported at its ends, is carrying a point load of 50 kN at its centre. The moment of inertia of the beam is given as equal to 78 x 10^6 mm^4.If E for the material of the beam = 2.1 x 10^5 N/mm^2. Calculate: (i) deflection at the centre of the beam and (ii) slope at the supports.	CO4	K3
	(OR)		
	b) A simply supported wooden beam 150 mm wide and 250 mm deep has a span of 4 m. Determine the load, that can be placed at its centre to cause the beam a deflection of 12 mm. Take E= 6 x 10^6 KN/m^2. And find the maximum slope.	CO4	K3

3/6/24

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FILENO: SACET/EXAM/FIL/32

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APPROVED BY

EFFECTIVE DATE:06-10-2017

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ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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Accredited by NAAC,
ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF MECHANICAL ENGINEERING
CONTINUOUS INTERNAL ASSESSMENT – II

SUBJECT CODE / NAME: ME 3492 / HYDRAULICS AND PNEUMATICS

Year: II **Semester: IV** **Period: 2023-2024**

Date: 06.06.2024 **Time: 9.30 AM to 11.00 AM** **Max.: 50 Marks**

Course Outcomes:

CO No	Course Outcome	Knowledge Level
CO1	To provide the knowledge on the working principles of fluid power systems.	K2
CO2	To study the fluids and components used in modern industrial fluid power system.	K2
CO3	To develop the design, construction and operation of fluid power circuits.	K2
CO4	To learn the working principles of pneumatic power system and its components.	K2
CO5	To provide the knowledge of trouble shooting methods in fluid power systems.	K2

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

Part – A (5*2=10)

Qn. No	Questions	Course Outcome	Blooms Taxonomy
1	Explain the function of relief valve in a hydraulic system	CO3	K2
2	Discuss the functions of accumulators	CO3	K2
3	Define fluidics	CO4	K2
4	How is the speed of a cylinder controlled in pneumatic system?	CO4	K2
5	List any two selection criteria of hydraulic systems and pneumatic system	CO5	K2

Part – B (2*13=26)

6	a) Explain the fail-safe circuit with suitable sketches.	CO3	K2
	(OR)		
	b) With the aid of neat sketches, describe meter-in and meter-out hydraulic circuits.	CO3	K2
7	a) Explain the construction and working principle of FRL Unit with neat sketch	CO4	K2
	(OR)		
	b) Citing an industrial example, illustrate the working of a quick exhaust valve.	CO4	K2

Part – C (1*14=14)

8	a) Sketch a hydraulic circuit used for the operation of a surface grinder and explain the same	CO5	K2
	(OR)		
	b) Discuss the possible causes and remedies of hydraulic cylinders and actuators	CO5	K2

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