



OFFICE OF THE CONTROLLER OF EXAMINATIONS

HERITAGE INSTITUTE OF TECHNOLOGY

**RESULT OF B.TECH (2ND 4TH, 6TH & 8TH SEM.), M.TECH (2ND & 4TH SEM) &
MCA (2ND & 4TH SEM) SEMESTER EXAMINATIONS, 2022-23**

Placed for

*Approval of
Board of Examinations & Academic Council
of HITK*

HERITAGE INSTITUTE OF TECHNOLOGY

Academic results of B.Tech Even Semester (2nd sem) Examination - '23

B.Tech 1st year 2nd Semester

Dept.	No. of students	SGPA2 >=9 & %	8<= SGPA2 <9 & %	7<= SGPA2 <8 & %	6<= SGPA2 <7 & %	SGPA2 <6 & %	passed without backlog	Highest YGPA with Name
CSE	174	26	44	47	34	23	144	10 ADARSH JHA & KOUSHIKI DAS
%		14.94	25.29	27.01	19.54	13.22	82.76	
IT	57	8	6	19	15	9	43	9.89 SUHRID BEHARI PAUL
%		14.04	10.53	33.33	26.32	15.79	75.44	
ECE	163	10	32	61	39	21	131	9.78 AHONA DUTTA
%		6.13	19.63	37.42	23.93	12.88	80.37	
BT	51	4	6	18	12	11	35	9.22 SRUTI GUPTA
%		7.84	11.76	35.29	23.53	21.57	68.63	
AEIE	50	0	7	13	17	13	32	8.80 SAGNIK DAS
%		0.00	14.00	26.00	34.00	26.00	64.00	
CHE	33	4	6	8	8	7	26	9.28 TANMOY TAMILI
%		12.12	18.18	24.24	24.24	21.21	78.79	
ME	34	1	4	8	13	8	24	9.35 PRIYANSHU ROY
%		2.94	11.76	23.53	38.24	23.53	70.59	
CE	31	0	3	5	14	9	22	8.49 SUMANT KUMAR
%		0.00	9.68	16.13	45.16	29.03	70.97	
EE	45	3	8	8	16	10	33	9.68 KASISH SHAW
%		6.67	17.78	17.78	35.56	22.22	73.33	
CSBS	53	1	5	14	18	15	38	9.84 SUBHOBROTO SASMAL
%		1.89	9.43	26.42	33.96	28.30	71.70	
AIML	60	6	12	20	17	5	53	9.66 ADITYA MAZUMDAR
%		10.00	20.00	33.33	28.33	8.33	88.33	
DS	61	7	21	13	12	8	53	9.68 ATYASHA BHATTACHARYYA
%		11.48	34.43	21.31	19.67	13.11	86.89	
IOT (CS)	56	4	22	12	13	5	49	9.49 SRIJAN DUTTA
%		7.14	39.29	21.43	23.21	8.93	87.50	
Total	868	74	176	246	228	144	683	
Total %		8.53	20.28	28.34	26.27	16.59	78.69	

MCA 1st year 2nd Semester

Dept.	No. of students	SGPA2 >=9 & %	8<= SGPA2 <9 & %	7<= SGPA2 <8 & %	6<= SGPA2 <7 & %	SGPA2 <6 & %	passed without backlog	Highest YGPA with Name
MCA	60	6	23	25	4	2	56	9.64 RHITAJYOTI MANDAL
Total %		10.00	38.33	41.67	6.67	3.33	93.33	

RESULT ANALYSIS - EVEN SEM, 2023
2ND SEM - B.TECH (THEORY & LAB)

MATH 1201
(Mathematics II)

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	21	22	34	48	24	22	3
% age	12.07	12.64	19.54	27.59	13.79	12.64	1.72
IT	6	7	12	11	14	6	1
% age	10.53	12.28	21.05	19.30	24.56	10.53	1.75
ECE	8	13	29	46	33	28	6
% age	4.91	7.98	17.79	28.22	20.25	17.18	3.68
BT	0	4	2	10	17	15	3
% age	0.00	7.84	3.92	19.61	33.33	29.41	5.88
AEIE	0	0	7	12	11	15	5
% age	0.00	0.00	14.00	24.00	22.00	30.00	10.00
ChE	1	1	7	6	5	12	1
% age	3.03	3.03	21.21	18.18	15.15	36.36	3.03
ME	2	0	3	6	12	10	1
% age	5.88	0.00	8.82	17.65	35.29	29.41	2.94
CE	0	0	2	4	10	12	3
% age	0.00	0.00	6.45	12.90	32.26	38.71	9.68
EE	3	1	5	7	5	22	2
% age	6.67	2.22	11.11	15.56	11.11	48.89	4.44
CSBS	2	3	0	13	14	21	0
% age	3.77	5.66	0.00	24.53	26.42	39.62	0.00
CSE(AIML)	1	5	8	17	17	10	2
% age	1.67	8.33	13.33	28.33	28.33	16.67	3.33
CSE(DS)	2	11	11	16	9	10	2
% age	3.28	18.03	18.03	26.23	14.75	16.39	3.28
CSE(IOT)	0	10	11	15	7	12	1
% age	0.00	17.86	19.64	26.79	12.50	21.43	1.79

HMTS 1202
(Business English)

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	14	66	53	31	9	1	0
% age	8.05	37.93	30.46	17.82	5.17	0.57	0.00
IT	13	21	16	6	1	0	0
% age	22.81	36.84	28.07	10.53	1.75	0.00	0.00
ECE	12	51	55	31	10	4	0
% age	7.36	31.29	33.74	19.02	6.13	2.45	0.00
BT	8	35	6	2	0	0	0
% age	15.69	68.63	11.76	3.92	0.00	0.00	0.00
AEIE	2	16	13	8	6	3	2
% age	4.00	32.00	26.00	16.00	12.00	6.00	4.00
ChE	4	12	14	1	1	1	0
% age	12.12	36.36	42.42	3.03	3.03	3.03	0.00
ME	1	8	15	10	0	0	0
% age	2.94	23.53	44.12	29.41	0.00	0.00	0.00
CE	0	1	6	12	7	3	2
% age	0.00	3.23	19.35	38.71	22.58	9.68	6.45
EE	4	13	16	5	5	2	0
% age	8.89	28.89	35.56	11.11	11.11	4.44	0.00
CSBS	4	11	16	8	11	3	0
% age	7.55	20.75	30.19	15.09	20.75	5.66	0.00
CSE(AIML)	2	15	24	17	2	0	0
% age	3.33	25.00	40.00	28.33	3.33	0.00	0.00
CSE(DS)	8	20	20	11	1	1	0
% age	13.11	32.79	32.79	18.03	1.64	1.64	0.00
CSE(IOT)	0	17	20	13	3	3	0
% age	0.00	30.36	35.71	23.21	5.36	5.36	0.00

CHEM 1001
Chemistry - I

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BT	0	4	3	8	12	17	7
% age	0.00	7.84	5.88	15.69	23.53	33.33	13.73
ChE	2	3	7	3	8	8	2
% age	6.06	9.09	21.21	9.09	24.24	24.24	6.06
ME	1	0	1	3	6	19	4
% age	2.94	0.00	2.94	8.82	17.65	55.88	11.76
CE	0	0	1	6	8	14	2
% age	0.00	0.00	3.23	19.35	25.81	45.16	6.45
EE	2	1	3	10	11	12	6
% age	4.44	2.22	6.67	22.22	24.44	26.67	13.33
CSE(AIML)	0	6	8	18	13	15	0
% age	0.00	10.00	13.33	30.00	21.67	25.00	0.00
CSE(DS)	2	8	14	12	9	16	0
% age	3.28	13.11	22.95	19.67	14.75	26.23	0.00
CSE(IOT)	2	6	18	12	4	12	2
% age	3.57	10.71	32.14	21.43	7.14	21.43	3.57

ELEC 1001
Basic Electrical Engineering

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BT	3	3	9	8	14	9	5
% age	5.88	5.88	17.65	15.69	27.45	17.65	9.80
ChE	2	5	4	5	3	10	4
% age	6.06	15.15	12.12	15.15	9.09	30.30	12.12
ME	1	3	6	6	5	11	2
% age	2.94	8.82	17.65	17.65	14.71	32.35	5.88
CE	1	3	2	3	9	9	4
% age	3.23	9.68	6.45	9.68	29.03	29.03	12.90
EE	4	5	5	5	5	16	5
% age	8.89	11.11	11.11	11.11	11.11	35.56	11.11
CSE(AIML)	5	8	11	15	9	12	0
% age	8.33	13.33	18.33	25.00	15.00	20.00	0.00
CSE(DS)	6	15	15	7	6	10	2
% age	9.84	24.59	24.59	11.48	9.84	16.39	3.28
CSE(IOT)	8	13	10	5	7	11	2
% age	14.29	23.21	17.86	8.93	12.50	19.64	3.57

PHYS 1001**Physics I**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	15	25	20	32	29	41	12
% age	8.62	14.37	11.49	18.39	16.67	23.56	6.90
IT	3	5	2	4	12	21	10
% age	5.26	8.77	3.51	7.02	21.05	36.84	17.54
ECE	7	11	24	34	21	51	15
% age	4.29	6.75	14.72	20.86	12.88	31.29	9.20
AEIE	0	1	4	8	9	19	9
% age	0.00	2.00	8.00	16.00	18.00	38.00	18.00
CSBS	1	3	3	6	12	20	8
% age	1.89	5.66	5.66	11.32	22.64	37.74	15.09

CSEN 1001**Programming for Problem Solving**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	5	23	29	36	32	39	10
% age	2.87	13.22	16.67	20.69	18.39	22.41	5.75
IT	4	6	4	19	9	13	2
% age	7.02	10.53	7.02	33.33	15.79	22.81	3.51
ECE	2	6	18	43	33	53	8
% age	1.23	3.68	11.04	26.38	20.25	32.52	4.91
AEIE	0	1	4	16	13	12	4
% age	0.00	2.00	8.00	32.00	26.00	24.00	8.00
CSBS	0	1	3	9	15	18	7
% age	0.00	1.89	5.66	16.98	28.30	33.96	13.21

HMTS 1251
(Language Lab)

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	42	74	42	10	1	2	3
% age	24.14	42.53	24.14	5.75	0.57	1.15	1.72
IT	16	30	6	3	2	0	0
% age	28.07	52.63	10.53	5.26	3.51	0.00	0.00
ECE	20	95	36	8	1	1	2
% age	12.27	58.28	22.09	4.91	0.61	0.61	1.23
BT	4	30	12	5	0	0	0
% age	7.84	58.82	23.53	9.80	0.00	0.00	0.00
AEIE	5	29	10	4	1	1	0
% age	10.00	58.00	20.00	8.00	2.00	2.00	0.00
ChE	13	18	0	0	0	1	1
% age	39.39	54.55	0.00	0.00	0.00	3.03	3.03
ME	6	14	11	2	0	0	1
% age	17.65	41.18	32.35	5.88	0.00	0.00	2.94
CE	0	10	14	2	3	2	0
% age	0.00	32.26	45.16	6.45	9.68	6.45	0.00
EE	0	9	6	9	8	8	5
% age	0.00	20.00	13.33	20.00	17.78	17.78	11.11
CSBS	4	24	19	5	0	0	1
% age	7.55	45.28	35.85	9.43	0.00	0.00	1.89
CSE(AIML)	16	24	8	7	0	5	0
% age	26.67	40.00	13.33	11.67	0.00	8.33	0.00
CSE(DS)	8	28	17	3	2	3	0
% age	13.11	45.90	27.87	4.92	3.28	4.92	0.00
CSE(IOT)	3	22	23	7	1	0	0
% age	5.36	39.29	41.07	12.50	1.79	0.00	0.00

CHEM 1051
Chemistry Lab

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BT	33	10	7	1	0	0	0
% age	64.71	19.61	13.73	1.96	0.00	0.00	0.00
ChE	18	9	4	1	0	0	1
% age	54.55	27.27	12.12	3.03	0.00	0.00	3.03
ME	18	8	5	2	0	0	1
% age	52.94	23.53	14.71	5.88	0.00	0.00	2.94
CE	19	6	4	1	0	0	1
% age	61.29	19.35	12.90	3.23	0.00	0.00	3.23
EE	28	11	2	2	0	0	2
% age	62.22	24.44	4.44	4.44	0.00	0.00	4.44
CSE(AIML)	30	19	9	2	0	0	0
% age	50.00	31.67	15.00	3.33	0.00	0.00	0.00
CSE(DS)	24	21	8	5	1	2	0
% age	39.34	34.43	13.11	8.20	1.64	3.28	0.00
CSE(IOT)	28	23	3	2	0	0	0
% age	50.00	41.07	5.36	3.57	0.00	0.00	0.00

ELEC 1051
Basic Electrical Engineering Lab

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BT	13	13	10	10	3	2	0
% age	25.49	25.49	19.61	19.61	5.88	3.92	0.00
ChE	6	10	11	5	0	0	1
% age	18.18	30.30	33.33	15.15	0.00	0.00	3.03
ME	1	17	12	3	1	0	0
% age	2.94	50.00	35.29	8.82	2.94	0.00	0.00
CE	0	5	5	12	3	6	0
% age	0.00	16.13	16.13	38.71	9.68	19.35	0.00
EE	11	12	8	6	4	1	3
% age	24.44	26.67	17.78	13.33	8.89	2.22	6.67
CSE(AIML)	2	15	22	14	6	1	0
% age	3.33	25.00	36.67	23.33	10.00	1.67	0.00
CSE(DS)	7	20	18	9	5	1	1
% age	11.48	32.79	29.51	14.75	8.20	1.64	1.64
CSE(IOT)	6	25	18	4	3	0	0
% age	10.71	44.64	32.14	7.14	5.36	0.00	0.00

MECH 1052**Engineering Graphics & Design**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BT	9	12	11	15	3	1	0
% age	17.65	23.53	21.57	29.41	5.88	1.96	0.00
ChE	0	11	9	6	4	2	1
% age	0.00	33.33	27.27	18.18	12.12	6.06	3.03
ME	2	7	13	3	5	4	0
% age	5.88	20.59	38.24	8.82	14.71	11.76	0.00
CE	1	10	4	4	5	5	2
% age	3.23	32.26	12.90	12.90	16.13	16.13	6.45
EE	1	5	21	9	5	2	2
% age	2.22	11.11	46.67	20.00	11.11	4.44	4.44
CSE(AIML)	9	15	20	11	4	1	0
% age	15.00	25.00	33.33	18.33	6.67	1.67	0.00
CSE(DS)	7	23	14	9	2	5	1
% age	11.48	37.70	22.95	14.75	3.28	8.20	1.64
CSE(IOT)	2	15	23	10	4	2	0
% age	3.57	26.79	41.07	17.86	7.14	3.57	0.00

PHYS 1051**Physics Lab**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	58	51	40	13	9	2	1
% age	33.33	29.31	22.99	7.47	5.17	1.15	0.57
IT	10	21	14	7	3	2	0
% age	17.54	36.84	24.56	12.28	5.26	3.51	0.00
ECE	45	50	40	19	4	3	2
% age	27.61	30.67	24.54	11.66	2.45	1.84	1.23
AEIE	5	15	14	11	1	3	1
% age	10.00	30.00	28.00	22.00	2.00	6.00	2.00
CSBS	9	18	12	12	1	0	1
% age	16.98	33.96	22.64	22.64	1.89	0.00	1.89

CSEN 1051**Programming for Problem Solving Lab**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	61	56	27	18	4	6	2
% age	35.06	32.18	15.52	10.34	2.30	3.45	1.15
IT	14	13	14	8	6	1	1
% age	24.56	22.81	24.56	14.04	10.53	1.75	1.75
ECE	69	59	22	9	1	1	2
% age	42.33	36.20	13.50	5.52	0.61	0.61	1.23
AEIE	10	17	11	3	4	1	4
% age	20.00	34.00	22.00	6.00	8.00	2.00	8.00
CSBS	11	11	12	13	4	0	2
% age	20.75	20.75	22.64	24.53	7.55	0.00	3.77

MECH 1051**Workshop / Manufacturing Practices**

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSE	19	48	52	33	15	5	2
% age	10.92	27.59	29.89	18.97	8.62	2.87	1.15
IT	6	14	14	16	6	1	0
% age	10.53	24.56	24.56	28.07	10.53	1.75	0.00
ECE	15	56	47	27	12	3	3
% age	9.20	34.36	28.83	16.56	7.36	1.84	1.84
AEIE	5	9	11	21	3	1	0
% age	10.00	18.00	22.00	42.00	6.00	2.00	0.00
CSBS	1	11	23	11	4	2	1
% age	1.89	20.75	43.40	20.75	7.55	3.77	1.89

RESULT ANALYSIS - EVEN SEM, 2023
2ND SEM – MCA (THEORY & LAB)

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
MCAP 1201:Data Structure and Algorithms	2	11	10	26	10	0	1
% age	3.33	18.33	16.67	43.33	16.67	0.00	1.67
MCAP 1202:Computer Communication Networks	0	10	22	20	5	2	1
% age	0.00	16.67	36.67	33.33	8.33	3.33	1.67
MCAP 1203:Soft Computing	1	18	24	10	4	2	1
% age	1.67	30.00	40.00	16.67	6.67	3.33	1.67
MCAP 1204:Operating Systems	1	8	19	20	8	3	1
% age	1.67	13.33	31.67	33.33	13.33	5.00	1.67
MCAP 1205: Information System Analysis and Design	0	12	20	12	11	4	1
% age	0.00	20.00	33.33	20.00	18.33	6.67	1.67

	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
MCAP 1211 :Data Structure & Algorithms Lab	7	14	17	11	9	2	0
% age	11.67	23.33	28.33	18.33	15.00	3.33	0.00
MCAP 1212:Computer Network Lab	36	21	3	0	0	0	0
% age	60.00	35.00	5.00	0.00	0.00	0.00	0.00
HMTS 1221:Career Development and Management	0	25	31	3	1	0	0
% age	0.00	41.67	51.67	5.00	1.67	0.00	0.00

RESULT ANALYSIS - EVEN SEM, 2023
8TH SEM - B.TECH (THEORY & LAB)

Computer Science & Engineering (Theory)							
No. of students = 215							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 4232 / 4233/ 4237 Mobile Computing/Pattern Recognition/Web Development with Node and Express	6	33	74	43	42	16	1
(%)	2.79	15.35	34.42	20.00	19.53	7.44	0.47
CSEN 4241 / 4242 Distributed Databases/Natural Language Processing	10	51	68	45	30	10	1
(%)	4.65	23.72	31.63	20.93	13.95	4.65	0.47
BIOT 4221 / BIOT 4222 / BIOT4223/ HMTS 4222 Computational Biology/Non-conventional Energy/Biology for Engineers/Introduction to French Language	52	64	54	33	5	7	0
(%)	24.19	29.77	25.12	15.35	2.33	3.26	0.00

Computer Science & Engineering (Lab)							
No. of students = 215							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 4295 Project II	43	108	52	9	3	0	0
(%)	20.00	50.23	24.19	4.19	1.40	0.00	0.00
CSEN 4297 Comprehensive Viva-Voce	54	51	60	50	0	0	0
(%)	25.12	23.72	27.91	23.26	0.00	0.00	0.00

Information Technology (Theory)							
No. of students =69							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
INFO 4232 Internet Technology	3	11	24	14	11	6	0
(%)	4.35	15.94	34.78	20.29	15.94	8.70	0.00
INFO 4242 Cloud Computing	0	12	27	23	4	3	0
(%)	0.00	17.39	39.13	33.33	5.80	4.35	0.00
ECEN 4223 Optical Fiber Communication	6	23	20	11	6	3	0
(%)	8.70	33.33	28.99	15.94	8.70	4.35	0.00

Information Technology (lab)							
No. of students =69							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
INFFO 4295 Project II	9	19	21	18	2	0	0
(%)	13.04	27.54	30.43	26.09	2.90	0.00	0.00
INFO 4297 Comprehensive Viva- Voce	18	20	15	9	7	0	0
(%)	26.09	28.99	21.74	13.04	10.14	0.00	0.00

Electronics & Communication Engineering (Theory)							
No. of students =211							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ECEN 4241/ECEN 4242/ 4244 / 4245 Real Time Embedded System/Satellite Communication & Remote Sensing/Nanoelectronics & Nanophotonics/Cognitive Radio - Deployment Strategy & Applications	24	42	47	37	39	21	1
(%)	11.37	19.91	22.27	17.54	18.48	9.95	0.47
ECEN 4246 / 4247 / 4249 Wireless Sensor Networks/Mobile Communication - 3G and Above/Application of Green Energy	65	43	28	33	24	17	1
(%)	30.81	20.38	13.27	15.64	11.37	8.06	0.47
BIOT4222/ BIOT4223/ ECEN4221/ ELEC4221/ HMETS4222/ INFO4221 Non-conventional Energy/Biology for Engineers/Low Power High Performance Digital VLSI Circuit Design/Applied Illumination Engineering/Introduction to French Language/Fundamentals of Cryptography	61	36	46	35	20	12	1
(%)	28.91	17.06	21.80	16.59	9.48	5.69	0.47

Electronics & Communication Engineering (Lab)							
No. of students =211							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ECEN 4295 Project Work II & Dissertation	84	77	35	12	3	0	0
(%)	39.81	36.49	16.59	5.69	1.42	0.00	0.00
ECEN 4297 Comprehensive Viva-Voce	32	51	60	45	23	0	0
(%)	15.17	24.17	28.44	21.33	10.90	0.00	0.00

Biotechnology (Theory)							
No. of students =59							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
BIOT 4231 Bioethics & IPR	18	16	11	4	9	1	0
(%)	30.51	27.12	18.64	6.78	15.25	1.69	0.00
BIOT 4241 / 4242 Renewable Energy Technology/Tissue Engineering	10	18	18	10	2	1	0
(%)	16.95	30.51	30.51	16.95	3.39	1.69	0.00
AEIE 4222 / CHEN4221/ CHEN4222 Medical Instrumentation/Fuel Cell Technology/Introduction to Solar and Wind Technology	12	17	13	8	6	3	0
(%)	20.34	28.81	22.03	13.56	10.17	5.08	0.00

Biotechnology (Lab)							
No. of students =59							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
BIOT 4295 Project II	44	11	4	0	0	0	0
(%)	74.58	18.64	6.78	0.00	0.00	0.00	0.00
BIOT 4297 Comprehensive Viva-Voce	16	27	12	4	0	0	0
(%)	27.12	45.76	20.34	6.78	0.00	0.00	0.00

Applied Electronics & Instrumentation Engineering (Theory)

No. of students =52

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
AEIE4231 / AEIE4233 Power Plant Instrumentation/Machine Learning Techniques	5	7	16	7	12	5	0
(%)	9.62	13.46	30.77	13.46	23.08	9.62	0.00
AEIE 4241 / 4242 Biomedical Instrumentation/Digital Image Processing	6	32	6	4	4	0	0
(%)	11.54	61.54	11.54	7.69	7.69	0.00	0.00
BIOT4223/ INFO4221 Biology for Engineers/Fundamentals of Cryptography	2	10	15	14	10	1	0
(%)	3.85	19.23	28.85	26.92	19.23	1.92	0.00

Applied Electronics & Instrumentation Engineering (Lab)

No. of students =52

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
AEIE 4295 Project II	14	38	0	0	0	0	0
(%)	26.92	73.08	0.00	0.00	0.00	0.00	0.00
AEIE 4297 Comprehensive Viva-Voce	5	31	15	0	0	0	1
(%)	9.62	59.62	28.85	0.00	0.00	0.00	1.92

Chemical Engineering (Theory)

No. of students =51

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CHEN 4231 / 4232 Project Engineering/Process Integration	6	12	16	7	7	2	1
(%)	11.76	23.53	31.37	13.73	13.73	3.92	1.96
BIOT 4221 / ELEC 4221 Computational Biology/Applied Illumination Engineering	8	15	12	7	6	2	1
(%)	15.69	29.41	23.53	13.73	11.76	3.92	1.96

Chemical Engineering (Lab)

No. of students =51

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CHEN 4251 Design & Simulation Lab II	16	17	15	2	0	0	1
(%)	31.37	33.33	29.41	3.92	0.00	0.00	1.96
CHEN 4295 Project II	33	9	6	2	0	0	1
(%)	64.71	17.65	11.76	3.92	0.00	0.00	1.96
CHEN 4297 Comprehensive Viva-Voce	5	10	27	8	0	0	1
(%)	9.80	19.61	52.94	15.69	0.00	0.00	1.96

Mechanical Engineering (Theory)

No. of students =121

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MECH4241 / 4242 / 4243 Quality Production Method/Power Plant Engineering/Gas Dynamics and Jet Propulsion	9	20	37	25	14	11	5
(%)	7.44	16.53	30.58	20.66	11.57	9.09	4.13
CIVL4221 / HMTS4221 Building Materials/Introduction to Industrial Sociology	31	52	30	7	1	0	0
(%)	25.62	42.98	24.79	5.79	0.83	0.00	0.00

Mechanical Engineering (Lab)

No. of students =121

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MECH 4251 Advanced Manufacturing Lab	5	35	41	19	14	5	2
(%)	4.13	28.93	33.88	15.70	11.57	4.13	1.65
MECH 4256 Design of an Industrial Product	15	27	32	20	26	1	0
(%)	12.40	22.31	26.45	16.53	21.49	0.83	0.00
MECH 4295 Project II	26	57	21	13	4	0	0
(%)	21.49	47.11	17.36	10.74	3.31	0.00	0.00
MECH 4297 Comprehensive Viva-Voce	4	22	31	45	17	2	0
(%)	3.31	18.18	25.62	37.19	14.05	1.65	0.00

Civil Engineering (Theory)							
No. of students =127							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CIVL 4241 Hydraulic Structures	12	31	32	28	15	8	1
(%)	9.45	24.41	25.20	22.05	11.81	6.30	0.79
BIOT4222/ CHEN4222/ MECH4221/ MECH4222 Non-conventional Energy/Introduction to Solar and Wind Technology/Quantitative Decision Making/Modern Manufacturing Technology	2	10	25	34	30	24	2
(%)	1.57	7.87	19.69	26.77	23.62	18.90	1.57

Civil Engineering (Lab)							
No. of students =127							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CIVL 4295 Project II	45	39	23	6	9	4	1
(%)	35.43	30.71	18.11	4.72	7.09	3.15	0.79
CIVL 4297 Comprehensive Viva-Voce	28	31	42	25	0	0	1
(%)	22.05	24.41	33.07	19.69	0.00	0.00	0.79

Electrical Engineering (Theory)							
No. of students =58							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ELEC 4231 High Voltage Engineering	3	8	11	13	17	5	1
(%)	5.17	13.79	18.97	22.41	29.31	8.62	1.72
ELEC 4241 Electronic Instrumentation	5	8	12	17	12	4	0
(%)	8.62	13.79	20.69	29.31	20.69	6.90	0.00
AEIE 4222 / BIOT 4222 / CHEN 4222 Medical Instrumentation/Non- conventional Energy/Introduction to Solar and Wind Technology	2	12	9	19	10	6	0
(%)	3.45	20.69	15.52	32.76	17.24	10.34	0.00

Electrical Engineering (Lab)							
No. of students =58							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ELEC 4295 Project Stage II	16	8	23	11	0	0	0
(%)	27.59	13.79	39.66	18.97	0.00	0.00	0.00
ELEC 4297 Comprehensive Viva-Voce	6	17	17	18	0	0	0
(%)	10.34	29.31	29.31	31.03	0.00	0.00	0.00

RESULT ANALYSIS - EVEN SEM, 2023
6TH SEM - B.TECH (THEORY & LAB)

Computer Science & Engineering (Theory)							
No. of students = 208							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	14	88	60	24	17	3	2
(%)	6.73	42.31	28.85	11.54	8.17	1.44	0.96
INCO 3016: Indian Constitution and Civil Society	0	0	15	63	87	40	3
(%)	0.00	0.00	7.21	30.29	41.83	19.23	1.44
CSEN 3201: Software Engineering	31	83	58	19	7	6	4
(%)	14.90	39.90	27.88	9.13	3.37	2.88	1.92
CSEN 3202: Computer Networks	2	14	38	69	46	35	4
(%)	0.96	6.73	18.27	33.17	22.12	16.83	1.92
CSEN 3233/CSEN 3235: Machine Learning/ Cloud Computing	25	71	69	21	12	7	3
(%)	12.02	34.13	33.17	10.10	5.77	3.37	1.44
AEIE 3221/CHEN 3221/CHEN 3222/ ECEN 3221/MATH 3221: Fundamentals of Sensors and Transducers/Water and Liquid Waste Management/ Industrial Safety And Hazards/Artificial Intelligence in Radio Communication/Computational Mathematics	17	28	47	65	27	21	3
(%)	8.17	13.46	22.60	31.25	12.98	10.10	1.44

Computer Science & Engineering (Lab & Sessional)							
No. of students = 208							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
CSEN3251 : Software Engineering Lab	44	60	55	32	9	6	2
(%)	21.15	28.85	26.44	15.38	4.33	2.88	0.96
CSEN3252: Computer Networks Lab	68	38	44	26	16	13	3
(%)	32.69	18.27	21.15	12.50	7.69	6.25	1.44
CSEN3293: Term Paper and Seminar	40	74	56	33	4	1	0
(%)	19.23	35.58	26.92	15.87	1.92	0.48	0.00

Information Technology (Theory)							
No. of students = 64							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	3	21	23	15	1	0	1
(%)	4.69	32.81	35.94	23.44	1.56	0.00	1.56
INFO 3201: Computer Networks	0	4	10	14	20	15	1
(%)	0.00	6.25	15.63	21.88	31.25	23.44	1.56
INFO 3202: Data Analytics	5	14	20	14	7	3	1
(%)	7.81	21.88	31.25	21.88	10.94	4.69	1.56
INFO 3233: Cryptography & Network Security	15	18	14	11	3	3	0
(%)	23.44	28.13	21.88	17.19	4.69	4.69	0.00
MATH 3222: Advanced Probability and Information Theory	0	8	13	11	15	15	2
(%)	0.00	12.50	20.31	17.19	23.44	23.44	3.13

Information Technology (Lab & Sessional)							
No. of students = 64							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
INFO3251 : Computer Networks Lab	24	2	13	7	10	7	1
(%)	37.50	3.13	20.31	10.94	15.63	10.94	1.56
INFO 3252: Data Analytics Lab	21	19	10	8	4	2	0
(%)	32.81	29.69	15.63	12.50	6.25	3.13	0.00
INFO 3293: Term paper and Seminar	5	24	18	14	0	2	1
(%)	7.81	37.50	28.13	21.88	0.00	3.13	1.56

Electronics & Communication Engineering (Theory)

No. of students = 209

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	9	65	67	47	14	4	3
(%)	4.31	31.10	32.06	22.49	6.70	1.91	1.44
INCO 3016: Indian Constitution and Civil Society	0	0	2	33	90	83	1
(%)	0.00	0.00	0.96	15.79	43.06	39.71	0.48
CSEN 3208: Object Oriented Programming Concept by using C++	14	40	50	45	34	24	2
(%)	6.70	19.14	23.92	21.53	16.27	11.48	0.96
ECEN 3201: Digital VLSI Design	20	42	58	36	25	18	10
(%)	9.57	20.10	27.75	17.22	11.96	8.61	4.78
ECEN 3231/ECEN 3232/ECEN 3234: Digital Image Processing & Pattern Recognition/IoT for Communication /Network Security	36	70	44	28	16	12	3
(%)	17.22	33.49	21.05	13.40	7.66	5.74	1.44
AEIE 3221/CSEN 3221/ECEN 3221/ MATH 3222: Fundamentals of Sensors and Transducers/Fundamentals of RDBMS / Artificial Intelligence in Radio Communication/Advanced Probability and Information Theory	13	77	62	30	20	4	3
(%)	6.22	36.84	29.67	14.35	9.57	1.91	1.44

Electronics & Communication Engineering (Lab & Sessional)							
No. of students = 209							
Paper Code & Percentage	O (\geq 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA ($<$40)
ECEN 3251 : Digital VLSI Design Lab	80	75	39	9	4	0	2
(%)	38.28	35.89	18.66	4.31	1.91	0.00	0.96
CSEN 3258: Object Oriented Programming Concept by using C++ Lab	53	70	61	13	9	1	2
(%)	25.36	33.49	29.19	6.22	4.31	0.48	0.96
ECEN 3252: Mini Project / Electronic Design workshop	97	100	9	0	1	1	1
(%)	46.41	47.85	4.31	0.00	0.48	0.48	0.48
ECEN 3293: Term Paper with Seminar	91	93	14	5	1	4	1
(%)	43.54	44.50	6.70	2.39	0.48	1.91	0.48

Biotechnology (Theory) No. of students = 49							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	6	19	12	10	2	0	0
(%)	12.24	38.78	24.49	20.41	4.08	0.00	0.00
CSEN 3207: RDBMS Concept and Computer Networking	2	8	13	11	10	5	0
(%)	4.08	16.33	26.53	22.45	20.41	10.20	0.00
BIOT 3201: Immunology	13	15	12	5	0	4	0
(%)	26.53	30.61	24.49	10.20	0.00	8.16	0.00
BIOT 3202: Bioreactor Design and Analysis	4	6	3	4	11	18	3
(%)	8.16	12.24	6.12	8.16	22.45	36.73	6.12
BIOT 3231/BIOT 3232: Molecular Modelling and Drug Designing/Biophysics of Macromolecules	3	15	15	11	3	2	0
(%)	6.12	30.61	30.61	22.45	6.12	4.08	0.00
BIOT 3221: Medical and Pharmaceutical Biotechnology	2	17	11	15	3	1	0
(%)	4.08	34.69	22.45	30.61	6.12	2.04	0.00

Biotechnology (Lab & Sessional) No. of students = 49							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
BIOT 3251: Immunology Lab	11	28	10	0	0	0	0
(%)	22.45	57.14	20.41	0.00	0.00	0.00	0.00
BIOT 3252: Bioreactor Design Lab	5	9	10	25	0	0	0
(%)	10.20	18.37	20.41	51.02	0.00	0.00	0.00
CSEN 3257: RDBMS Concept Lab	32	15	2	0	0	0	0
(%)	65.31	30.61	4.08	0.00	0.00	0.00	0.00
BIOT 3293: Term paper & Seminar	15	25	6	3	0	0	0
(%)	30.61	51.02	12.24	6.12	0.00	0.00	0.00

Applied Electronics & Instrumentation Engineering (Theory)							
No. of students = 57							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	1	12	20	20	4	0	0
(%)	1.75	21.05	35.09	35.09	7.02	0.00	0.00
INCO 3016: Indian Constitution and Civil Society	0	0	3	12	26	16	0
(%)	0.00	0.00	5.26	21.05	45.61	28.07	0.00
CSEN 3206: Basics of RDBMS	0	12	16	21	4	4	0
(%)	0.00	21.05	28.07	36.84	7.02	7.02	0.00
AEIE 3201: Introduction to Internet of Things	3	27	19	7	1	0	0
(%)	5.26	47.37	33.33	12.28	1.75	0.00	0.00
AEIE 3231/AEIE 3232: Embedded Systems/Opto Electronics and Fibre Optics	13	33	6	5	0	0	0
(%)	22.81	57.89	10.53	8.77	0.00	0.00	0.00
AEIE 3224: Electronic Instrumentation	4	26	18	7	2	0	0
(%)	7.02	45.61	31.58	12.28	3.51	0.00	0.00

Applied Electronics & Instrumentation Engineering (Lab & Sessional)							
No. of students = 57							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
CSEN 3256: Basics of RDBMS Lab	11	25	13	7	0	1	0
(%)	19.30	43.86	22.81	12.28	0.00	1.75	0.00
AEIE 3251: Internet of Things Lab	21	21	10	4	1	0	0
(%)	36.84	36.84	17.54	7.02	1.75	0.00	0.00
AEIE 3295: Mini Project / Electronic Design workshop	7	13	23	13	1	0	0
(%)	12.28	22.81	40.35	22.81	1.75	0.00	0.00
AEIE 3293: Term Paper with Seminar	27	27	0	2	1	0	0
(%)	47.37	47.37	0.00	3.51	1.75	0.00	0.00

Chemical Engineering (Theory) No. of students = 51							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	1	18	16	13	3	0	0
(%)	1.96	35.29	31.37	25.49	5.88	0.00	0.00
INCO 3016: Indian Constitution and Civil Society	0	2	0	7	22	17	3
(%)	0.00	3.92	0.00	13.73	43.14	33.33	5.88
CHEN 3201: Process Control and Instrumentation	7	8	13	12	5	5	1
(%)	13.73	15.69	25.49	23.53	9.80	9.80	1.96
CHEN 3202: Mass Transfer II	4	7	16	10	10	4	0
(%)	7.84	13.73	31.37	19.61	19.61	7.84	0.00
CHEN 3232/CHEN 3233: Novel Separation Process/ Nanotechnology	7	6	16	12	5	5	0
(%)	13.73	11.76	31.37	23.53	9.80	9.80	0.00
AEIE 3221/MECH 3223: Fundamentals of Sensors & Transducers/New Product Development	10	15	16	9	0	1	0
(%)	19.61	29.41	31.37	17.65	0.00	1.96	0.00

Chemical Engineering (Lab & Sessional) No. of students = 51							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
CHEN 3251: Process Control Lab	19	29	3	0	0	0	0
(%)	37.25	56.86	5.88	0.00	0.00	0.00	0.00
CHEN 3252: Mass Transfer Lab	11	25	14	1	0	0	0
(%)	21.57	49.02	27.45	1.96	0.00	0.00	0.00
CHEN 3253: Process Equipment Design & Drawing Lab	16	15	10	7	2	0	1
(%)	31.37	29.41	19.61	13.73	3.92	0.00	1.96
CHEN 3293: Term Paper with Seminar	3	23	23	2	0	0	0
(%)	5.88	45.10	45.10	3.92	0.00	0.00	0.00

Mechanical Engineering (Theory)							
No. of students = 120							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	6	36	38	24	10	4	2
(%)	5.00	30.00	31.67	20.00	8.33	3.33	1.67
MECH 3201: Machine Design-II	1	9	20	22	25	29	14
(%)	0.83	7.50	16.67	18.33	20.83	24.17	11.67
MECH 3231/MECH 3232/MECH 3233: Finite Element Method/ Mechatronics & Control systems/Advanced Fluid Mechanics	4	10	25	25	29	15	12
(%)	3.33	8.33	20.83	20.83	24.17	12.50	10.00
MECH 3236/ MECH 3237/MECH 3238/MECH 3239: Total Quality Management/Turbo Machinery/ Aerodynamics/Tool Engineering	8	16	31	30	19	10	6
(%)	6.67	13.33	25.83	25.00	15.83	8.33	5.00
MECH 3221/MECH 3222/MECH 3223/MECH 3224: Computational Fluid Dynamics/ Advanced Welding Technology/New Product Development/Industrial Engineering	6	28	28	22	26	7	3
(%)	5.00	23.33	23.33	18.33	21.67	5.83	2.50

Mechanical Engineering (Lab & Sessional)

No. of students = 120

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
MECH 3256: Machining & Machine Tools Lab	17	25	30	22	17	7	2
(%)	14.17	20.83	25.00	18.33	14.17	5.83	1.67
MECH 3281/MECH 3282/MECH 3283: Finite Element Method Lab/ Mechatronics & Control systems Lab/ Advanced Fluid Mechanics Lab	14	48	29	15	6	3	5
(%)	11.67	40.00	24.17	12.50	5.00	2.50	4.17
MECH 3293: Seminar & Term Thesis	19	38	37	15	7	0	4
(%)	15.83	31.67	30.83	12.50	5.83	0.00	3.33

Civil Engineering (Theory) No. of students = 122							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	13	35	41	19	8	3	3
(%)	10.66	28.69	33.61	15.57	6.56	2.46	2.46
CIVL 3201: Design of Steel Structures	14	15	24	41	12	10	6
(%)	11.48	12.30	19.67	33.61	9.84	8.20	4.92
CIVL 3241: Air and Noise Pollutions	13	21	31	25	18	11	3
(%)	10.66	17.21	25.41	20.49	14.75	9.02	2.46
CIVL 3221: Repair & Rehabilitation of Structures	26	30	28	23	9	2	4
(%)	21.31	24.59	22.95	18.85	7.38	1.64	3.28

Civil Engineering (Lab & Sessional) No. of students = 122							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
CIVL 3251: Industrial Structure Design and Detailing Lab	15	38	28	23	6	10	2
(%)	12.30	31.15	22.95	18.85	4.92	8.20	1.64
CIVL 3252: Computer- aided Structural Analysis and Design	18	34	15	15	28	11	1
(%)	14.75	27.87	12.30	12.30	22.95	9.02	0.82
CIVL 3293: Term Paper and Seminar	38	46	15	11	5	6	1
(%)	31.15	37.70	12.30	9.02	4.10	4.92	0.82

Electrical Engineering (Theory)							
No. of students = 60							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 3201: Economics for Engineers	2	11	32	8	6	1	0
(%)	3.33	18.33	53.33	13.33	10.00	1.67	0.00
ELEC 3201 : Power System - II	14	19	19	4	4	0	0
(%)	23.33	31.67	31.67	6.67	6.67	0.00	0.00
ELEC 3202: Microprocessor & Microcontroller	7	16	15	12	5	5	0
(%)	11.67	26.67	25.00	20.00	8.33	8.33	0.00
ELEC 3241: Illumination Engineering	7	22	21	5	3	2	0
(%)	11.67	36.67	35.00	8.33	5.00	3.33	0.00
CSEN 3221/ECEN 3223: Fundamentals of RDBMS /Analog and Digital Communication	1	11	16	19	6	6	1
(%)	1.67	18.33	26.67	31.67	10.00	10.00	1.67

Electrical Engineering (Lab & Sessional)							
No. of students = 60							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
ELEC 3251: Power System - II Lab	11	26	16	6	1	0	0
(%)	18.33	43.33	26.67	10.00	1.67	0.00	0.00
ELEC 3252: Microprocessor & Microcontroller Lab	7	22	18	8	2	3	0
(%)	11.67	36.67	30.00	13.33	3.33	5.00	0.00
ELEC 3260: Electrical Machine Design	11	24	9	16	0	0	0
(%)	18.33	40.00	15.00	26.67	0.00	0.00	0.00
ELEC 3293: Term Paper and Seminar	15	19	25	1	0	0	0
(%)	25.00	31.67	41.67	1.67	0.00	0.00	0.00

Computer Science & Business Systems (Theory)							
No. of students = 65							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
INCO3016: Indian Constitution and Civil Society	0	0	8	23	22	12	0
(%)	0.00	0.00	12.31	35.38	33.85	18.46	0.00
CSBS 3201 : Software Engineering	2	18	26	8	6	4	1
(%)	3.08	27.69	40.00	12.31	9.23	6.15	1.54
CSBS 3202: Object Oriented Programming	6	11	23	17	3	5	0
(%)	9.23	16.92	35.38	26.15	4.62	7.69	0.00
CSBS 3203: Enterprise System and IT Solutions	0	5	20	23	12	5	0
(%)	0.00	7.69	30.77	35.38	18.46	7.69	0.00
CSBS 3231/3232 : Mobile Computing/Machine Learning	14	18	17	10	2	3	1
(%)	21.54	27.69	26.15	15.38	3.08	4.62	1.54
HMTS 3221/MATH 3222: Human Resource Management/ Advanced Probability and Information Theory	3	28	19	11	3	1	0
(%)	4.62	43.08	29.23	16.92	4.62	1.54	0.00

Computer Science & Business Systems (Lab & Sessional)							
No. of students = 65							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
CSBS 3251: Software Engg. Lab	14	28	15	5	1	1	1
(%)	21.54	43.08	23.08	7.69	1.54	1.54	1.54
CSBS 3252 : Object Oriented Programming Lab	24	25	7	6	2	0	1
(%)	36.92	38.46	10.77	9.23	3.08	0.00	1.54
CSBS 3293: Term Paper and Seminar	4	16	38	6	0	0	1
(%)	6.15	24.62	58.46	9.23	0.00	0.00	1.54

RESULT ANALYSIS - EVEN SEM, 2023
4TH SEM - B.TECH (THEORY & LAB)

Computer Science & Engineering (Theory)							
No. of students = 212							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	1	11	33	58	64	43	2
(%)	0.47	5.19	15.57	27.36	30.19	20.28	0.94
MATH 2201: Mathematics III	10	17	34	35	42	62	12
(%)	4.72	8.02	16.04	16.51	19.81	29.25	5.66
AEIE 2205: Microprocessors and Microcontroller	6	33	39	60	41	26	7
(%)	2.83	15.57	18.40	28.30	19.34	12.26	3.30
CSEN 2201: Design & Analysis of Algorithms	7	14	37	36	38	60	20
(%)	3.30	6.60	17.45	16.98	17.92	28.30	9.43
CSEN 2202 : Computer Organization and Architecture	14	27	50	39	34	41	7
(%)	6.60	12.74	23.58	18.40	16.04	19.34	3.30
CSEN 2203: Operating Systems	4	29	49	53	43	26	8
(%)	1.89	13.68	23.11	25.00	20.28	12.26	3.77

Computer Science & Engineering (Lab)							
No. of students = 212							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 2251 : Design & Analysis of Algorithms Lab	30	38	38	29	32	38	7
(%)	14.15	17.92	17.92	13.68	15.09	17.92	3.30
CSEN 2252: Computer Architecture Lab	48	56	35	40	16	12	5
(%)	22.64	26.42	16.51	18.87	7.55	5.66	2.36
CSEN 2253: Operating Systems Lab	68	40	51	27	9	15	2
(%)	32.08	18.87	24.06	12.74	4.25	7.08	0.94
AEIE 2255 : Microprocessors and Microcontroller Lab	58	78	60	10	3	1	2
(%)	27.36	36.79	28.30	4.72	1.42	0.47	0.94

Information Technology (Theory)							
No. of students = 66							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MATH 2201: Mathematics III	1	2	8	19	20	14	2
(%)	1.52	3.03	12.12	28.79	30.30	21.21	3.03
INFO 2201: Formal Language & Automata Theory	0	3	14	19	17	11	2
(%)	0.00	4.55	21.21	28.79	25.76	16.67	3.03
INFO 2202: Object Oriented Programming	0	4	6	7	26	18	5
(%)	0.00	6.06	9.09	10.61	39.39	27.27	7.58
INFO 2203 : Computer Organization and Architecture	0	0	8	13	18	22	5
(%)	0.00	0.00	12.12	19.70	27.27	33.33	7.58
INFO 2204: Database Management Systems	2	9	6	17	12	13	7
(%)	3.03	13.64	9.09	25.76	18.18	19.70	10.61

Information Technology (Lab)							
No. of students = 66							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
INFO 2251 : Software Engineering Lab	6	17	20	16	5	1	1
(%)	9.09	25.76	30.30	24.24	7.58	1.52	1.52
INFO 2252 : Object Oriented Programming Lab	5	12	14	18	3	10	4
(%)	7.58	18.18	21.21	27.27	4.55	15.15	6.06
INFO 2253: Computer Organization and Architecture Lab	12	8	12	14	10	9	1
(%)	18.18	12.12	18.18	21.21	15.15	13.64	1.52
INFO 2254: Database Management Systems Lab	18	18	13	10	6	0	1
(%)	27.27	27.27	19.70	15.15	9.09	0.00	1.52

Electronics & Communication Engineering (Theory)							
No. of students =189							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	5	4	22	38	66	53	1
(%)	2.65	2.12	11.64	20.11	34.92	28.04	0.53
MATH 2202: Advanced Numerical Methods	22	28	28	48	30	26	7
(%)	11.64	14.81	14.81	25.40	15.87	13.76	3.70
ECEN 2201: Analog Communication	25	27	40	33	36	24	4
(%)	13.23	14.29	21.16	17.46	19.05	12.70	2.12
ECEN 2202: Digital Systems Design	5	25	31	41	43	38	6
(%)	2.65	13.23	16.40	21.69	22.75	20.11	3.17
ECEN 2203 : EM Theory & Transmission Lines	6	13	16	28	47	56	23
(%)	3.17	6.88	8.47	14.81	24.87	29.63	12.17
ECEN 2204: Electronic Devices	9	12	21	21	32	76	18
(%)	4.76	6.35	11.11	11.11	16.93	40.21	9.52

Electronics & Communication Engineering (Lab)							
No. of students =189							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MATH 2252 : Advanced Numerical Methods Lab	46	58	42	25	11	5	2
(%)	24.34	30.69	22.22	13.23	5.82	2.65	1.06
ECEN 2251: Analog Communication Lab	65	95	23	5	0	0	1
(%)	34.39	50.26	12.17	2.65	0.00	0.00	0.53
ECEN 2252: Digital Systems Design Lab	55	91	32	9	0	0	2
(%)	29.10	48.15	16.93	4.76	0.00	0.00	1.06
ECEN 2253 : EM Theory & Transmission Lines lab	46	71	49	20	1	2	0
(%)	24.34	37.57	25.93	10.58	0.53	1.06	0.00

Biotechnology (Theory)							
No. of students =56							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 2005: Data Structure	6	9	10	9	9	11	2
(%)	10.71	16.07	17.86	16.07	16.07	19.64	3.57
BIOT 2201: Thermodynamics & Kinetics	10	14	11	7	5	6	3
(%)	17.86	25.00	19.64	12.50	8.93	10.71	5.36
BIOT 2202: Transfer Operation - I	13	17	10	4	5	4	3
(%)	23.21	30.36	17.86	7.14	8.93	7.14	5.36
BIOT 2203 : Molecular Biology	5	16	12	6	10	4	3
(%)	8.93	28.57	21.43	10.71	17.86	7.14	5.36
BIOT 2204: Industrial Microbiology & Enzyme Technology	6	16	19	6	7	1	1
(%)	10.71	28.57	33.93	10.71	12.50	1.79	1.79

Biotechnology (Lab)							
No. of students =56							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
BIOT 2252 : Transfer Operation - I Lab	45	9	0	0	0	0	2
(%)	80.36	16.07	0.00	0.00	0.00	0.00	3.57
BIOT 2253: Molecular Biology Lab	21	25	8	0	0	2	0
(%)	37.50	44.64	14.29	0.00	0.00	3.57	0.00
BIOT 2254: Enzyme Technology & Fermentation Technology Lab	21	25	8	0	0	0	2
(%)	37.50	44.64	14.29	0.00	0.00	0.00	3.57
CSEN 2055: Data Structure Lab	9	21	10	9	3	2	2
(%)	16.07	37.50	17.86	16.07	5.36	3.57	3.57

Applied Electronics & Instrumentation Engineering (Theory)							
No. of students =46							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	0	1	5	14	9	16	1
(%)	0.00	2.17	10.87	30.43	19.57	34.78	2.17
CSEN 2004: Data Structure and Basic Algorithms	10	22	8	5	1	0	0
(%)	21.74	47.83	17.39	10.87	2.17	0.00	0.00
AEIE 2201: Digital Electronics	6	6	12	13	3	6	0
(%)	13.04	13.04	26.09	28.26	6.52	13.04	0.00
AEIE 2202 : Industrial Instrumentation	2	4	6	11	14	8	1
(%)	4.35	8.70	13.04	23.91	30.43	17.39	2.17
AEIE 2203: Electrical and Electronic Measurements	1	8	12	14	6	5	0
(%)	2.17	17.39	26.09	30.43	13.04	10.87	0.00
AEIE 2204: Control Systems	7	9	7	12	5	5	1
(%)	15.22	19.57	15.22	26.09	10.87	10.87	2.17

Applied Electronics & Instrumentation Engineering (Lab)							
No. of students =46							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 2054 : Data Structure and Basic Algorithms Lab	31	15	0	0	0	0	0
(%)	67.39	32.61	0.00	0.00	0.00	0.00	0.00
AEIE 2251: Digital Electronics Lab	18	15	11	2	0	0	0
(%)	39.13	32.61	23.91	4.35	0.00	0.00	0.00
AEIE 2252: Industrial Instrumentation Lab	19	19	4	4	0	0	0
(%)	41.30	41.30	8.70	8.70	0.00	0.00	0.00
AEIE 2253: Electrical and Electronic Measurements Lab	8	14	13	6	5	0	0
(%)	17.39	30.43	28.26	13.04	10.87	0.00	0.00
AEIE 2254: Control Systems Lab	21	17	8	0	0	0	0
(%)	45.65	36.96	17.39	0.00	0.00	0.00	0.00

Chemical Engineering (Theory)							
No. of students =51							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	0	1	3	10	17	20	0
(%)	0.00	1.96	5.88	19.61	33.33	39.22	0.00
HMTS 2001: Human Values and Professional Ethics	5	23	12	4	6	1	0
(%)	9.80	45.10	23.53	7.84	11.76	1.96	0.00
CHEM 2201: Chemistry II	6	6	8	11	5	12	3
(%)	11.76	11.76	15.69	21.57	9.80	23.53	5.88
CHEN 2201 : Heat Transfer	3	5	8	12	9	10	4
(%)	5.88	9.80	15.69	23.53	17.65	19.61	7.84
CHEN 2202: Transport Phenomena	0	7	5	10	11	14	4
(%)	0.00	13.73	9.80	19.61	21.57	27.45	7.84
CHEN 2203: Thermodynamics II	1	3	10	10	15	9	3
(%)	1.96	5.88	19.61	19.61	29.41	17.65	5.88
CHEN 2204: Material Science	0	9	12	5	15	9	1
(%)	0.00	17.65	23.53	9.80	29.41	17.65	1.96

Chemical Engineering (Lab)							
No. of students =51							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CHEN 2251 : Heat Transfer Lab	22	12	13	4	0	0	0
(%)	43.14	23.53	25.49	7.84	0.00	0.00	0.00
CHEN 2252 : Programming Basics for Numerical Computation	10	11	22	5	1	0	2
(%)	19.61	21.57	43.14	9.80	1.96	0.00	3.92
CHEN 2253: Engineering Drawing Lab	12	24	13	1	1	0	0
(%)	23.53	47.06	25.49	1.96	1.96	0.00	0.00

Mechanical Engineering (Theory)							
No. of students =62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MECH 2201: Strength of Materials	0	2	5	10	10	25	10
(%)	0.00	3.23	8.06	16.13	16.13	40.32	16.13
MECH 2202: Fluid Machinery	0	5	9	11	12	20	5
(%)	0.00	8.06	14.52	17.74	19.35	32.26	8.06
MECH 2203: Engineering Thermodynamics	0	1	4	10	17	23	7
(%)	0.00	1.61	6.45	16.13	27.42	37.10	11.29
MECH 2204 : Manufacturing Processes	1	4	10	16	15	12	4
(%)	1.61	6.45	16.13	25.81	24.19	19.35	6.45
MECH 2205: Kinematics of Machines	0	3	11	13	12	15	8
(%)	0.00	4.84	17.74	20.97	19.35	24.19	12.90

Mechanical Engineering (Lab)							
No. of students =62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MECH 2251 : Applied Mechanics Lab	0	8	18	21	3	6	6
(%)	0.00	12.90	29.03	33.87	4.84	9.68	9.68
MECH 2252 : Fluid Mechanics & Hydraulic Machines Lab	1	11	13	15	12	8	2
(%)	1.61	17.74	20.97	24.19	19.35	12.90	3.23
MECH 2256: Machine Drawing II	14	13	9	12	2	6	6
(%)	22.58	20.97	14.52	19.35	3.23	9.68	9.68

Civil Engineering (Theory)							
No. of students =67							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
HMTS 2001: Human Values & Professional Ethics	13	8	17	13	8	5	3
(%)	19.40	11.94	25.37	19.40	11.94	7.46	4.48
MATH 2001: Mathematical Methods	1	3	5	2	20	14	22
(%)	1.49	4.48	7.46	2.99	29.85	20.90	32.84
CIVL 2201: Structural Analysis I	16	10	11	14	6	5	5
(%)	23.88	14.93	16.42	20.90	8.96	7.46	7.46
CIVL 2202 :Soil Mechanics II	0	1	4	12	12	19	19
(%)	0.00	1.49	5.97	17.91	17.91	28.36	28.36
CIVL 2203: Surveying	6	9	17	13	7	10	5
(%)	8.96	13.43	25.37	19.40	10.45	14.93	7.46
CIVL 2204 : Highway and Traffic Engineering	12	12	12	13	12	4	2
(%)	17.91	17.91	17.91	19.40	17.91	5.97	2.99

Civil Engineering (Lab)							
No. of students =67							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CIVL 2251 : Soil Mechanics Lab II	13	27	22	5	0	0	0
(%)	19.40	40.30	32.84	7.46	0.00	0.00	0.00
CIVL 2252 : Surveying Lab	34	11	13	5	1	2	1
(%)	50.75	16.42	19.40	7.46	1.49	2.99	1.49
CIVL 2253: Highway Engineering Lab	22	34	9	2	0	0	0
(%)	32.84	50.75	13.43	2.99	0.00	0.00	0.00
CIVL 2254: Quantity Survey, Specification and Valuation	34	14	4	8	1	3	3
(%)	50.75	20.90	5.97	11.94	1.49	4.48	4.48

Electrical Engineering (Theory)							
No. of students =60							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	0	0	7	9	10	32	2
(%)	0.00	0.00	11.67	15.00	16.67	53.33	3.33
MATH 2001: Mathematical Methods	3	2	2	9	10	26	8
(%)	5.00	3.33	3.33	15.00	16.67	43.33	13.33
ELEC 2201: Electrical Machine I	2	3	7	6	12	24	6
(%)	3.33	5.00	11.67	10.00	20.00	40.00	10.00
ELEC 2202: Signals & Systems	8	8	12	9	12	6	5
(%)	13.33	13.33	20.00	15.00	20.00	10.00	8.33
ELEC 2203: Basic Thermal Power Engineering	3	2	5	12	9	20	9
(%)	5.00	3.33	8.33	20.00	15.00	33.33	15.00
ELEC 2204: Field Theory	8	4	7	8	11	17	5
(%)	13.33	6.67	11.67	13.33	18.33	28.33	8.33

Electrical Engineering (Lab)							
No. of students =60							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ELEC 2251: Electrical Machines I Lab	7	23	17	8	2	2	1
(%)	11.67	38.33	28.33	13.33	3.33	3.33	1.67
ELEC 2252 : Signals & Systems Lab	5	14	14	14	7	6	0
(%)	8.33	23.33	23.33	23.33	11.67	10.00	0.00
ELEC 2253: Basic Thermal Power Engineering Lab	5	5	17	25	3	3	2
(%)	8.33	8.33	28.33	41.67	5.00	5.00	3.33

Computer Science & Business Systems (Theory)							
No. of students = 62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016: Environmental Sciences	0	0	2	9	12	39	0
(%)	0.00	0.00	3.23	14.52	19.35	62.90	0.00
CSBS 2201 : Operating System Concept	4	3	8	16	15	14	2
(%)	6.45	4.84	12.90	25.81	24.19	22.58	3.23
CSBS 2202 : Computer Organization and Architecture	9	11	19	9	9	4	1
(%)	14.52	17.74	30.65	14.52	14.52	6.45	1.61
CSBS 2203 : Design and Analysis of Algorithms	0	3	4	12	17	25	1
(%)	0.00	4.84	6.45	19.35	27.42	40.32	1.61
CSBS 2204 : Introduction to Innovation and Entrepreneurship	7	11	25	14	4	1	0
(%)	11.29	17.74	40.32	22.58	6.45	1.61	0.00
CSBS 2205 : Managerial Economics	0	0	8	21	26	6	1
(%)	0.00	0.00	12.90	33.87	41.94	9.68	1.61

Computer Science & Business Systems (Lab)							
No. of students = 62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSBS 2251: Operating System Concept Lab	6	17	13	12	7	4	3
(%)	9.68	27.42	20.97	19.35	11.29	6.45	4.84
CSBS 2252: Computer Organization and Architecture Lab	14	9	10	18	6	5	0
(%)	22.58	14.52	16.13	29.03	9.68	8.06	0.00
CSBS 2253: Design and Analysis of Algorithms Lab	15	9	12	15	6	4	1
(%)	24.19	14.52	19.35	24.19	9.68	6.45	1.61

Computer Science and Engineering (AI&ML) (Theory)							
No. of students = 62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
EVSC 2016 : Environmental Science	0	1	6	23	22	9	1
(%)	0.00	1.61	9.68	37.10	35.48	14.52	1.61
MATH 2203 : Operations Research	7	12	11	9	15	5	3
(%)	11.29	19.35	17.74	14.52	24.19	8.06	4.84
AEIE 2206 : Introduction to Smart Sensing Technology for AI	0	3	19	12	12	12	4
(%)	0.00	4.84	30.65	19.35	19.35	19.35	6.45
CSEN 2201 : Design & Analysis of Algorithms	0	3	5	7	20	18	9
(%)	0.00	4.84	8.06	11.29	32.26	29.03	14.52
CSEN 2202 : Computer Organization and Architecture	0	4	5	14	22	14	3
(%)	0.00	6.45	8.06	22.58	35.48	22.58	4.84
CSEN 2203:Operating Systems	0	2	15	18	17	8	2
(%)	0.00	3.23	24.19	29.03	27.42	12.90	3.23

Computer Science and Engineering (AI&ML) (Lab)							
No. of students = 62							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 2251 : Design & Analysis of Algorithms Lab	3	25	18	8	5	3	0
(%)	4.84	40.32	29.03	12.90	8.06	4.84	0.00
CSEN 2252 : Computer Architecture Lab	21	25	7	6	2	1	0
(%)	33.87	40.32	11.29	9.68	3.23	1.61	0.00
CSEN 2253 : Operating Systems Lab	17	11	20	8	6	0	0
(%)	27.42	17.74	32.26	12.90	9.68	0.00	0.00

Computer Science and Engineering (Data Science) (Theory)							
No. of students = 63							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
HMTS 2001 : Human Values and Professional Ethics	6	24	14	12	5	1	1
(%)	9.52	38.10	22.22	19.05	7.94	1.59	1.59
MATH 2203 : Operations Research	8	15	11	8	10	7	4
(%)	12.70	23.81	17.46	12.70	15.87	11.11	6.35
AEIE 2206 : Introduction to Smart Sensing Technology for AI	4	5	12	7	11	18	6
(%)	6.35	7.94	19.05	11.11	17.46	28.57	9.52
CSEN 2201 : Design & Analysis of Algorithms	0	5	5	10	14	21	8
(%)	0.00	7.94	7.94	15.87	22.22	33.33	12.70
CSEN 2202 : Computer Organization and Architecture	1	4	9	10	13	23	3
(%)	1.59	6.35	14.29	15.87	20.63	36.51	4.76
CSEN 2204 : Introduction to R	18	12	12	15	2	3	1
(%)	28.57	19.05	19.05	23.81	3.17	4.76	1.59

Computer Science and Engineering (Data Science) (Lab)							
No. of students = 63							
Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 2251 : Design & Analysis of Algorithms Lab	12	8	15	14	5	9	0
(%)	19.05	12.70	23.81	22.22	7.94	14.29	0.00
CSEN 2252 : Computer Architecture Lab	21	26	13	2	1	0	0
(%)	33.33	41.27	20.63	3.17	1.59	0.00	0.00
CSEN 2254 : R Programming Lab	19	14	15	12	2	1	0
(%)	30.16	22.22	23.81	19.05	3.17	1.59	0.00

RESULT ANALYSIS - EVEN SEM, 2023
4TH SEM - M.TECH (SESSIONAL)

COMPUTER SCIENCE & ENGINEERING (SESSIONAL)							
NO. OF STUDENTS = 3							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
CSEN 6295:Dissertation Phase II	0	1	2	0	0	0	0
(%)	0.00	33.33	66.67	0.00	0.00	0.00	0.00
CSEN 6297 : Comprehensive Viva-Voce	0	0	2	1	0	0	0
(%)	0.00	0.00	66.67	33.33	0.00	0.00	0.00

Electronics & Communication Engineering							
NO. OF STUDENTS = 3							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
ECEN 6295 : Dissertation Phase II	0	2	0	0	1	0	0
(%)	0.00	66.67	0.00	0.00	33.33	0.00	0.00
ECEN 6297 : Comprehensive Viva-Voce	0	1	2	0	0	0	0
(%)	0.00	33.33	66.67	0.00	0.00	0.00	0.00

ECE – VLSI							
NO. OF STUDENTS = 3							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
VLSI 6295 : Dissertation Phase II	3	0	0	0	0	0	0
(%)	100.00	0.00	0.00	0.00	0.00	0.00	0.00
VLSI 6297 : Comprehensive Viva-Voce	3	0	0	0	0	0	0
(%)	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Biotechnology							
NO. OF STUDENTS = 18							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
BIOT 6295 : Dissertation II	10	5	2	0	0	1	0
(%)	55.56	27.78	11.11	0.00	0.00	5.56	0.00
BIOT 6297 : Comprehensive Viva- Voce	1	6	2	9	0	0	0
(%)	5.56	33.33	11.11	50.00	0.00	0.00	0.00

Applied Electronics & Instrumentation Engineering							
NO. OF STUDENTS = 8							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
AEIE 6295 : Dissertation Phase II	3	0	4	1	0	0	0
(%)	37.50	0.00	1.91	0.48	0.00	0.00	0.00
AEIE 6297 : Comprehensive Viva- Voce	3	4	1	0	0	0	0
(%)	37.50	50.00	12.50	0.00	0.00	0.00	0.00

Renewable Energy							
NO. OF STUDENTS = 4							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
REEN 6295 : Dissertation / Industrial Project Phase II	0	2	2	0	0	0	0
(%)	0.00	50.00	50.00	0.00	0.00	0.00	0.00
REEN 6297 : Grand Viva	0	2	2	0	0	0	0
(%)	0.00	50.00	50.00	0.00	0.00	0.00	0.00

RESULT ANALYSIS - EVEN SEM, 2023
2ND SEM - M.TECH (THEORY & LAB)

Computer Science & Engineering (Theory)							
No. of students = 11							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSEN 5201 (Advanced Algorithms)	0	2	2	5	0	2	0
% age	0.00	18.18	18.18	45.45	0.00	18.18	0.00
CSEN 5202 (Soft Computing)	1	0	0	4	3	1	2
% age	9.09	0.00	0.00	36.36	27.27	9.09	18.18
CSEN 5231 (Data Preprocessing and Analysis)	0	1	2	5	2	1	0
% age	0.00	9.09	18.18	45.45	18.18	9.09	0.00
CSEN 5234 (Theory of Computation)	1	0	0	3	2	3	2
% age	9.09	0.00	0.00	27.27	18.18	27.27	18.18
CSEN 5243 (Cloud Computing)	0	1	3	5	1	0	1
% age	0.00	9.09	27.27	45.45	9.09	0.00	9.09

Computer Science & Engineering (Lab)							
No. of students = 11							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
CSEN 5251 (Advanced Algorithms Lab)	1	1	4	3	0	2	0
% age	9.09	9.09	36.36	27.27	0.00	18.18	0.00
CSEN 5252 (Soft Computing Lab)	1	1	2	4	1	1	1
% age	9.09	9.09	18.18	36.36	9.09	9.09	9.09
CSEN 5293 (Term Paper and Seminar)	0	1	8	1	1	0	0
% age	0.00	9.09	72.73	9.09	9.09	0.00	0.00

Electronics & Communication Engineering (Theory)							
No. of students = 3							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
ECEN 5201 (Advanced Digital Communication Techniques)	1	2	0	0	0	0	0
% age	33.33	66.67	0.00	0.00	0.00	0.00	0.00
ECEN 5202 (Advanced DSP and Applications)	1	1	1	0	0	0	0
% age	33.33	33.33	33.33	0.00	0.00	0.00	0.00
ECEN 5231 (Telecommunication Systems and Engineering)	1	1	1	0	0	0	0
% age	33.33	33.33	33.33	0.00	0.00	0.00	0.00
ECEN 5241 (Cognitive Radios & Networks)	1	1	1	0	0	0	0
% age	33.33	33.33	33.33	0.00	0.00	0.00	0.00
ECEN 5242 (Microwave Measurement & Instrumentation)	3	0	0	0	0	0	0
% age	100.00	0.00	0.00	0.00	0.00	0.00	0.00

Electronics & Communication Engineering (Lab)							
No. of students = 3							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
ECEN 5252 (Advanced DSP and Applications Lab)	1	1	1	0	0	0	0
% age	33.33	33.33	33.33	0.00	0.00	0.00	0.00
ECEN 5253 (Design & Simulation Lab)	1	2	0	0	0	0	0
% age	33.33	66.67	0.00	0.00	0.00	0.00	0.00
ECEN 5293 (Term Paper and Seminar)	3	0	0	0	0	0	0
% age	100.00	0.00	0.00	0.00	0.00	0.00	0.00

ECE – VLSI (Theory) No. of students = 5							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
VLSI 5201 (Analog VLSI IC Design)	0	1	0	0	0	3	1
% age	0.00	20.00	0.00	0.00	0.00	60.00	20.00
VLSI 5202 (VLSI Design, Testing and Verification)	1	0	2	0	0	0	2
% age	20.00	0.00	40.00	0.00	0.00	0.00	40.00
VLSI 5232 (Low Power VLSI Design)	1	0	1	1	0	0	2
% age	20.00	0.00	20.00	20.00	0.00	0.00	40.00
VLSI 5241 (Advanced VLSI Processor)	3	0	0	0	0	2	0
% age	60.00	0.00	0.00	0.00	0.00	40.00	0.00
VLSI 5242 (Advanced Nano Devices)	1	0	0	1	1	0	2
% age	20.00	0.00	0.00	20.00	20.00	0.00	40.00

ECE – VLSI (Lab) No. of students = 5							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
VLSI 5251 (Analog VLSI IC Design Lab)	1	2	0	0	0	0	2
% age	20.00	40.00	0.00	0.00	0.00	0.00	40.00
VLSI 5252 (VLSI Design, Testing and Verification Lab)	2	1	0	0	0	0	2
% age	40.00	33.33	0.00	0.00	0.00	0.00	66.67
VLSI 5293 (Term Paper and Seminar)	2	0	1	0	0	0	2
% age	40.00	0.00	20.00	0.00	0.00	0.00	40.00

Biotechnology (Theory)							
No. of students = 18							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BIOT 5201 Advanced Bioinformatics	0	9	4	5	0	0	0
% age	0.00	50.00	22.22	27.78	0.00	0.00	0.00
BIOT 5202 Advances in Bioreactor Design, Development and Scale up	5	4	4	5	0	0	0
% age	27.78	22.22	22.22	27.78	0.00	0.00	0.00
BIOT 5231 Advanced Cell Biology and Immuno technology	0	2	1	9	3	0	0
% age	0.00	13.33	6.67	60.00	20.00	0.00	0.00
BIOT 5232 Genomics and Proteomics	1	3	2	0	0	0	0
% age	16.67	50.00	33.33	0.00	0.00	0.00	0.00
BIOT 5241 Bioprocess Technology	5	3	6	1	1	0	0
% age	31.25	18.75	37.50	6.25	6.25	0.00	0.00
BIOT 5242 Advanced Food Biotechnology	8	8	1	0	0	0	0
% age	47.06	47.06	5.88	0.00	0.00	0.00	0.00

Biotechnology (Lab)							
No. of students = 18							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
BIOT 5251 (Advanced Bioinformatics Lab)	0	9	9	0	0	0	0
% age	0.00	50.00	50.00	0.00	0.00	0.00	0.00
BIOT 5252 (Bioreactor Design, and Scale up Lab)	7	9	2	0	0	0	0
% age	38.89	50.00	11.11	0.00	0.00	0.00	0.00
BIOT 5293 (Term Paper and Seminar)	14	4	0	0	0	0	0
% age	77.78	22.22	0.00	0.00	0.00	0.00	0.00

Applied Electronics & Instrumentation Engineering (Theory)							
No. of students = 6							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
AEIE 5201 (Embedded Systems)	1	4	1	0	0	0	0
% age	16.67	66.67	16.67	0.00	0.00	0.00	0.00
AEIE 5202 (Process Control System Design)	0	1	0	5	0	0	0
% age	0.00	16.67	0.00	83.33	0.00	0.00	0.00
AEIE 5231 (Micro Sensor Science and Technology)	1	0	3	2	0	0	0
% age	16.67	0.00	50.00	33.33	0.00	0.00	0.00
AEIE 5241 (Digital Image Processing)	0	0	2	2	2	0	0
% age	0.00	0.00	33.33	33.33	33.33	0.00	0.00
AEIE 5243 (Industrial Internet of Things)	0	2	3	1	0	0	0
% age	0.00	33.33	50.00	16.67	0.00	0.00	0.00

Applied Electronics & Instrumentation Engineering (Lab)							
No. of students = 6							
Paper Code & Percentage	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)
AEIE 5251 (Embedded Systems Lab)	3	2	1	0	0	0	0
% age	50.00	33.33	16.67	0.00	0.00	0.00	0.00
AEIE 5252 (Process Control System Design Lab)	5	1	0	0	0	0	0
% age	83.33	16.67	0.00	0.00	0.00	0.00	0.00
AEIE 5293 (Term Paper and Seminar)	2	4	0	0	0	0	0
% age	33.33	66.67	0.00	0.00	0.00	0.00	0.00

RESULT ANALYSIS - EVEN SEM, 2023
4TH SEM - MCA (THEORY & LAB)

Master of Computer Application (Theory)							
NO. OF STUDENTS = 58							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
MCAP 2201 : Software Engineering	1	13	26	13	3	2	0
(%)	1.72	22.41	44.83	22.41	5.17	3.45	0.00
MCAP 2202 : Mobile Application Development and Implementation	7	25	14	3	5	4	0
(%)	12.07	43.10	24.14	5.17	8.62	6.90	0.00
MCAP 2251/MCAP 2254 : Data Mining & Knowledge Discovery/BLOCKCHAIN TECHNOLOGY & APPLICATIONS	4	20	14	11	6	2	1
(%)	6.90	34.48	24.14	18.97	10.34	3.45	1.72
MCAP 2260/MCAP 2261 : Image Processing/ Computer Graphics and Multimedia	4	9	15	17	8	5	0
(%)	6.90	15.52	25.86	29.31	13.79	8.62	0.00

Master of Computer Application (Lab)							
No of Students: 58							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
MCAP 2211 : Software Engineering Lab	6	34	16	2	0	0	0
(%)	10.34	58.62	27.59	3.45	0.00	0.00	0.00
MCAP 2295 : Major Project and Seminar	14	25	8	11	0	0	0
(%)	24.14	43.10	13.79	18.97	0.00	0.00	0.00