



# **HERITAGE INSTITUTE OF TECHNOLOGY**

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**RESULT OF B.TECH, M.TECH & MCA ODD SEMESTER EXAMINATIONS, 2021-22**

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*Placed for*

Approval of  
Academic Council

13.4.2022

**RESULT ANALYSIS - ODD SEM, 2021**  
**1<sup>ST</sup> YEAR - B.TECH (Theory)**

<b>MATH 1101: MATHEMATICS I</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	26	86	39	8	0	0	1	160
% age	16.25	53.75	24.38	5.00	0.00	0.00	0.63	
IT	5	37	12	3	0	0	0	57
% age	8.77	64.91	21.05	5.26	0.00	0.00	0.00	
ECE	27	90	28	6	0	0	1	152
% age	17.76	59.21	18.42	3.95	0.00	0.00	0.66	
BT	9	38	8	2	1	0	0	58
% age	15.52	65.52	13.79	3.45	1.72	0.00	0.00	
AEIE	11	27	6	2	0	1	2	49
% age	22.45	55.10	12.24	4.08	0.00	2.04	4.08	
ChE	14	23	4	3	0	0	1	45
% age	31.11	51.11	8.89	6.67	0.00	0.00	2.22	
ME	2	17	12	7	1	0	0	39
% age	5.13	43.59	30.77	17.95	2.56	0.00	0.00	
CE	0	30	13	1	0	0	0	44
% age	0.00	68.18	29.55	2.27	0.00	0.00	0.00	
EE	10	29	8	3	0	0	2	52
% age	19.23	55.77	15.38	5.77	0.00	0.00	3.85	
CSBS	25	26	4	2	0	0	0	57
% age	43.86	45.61	7.02	3.51	0.00	0.00	0.00	
AI & ML	14	31	8	1	1	0	0	55
% age	25.45	56.36	14.55	1.82	1.82	0.00	0.00	
DS	0	24	25	4	1	1	0	55
% age	0.00	43.64	45.45	7.27	1.82	1.82	0.00	
<b>Total</b>								<b>823</b>

<b>CHEM 1001: CHEMISTRY - I</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	19	85	50	6	0	0	0	160
% age	11.88	53.13	31.25	3.75	0.00	0.00	0.00	
IT	8	37	10	1	1	0	0	57
% age	14.04	64.91	17.54	1.75	1.75	0.00	0.00	
ECE	12	89	43	4	2	0	2	152
% age	7.89	58.55	28.29	2.63	1.32	0.00	1.32	
AEIE	3	17	19	6	2	1	1	49
% age	6.12	34.69	38.78	12.24	4.08	2.04	2.04	
CSBS	1	7	33	16	0	0	0	57
% age	1.75	12.28	57.89	28.07	0.00	0.00	0.00	
<b>Total</b>								<b>475</b>

<b>ELEC 1001: BASIC ELECTRICAL ENGINEERING</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	71	75	13	0	1	0	0	160
% age	44.38	46.88	8.13	0.00	0.63	0.00	0.00	
IT	23	30	3	1	0	0	0	57
% age	40.35	52.63	5.26	1.75	0.00	0.00	0.00	
ECE	57	71	19	3	1	0	1	152
% age	37.50	46.71	12.50	1.97	0.66	0.00	0.66	
AEIE	12	24	9	0	3	0	1	49
% age	24.49	48.98	18.37	0.00	6.12	0.00	2.04	
CSBS	26	29	2	0	0	0	0	57
% age	45.61	50.88	3.51	0.00	0.00	0.00	0.00	
<b>Total</b>								<b>475</b>

<b>HMTS 1011 : COMMUNICATION FOR PROFESSIONALS</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	1	84	70	4	0	0	1	160
% age	0.63	52.50	43.75	2.50	0.00	0.00	0.63	
IT	1	40	12	4	0	0	0	57
% age	1.75	70.18	21.05	7.02	0.00	0.00	0.00	
ECE	0	60	85	4	1	1	1	152
% age	0.00	39.47	55.92	2.63	0.66	0.66	0.66	
AEIE	0	28	16	2	2	0	1	49
% age	0.00	57.14	32.65	4.08	4.08	0.00	2.04	
CSBS	0	28	27	1	1	0	0	57
% age	0.00	49.12	47.37	1.75	1.75	0.00	0.00	
<b>Total</b>								<b>475</b>

<b>PHYS 1001: PHYSICS</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
BT	2	45	7	3	1	0	0	58
% age	3.45	77.59	12.07	5.17	1.72	0.00	0.00	
CHE	0	31	9	2	2	0	1	45
% age	0.00	68.89	20.00	4.44	4.44	0.00	2.22	
ME	0	13	19	5	2	0	0	39
% age	0.00	33.33	48.72	12.82	5.13	0.00	0.00	
CE	0	9	22	6	7	0	0	44
% age	0.00	20.45	50.00	13.64	15.91	0.00	0.00	
EE	1	5	31	10	3	0	2	52
% age	1.92	9.62	59.62	19.23	5.77	0.00	3.85	
AI & ML	2	40	7	5	1	0	0	55
% age	3.64	72.73	12.73	9.09	1.82	0.00	0.00	
DS	6	38	8	3	0	0	0	55
% age	10.91	69.09	14.55	5.45	0.00	0.00	0.00	
<b>Total</b>								<b>348</b>

**CSEN 1001: PROGRAMMING FOR PROBLEM SOLVING**

Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
BT	16	36	6	0	0	0	0	58
% age	27.59	62.07	10.34	0.00	0.00	0.00	0.00	
CHE	0	32	8	3	1	0	1	45
% age	0.00	71.11	17.78	6.67	2.22	0.00	2.22	
ME	4	26	9	0	0	0	0	39
% age	10.26	66.67	23.08	0.00	0.00	0.00	0.00	
CE	0	5	22	13	4	0	0	44
% age	0.00	11.36	50.00	29.55	9.09	0.00	0.00	
EE	2	36	8	2	2	0	2	52
% age	3.85	69.23	15.38	3.85	3.85	0.00	3.85	
AI & ML	19	27	7	2	0	0	0	55
% age	34.55	49.09	12.73	3.64	0.00	0.00	0.00	
DS	12	34	9	0	0	0	0	55
% age	21.82	61.82	16.36	0.00	0.00	0.00	0.00	
<b>Total</b>								<b>348</b>

**ECEN 1011: BASIC ELECTRONICS**

Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
BT	10	38	9	1	0	0	0	58
% age	17.24	65.52	15.52	1.72	0.00	0.00	0.00	
CHE	33	8	1	1	1	0	1	45
% age	73.33	17.78	2.22	2.22	2.22	0.00	2.22	
ME	8	27	4	0	0	0	0	39
% age	20.51	69.23	10.26	0.00	0.00	0.00	0.00	
CE	4	31	5	3	1	0	0	44
% age	9.09	70.45	11.36	6.82	2.27	0.00	0.00	
EE	32	12	2	0	0	0	6	52
% age	61.54	23.08	3.85	0.00	0.00	0.00	11.54	
AI & ML	3	37	14	1	0	0	0	55
% age	5.45	67.27	25.45	1.82	0.00	0.00	0.00	
DS	37	16	1	1	0	0	0	55
% age	67.27	29.09	1.82	1.82	0.00	0.00	0.00	
<b>Total</b>								<b>348</b>

# 1<sup>ST</sup> YEAR - B.TECH (LAB)

<b>CHEM 1051: CHEMISTRY LAB</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	89	48	13	6	0	1	3	160
% age	55.63	30.00	8.13	3.75	0.00	0.63	1.88	
IT	24	26	3	3	0	0	1	57
% age	42.11	45.61	5.26	5.26	0.00	0.00	1.75	
ECE	76	52	10	5	1	3	5	152
% age	50.00	34.21	6.58	3.29	0.66	1.97	3.29	
AEIE	26	18	2	0	1	1	1	49
% age	53.06	36.73	4.08	0.00	2.04	2.04	2.04	
CSBS	26	20	7	0	1	0	3	57
% age	45.61	35.09	12.28	0.00	1.75	0.00	5.26	
<b>Total</b>								<b>475</b>

<b>ELEC 1051: BASIC ELECTRICAL ENGINEERING LAB</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	18	73	44	17	8	0	0	160
% age	11.25	45.63	27.50	10.63	5.00	0.00	0.00	
IT	22	26	5	2	1	1	0	57
% age	38.60	45.61	8.77	3.51	1.75	1.75	0.00	
ECE	35	55	32	13	11	5	1	152
% age	23.03	36.18	21.05	8.55	7.24	3.29	0.66	
AEIE	1	17	10	10	4	7	0	49
% age	2.04	34.69	20.41	20.41	8.16	14.29	0.00	
CSBS	3	15	13	13	7	6	0	57
% age	5.26	26.32	22.81	22.81	12.28	10.53	0.00	
<b>Total</b>								<b>475</b>

<b>MECH 1052: ENGINEERING GRAPHICS &amp; DESIGN</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
CSE	10	48	36	41	11	12	2	160
% age	6.25	30.00	22.50	25.63	6.88	7.50	1.25	
IT	4	25	10	10	4	1	3	57
% age	7.02	43.86	17.54	17.54	7.02	1.75	5.26	
ECE	23	42	36	30	11	3	7	152
% age	15.13	27.63	23.68	19.74	7.24	1.97	4.61	
AEIE	1	10	17	10	5	3	3	49
% age	2.04	20.41	34.69	20.41	10.20	6.12	6.12	
CSBS	3	13	22	12	4	2	1	57
% age	5.26	22.81	38.60	21.05	7.02	3.51	1.75	
<b>Total</b>								<b>475</b>

<b>HMTS 1061: PROFESSIONAL COMMUNICATION LAB</b>								
<b>Dept.</b>	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>	<b>Total</b>
CSE	20	68	54	14	2	1	1	160
% age	12.50	42.50	33.75	8.75	1.25	0.63	0.63	
IT	10	37	4	3	2	0	1	57
% age	17.54	64.91	7.02	5.26	3.51	0.00	1.75	
ECE	7	54	74	10	3	0	4	152
% age	4.61	35.53	48.68	6.58	1.97	0.00	2.63	
AEIE	12	24	8	1	1	0	3	49
% age	24.49	48.98	16.33	2.04	2.04	0.00	6.12	
CSBS	10	13	23	5	3	3	0	57
% age	17.54	22.81	40.35	8.77	5.26	5.26	0.00	
<b>Total</b>								<b>475</b>

<b>PHYS 1051: PHYSICS LAB</b>								
<b>Dept.</b>	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>	<b>Total</b>
BT	17	30	8	1	1	1	0	58
% age	29.31	51.72	13.79	1.72	1.72	1.72	0.00	
CHE	14	26	2	0	2	0	1	45
% age	31.11	57.78	4.44	0.00	4.44	0.00	2.22	
ME	15	14	6	0	0	4	0	39
% age	38.46	35.90	15.38	0.00	0.00	10.26	0.00	
CE	3	22	13	2	3	1	0	44
% age	6.82	50.00	29.55	4.55	6.82	2.27	0.00	
EE	14	21	7	4	3	3	0	52
% age	26.92	40.38	13.46	7.69	5.77	5.77	0.00	
AI & ML	7	26	14	3	5	0	0	55
% age	12.73	47.27	25.45	5.45	9.09	0.00	0.00	
DS	8	16	24	4	2	1	0	55
% age	14.55	29.09	43.64	7.27	3.64	1.82	0.00	
<b>Total</b>								<b>348</b>

<b>CSEN 1051: PROGRAMMING FOR PROBLEM SOLVING LAB</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
BT	21	37	0	0	0	0	0	58
% age	36.21	63.79	0.00	0.00	0.00	0.00	0.00	
CHE	13	17	6	4	2	3	0	45
% age	28.89	37.78	13.33	8.89	4.44	6.67	0.00	
ME	10	8	9	3	4	5	0	39
% age	25.64	20.51	23.08	7.69	10.26	12.82	0.00	
CE	14	11	10	7	0	2	0	44
% age	31.82	25.00	22.73	15.91	0.00	4.55	0.00	
EE	5	9	9	16	13	0	0	52
% age	9.62	17.31	17.31	30.77	25.00	0.00	0.00	
AI & ML	11	17	22	4	0	1	0	55
% age	20.00	30.91	40.00	7.27	0.00	1.82	0.00	
DS	37	5	13	0	0	0	0	55
% age	67.27	9.09	23.64	0.00	0.00	0.00	0.00	
<b>Total</b>								<b>348</b>

<b>MECH 1051: WORKSHOP / MANUFACTURING PRACTICES</b>								
Dept.	O (>89)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F (<40)	Total
BT	2	19	18	12	6	1	0	58
% age	3.45	32.76	31.03	20.69	10.34	1.72	0.00	
CHE	4	12	10	11	4	4	0	45
% age	8.89	26.67	22.22	24.44	8.89	8.89	0.00	
ME	2	12	12	8	2	0	3	39
% age	5.13	30.77	30.77	20.51	5.13	0.00	7.69	
CE	2	3	11	14	7	3	4	44
% age	4.55	6.82	25.00	31.82	15.91	6.82	9.09	
EE	4	7	11	10	10	3	7	52
% age	7.69	13.46	21.15	19.23	19.23	5.77	13.46	
AI & ML	2	18	18	13	1	1	2	55
% age	3.64	32.73	32.73	23.64	1.82	1.82	3.64	
DS	7	8	13	13	3	5	6	55
% age	12.73	14.55	23.64	23.64	5.45	9.09	10.91	
<b>Total</b>								<b>348</b>

<b>ECEN 1061: BASIC ELECTRONICS LAB</b>								
<b>Dept.</b>	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>	<b>Total</b>
<b>BT</b>	<b>27</b>	<b>27</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>58</b>
<b>% age</b>	<b>46.55</b>	<b>46.55</b>	<b>5.17</b>	<b>0.00</b>	<b>1.72</b>	<b>0.00</b>	<b>0.00</b>	
<b>CHE</b>	<b>27</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>45</b>
<b>% age</b>	<b>60.00</b>	<b>37.78</b>	<b>0.00</b>	<b>0.00</b>	<b>2.22</b>	<b>0.00</b>	<b>0.00</b>	
<b>ME</b>	<b>11</b>	<b>25</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>% age</b>	<b>28.21</b>	<b>64.10</b>	<b>7.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>CE</b>	<b>5</b>	<b>22</b>	<b>15</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44</b>
<b>% age</b>	<b>11.36</b>	<b>50.00</b>	<b>34.09</b>	<b>4.55</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>EE</b>	<b>20</b>	<b>14</b>	<b>12</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>52</b>
<b>% age</b>	<b>38.46</b>	<b>26.92</b>	<b>23.08</b>	<b>9.62</b>	<b>1.92</b>	<b>0.00</b>	<b>0.00</b>	
<b>AI &amp; ML</b>	<b>9</b>	<b>11</b>	<b>27</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>55</b>
<b>% age</b>	<b>16.36</b>	<b>20.00</b>	<b>49.09</b>	<b>3.64</b>	<b>10.91</b>	<b>0.00</b>	<b>0.00</b>	
<b>DS</b>	<b>9</b>	<b>14</b>	<b>15</b>	<b>8</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>55</b>
<b>% age</b>	<b>16.36</b>	<b>25.45</b>	<b>27.27</b>	<b>14.55</b>	<b>16.36</b>	<b>0.00</b>	<b>0.00</b>	
<b>Total</b>								<b>348</b>



**RESULT ANALYSIS - ODD SEM, 2021**  
**2<sup>ND</sup> YEAR - B.TECH (THEORY & LAB)**

<b>COMPUTER SCIENCE &amp; ENGINEERING (THEORY)</b>							
<b>No. of students = 211</b>							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
HMTS 2001: Human Values & Professional Ethics	22	69	99	18	2	0	1
(%)	10.43	32.70	46.92	8.53	0.95	0.00	0.47
MATH 2111: Probability & Statistical Methods	3	133	62	10	1	0	2
(%)	1.42	63.03	29.38	4.74	0.47	0.00	0.95
ECEN 2101: Analog Circuits	106	86	13	5	0	0	1
(%)	50.24	40.76	6.16	2.37	0.00	0.00	0.47
ECEN 2104: Digital Logic	125	81	5	0	0	0	0
(%)	59.24	38.39	2.37	0.00	0.00	0.00	0.00
CSEN 2101: Data Structure & Algorithms	45	129	33	3	0	0	1
(%)	21.33	61.14	15.64	1.42	0.00	0.00	0.47
CSEN 2102: Discrete Mathematics	28	143	35	3	1	0	1
(%)	13.27	67.77	16.59	1.42	0.47	0.00	0.47

<b>COMPUTER SCIENCE &amp; ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 211</b>							
Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
ECEN 2154 : Digital Logic Lab	122	63	22	0	1	0	3
(%)	57.82	29.86	10.43	0.00	0.47	0.00	1.42
CSEN 2151: Data Structure & Algorithms Lab	67	86	42	6	9	0	1
(%)	31.75	40.76	19.91	2.84	4.27	0.00	0.47
CSEN 2152: Software Tools Lab	55	79	44	25	3	0	5
(%)	26.07	37.44	20.85	11.85	1.42	0.00	2.37

<b>INFORMATION TECHNOLOGY (THEORY)</b>							
<b>No. of students = 66</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	16	44	6	0	0	0	0
(%)	24.24	66.67	9.09	0.00	0.00	0.00	0.00
<b>EVSC 2016: Environmental Sciences</b>	2	13	30	15	5	1	0
(%)	3.03	19.70	45.45	22.73	7.58	1.52	0.00
<b>CSEN 2102: Discrete Mathematics</b>	11	31	21	3	0	0	0
(%)	16.67	46.97	31.82	4.55	0.00	0.00	0.00
<b>ECEN 2101: Analog Circuits</b>	18	46	2	0	0	0	0
(%)	27.27	69.70	3.03	0.00	0.00	0.00	0.00
<b>ECEN 2002: Digital Systems Design</b>	42	23	1	0	0	0	0
(%)	63.64	34.85	1.52	0.00	0.00	0.00	0.00
<b>INFO 2101: Fundamentals of Data Structure &amp; Algorithms</b>	0	8	45	11	2	0	0
(%)	0.00	12.12	68.18	16.67	3.03	0.00	0.00
<b>INFO 2111: Information Theory &amp; Coding</b>	2	40	18	4	2	0	0
(%)	3.03	60.61	27.27	6.06	3.03	0.00	0.00

<b>INFORMATION TECHNOLOGY (LAB)</b>							
<b>No. of students = 66</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ECEN 2151 : Analog Circuits Lab</b>	35	16	12	1	1	0	1
(%)	53.03	24.24	18.18	1.52	1.52	0.00	1.52
<b>ECEN 2052: Digital Systems Design Lab</b>	14	33	19	0	0	0	0
(%)	21.21	50.00	28.79	0.00	0.00	0.00	0.00
<b>INFO 2151: Fundamentals of Data Structure &amp; Algorithms Lab</b>	13	11	16	14	9	3	0
(%)	19.70	16.67	24.24	21.21	13.64	4.55	0.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (THEORY)</b>							
<b>No. of students = 209</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	0	66	123	16	4	0	0
(%)	0.00	31.58	58.85	7.66	1.91	0.00	0.00
<b>MATH 2001: Mathematical Methods</b>	0	0	0	0	0	0	0
(%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CSEN 2004: Data Structure and Basic Algorithms</b>	43	136	27	3	0	0	0
(%)	20.57	65.07	12.92	1.44	0.00	0.00	0.00
<b>ECEN 2101: Analog Circuits</b>	104	93	8	1	1	0	2
(%)	49.76	44.50	3.83	0.48	0.48	0.00	0.96
<b>ECEN 2102: Circuit and Network Theory</b>	137	68	2	1	1	0	0
(%)	65.55	32.54	0.96	0.48	0.48	0.00	0.00
<b>ECEN 2103: Signals &amp; Systems</b>	89	93	24	3	0	0	0
(%)	42.58	44.50	11.48	1.44	0.00	0.00	0.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (LAB)</b>							
<b>No. of students = 209</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ECEN 2151 : Analog Circuits Lab</b>	81	100	18	6	1	2	1
(%)	38.76	47.85	8.61	2.87	0.48	0.96	0.48
<b>ECEN 2152: Circuit and Network Theory Lab</b>	128	75	5	1	0	0	0
(%)	61.24	35.89	2.39	0.48	0.00	0.00	0.00
<b>ECEN 2153: Signals &amp; Systems Lab</b>	51	63	47	40	8	0	0
(%)	24.40	30.14	22.49	19.14	3.83	0.00	0.00
<b>CSEN 2054: Data Structure and Basic Algorithms Lab</b>	71	86	36	16	0	0	0
(%)	33.97	41.15	17.22	7.66	0.00	0.00	0.00

<b>BIOTECHNOLOGY (THEORY)</b>							
<b>No. of students = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	0	21	28	3	0	0	1
(%)	0.00	39.62	52.83	5.66	0.00	0.00	1.89
<b>EVSC 2016 : Environmental Sciences</b>	9	31	6	3	2	1	1
(%)	16.98	58.49	11.32	5.66	3.77	1.89	1.89
<b>MATH 2101: Mathematical &amp; Statistical Methods</b>	12	38	1	1	0	0	1
(%)	22.64	71.70	1.89	1.89	0.00	0.00	1.89
<b>BIOT 2101: Chemistry of Biomolecules</b>	1	15	29	5	2	0	1
(%)	1.89	28.30	54.72	9.43	3.77	0.00	1.89
<b>BIOT 2102: Industrial Stoichiometry</b>	52	0	0	0	0	0	1
(%)	98.11	0.00	0.00	0.00	0.00	0.00	1.89
<b>BIOT 2103: Biochemistry</b>	1	12	35	4	0	0	1
(%)	1.89	22.64	66.04	7.55	0.00	0.00	1.89
<b>BIOT 2104: Microbiology</b>	11	33	8	0	0	0	1
(%)	20.75	62.26	15.09	0.00	0.00	0.00	1.89

<b>BIOTECHNOLOGY (LAB)</b>							
<b>No. of students = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>BIOT 2151 : Biomolecular Chemistry Lab</b>	29	23	0	0	0	0	1
(%)	54.72	43.40	0.00	0.00	0.00	0.00	1.89
<b>BIOT 2153: Biochemistry Lab</b>	15	34	3	0	0	0	1
(%)	28.30	64.15	5.66	0.00	0.00	0.00	1.89
<b>BIOT 2154: Microbiology Lab</b>	30	15	7	0	0	0	1
(%)	56.60	28.30	13.21	0.00	0.00	0.00	1.89

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (THEORY)</b>							
<b>No. of students = 57</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	0	0	35	21	1	0	0
(%)	0.00	0.00	61.40	36.84	1.75	0.00	0.00
<b>MATH 2001 : Mathematical Methods</b>	29	24	4	0	0	0	0
(%)	50.88	42.11	7.02	0.00	0.00	0.00	0.00
<b>AEIE 2101: Analog Electronic Circuits</b>	0	18	35	2	2	0	0
(%)	0.00	31.58	61.40	3.51	3.51	0.00	0.00
<b>AEIE 2102: Sensors &amp; Transducers</b>	5	40	9	3	0	0	0
(%)	8.77	70.18	15.79	5.26	0.00	0.00	0.00
<b>AEIE 2103: Circuit Theory &amp; Network Analysis</b>	29	27	1	0	0	0	0
(%)	50.88	47.37	1.75	0.00	0.00	0.00	0.00
<b>AEIE 2111: Material Science &amp; Technology</b>	31	21	5	0	0	0	0
(%)	54.39	36.84	8.77	0.00	0.00	0.00	0.00

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (LAB)</b>							
<b>No. of students = 57</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>AEIE 2151 : Analog Electronics Lab</b>	3	34	16	4	0	0	0
(%)	5.26	59.65	28.07	7.02	0.00	0.00	0.00
<b>AEIE 2152: Sensors &amp; Transducers Lab</b>	28	23	4	2	0	0	0
(%)	49.12	40.35	7.02	3.51	0.00	0.00	0.00
<b>AEIE 2153: Circuits &amp; Networks Lab</b>	34	21	2	0	0	0	0
(%)	59.65	36.84	3.51	0.00	0.00	0.00	0.00

<b>CHEMICAL ENGINEERING (THEORY)</b>							
<b>No. of students = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>PHYS 2111: Physics II</b>	<b>1</b>	<b>4</b>	<b>30</b>	<b>8</b>	<b>8</b>	<b>1</b>	<b>1</b>
<b>(%)</b>	<b>1.89</b>	<b>7.55</b>	<b>56.60</b>	<b>15.09</b>	<b>15.09</b>	<b>1.89</b>	<b>1.89</b>
<b>BIOT 2105 : Biology</b>	<b>27</b>	<b>20</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>50.94</b>	<b>37.74</b>	<b>7.55</b>	<b>1.89</b>	<b>0.00</b>	<b>0.00</b>	<b>1.89</b>
<b>MECH 2106: Mechanics for Engineers</b>	<b>7</b>	<b>27</b>	<b>17</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>13.21</b>	<b>50.94</b>	<b>32.08</b>	<b>1.89</b>	<b>0.00</b>	<b>0.00</b>	<b>1.89</b>
<b>CHEN 2101: Particle &amp; Fluid Particle Processing</b>	<b>3</b>	<b>27</b>	<b>19</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>5.66</b>	<b>50.94</b>	<b>35.85</b>	<b>3.77</b>	<b>1.89</b>	<b>0.00</b>	<b>1.89</b>
<b>CHEN 2102: Chemical Engineering Fluid Mechanics</b>	<b>5</b>	<b>34</b>	<b>7</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>9.43</b>	<b>64.15</b>	<b>13.21</b>	<b>11.32</b>	<b>0.00</b>	<b>0.00</b>	<b>1.89</b>
<b>CHEN 2103 : Basics of Material &amp; Energy Balance</b>	<b>0</b>	<b>16</b>	<b>26</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>0.00</b>	<b>30.19</b>	<b>49.06</b>	<b>16.98</b>	<b>1.89</b>	<b>0.00</b>	<b>1.89</b>
<b>CHEN 2104 : Thermodynamics - I</b>	<b>2</b>	<b>9</b>	<b>22</b>	<b>12</b>	<b>6</b>	<b>1</b>	<b>1</b>
<b>(%)</b>	<b>3.77</b>	<b>16.98</b>	<b>41.51</b>	<b>22.64</b>	<b>11.32</b>	<b>1.89</b>	<b>1.89</b>

<b>CHEMICAL ENGINEERING (LAB)</b>							
<b>No. of students = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>CHEN 2151 : Fluid Mechanics (ChE) Lab</b>	<b>5</b>	<b>17</b>	<b>26</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>9.43</b>	<b>32.08</b>	<b>49.06</b>	<b>7.55</b>	<b>1.89</b>	<b>0.00</b>	<b>0.00</b>
<b>CHEN 2152: Particle &amp; Fluid Particle Processing Lab</b>	<b>8</b>	<b>30</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>(%)</b>	<b>15.09</b>	<b>56.60</b>	<b>26.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.89</b>
<b>CHEN 2153 : Instrumental Methods of Analysis Lab</b>	<b>15</b>	<b>23</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>28.30</b>	<b>43.40</b>	<b>28.30</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**MECHANICAL 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)
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	9	39	55	16	3	0	0
(%)	7.38	31.97	45.08	13.11	2.46	0.00	0.00
<b>EVSC 2016 : Environmental Sciences</b>	5	36	42	20	14	5	0
(%)	4.10	29.51	34.43	16.39	11.48	4.10	0.00
<b>MATH 2001: Mathematical Methods</b>	13	78	28	1	1	1	0
(%)	10.66	63.93	22.95	0.82	0.82	0.82	0.00
<b>PHYS 2101:Physics - II</b>	1	9	63	40	6	3	0
(%)	0.82	7.38	51.64	32.79	4.92	2.46	0.00
<b>BIOT 2105: Biology</b>	17	96	7	1	1	0	0
(%)	13.93	78.69	5.74	0.82	0.82	0.00	0.00
<b>MECH 2101: Engineering Mechanics</b>	24	62	29	5	2	0	0
(%)	19.67	50.82	23.77	4.10	1.64	0.00	0.00
<b>MECH 2102 : Fluid Mechanics &amp; Hydraulics</b>	19	78	18	6	1	0	0
(%)	15.57	63.93	14.75	4.92	0.82	0.00	0.00

**MECHANICAL ENGINEERING (LAB)****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)
<b>MECH 2156 : Machine Drawing I</b>	8	22	34	23	18	13	4
(%)	6.56	18.03	27.87	18.85	14.75	10.66	3.28
<b>MECH 2157:Workshop Practice II</b>	24	32	34	20	5	5	2
(%)	19.67	26.23	27.87	16.39	4.10	4.10	1.64

**CIVIL ENGINEERING (THEORY)****No. of students = 124**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>EVSC 2016 : Environmental Sciences</b>	6	55	38	16	8	1	0
(%)	4.84	44.35	30.65	12.90	6.45	0.81	0.00
<b>BIOT 2105: Biology</b>	0	47	77	0	0	0	0
(%)	0.00	37.90	62.10	0.00	0.00	0.00	0.00
<b>CIVL 2101: Fundamentals of Strength of Materials</b>	84	36	3	1	0	0	0
(%)	67.74	29.03	2.42	0.81	0.00	0.00	0.00
<b>CIVL 2102 : Soil Mechanics - I</b>	24	72	23	4	1	0	0
(%)	19.35	58.06	18.55	3.23	0.81	0.00	0.00
<b>CIVL 2103: Construction Materials and Technology</b>	5	119	0	0	0	0	0
(%)	4.03	95.97	0.00	0.00	0.00	0.00	0.00
<b>CIVL 2113: Fluid Mechanics</b>	93	27	4	0	0	0	0
(%)	75.00	21.77	3.23	0.00	0.00	0.00	0.00

**CIVIL ENGINEERING (LAB)****No. of students = 124**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>CIVL 2151 : Strength of Materials Lab</b>	21	37	23	29	10	2	2
(%)	16.94	29.84	18.55	23.39	8.06	1.61	1.61
<b>CIVL 2152 :Soil Mechanics Lab - I</b>	8	29	38	45	4	0	0
(%)	6.45	23.39	30.65	36.29	3.23	0.00	0.00
<b>CIVL 2153 : Construction Materials Lab</b>	30	55	25	9	3	1	1
(%)	24.19	44.35	20.16	7.26	2.42	0.81	0.81
<b>CIVL 2154 : Building Planning and Drawing</b>	31	70	13	6	4	0	0
(%)	25.00	56.45	10.48	4.84	3.23	0.00	0.00
<b>CIVL 2163 : Fluid Mechanics Lab</b>	60	41	14	8	0	0	1
(%)	48.39	33.06	11.29	6.45	0.00	0.00	0.81



**ELECTRICAL ENGINEERING (THEORY)****No. of students = 61**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	0	2	52	6	1	0	0
(%)	0.00	3.28	85.25	9.84	1.64	0.00	0.00
<b>BIOT 2105: Biology</b>	13	44	4	0	0	0	0
(%)	21.31	72.13	6.56	0.00	0.00	0.00	0.00
<b>MECH 2106: Mechanics for Engineers</b>	2	37	19	2	1	0	0
(%)	3.28	60.66	31.15	3.28	1.64	0.00	0.00
<b>ELEC 2101 : Circuit Theory</b>	32	25	4	0	0	0	0
(%)	52.46	40.98	6.56	0.00	0.00	0.00	0.00
<b>ELEC 2102: Analog &amp; Digital Electronics</b>	15	28	14	4	0	0	0
(%)	24.59	45.90	22.95	6.56	0.00	0.00	0.00
<b>ELEC 2103: Electrical &amp; Electronic Measurement</b>	18	32	7	4	0	0	0
(%)	29.51	52.46	11.48	6.56	0.00	0.00	0.00

**ELECTRICAL ENGINEERING (LAB)****No. of students = 61**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ELEC 2151 : Circuit Theory Lab</b>	11	35	12	2	1	0	0
(%)	18.03	57.38	19.67	3.28	1.64	0.00	0.00
<b>ELEC 2152 :Analog &amp; Digital Electronics Lab</b>	15	25	10	6	5	0	0
(%)	24.59	40.98	16.39	9.84	8.20	0.00	0.00
<b>ELEC 2153 : Electrical &amp; Electronic Measurement Lab</b>	16	25	12	2	6	0	0
(%)	26.23	40.98	19.67	3.28	9.84	0.00	0.00

<b>COMPUTER SCIENCE &amp; BUSINESS SYSTEMS (THEORY)</b>							
<b>No. of students = 67</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>HMTS 2001: Human Values &amp; Professional Ethics</b>	19	38	9	1	0	0	0
(%)	28.36	56.72	13.43	1.49	0.00	0.00	0.00
<b>HMTS 2101: Economics for Engineers</b>	33	30	4	0	0	0	0
(%)	49.25	44.78	5.97	0.00	0.00	0.00	0.00
<b>MATH 2111: Probability &amp; Statistical Methods</b>	3	43	15	4	0	2	0
(%)	4.48	64.18	22.39	5.97	0.00	2.99	0.00
<b>ECEN 2104 : Digital Logic</b>	51	14	2	0	0	0	0
(%)	76.12	20.90	2.99	0.00	0.00	0.00	0.00
<b>CSEN 2102: Discrete Mathematics</b>	1	34	25	6	0	1	0
(%)	1.49	50.75	37.31	8.96	0.00	1.49	0.00
<b>CSBS 2101: Fundamentals of Data Structures</b>	17	34	14	1	0	1	0
(%)	25.37	50.75	20.90	1.49	0.00	1.49	0.00

<b>COMPUTER SCIENCE &amp; BUSINESS SYSTEMS (LAB)</b>							
<b>No. of students = 67</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ECEN 2154 : Digital Logic Lab</b>	30	36	1	0	0	0	0
(%)	44.78	53.73	1.49	0.00	0.00	0.00	0.00
<b>CSBS 2151 : Fundamentals of Data Structures Lab</b>	24	16	18	4	3	2	0
(%)	35.82	23.88	26.87	5.97	4.48	2.99	0.00

**RESULT ANALYSIS - ODD SEM, 2021**  
**3<sup>RD</sup> YEAR - B.TECH (THEORY & LAB)**

<b>COMPUTER SCIENCE &amp; ENGINEERING (THEORY)</b>							
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 3101:Database Management Systems	2	43	139	31	0	0	0
(%)	0.93	20.00	64.65	14.42	0.00	0.00	0.00
CSEN 3102: Formal Language & Automata Theory	5	26	60	83	38	3	0
(%)	2.33	12.09	27.91	38.60	17.67	1.40	0.00
CSEN 3103: Object Oriented Programming	7	79	116	11	2	0	0
(%)	3.26	36.74	53.95	5.12	0.93	0.00	0.00
ECEN 3106:Electronic Design Automation	63	133	18	1	0	0	0
(%)	29.30	61.86	8.37	0.47	0.00	0.00	0.00
CSEN 3132/CSEN 3133/CSEN 3135:Data Mining & Knowledge Discovery/Web Technologies/Introduction to Data Analysis with Python and R	32	106	69	6	2	0	0
(%)	14.88	49.30	32.09	2.79	0.93	0.00	0.00
CSEN 3111: Artificial Intelligence	4	62	103	40	5	0	1
(%)	1.86	28.84	47.91	18.60	2.33	0.00	0.47

<b>COMPUTER SCIENCE &amp; ENGINEERING (LAB)</b>							
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 3151:Database Management Systems Lab	74	86	29	22	2	2	0
(%)	34.42	40.00	13.49	10.23	0.93	0.93	0.00
CSEN 3153:Object Oriented Programming Lab	77	58	56	14	5	5	0
(%)	35.81	26.98	26.05	6.51	2.33	2.33	0.00
ECEN 3156:Electronic Design Automation Lab	71	48	57	21	18	0	0
(%)	33.02	22.33	26.51	9.77	8.37	0.00	0.00
CSEN 3161:Artificial Intelligence Lab	42	74	54	25	14	6	0
(%)	19.53	34.42	25.12	11.63	6.51	2.79	0.00

<b>INFORMATION TECHNOLOGY (THEORY)</b>							
<b>NO. OF STUDENTS = 69</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>INCO 3016: Indian Constitution And Civil Society</b>	0	0	25	25	19	0	0
(%)	0.00	0.00	36.23	36.23	27.54	0.00	0.00
<b>INFO 3101: Advanced Java &amp; Web Technology</b>	4	29	27	5	4	0	0
(%)	5.80	42.03	39.13	7.25	5.80	0.00	0.00
<b>INFO 3102: Operating Systems</b>	3	39	21	3	3	0	0
(%)	4.35	56.52	30.43	4.35	4.35	0.00	0.00
<b>INFO 3103: Design &amp; Analysis of Algorithms</b>	0	11	41	11	3	3	0
(%)	0.00	15.94	59.42	15.94	4.35	4.35	0.00
<b>INFO 3104: Software Engineering</b>	27	31	6	2	3	0	0
(%)	39.13	44.93	8.70	2.90	4.35	0.00	0.00
<b>INFO 3132: Distributed Database Management Systems</b>	2	26	30	7	1	3	0
(%)	2.90	37.68	43.48	10.14	1.45	4.35	0.00

<b>INFORMATION TECHNOLOGY (LAB)</b>							
<b>NO. OF STUDENTS = 69</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>INFO 3151: Advanced Java &amp; Web Technology Lab</b>	40	20	5	1	2	1	0
(%)	57.97	28.99	7.25	1.45	2.90	1.45	0.00
<b>INFO 3152: Operating Systems Lab</b>	16	16	16	12	4	5	0
(%)	23.19	23.19	23.19	17.39	5.80	7.25	0.00
<b>INFO 3153: Design &amp; Analysis of Algorithms Lab</b>	13	21	17	11	6	1	0
(%)	18.84	30.43	24.64	15.94	8.70	1.45	0.00
<b>INFO 3154: Software Engineering Lab</b>	9	24	19	9	4	4	0
(%)	13.04	34.78	27.54	13.04	5.80	5.80	0.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 211</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>ECEN 3101: Digital Communication</b>	70	61	60	15	2	2	1
<b>(%)</b>	33.18	28.91	28.44	7.11	0.95	0.95	0.47
<b>ECEN 3102: Digital Signal Processing</b>	114	80	14	3	0	0	0
<b>(%)</b>	54.03	37.91	6.64	1.42	0.00	0.00	0.00
<b>ECEN 3103: Microwave Engineering</b>	110	86	12	3	0	0	0
<b>(%)</b>	52.13	40.76	5.69	1.42	0.00	0.00	0.00
<b>ECEN 3104: Microprocessors and Microcontrollers</b>	133	60	16	2	0	0	0
<b>(%)</b>	63.03	28.44	7.58	0.95	0.00	0.00	0.00
<b>ECEN 3105: Information Theory and Coding</b>	106	98	7	0	0	0	0
<b>(%)</b>	50.24	46.45	3.32	0.00	0.00	0.00	0.00
<b>ECEN 3131/ECEN 3132: Telecommunication Systems/Computer Networks</b>	54	107	43	6	1	0	0
<b>(%)</b>	25.59	50.71	20.38	2.84	0.47	0.00	0.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 211</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>ECEN 3151: Digital Communication Laboratory</b>	91	96	18	6	0	0	0
<b>(%)</b>	43.13	45.50	8.53	2.84	0.00	0.00	0.00
<b>ECEN 3152: Digital Signal Processing Laboratory</b>	109	85	13	0	4	0	0
<b>(%)</b>	51.66	40.28	6.16	0.00	1.90	0.00	0.00
<b>ECEN 3153: Microwave Engineering Laboratory</b>	75	70	34	25	7	0	0
<b>(%)</b>	35.55	33.18	16.11	11.85	3.32	0.00	0.00
<b>ECEN 3154: Microprocessors and Microcontrollers Laboratory</b>	90	67	50	2	2	0	0
<b>(%)</b>	42.65	31.75	23.70	0.95	0.95	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)
<b>INCO 3016: Indian Constitution And Civil Society</b>	0	2	37	16	4	0	0
(%)	0.00	3.39	62.71	27.12	6.78	0.00	0.00
<b>BIOT 3101: Genetics</b>	0	27	26	1	4	1	0
(%)	0.00	45.76	44.07	1.69	6.78	1.69	0.00
<b>BIOT 3102: Bioinformatics</b>	0	0	6	41	8	4	0
(%)	0.00	0.00	10.17	69.49	13.56	6.78	0.00
<b>BIOT 3103: Recombinant DNA Technology</b>	1	10	19	21	8	0	0
(%)	1.69	16.95	32.20	35.59	13.56	0.00	0.00
<b>BIOT 3104: Transfer Operation-II</b>	39	19	1	0	0	0	0
(%)	66.10	32.20	1.69	0.00	0.00	0.00	0.00
<b>BIOT 3131/BIOT 3132/BIOT 3133: Food Biotechnology/Environmental Biotechnology/Bioprocess &amp; Process Instrumentation</b>	25	17	16	1	0	0	0
(%)	42.37	28.81	27.12	1.69	0.00	0.00	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)
<b>BIOT 3151:Genetics lab</b>	27	28	3	0	0	1	0
(%)	45.76	47.46	5.08	0.00	0.00	1.69	0.00
<b>BIOT 3152: Bioinformatics lab</b>	6	32	14	6	0	1	0
(%)	10.17	54.24	23.73	10.17	0.00	1.69	0.00
<b>BIOT 3153: Recombinant DNA Technology lab</b>	10	19	28	1	0	1	0
(%)	16.95	32.20	47.46	1.69	0.00	1.69	0.00
<b>BIOT 3154:Transfer Operation- II lab</b>	51	7	0	1	0	0	0
(%)	86.44	11.86	0.00	1.69	0.00	0.00	0.00
<b>BIOT 3181/BIOT 3182/BIOT 3183:Food Biotechnology Lab /Environmental Biotechnology Lab/ Bioprocess &amp; Process Instrumentation Lab</b>	31	17	4	2	2	2	1
(%)	52.54	28.81	6.78	3.39	3.39	3.39	1.69

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>AEIE 3101:Process Control</b>	0	0	28	19	5	1	0
(%)	0.00	0.00	52.83	35.85	9.43	1.89	0.00
<b>AEIE 3102: Power Electronics &amp; Drives</b>	1	19	31	2	0	0	0
(%)	1.89	35.85	58.49	3.77	0.00	0.00	0.00
<b>AEIE 3103: Microprocessors &amp; Microcontrollers</b>	0	0	6	21	19	7	0
(%)	0.00	0.00	11.32	39.62	35.85	13.21	0.00
<b>AEIE 3104: Fundamentals of Digital Signal Processing</b>	0	12	31	8	1	1	0
(%)	0.00	22.64	58.49	15.09	1.89	1.89	0.00
<b>AEIE 3131/AEIE 3132: Communication Techniques/ Non-Conventional Energy Sources</b>	0	17	33	1	2	0	0
(%)	0.00	32.08	62.26	1.89	3.77	0.00	0.00
<b>AEIE3111: Introduction to Mechatronics</b>	0	32	20	1	0	0	0
(%)	0.00	60.38	37.74	1.89	0.00	0.00	0.00

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 53</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>AEIE 3151:Process Control Lab</b>	11	19	13	8	2	0	0
(%)	20.75	35.85	24.53	15.09	3.77	0.00	0.00
<b>AEIE 3152: Power Electronics &amp; Drives Lab</b>	7	35	9	2	0	0	0
(%)	13.21	66.04	16.98	3.77	0.00	0.00	0.00
<b>AEIE 3153: Microprocessors&amp; Microcontrollers Lab</b>	17	22	9	1	4	0	0
(%)	32.08	41.51	16.98	1.89	7.55	0.00	0.00

**CHEMICAL ENGINEERING (THEORY)****NO. OF STUDENTS = 53**

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
<b>CHEN 3101:Chemical Process Technology</b>	1	3	17	27	5	0	0
(%)	1.89	5.66	32.08	50.94	9.43	0.00	0.00
<b>CHEN 3102: Chemical Reaction Engineering - I</b>	2	6	41	4	0	0	0
(%)	3.77	11.32	77.36	7.55	0.00	0.00	0.00
<b>CHEN 3103: Mass Transfer I</b>	0	2	12	36	3	0	0
(%)	0.00	3.77	22.64	67.92	5.66	0.00	0.00
<b>CHEN 3104: Numerical Methods in Chemical Engineering</b>	1	23	21	7	1	0	0
(%)	1.89	43.40	39.62	13.21	1.89	0.00	0.00
<b>CHEN 3131/CHEN 3132: Petrochemical Technology/ Energy Engineering</b>	2	5	38	8	0	0	0
(%)	3.77	9.43	71.70	15.09	0.00	0.00	0.00
<b>CHEN 3141/ CHEN 3142: Bioprocess Engineering /Industrial Safety and Hazards Analysis</b>	0	4	43	5	1	0	0
(%)	0.00	7.55	81.13	9.43	1.89	0.00	0.00
<b>CHEN 3111: Chemical Reaction Engineering II</b>	2	19	27	5	0	0	0
(%)	3.77	35.85	50.94	9.43	0.00	0.00	0.00

**CHEMICAL ENGINEERING (LAB)****NO. OF STUDENTS = 53**

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
<b>CHEN 3151:Numerical Computation Laboratory</b>	7	17	18	5	4	0	2
(%)	13.21	32.08	33.96	9.43	7.55	0.00	3.77
<b>CHEN 3152: Chemical Reaction Engineering Laboratory</b>	15	26	12	0	0	0	0
(%)	28.30	49.06	22.64	0.00	0.00	0.00	0.00
<b>CHEN 3153: Energy Laboratory: Theory and Practice</b>	14	23	14	1	1	0	0
(%)	26.42	43.40	26.42	1.89	1.89	0.00	0.00



<b>MECHANICAL ENGINEERING (THEORY)</b>							
<b>No. of students = 122</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>INCO 3016: Indian Constitution And Civil Society</b>	<b>0</b>	<b>1</b>	<b>77</b>	<b>30</b>	<b>14</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>0.82</b>	<b>63.11</b>	<b>24.59</b>	<b>11.48</b>	<b>0.00</b>	<b>0.00</b>
<b>MECH 3101: Machine Design-I</b>	<b>0</b>	<b>15</b>	<b>77</b>	<b>22</b>	<b>6</b>	<b>1</b>	<b>1</b>
<b>(%)</b>	<b>0.00</b>	<b>12.30</b>	<b>63.11</b>	<b>18.03</b>	<b>4.92</b>	<b>0.82</b>	<b>0.82</b>
<b>MECH 3102: Heat Transfer</b>	<b>0</b>	<b>2</b>	<b>84</b>	<b>25</b>	<b>9</b>	<b>2</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>1.64</b>	<b>68.85</b>	<b>20.49</b>	<b>7.38</b>	<b>1.64</b>	<b>0.00</b>
<b>MECH 3103: Engineering Materials</b>	<b>0</b>	<b>5</b>	<b>42</b>	<b>48</b>	<b>24</b>	<b>3</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>4.10</b>	<b>34.43</b>	<b>39.34</b>	<b>19.67</b>	<b>2.46</b>	<b>0.00</b>
<b>MECH 3104: Machining &amp; Machine Tools</b>	<b>14</b>	<b>42</b>	<b>49</b>	<b>13</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>11.48</b>	<b>34.43</b>	<b>40.16</b>	<b>10.66</b>	<b>3.28</b>	<b>0.00</b>	<b>0.00</b>
<b>MECH 3105: Dynamics of Machines</b>	<b>0</b>	<b>5</b>	<b>21</b>	<b>50</b>	<b>36</b>	<b>10</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>4.10</b>	<b>17.21</b>	<b>40.98</b>	<b>29.51</b>	<b>8.20</b>	<b>0.00</b>
<b>MECH 3131/MECH 3132/MECH 3133/MECH 3134 :Fluid Power Control/Refrigeration &amp; Air Conditioning/Electrical Machines/Data Structure &amp; RDBMS</b>	<b>0</b>	<b>35</b>	<b>57</b>	<b>25</b>	<b>4</b>	<b>1</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>28.69</b>	<b>46.72</b>	<b>20.49</b>	<b>3.28</b>	<b>0.82</b>	<b>0.00</b>

<b>MECHANICAL ENGINEERING (LAB)</b>							
<b>No. of students = 122</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>MECH 3152: Applied Thermodynamics &amp; Heat Transfer Lab</b>	<b>17</b>	<b>53</b>	<b>33</b>	<b>12</b>	<b>5</b>	<b>2</b>	<b>0</b>
<b>(%)</b>	<b>13.93</b>	<b>43.44</b>	<b>27.05</b>	<b>9.84</b>	<b>4.10</b>	<b>1.64</b>	<b>0.00</b>
<b>MECH 3155: Dynamics of Machines Lab</b>	<b>10</b>	<b>20</b>	<b>48</b>	<b>28</b>	<b>13</b>	<b>2</b>	<b>1</b>
<b>(%)</b>	<b>8.20</b>	<b>16.39</b>	<b>39.34</b>	<b>22.95</b>	<b>10.66</b>	<b>1.64</b>	<b>0.82</b>
<b>MECH 3181/MECH 3182/MECH 3183/MECH 3184: Fluid Power Control Lab/Refrigeration and Air Conditioning Lab/Electrical Machines Lab/RDBMS Lab</b>	<b>18</b>	<b>57</b>	<b>22</b>	<b>5</b>	<b>13</b>	<b>7</b>	<b>0</b>
<b>(%)</b>	<b>14.75</b>	<b>46.72</b>	<b>18.03</b>	<b>4.10</b>	<b>10.66</b>	<b>5.74</b>	<b>0.00</b>

**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)
INCO 3016: Indian Constitution And Civil Society	0	1	63	37	25	1	0
(%)	0.00	0.79	49.61	29.13	19.69	0.79	0.00
CIVL 3101: Structural Analysis - II	18	45	58	4	2	0	0
(%)	14.17	35.43	45.67	3.15	1.57	0.00	0.00
CIVL 3102: Design of R.C.C. Structures	0	12	71	37	6	1	0
(%)	0.00	9.45	55.91	29.13	4.72	0.79	0.00
CIVL 3103: Environmental Engineering	29	72	26	0	0	0	0
(%)	22.83	56.69	20.47	0.00	0.00	0.00	0.00
CSEN 3106: Data Structure & RDBMS	32	63	28	4	0	0	0
(%)	25.20	49.61	22.05	3.15	0.00	0.00	0.00
CIVL 3141: Foundation Engineering	1	9	63	40	10	4	0
(%)	0.79	7.09	49.61	31.50	7.87	3.15	0.00

**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 3152: R.C.C. Design and Detailing Lab	3	22	25	23	30	14	10
(%)	2.36	17.32	19.69	18.11	23.62	11.02	7.87
CIVL 3153: Environmental Engineering Lab	12	27	40	31	11	6	0
(%)	9.45	21.26	31.50	24.41	8.66	4.72	0.00
CSEN 3156: RDBMS Lab	84	43	0	0	0	0	0
(%)	66.14	33.86	0.00	0.00	0.00	0.00	0.00

<b>ELECTRICAL ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 58</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>INCO 3016: Indian Constitution And Civil Society</b>	0	0	25	22	11	0	0
(%)	0.00	0.00	43.10	37.93	18.97	0.00	0.00
<b>ELEC 3101:Electrical Machines - II</b>	4	14	24	16	0	0	0
(%)	6.90	24.14	41.38	27.59	0.00	0.00	0.00
<b>ELEC 3102: Power System - I</b>	31	26	1	0	0	0	0
(%)	53.45	44.83	1.72	0.00	0.00	0.00	0.00
<b>ELEC 3103: Control System</b>	6	35	17	0	0	0	0
(%)	10.34	60.34	29.31	0.00	0.00	0.00	0.00
<b>ELEC 3104: Power Electronics</b>	6	24	22	6	0	0	0
(%)	10.34	41.38	37.93	10.34	0.00	0.00	0.00
<b>ELEC 3141: Digital Signal Processing</b>	0	0	10	36	12	0	0
(%)	0.00	0.00	17.24	62.07	20.69	0.00	0.00

<b>ELECTRICAL ENGINEERING (LAB)</b>							
<b>No. of students = 58</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>ELEC 3151: Electrical Machines - II Lab</b>	14	21	11	8	4	0	0
(%)	24.14	36.21	18.97	13.79	6.90	0.00	0.00
<b>ELEC 3152: Power system - I Lab</b>	4	9	18	27	0	0	0
(%)	6.90	15.52	31.03	46.55	0.00	0.00	0.00
<b>ELEC 3153: Control System Lab</b>	8	15	19	9	7	0	0
(%)	13.79	25.86	32.76	15.52	12.07	0.00	0.00
<b>ELEC 3154: Power Electronics Lab</b>	4	19	18	7	10	0	0
(%)	6.90	32.76	31.03	12.07	17.24	0.00	0.00

**RESULT ANALYSIS - ODD SEM, 2021**  
**4<sup>TH</sup> YEAR - B.TECH (Theory & LAB)**

<b>COMPUTER SCIENCE &amp; ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 217</b>							
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 4101: Principles of Management	6	34	143	32	1	0	1
(%)	2.76	15.67	65.90	14.75	0.46	0.00	0.46
CSEN 4132/CSEN 4133: Cryptography & Network Security/Image Processing	33	106	61	15	2	0	0
(%)	15.21	48.85	28.11	6.91	0.92	0.00	0.00
BIOT 4124/ECEN 4121/MATH 4121/MECH 4124: Biosensor/Software Defined Radio/Methods in Optimization/Engineering Computational Techniques	21	56	107	32	1	0	0
(%)	9.68	25.81	49.31	14.75	0.46	0.00	0.00
AEIE 4127/BIOT 4126/MATH 4126/MECH 4130: Introduction to Embedded System/Biopolymer/Linear Algebra/ Ecology and Environmental Engineering	38	92	74	13	0	0	0
(%)	17.51	42.40	34.10	5.99	0.00	0.00	0.00
CSEN 4111: Compiler Design	2	60	104	48	3	0	0
(%)	0.92	27.65	47.93	22.12	1.38	0.00	0.00

<b>COMPUTER SCIENCE &amp; ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 217</b>							
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 4161 : Compiler Design Lab	44	52	64	22	28	4	3
(%)	20.28	23.96	29.49	10.14	12.90	1.84	1.38
CSEN 4191: Industrial Training / Internship	28	93	75	8	3	5	5
(%)	12.90	42.86	34.56	3.69	1.38	2.30	2.30
CSEN 4195 :Project-I	28	90	64	28	6	0	1
(%)	12.90	41.47	29.49	12.90	2.76	0.00	0.46

<b>INFORMATION TECHNOLOGY (THEORY)</b>							
<b>NO. OF STUDENTS = 63</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>HMTS 4101: Principles of Management</b>	<b>0</b>	<b>23</b>	<b>37</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>36.51</b>	<b>58.73</b>	<b>4.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>INFO 4133: Real Time Systems</b>	<b>3</b>	<b>26</b>	<b>20</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>0</b>
<b>(%)</b>	<b>4.76</b>	<b>41.27</b>	<b>31.75</b>	<b>17.46</b>	<b>3.17</b>	<b>1.59</b>	<b>0.00</b>
<b>INFO 4122: Machine Learning</b>	<b>3</b>	<b>30</b>	<b>23</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>4.76</b>	<b>47.62</b>	<b>36.51</b>	<b>11.11</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 4127/ECEN 4127:Introduction to Embedded System/Ad Hoc Wireless Networks</b>	<b>19</b>	<b>40</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>30.16</b>	<b>63.49</b>	<b>4.76</b>	<b>1.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>INFO 4111: Artificial Intelligence</b>	<b>7</b>	<b>35</b>	<b>19</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>11.11</b>	<b>55.56</b>	<b>30.16</b>	<b>1.59</b>	<b>1.59</b>	<b>0.00</b>	<b>0.00</b>

<b>INFORMATION TECHNOLOGY (LAB)</b>							
<b>NO. OF STUDENTS = 63</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>INFO 4191: Industrial Training / Internship</b>	<b>4</b>	<b>20</b>	<b>23</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>0</b>
<b>(%)</b>	<b>6.35</b>	<b>31.75</b>	<b>36.51</b>	<b>19.05</b>	<b>4.76</b>	<b>1.59</b>	<b>0.00</b>
<b>INFO 4195: Project-I</b>	<b>5</b>	<b>13</b>	<b>20</b>	<b>11</b>	<b>14</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>7.94</b>	<b>20.63</b>	<b>31.75</b>	<b>17.46</b>	<b>22.22</b>	<b>0.00</b>	<b>0.00</b>

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 187</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>HMTS 4101: Principles of Management</b>	4	20	81	62	13	1	6
<b>(%)</b>	2.14	10.70	43.32	33.16	6.95	0.53	3.21
<b>ECEN 4142 / ECEN 4144: Fiber Optic Communication /Ad Hoc Networks &amp; Security</b>	81	66	30	7	0	0	3
<b>(%)</b>	43.32	35.29	16.04	3.74	0.00	0.00	1.60
<b>CSEN 4121/ECEN 4121/ INFO 4121/MATH 4121: Fundamentals of Operating Systems/Software Defined Radio/Fundamentals of Cloud Computing /Methods in Optimization</b>	8	66	69	34	6	0	4
<b>(%)</b>	4.28	35.29	36.90	18.18	3.21	0.00	2.14
<b>AEIE 4126/AEIE 4127/CHEN 4126 /CSEN 4126/ECEN 4126: Optical Instrumentation/Introduction to Embedded System/Industrial Total Quality Management/Intelligent Web and Big Data/Principles of Radar</b>	2	61	101	18	2	0	3
<b>(%)</b>	1.07	32.62	54.01	9.63	1.07	0.00	1.60
<b>ECEN 4111: Micro Electronics and Analog VLSI Design</b>	2	84	77	19	1	1	3
<b>(%)</b>	1.07	44.92	41.18	10.16	0.53	0.53	1.60

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 187</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ECEN 4161: Micro Electronics and Analog VLSI Design Lab</b>	71	62	47	7	0	0	0
<b>(%)</b>	37.97	33.16	25.13	3.74	0.00	0.00	0.00
<b>ECEN 4191: Industrial Training / Internship</b>	66	109	10	1	1	0	0
<b>(%)</b>	35.29	58.29	5.35	0.53	0.53	0.00	0.00
<b>ECEN 4195: Project Stage - I</b>	59	80	48	0	0	0	0
<b>(%)</b>	31.55	42.78	25.67	0.00	0.00	0.00	0.00

**BIOTECHNOLOGY (THEORY)****NO. OF STUDENTS = 58**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>HMTS 4101: Principles of Management</b>	<b>0</b>	<b>35</b>	<b>16</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>60.34</b>	<b>27.59</b>	<b>10.34</b>	<b>1.72</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 4131/BIOT 4132: Biomaterials /Biofertilizers and Biopesticides</b>	<b>16</b>	<b>29</b>	<b>7</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>27.59</b>	<b>50.00</b>	<b>12.07</b>	<b>10.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 4121/BIOT 4122: Proteomics and Protein Engineering/Human Genomics</b>	<b>8</b>	<b>17</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>5</b>	<b>0</b>
<b>(%)</b>	<b>13.79</b>	<b>29.31</b>	<b>15.52</b>	<b>20.69</b>	<b>12.07</b>	<b>8.62</b>	<b>0.00</b>
<b>CHEN 4126/CHEN 4127: Industrial Total Quality Management /Soft Methods in Microstructure Fabrication</b>	<b>5</b>	<b>18</b>	<b>29</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>8.62</b>	<b>31.03</b>	<b>50.00</b>	<b>10.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 4111: Animal Cell Culture and Animal Biotechnology</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>28</b>	<b>15</b>	<b>1</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>1.72</b>	<b>22.41</b>	<b>48.28</b>	<b>25.86</b>	<b>1.72</b>	<b>0.00</b>

**BIOTECHNOLOGY (LAB)****NO. OF STUDENTS = 58**

<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>BIOT 4191: Industrial Training / Internship</b>	<b>33</b>	<b>18</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>56.90</b>	<b>31.03</b>	<b>12.07</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 4195 : Project-I</b>	<b>50</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>86.21</b>	<b>12.07</b>	<b>1.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 60</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>HMTS 4101: Principles of Management</b>	<b>0</b>	<b>1</b>	<b>47</b>	<b>9</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>0.00</b>	<b>1.67</b>	<b>78.33</b>	<b>15.00</b>	<b>5.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 4131/AEIE 4132: Analytical Instrumentation /Soft Computing</b>	<b>4</b>	<b>25</b>	<b>24</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>6.67</b>	<b>41.67</b>	<b>40.00</b>	<b>11.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 4124/CSEN 4121/ INFO 4121: Biosensor/Fundamentals of Operating Systems/Fundamentals of Cloud Computing</b>	<b>12</b>	<b>30</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>20.00</b>	<b>50.00</b>	<b>25.00</b>	<b>5.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CHEN 4126/CSEN 4126/MATH 4126/ MECH 4130: Industrial Total Quality Management /Intelligent Web and Big Data/Linear Algebra/Ecology and Environmental Engineering</b>	<b>6</b>	<b>22</b>	<b>25</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>10.00</b>	<b>36.67</b>	<b>41.67</b>	<b>10.00</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 4111: Introduction to MEMS</b>	<b>10</b>	<b>18</b>	<b>17</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>16.67</b>	<b>30.00</b>	<b>28.33</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 60</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>AEIE 4191: Industrial Training Evaluation</b>	<b>25</b>	<b>27</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>41.67</b>	<b>45.00</b>	<b>13.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 4195: Project-I</b>	<b>30</b>	<b>22</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>(%)</b>	<b>51.72</b>	<b>37.93</b>	<b>12.07</b>	<b>0.00</b>	<b>1.72</b>	<b>0.00</b>	<b>0.00</b>



**CHEMICAL ENGINEERING (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/FC (<40)
<b>HMTS 4101: Principles of Management</b>	0	0	26	33	3	0	2
(%)	0.00	0.00	40.63	51.56	4.69	0.00	3.13
<b>CHEN 4131/CHEN 4132/CHEN 4133:Modern Instrumental Methods of Analysis/Petroleum Refinery Engineering/Environmental Engineering</b>	9	24	15	6	8	2	0
(%)	14.06	37.50	23.44	9.38	12.50	3.13	0.00
<b>AEIE 4121/BIOT 4124 :Instrumentation and Telemetry /Biosensor</b>	10	41	10	2	1	0	0
(%)	15.63	64.06	15.63	3.13	1.56	0.00	0.00
<b>AEIE 4126/BIOT 4126:Optical Instrumentation/Biopolymer</b>	18	33	8	2	1	1	1
(%)	28.13	51.56	12.50	3.13	1.56	1.56	1.56
<b>CHEN 4111: Industrial Process Control &amp; Instrumentation</b>	3	45	12	2	0	0	2
(%)	4.69	70.31	18.75	3.13	0.00	0.00	3.13

**CHEMICAL ENGINEERING (LAB)****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)
<b>CHEN 4151:Design &amp; Simulation Laboratory I</b>	19	21	17	6	0	1	0
(%)	29.69	32.81	26.56	9.38	0.00	1.56	0.00
<b>CHEN 4191:Industrial Training</b>	9	33	19	2	0	0	1
(%)	14.06	51.56	29.69	3.13	0.00	0.00	1.56
<b>CHEN 4195 :Project –I</b>	1	34	19	8	2	0	0
(%)	1.56	53.13	29.69	12.50	3.13	0.00	0.00

<b>MECHANICAL ENGINEERING (THEORY)</b>							
<b>NO. OF STUDENTS = 117</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>HMTS 4101: Principles of Management</b>	6	35	57	19	0	0	0
<b>(%)</b>	5.13	29.91	48.72	16.24	0.00	0.00	0.00
<b>MECH 4141/MECH 4142/MECH 4143/MECH 4144: Maintenance Engineering/Materials Handling/Operations Research/Automobile Engineering</b>	8	35	45	24	4	0	1
<b>(%)</b>	6.84	29.91	38.46	20.51	3.42	0.00	0.85
<b>MECH 4121/MECH 4122/CIVL 4121: CAD / CAM / Micro and Nano Manufacturing/Project Planning and Management</b>	25	45	28	14	5	0	0
<b>(%)</b>	21.37	38.46	23.93	11.97	4.27	0.00	0.00
<b>MECH 4126/MECH 4127/MECH 4128 /CIVL 4126: Renewable Energy Systems/Industrial Robotics/Computational Methods in Engineering/An introduction to Concrete Technology</b>	13	51	35	17	1	0	0
<b>(%)</b>	11.11	43.59	29.91	14.53	0.85	0.00	0.00
<b>MECH 4111: Advanced Manufacturing and Automation</b>	0	10	49	47	11	0	0
<b>(%)</b>	0.00	8.55	41.88	40.17	9.40	0.00	0.00

<b>MECHANICAL ENGINEERING (LAB)</b>							
<b>NO. OF STUDENTS = 117</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>MECH 4161:Advanced Manufacturing and Automation Lab</b>	13	23	35	27	9	9	1
<b>(%)</b>	11.11	19.66	29.91	23.08	7.69	7.69	0.85
<b>MECH 4191:Industrial Training / Summer Internship</b>	80	35	2	0	0	0	0
<b>(%)</b>	68.38	29.91	1.71	0.00	0.00	0.00	0.00
<b>MECH 4195:Project-I</b>	26	64	15	12	0	0	0
<b>(%)</b>	22.22	54.70	12.82	10.26	0.00	0.00	0.00

**CIVIL ENGINEERING (THEORY)****NO. OF STUDENTS = 126**

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA/FC (<40)
<b>HMTS 4101: Principles of Management</b>	<b>13</b>	<b>37</b>	<b>45</b>	<b>20</b>	<b>10</b>	<b>1</b>	<b>0</b>
(%)	<b>10.32</b>	<b>29.37</b>	<b>35.71</b>	<b>15.87</b>	<b>7.94</b>	<b>0.79</b>	<b>0.00</b>
<b>CIVL 4141: Prestressed Concrete Structures</b>	<b>87</b>	<b>28</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(%)	<b>69.05</b>	<b>22.22</b>	<b>8.73</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>CIVL 4146: Advanced Highway and Traffic Engineering</b>	<b>11</b>	<b>92</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
(%)	<b>8.73</b>	<b>73.02</b>	<b>18.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>MECH 4123: Mechanical Handling of Materials</b>	<b>1</b>	<b>5</b>	<b>44</b>	<b>51</b>	<b>23</b>	<b>2</b>	<b>0</b>
(%)	<b>0.79</b>	<b>3.97</b>	<b>34.92</b>	<b>40.48</b>	<b>18.25</b>	<b>1.59</b>	<b>0.00</b>
<b>BIOT 4126/CHEN 4126 /MECH 4129: Biopolymer/Industrial Total Quality Management/Quality Control and Management</b>	<b>16</b>	<b>23</b>	<b>54</b>	<b>26</b>	<b>7</b>	<b>0</b>	<b>0</b>
(%)	<b>12.70</b>	<b>18.25</b>	<b>42.86</b>	<b>20.63</b>	<b>5.56</b>	<b>0.00</b>	<b>0.00</b>
<b>CIVL 4115: Water Resources Engineering</b>	<b>23</b>	<b>70</b>	<b>31</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
(%)	<b>18.25</b>	<b>55.56</b>	<b>24.60</b>	<b>1.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**CIVIL ENGINEERING (LAB)****NO. OF STUDENTS = 126**

Paper Code & Percentage	O (≥ 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
<b>CIVL 4191: Industrial Training / Internship</b>	<b>27</b>	<b>65</b>	<b>28</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>1</b>
(%)	<b>21.43</b>	<b>51.59</b>	<b>22.22</b>	<b>3.17</b>	<b>0.00</b>	<b>0.79</b>	<b>0.79</b>
<b>CIVL 4195: Project-I</b>	<b>45</b>	<b>37</b>	<b>33</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>1</b>
(%)	<b>35.71</b>	<b>29.37</b>	<b>26.19</b>	<b>6.35</b>	<b>0.79</b>	<b>0.79</b>	<b>0.79</b>

**ELECTRICAL ENGINEERING (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/FC (<40)
<b>HMTS 4101: Principles of Management</b>	0	17	41	6	0	0	0
(%)	0.00	26.56	64.06	9.38	0.00	0.00	0.00
<b>ELEC 4131:Advanced Power System</b>	16	35	7	6	0	0	0
(%)	25.00	54.69	10.94	9.38	0.00	0.00	0.00
<b>AEIE 4121/INFO 4121:Instrumentation and Telemetry/Fundamentals of Cloud Computing</b>	1	44	16	3	0	0	0
(%)	1.56	68.75	25.00	4.69	0.00	0.00	0.00
<b>AEIE 4126/CHEN 4126:Optical Instrumentation/Industrial Total Quality Management</b>	1	10	38	15	0	0	0
(%)	1.56	15.63	59.38	23.44	0.00	0.00	0.00
<b>ELEC 4111: Transducers &amp; Sensors</b>	0	31	26	7	0	0	0
(%)	0.00	48.44	40.63	10.94	0.00	0.00	0.00

**ELECTRICAL ENGINEERING (LAB)****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)
<b>ELEC 4191: Industrial Training Evaluation</b>	11	44	7	0	2	0	0
(%)	17.19	68.75	10.94	0.00	3.13	0.00	0.00
<b>ELEC 4195:Project Stage - I</b>	5	24	28	6	0	1	0
(%)	7.81	37.50	43.75	9.38	0.00	1.56	0.00

**RESULT ANALYSIS - ODD SEM, 2021**  
**1<sup>ST</sup> YEAR - M.TECH**

<b>COMPUTER SCIENCE &amp; ENGINEERING (Theory &amp; Lab)</b>							
<b>NO. OF STUDENTS = 3</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>CSEN 5101</b>	0	0	1	2	0	0	0
<b>Advanced Data Structures (% age)</b>	0.00	0.00	33.33	66.67	0.00	0.00	0.00
<b>CSEN 5102</b>	0	0	2	1	0	0	0
<b>Research Methodology and IPR (% age)</b>	0.00	0.00	66.67	33.33	0.00	0.00	0.00
<b>MATH 5101</b>	0	0	3	0	0	0	0
<b>Advanced Discrete Mathematics and Statistical Methods (% age)</b>	0.00	0.00	100.00	0.00	0.00	0.00	0.00
<b>CSEN 5131</b>	0	1	1	1	0	0	0
<b>Professional Elective I (% age)</b>	0.00	33.33	33.33	33.33	0.00	0.00	0.00
<b>CSEN 5141</b>	3	0	0	0	0	0	0
<b>Professional Elective II (% age)</b>	100.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DIMA 5116</b>	0	0	1	2	0	0	0
<b>Disaster Management (% age)</b>	0.00	0.00	33.33	66.67	0.00	0.00	0.00

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>CSEN 5151</b>	1	2	0	0	0	0	0
<b>Advanced Data Structures Lab (% age)</b>	33.33	66.67	0.00	0.00	0.00	0.00	0.00
<b>CSEN 5181</b>	0	0	1	2	0	0	0
<b>Professional Elective - I Lab (% age)</b>	0.00	0.00	33.33	66.67	0.00	0.00	0.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (THEORY &amp; LAB)</b>							
<b>NO. OF STUDENTS = 3</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>ECEN 5101</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Antenna and Radiating Systems (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5102</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Wireless and Mobile Communication (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5103</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Research Methodology and IPR (% age)</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5131</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Professional Elective I (% age)</b>	<b>0.00</b>	<b>66.67</b>	<b>0.00</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5141</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Professional Elective II (% age)</b>	<b>0.00</b>	<b>66.67</b>	<b>0.00</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DIMA 5116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Disaster Management (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>66.67</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>ECEN 5151</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Antenna and Radiating Systems lab (% age)</b>	<b>0.00</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5152</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Wireless and Mobile Communication lab (% age)</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>VLSI (THEORY &amp; LAB)</b>							
<b>NO. OF STUDENTS = 3</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>VLSI 5101</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Digital VLSI IC Design (% age)</b>	<b>33.33</b>	<b>33.33</b>	<b>0.00</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>VLSI 5102</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Embedded Systems Design (% age)</b>	<b>66.67</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ECEN 5103</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Research Methodology and IPR (% age)</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>VLSI 5132</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Professional Elective - 1 (% age)</b>	<b>33.33</b>	<b>66.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>VLSI 5142</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Professional Elective - 2 (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>66.67</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DIMA 5116</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Disaster Management (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>66.67</b>	<b>33.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>VLSI 5151</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Digital VLSI IC Design Lab (% age)</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>VLSI 5152</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Embedded Systems Design Lab (% age)</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>BIOTECHNOLOGY (THEORY &amp; LAB)</b>							
<b>NO. OF STUDENTS = 18</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>BIOT 5101</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>1</b>
<b>Advanced Genetic Engineering (% age)</b>	<b>0.00</b>	<b>16.67</b>	<b>27.78</b>	<b>27.78</b>	<b>22.22</b>	<b>0.00</b>	<b>5.56</b>
<b>BIOT 5102</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>
<b>Physicochemical Techniques in Biotechnology (% age)</b>	<b>0.00</b>	<b>5.56</b>	<b>61.11</b>	<b>11.11</b>	<b>16.67</b>	<b>5.56</b>	<b>0.00</b>
<b>BIOT 5103</b>	<b>2</b>	<b>13</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Research Methodology, Bioethics and IPR (% age)</b>	<b>11.11</b>	<b>72.22</b>	<b>11.11</b>	<b>5.56</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 5131</b>	<b>7</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Prof. Elective 1 (% age)</b>	<b>38.89</b>	<b>55.56</b>	<b>5.56</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BIOT 5141 - 5142</b>	<b>2</b>	<b>12</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Prof. Elective 2 (% age)</b>	<b>11.11</b>	<b>66.67</b>	<b>16.67</b>	<b>0.00</b>	<b>0.00</b>	<b>5.56</b>	<b>0.00</b>
<b>DIMA 5116</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>9</b>	<b>4</b>	<b>1</b>	<b>0</b>
<b>Disaster Management (% age)</b>	<b>0.00</b>	<b>11.11</b>	<b>11.11</b>	<b>50.00</b>	<b>22.22</b>	<b>5.56</b>	<b>0.00</b>

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>BIOT 5151</b>	<b>3</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Advanced Genetic Engineering Lab (% age)</b>	<b>16.67</b>	<b>33.33</b>	<b>33.33</b>	<b>11.11</b>	<b>0.00</b>	<b>5.56</b>	<b>0.00</b>
<b>BIOT 5152</b>	<b>0</b>	<b>7</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>Physicochemical Techniques Lab (% age)</b>	<b>0.00</b>	<b>38.89</b>	<b>50.00</b>	<b>0.00</b>	<b>0.00</b>	<b>11.11</b>	<b>0.00</b>



<b>APPLIED ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (THEORY &amp; LAB)</b>							
<b>NO. OF STUDENTS = 8</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>AEIE 5101</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Advanced Digital Signals and Systems (% age)</b>	<b>12.50</b>	<b>37.50</b>	<b>50.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 5102</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Programming Language for Embedded IOT Systems (% age)</b>	<b>0.00</b>	<b>75.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 5103</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Research Methodology and IPR (% age)</b>	<b>0.00</b>	<b>37.50</b>	<b>50.00</b>	<b>12.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 5133</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Elective - I (% age)</b>	<b>12.50</b>	<b>62.50</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 5141</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Elective - II (% age)</b>	<b>0.00</b>	<b>87.50</b>	<b>12.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DIMA 5116</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Disaster Management (% age)</b>	<b>0.00</b>	<b>25.00</b>	<b>37.50</b>	<b>25.00</b>	<b>12.50</b>	<b>0.00</b>	<b>0.00</b>

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>AEIE 5151</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Digital Signal Processing LAB (% age)</b>	<b>12.50</b>	<b>50.00</b>	<b>37.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>AEIE 5152</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Programming Language LAB (% age)</b>	<b>12.50</b>	<b>87.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>RENEWABLE ENERGY (THEORY &amp; LAB)</b>							
<b>NO. OF STUDENTS = 4</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>REEN 5101</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Renewable Energy Resource and Characteristics (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>25.00</b>	<b>75.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>REEN 5102</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-Solar Renewable Energy (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>50.00</b>	<b>50.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>REEN 5103</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Research Methodology and IPR % age</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>REEN 5141</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Professional Elective I (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>100.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>REEN 5144</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Professional Elective II (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>75.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>
<b>DIMA 5116</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Disaster Management (% age)</b>	<b>0.00</b>	<b>0.00</b>	<b>50.00</b>	<b>25.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>

	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>REEN 5151</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Measurement Analysis Laboratory (% age)</b>	<b>0.00</b>	<b>75.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>REEN 5152</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Power Laboratory (% age)</b>	<b>75.00</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**RESULT ANALYSIS - ODD SEM, 2021**  
**2<sup>ND</sup> YEAR - M.TECH**

<b>COMPUTER SCIENCE &amp; ENGINEERING (THEORY &amp; DISSERTATION)</b>							
<b>No. of students = 25</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>CSEN 6137: Information Retrieval</b>	0	3	19	2	0	0	1
(%)	0.00	12.00	76.00	8.00	0.00	0.00	4.00
<b>MATH 6121: Optimization Techniques</b>	2	0	16	5	1	0	1
(%)	8.00	0.00	64.00	20.00	4.00	0.00	4.00
<b>CSEN 6195 : Dissertation Phase -I</b>	1	5	8	9	1	0	1
(%)	4.00	20.00	32.00	36.00	4.00	0.00	4.00

<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (THEORY &amp; DISSERTATION)</b>							
<b>No. of students = 8</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>ECEN 6132: Internet of Things (IoT) and Applications</b>	1	5	2	0	0	0	0
(%)	12.50	62.50	25.00	0.00	0.00	0.00	0.00
<b>ECEN 6125: Design and Technology for Photonic Integrated Circuits</b>	0	1	3	4	0	0	0
(%)	0.00	12.50	37.50	50.00	0.00	0.00	0.00
<b>ECEN 6195 : Dissertation Phase -I</b>	3	5	0	0	0	0	0
(%)	37.50	62.50	0.00	0.00	0.00	0.00	0.00

<b>VLSI (THEORY &amp; DISSERTATION)</b>							
<b>No. of students = 2</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>VLSI 6132: RF IC Design and MEMS</b>	0	0	0	2	0	0	0
(%)	0.00	0.00	0.00	100.00	0.00	0.00	0.00
<b>ECEN 6125: Design and Technology for Photonic Integrated Circuits</b>	0	0	0	2	0	0	0
(%)	0.00	0.00	0.00	100.00	0.00	0.00	0.00
<b>VLSI 6195 : Dissertation Phase -I</b>	2	0	0	0	0	0	0
(%)	100.00	0.00	0.00	0.00	0.00	0.00	0.00

**BIOTECHNOLOGY (THEORY & DISSERTATION)**

No. of students = 17

Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
BIOT 6121: Engineering Mathematics and Biostatistics	0	9	6	2	0	0	0
(%)	0.00	52.94	35.29	11.76	0.00	0.00	0.00
BIOT 6131/BIOT 6132/BIOT 6133: Modelling and Simulation in Bioprocess/Biopharmaceuticals/Downstream Processing	5	4	4	3	0	1	0
(%)	29.41	23.53	23.53	17.65	0.00	5.88	0.00
BIOT 6195 : Dissertation-I / Industrial Project	13	3	1	0	0	0	0
(%)	76.47	17.65	5.88	0.00	0.00	0.00	0.00

**APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING (THEORY & DISSERTATION)**

No. of students = 7

Paper Code & Percentage	O (>= 90)	E (80-89)	A (70-79)	B (60-69)	C (50-59)	D (40-49)	F/FA (<40)
AEIE 6134: Remote Sensing	2	3	0	1	1	0	0
(%)	28.57	42.86	0.00	14.29	14.29	0.00	0.00
AEIE 6121: Biosignal & Biomedical Image Processing	3	2	1	1	0	0	0
(%)	42.86	28.57	14.29	14.29	0.00	0.00	0.00
AEIE 6195 : Dissertation Phase -I	3	3	1	0	0	0	0
(%)	42.86	42.86	14.29	0.00	0.00	0.00	0.00

**RENEWABLE ENERGY (THEORY & DISSERTATION)**

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 (<40)
REEN 6143: Environment Impact Assessment	4	0	0	0	0	0	0
(%)	100.00	0.00	0.00	0.00	0.00	0.00	0.00
REEN 6122: Safety & Hazards in Energy Industry	0	4	0	0	0	0	0
(%)	0.00	100.00	0.00	0.00	0.00	0.00	0.00
REEN 6195 : Dissertation /Industrial Project - Phase -I	0	2	1	1	0	0	0
(%)	0.00	50.00	25.00	25.00	0.00	0.00	0.00

**RESULT ANALYSIS - ODD SEM, 2021**  
**1<sup>ST</sup> YEAR – MCA**

<b>MASTER OF COMPUTER APPLICATION (THEORY)</b>							
<b>NO. OF STUDENTS = 60</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>MCAP 1101</b>	<b>14</b>	<b>35</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Object Oriented Programming with Java (% age)</b>	<b>23.33</b>	<b>58.33</b>	<b>11.67</b>	<b>5.00</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>
<b>MCAP 1102</b>	<b>4</b>	<b>18</b>	<b>31</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Programming with Python (% age)</b>	<b>6.67</b>	<b>30.00</b>	<b>51.67</b>	<b>11.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>MCAP 1103</b>	<b>0</b>	<b>2</b>	<b>21</b>	<b>29</b>	<b>8</b>	<b>0</b>	<b>0</b>
<b>Artificial Intelligence (% age)</b>	<b>0.00</b>	<b>3.33</b>	<b>35.00</b>	<b>48.33</b>	<b>13.33</b>	<b>0.00</b>	<b>0.00</b>
<b>MATH 1102</b>	<b>8</b>	<b>48</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Mathematical Foundations (% age)</b>	<b>13.33</b>	<b>80.00</b>	<b>3.33</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>	<b>1.67</b>
<b>HMTS 1102</b>	<b>0</b>	<b>41</b>	<b>17</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Oral and Written Communication (% age)</b>	<b>0.00</b>	<b>68.33</b>	<b>28.33</b>	<b>1.67</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>

<b>MASTER OF COMPUTER APPLICATION (LAB)</b>							
<b>NO. OF STUDENTS = 60</b>							
	<b>O (&gt;89)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F (&lt;40)</b>
<b>MCAP 1111</b>	<b>29</b>	<b>19</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Java Programming Lab (% age)</b>	<b>48.33</b>	<b>31.67</b>	<b>10.00</b>	<b>3.33</b>	<b>3.33</b>	<b>3.33</b>	<b>0.00</b>
<b>MCAP 1112</b>	<b>4</b>	<b>18</b>	<b>32</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Python Programming Lab (% age)</b>	<b>6.67</b>	<b>30.00</b>	<b>53.33</b>	<b>10.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>HMTS 1112</b>	<b>13</b>	<b>29</b>	<b>12</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Communication Lab (% age)</b>	<b>21.67</b>	<b>48.33</b>	<b>20.00</b>	<b>8.33</b>	<b>1.67</b>	<b>0.00</b>	<b>0.00</b>

**RESULT ANALYSIS - ODD SEM, 2021**  
**2<sup>ND</sup> YEAR – MCA**

<b>MASTER OF COMPUTER APPLICATION (THEORY)</b>							
<b>NO. OF STUDENTS = 57</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>MCAP 2101: Database Management Systems</b>	3	10	30	9	5	0	0
<b>(%)</b>	5.26	17.54	52.63	15.79	8.77	0.00	0.00
<b>MCAP 2102: Web Technology</b>	3	19	34	1	0	0	0
<b>(%)</b>	5.26	33.33	59.65	1.75	0.00	0.00	0.00
<b>MATH 2102: Introduction to Optimization</b>	19	27	8	2	0	1	0
<b>(%)</b>	33.33	47.37	14.04	3.51	0.00	1.75	0.00
<b>MCAP 2152: Ecommerce &amp; ERP</b>	1	35	16	5	0	0	0
<b>(%)</b>	1.75	61.40	28.07	8.77	0.00	0.00	0.00
<b>MCAP 2161: Automata Theory and Compiler Design</b>	1	8	43	4	1	0	0
<b>(%)</b>	1.75	14.04	75.44	7.02	1.75	0.00	0.00

<b>MASTER OF COMPUTER APPLICATION (LAB)</b>							
<b>NO. OF STUDENTS = 57</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA (&lt;40)</b>
<b>MCAP 2111 : DBMS Lab</b>	3	16	26	9	3	0	0
<b>(%)</b>	5.26	28.07	45.61	15.79	5.26	0.00	0.00
<b>MCAP 2112: Web Technology Lab</b>	4	21	32	0	0	0	0
<b>(%)</b>	7.02	36.84	56.14	0.00	0.00	0.00	0.00
<b>MCAP 2195: Minor Project and Seminar</b>	9	27	21	0	0	0	0
<b>(%)</b>	15.79	47.37	36.84	0.00	0.00	0.00	0.00

**RESULT ANALYSIS - ODD SEM, 2021**  
**3<sup>RD</sup> YEAR – MCA**

<b>MASTER OF COMPUTER APPLICATION (THEORY)</b>							
<b>NO. OF STUDENTS = 54</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>MCAP 3101: Software Engineering</b>	0	7	19	23	3	2	0
<b>(%)</b>	0.00	12.96	35.19	42.59	5.56	3.70	0.00
<b>MCAP 3102: Computer Graphics &amp; Multimedia</b>	0	10	30	9	3	2	0
<b>(%)</b>	0.00	18.52	55.56	16.67	5.56	3.70	0.00
<b>MCAP 3153: Blockchain Technology &amp; Applications</b>	2	17	24	8	2	1	0
<b>(%)</b>	3.70	31.48	44.44	14.81	3.70	1.85	0.00
<b>MCAP 3160: Image Processing</b>	5	28	12	7	2	0	0
<b>(%)</b>	9.26	51.85	22.22	12.96	3.70	0.00	0.00

<b>MASTER OF COMPUTER APPLICATION (LAB)</b>							
<b>NO. OF STUDENTS = 54</b>							
<b>Paper Code &amp; Percentage</b>	<b>O (≥ 90)</b>	<b>E (80-89)</b>	<b>A (70-79)</b>	<b>B (60-69)</b>	<b>C (50-59)</b>	<b>D (40-49)</b>	<b>F/FA/FC (&lt;40)</b>
<b>MCAP 3111: CASE Tools Lab</b>	0	11	27	13	2	1	0
<b>(%)</b>	0.00	20.37	50.00	24.07	3.70	1.85	0.00
<b>MCAP 3195: Minor Project and Seminar</b>	12	30	10	1	0	0	1
<b>(%)</b>	22.22	55.56	18.52	1.85	0.00	0.00	1.85