



# VISVESVARAYA



**COLLEGE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, New Delhi & Govt. of T.S. Accredited with NAAC 'A' Grade, Affiliated to JNTUH, Hyderabad  
Sponsored by : Jawahar Educational Society, An ISO 9001 : 2018 and ISO 14001 : 2015 Certified Institution

### 3.3.2 Provide results of evaluation of PO&PSO(2023-24)

*D. Ravi*

**Principal**

Visvesvaraya College of Engineering & Technology  
M.P. Patelguda (V), Ibrahimpatnam (M),  
Ranga Reddy (Dist), TS-501 510.



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### Department Of Electronics & Communication Engineering

VCET/ECE/2023-24/PO-ATT

PO Attainment (2023-24)

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 11	PO 11	PO 12	PSO 1	PSO 2
<b>II - I</b>														
C201	2.57	2.57	2.22	2.47	2.22	-	-	-	2.37	2.37	-	2.37	2.17	2.37
C202	1.98	2.31	1.98	1.86	1.38	-	-	-	-	1.49	-	1.98	2.15	1.98
C203	1.88	2.35	2.19	2.19	1.88	1.57	-	-	1.96	1.72	-	1.88	2.04	2.04
C204	2.42	2.33	1.86	2.23	2.33	-	-	-	2.6	2.05	-	2.05	2.23	2.05
C205	1.47	1.47	1.87	1.33	1.07	1.33	-	-	1.33	1.07	1.33	1.33	1.33	1.33
C206	2.29	2.1	2.38	2.22	2.29	-	-	2.1	2.29	1.91	-	2.15	2.48	2.48
C207	2.96	1.78	1.58	2.71	2.37	-	-	2.47	2.57	1.78	-	2.96	2.76	2.37
C208	1.57	2.16	2.16	1.97	2.95	-	-	2.95	2.95	1.77	-	1.57	2.56	2.56
<b>II-II</b>														
C210	1.05	1.47	1.8	1.8	1.52	-	-	-	-	1.31	-	1.14	1.8	1.63
c211	1.47	1.33	1.47	1.87	1.47	1.67	-	-	1.33	1.07	-	1.33	1.73	1.87
c212	1.51	0.87	1.28	1.02	1.28	S	-	-	0.97	1.16	0.87	1.39	1.62	1.39
c213	1.98	1.32	1.98	1.54	1.65	-	-	-	1.72	1.58	1.1	1.72	1.72	1.72
c214	2.24	2.57	2.18	2.57	1.87	-	-	-	1.87	2.1	-	2.57	2.33	2.33
c215	1.57	1.77	2.16	2.46	2.36	-	-	1.57	1.97	-	-	2.36	2.36	2.56
c216	2.16	1.76	1.96	2.55	2.55	-	-	2.21	2.55	1.72	-	1.76	2.35	2.74
c217	1.96	2.21	2.16	1.96	2.35	-	-	2.16	2.35	2.35	-	2.16	2.35	2.55

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C218	2.57	2.23	2.23	2.48	2.18	1.39	1.78	1.58	2.97	1.78	2.18	2.97	2.57	2.38
<b>III - I</b>														
c301	2.2	2.02	2.38	2.57	2.38	-	-	-	2.38	1.83	-	2.2	2.02	2.38
c302	1.63	1.28	1.6	1.63	1.31	-	-	-	-	1.28	-	1.17	1.28	1.4
c303	1.39	1.04	1.51	1.62	1.16	-	-	-	1.16	1.74	-	1.28	1.51	1.62
c304	<b>1.34</b>	<b>1.22</b>	<b>1.45</b>	<b>1.56</b>	<b>1.34</b>	<b>0.84</b>	-	-	<b>1.39</b>	<b>1</b>	<b>1.34</b>	-	<b>1.11</b>	<b>1.34</b>
c305	1.4	1.02	1.02	1.63	1.31	-	-	-	1.28	1.17	-	1.52	1.52	1.4
c306	2.36	2.16	2.56	2.75	2.36	-	-	-	2.36	1.77	-	2.46	2.56	2.56
c307	2.35	1.57	2.35	2.7	2.74	-	-	-	2.35	2.94	-	1.96	2.74	2.74
c308	2.35	2.21	2.55	2.94	2.35	2.35	-	-	2.35	1.37	-	2.94	2.55	2.55
<b>III-II</b>														
c310	<b>1.28</b>	<b>1.28</b>	<b>1.39</b>	<b>1.62</b>	<b>1.28</b>	-	-	-	<b>1.45</b>	<b>1.16</b>	-	<b>1.45</b>	<b>1.39</b>	<b>1.28</b>
c311	1.27	1.3	1.27	1.61	1.15	-	-	-	-	1.27	-	1.5	1.38	1.38
c312	<b>1.6</b>	<b>1.37</b>	<b>1.48</b>	<b>1.14</b>	<b>1</b>	-	-	-	<b>1.37</b>	<b>1.25</b>	-	<b>1.14</b>	<b>1.37</b>	<b>1.6</b>
c313	2.16	2.12	2.16	1.54	1.73	-	-	-	1.35	2.31	-	1.85	2	2
c314	<b>1.86</b>	<b>1.39</b>	<b>2.01</b>	<b>2.17</b>	-	<b>1.7</b>	<b>1.55</b>	<b>2.32</b>	-	<b>2.32</b>	-	<b>1.55</b>	<b>1.7</b>	<b>1.86</b>
c315	<b>1.76</b>	<b>1.95</b>	<b>1.95</b>	<b>2.34</b>	<b>2.54</b>	-	-	-	<b>2.54</b>	<b>2.93</b>	-	<b>2.44</b>	<b>2.15</b>	<b>2.54</b>
c316	1.95	1.95	1.95	2.34	2.34	-	-	-	2.15	2.34	-	2.93	2.34	2.15
c317	1.96	2.16	1.96	2.55	2.35	-	-	-	2.35	1.76	-	2.16	2.35	2.55
<b>III-III</b>														
C401	1.63	0.88	1.52	1.6	1.17	-	-	-	-	1.75	1.75	1.4	1.4	1.52
c402	1.63	0.88	1.52	1.6	1.17	-	-	-	-	1.75	1.75	1.4	1.4	1.52
c403	2.75	1.48	2.56	2.7	1.97	-	-	-	-	2.95	2.95	2.36	2.36	2.56
c404	<b>1.63</b>	<b>0.88</b>	<b>1.52</b>	<b>1.6</b>	<b>1.17</b>	-	-	-	-	<b>1.75</b>	<b>1.75</b>	<b>1.4</b>	<b>1.4</b>	<b>1.52</b>
c405	2.75	1.48	2.56	2.7	1.97	-	-	-	-	2.95	2.95	2.36	2.36	2.56
c406	2.77	1.98	1.78	2.38	2.38	-	-	2.97	2.97	1.78	2.31	2.97	2.38	2.77

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c407	2.57	2.23	2.23	2.48	2.18	1.39	1.78	1.58	2.97	1.78	2.18	2.97	2.57	2.38
c408	2.51	2.13	2.51	2.66	2.18	-	-	2.42	-	1.93	-	2.9	2.51	2.51
C409	2.57	2.23	2.23	2.48	2.18	1.39	1.78	1.58	2.97	1.78	2.18	2.97	2.57	2.38
<b>IV - II</b>														
c410	2.57	2.76	2.37	2.76	2.37	-	-	-	-	1.97	2.37	2.37	1.97	1.97
c411	0.94	0.94	1.17	1.17	1.29	0.88	1.17	-	-	1.06	-	-	1.41	1.29
c412	1.78	2.37	2.17	0.99	1.97	-	2.37	2.37	-	1.97	-	-	1.58	1.73
c413	2.57	2.23	2.23	2.48	2.18	-	-	-	-	1.78	-	2.38	1.98	1.78
Average	1.98	1.76	1.94	2.08	1.89	1.45	1.74	2.18	2.1	1.8	1.93	2.04	2.01	2.05

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### Department Of Electronics & Communication Engineering

2023-24/ECE/A-FB

### ALUMNI FEEDBACK ANALYSIS ON POS' & PSOs' FOR AY (2023-24)

Sl. No.	Regd. No.	Name of the Student	Program Outcomes (POs')												PSOs'	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	18BT1A0415	NADIGADDA VENKAT SAI VINIL	3	3	2	3	1	3	2	3	3	3	3	2	2	3
2	18BT1A0417	PESARAGAYALA LOHITH REDDY	3	2	3	3	3	3	3	3	3	3	3	3	3	3
3	18BT1A0420	SURINENI VINAY	3	3	3	2	3	3	3	3	3	3	2	3	3	3
4	19BT1A0401	AGGIDI MANISHA	3	3	3	3	3	2	3	3	2	3	3	3	3	2
5	19BT1A0402	ANUGONDA SHIVA SHANKAR	2	3	3	3	3	3	2	3	3	3	3	2	2	3
6	19BT1A0403	B SAI SWETHA	2	2	3	3	3	2	3	3	3	3	2	3	3	3
7	19BT1A0404	B SAIRAM	3	3	3	3	3	3	3	3	2	3	3	3	3	2
8	19BT1A0405	BANDARI UDAY KUMAR GOUD	3	3	3	3	3	3	3	3	3	2	3	3	3	3
9	19BT1A0406	ENUMULA KAVYA	2	3	3	3	3	3	3	2	3	3	3	3	3	3
10	19BT1A0407	G BHARATHSIMHA REDDY	3	3	2	3	3	3	2	3	3	3	3	2	3	3
11	19BT1A0408	G NIKHIL SAGAR	3	3	3	2	3	3	3	3	3	3	3	3	3	1
12	19BT1A0409	G SAI KUMAR	3	3	3	3	3	3	3	3	2	3	3	2	3	3
13	19BT1A0410	MALLELA PRANAVA	3	3	2	3	3	3	3	3	3	3	3	3	3	3

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		SRI														
14	19BT1A0411	S THARUN KUMAR GOUD	3	3	3	3	3	2	3	3	3	3	2	2	2	3
15	19BT1A0412	SUDHA UPENDAR RAO	3	3	3	3	3	3	2	3	3	2	3	2	3	3
16	20BT5A0401	ADDETLA CHANDRA SHEKAR	3	3	3	3	3	3	3	3	2	3	3	3	3	2
17	20BT5A0402	CHANDALA APARNA	3	3	1	3	3	3	3	3	3	3	3	3	3	3
18	20BT5A0403	CHINTAPALLI SAI KIRAN GOUD	2	3	3	3	3	3	3	3	3	3	3	3	3	3
19	20BT5A0404	GOLLA EKAMBARAM	3	3	3	3	3	3	3	2	3	3	3	3	2	3
20	20BT5A0405	INAPANURI SRINU	3	3	3	3	3	3	3	3	3	3	2	3	3	3
21	20BT5A0406	J ANJANEYULU	3	3	3	3	3	3	2	3	2	3	3	2	3	2
22	20BT5A0407	KAVATI RADHIKA	2	3	3	3	3	3	3	3	3	3	3	3	3	3
23	20BT5A0408	KONEE HARSHAVARDHAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	20BT5A0409	KORRA KALYAN KUMAR	3	2	3	3	3	3	3	3	3	3	3	3	3	3
25	20BT5A0410	M SAI NIKHIL	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	20BT5A0411	N SHRAVANI	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	20BT5A0412	NAGAPURI VENUGOPAL	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	20BT5A0413	NALLAGINNELA ARUN	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	20BT5A0414	UPARY LOKESHWARI	3	3	3	3	3	3	3	3	3	3	3	3	3	2
30	20BT5A0416	YAGALLA HARIPAL	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	20BT5A0417	SAIKIRAN REDDY	3	2	2	3	3	3	3	3	3	3	3	3	3	3
32	20BT5A0418	NALAMADA	3	3	3	3	3	3	3	3	3	3	3	3	2	3

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		UMESH BABU														
33	20BT5A0419	SHAIK ABDUL MUNEEB	3	2	3	3	3	3	3	3	3	3	3	3	3	3
Average Attainment of Pos&PSO			2.85	2.85	2.82	2.94	2.94	2.91	2.85	2.94	2.85	2.94	2.88	2.79	2.85	2.79

*SD*

*SA*

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### Department Of Electronics & Communication Engineering

VCET/ECE/2023-24/EX-FB

### EXIT FEEDBACK ANALYSIS ON POs' & PSOs' FOR AY (2023-24)

Sl. No.	Regd. No.	Name of the Student	Program Outcomes (POs')												PSOs'		
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	
1	20BT1A0401	ALUKA VENU	2	2	3	1	3	3	3	3	3	3	3	3	3	3	2
2	20BT1A0402	CHERUPALLY SNEHA	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3
3	20BT1A0403	E.BHANUPRAKASH	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2
4	20BT1A0404	GORENTLA SAI KUMAR	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
5	20BT1A0405	JATAVATH VAMSHI	3	3	3	2	3	3	3	3	3	3	2	3	3	3	3
6	20BT1A0406	LENKALAPELLY RISHITHA	3	3	3	3	3	2	3	3	3	3	3	3	3	3	1
7	20BT1A0408	SILIVERI SADHANA	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3
8	20BT1A0409	BELDAR KIRAN	2	2	3	3	3	2	3	3	3	3	2	3	3	3	3
9	21BT5A0401	AITHAGONI SOWMYA	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2
10	21BT5A0402	AKUTHOTA MANISHA	3	3	2	3	3	3	3	3	3	2	3	3	3	3	3
11	21BT5A0403	AVUNURI RAJ KUMAR	2	3	3	3	3	3	3	2	3	3	3	3	3	2	3
12	21BT5A0404	KRISHNA GOUTHAM	3	3	2	3	3	3	2	3	3	3	3	2	3	3	3
13	21BT5A0405	BAIRA RAKESH	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
14	21BT5A0406	BANDA VINAY KUMAR	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3
15	21BT5A0407	B. RAMYA KUMARI	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3

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16	21BT5A0408	CHEPURI VINAY CHARY	3	3	3	3	3	2	3	3	3	3	3	2	2	3
17	21BT5A0409	GANJI NIKITHA	3	3	3	3	3	3	3	3	3	2	3	2	3	3
18	21BT5A0410	GOLLA THRIVENI	3	3	3	3	3	3	3	3	2	3	3	3	3	2
19	21BT5A0411	JANNU PRANEETHA	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	21BT5A0413	K.PAVAN KALYAN	3	1	3	3	3	1	3	3	3	3	3	3	3	3
21	21BT5A0414	KATTEKOLLA ASHWINI	3	3	3	3	3	3	3	3	3	3	3	3	2	3
22	21BT5A0415	KOTA SAI MEGHANA	3	3	3	3	3	2	3	3	3	3	3	3	3	3
23	21BT5A0417	MEDA NAVEEN KUMAR	3	3	3	3	3	3	2	3	2	3	3	2	3	2
24	21BT5A0418	MYANA SRIDHAR	3	3	2	3	3	3	3	3	3	3	3	3	3	3
25	21BT5A0419	NAGULANCHA RAMYA	2	2	3	3	3	3	3	3	3	2	3	3	1	3
26	21BT5A0420	PODILA RAJESH	3	3	3	3	3	3	2	3	3	3	3	2	3	3
27	21BT5A0421	RAJA KUMARA SWAMY	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	21BT5A0422	T PAVAN KUMAR	3	3	3	3	2	2	3	3	2	3	2	3	3	3
29	21BT5A0423	THALLAPALLI HARISH	3	3	3	3	3	3	2	2	3	3	3	2	3	3
30	21BT5A0424	V.AKHIL CHARY	3	3	3	3	3	3	3	3	2	2	3	3	3	3
31	21BT5A0425	WAGMARE ROSHINI	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32	21BT5A0428	D.HARSHAVARDHAN	3	1	3	3	3	3	3	3	3	3	2	3	3	3
33	21BT5A0429	C CHANDRA KIRAN	3	3	2	3	3	3	3	3	3	2	2	3	3	3
AVERAGE Attainment of Pos&PSOS			2.82	2.76	2.85	2.88	2.97	2.76	2.88	2.94	2.82	2.85	2.85	2.82	2.79	2.79

SJ

Dr

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### Department Of Electronics & Communication Engineering

VCET/ECE/2023-24/EM-FB

#### STUDENT-EMPLOYER FEEDBACK ANALYSIS ON POS' & PSOs' FOR AY (2023-24)

Sl. No.	Regd. No.	Name of the Student	Program Outcomes (POs')												PSOs'	
			1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	20BT1A0406	LENKALAPELLY RISHITHA	3	3	3	3	3	3	2	3	3	3	3	3	3	3
2	21BT5A0401	AITHAGONI SOWMYA	3	3	3	3	3	3	2	3	3	2	3	3	3	3
3	21BT5A0402	AKUTHOTA MANISHA	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	21BT5A0407	B. RAMYA KUMARI	3	2	3	3	3	3	3	3	3	3	3	3	3	3
5	21BT5A0408	CHEPURI VINAY CHARY	3	3	2	3	3	3	3	3	3	3	3	3	3	3
6	21BT5A0414	KATTEKOLLA ASHWINI	2	3	3	3	3	3	3	2	3	2	3	3	3	3
7	21BT5A0415	KOTA SAI MEGHANA	2	3	3	3	1	3	3	3	3	3	3	3	3	3
8	21BT5A0425	WAGMARE ROSHINI	3	3	3	1	3	3	3	3	2	2	3	3	3	3
9	21BT5A0428	D.HARSHAVARD HAN	3	3	3	3	3	3	3	2	3	3	3	3	3	3
10	21BT5A0429	C CHANDRA KIRAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Average Attainment of Pos & PSOs			2.80	2.90	2.90	2.80	2.70	3.00	2.80	2.70	2.90	2.70	3.00	3.00	3.00	3.00

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29	c313	Embedded System Design	2.16	2.12	2.16	1.54	1.73	-	-	-	-	1.35	2.31	-	1.85	2	2
30	c314	DPPM	1.86	1.39	2.01	2.17	-	1.7	1.55	2.32	-	-	2.32	-	1.55	1.7	1.86
31	c315	Digital Signal Processing Lab	1.76	1.95	1.95	2.34	2.54	-	-	-	-	2.54	2.93	-	2.44	2.15	2.54
32	c316	e-CAD Lab	2.36	1.95	1.95	2.97	2.34	-	-	-	-	2.15	2.34	-	2.93	2.34	2.15
33	c317	Scripting Languages Lab	2.35	2.16	1.96	2.55	2.35	-	-	-	-	2.35	1.76	-	2.16	2.35	2.55
34	c401	Microwave and Optical Communications	2.35	0.88	1.52	1.6	1.17	-	-	-	-	-	1.75	1.75	1.4	1.4	1.52
35	c402	Digital Image Processing	1.63	0.88	1.52	1.6	1.17	-	-	-	-	-	1.75	1.75	1.4	1.4	1.52
36	c403	Network Security and Cryptography	2.75	1.48	2.56	2.7	1.97	-	-	-	-	-	2.95	2.95	2.36	2.36	2.56
37	c404	Professional Practice, Law & Ethics	1.63	0.88	1.52	2.7	1.17	-	-	-	-	-	1.75	1.75	1.4	1.4	1.52
38	c405	POE	2.75	1.48	2.56	2.7	1.97	-	-	-	-	-	2.95	2.95	2.36	2.36	2.56
39	c406	Microwave and Optical Communications Lab	2.77	1.98	1.78	2.38	2.38	-	-	2.97	-	2.97	1.78	2.31	2.97	2.38	2.77
40	c407	Industrial Oriented Mini Project /Summer Internship	2.57	2.23	2.23	2.48	2.18	1.39	2.18	1.58	1.58	2.97	1.78	2.18	2.97	2.57	2.38
41	c408	Seminar	2.51	2.13	2.51	2.66	2.18	-	-	2.42	-	-	1.93	-	2.9	2.51	2.51
42	c409	Project Stage-I	2.57	2.23	2.23	2.48	2.18	1.39	1.78	1.58	1.58	2.97	1.78	2.18	2.97	2.57	2.38
43	c410	WSN	2.57	2.76	2.37	2.76	2.37	-	-	-	-	-	1.97	2.37	2.37	1.97	1.97
44	c411	SOC	2.51	0.94	1.17	2.97	1.29	0.88	1.17	-	-	-	1.06	-	-	2.57	1.29
45	c412	EIA	2.57	2.37	2.17	2.77	1.97	-	2.37	2.37	-	-	1.97	-	-	2.51	1.73
46	c413	PS-II	2.57	2.23	2.23	2.97	2.18	-	-	3	2.97	1.78	-	-	2.38	2.57	1.78
		AVERAGE DIRECT ATTAINMENT	2.067	1.763261	1.944	2.3	1.894	1.451	1.805	2.306	2.29	1.8	1.93	1.93	2.04	2.0672	2.087
		average direct attainment	2.07	1.76	1.94	2.3	1.89	1.45	1.81	2.31	2.29	1.8	1.93	1.93	2.04	2.07	2.09
		20%INDIRECT ATTAINMENT	0.564	0.563182	0.571	0.57	0.579	0.571	0.57	0.576	0.57	0.57	0.57	0.58	0.5712	0.5712	0.568
		80%direct att	1.656	1.408	1.552	1.84	1.512	1.16	1.448	1.848	1.83	1.44	1.54	1.54	1.632	1.656	1.672
		20%INDIRECT ATTAINMENT	0.56	0.56	0.57	0.57	0.58	0.57	0.57	0.58	0.57	0.57	0.57	0.58	0.57	0.57	0.57
		TOTAL	2.54	2.32	2.51	2.65	2.47	2.02	2.21	2.76	2.67	2.33	2.51	2.61	2.58	2.58	2.62
			2.54	2.32	2.51	2.65	2.47	2.02	2.21	2.76	2.67	2.33	2.51	2.61	2.58	2.58	2.62

  
criteria incharge

  
module coordinator

  
programme coordinator

  
D. Ram

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**1 AY 2023-24****1.1 PO Attainments**

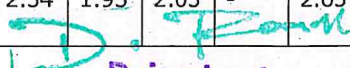
Course Code	Course Name	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
C201	Digital Electronics	2.73	1.95	1.95	1.37	1.56	0.98	-	-	-	-	-	1.47
C202	Data Structures	2.74	2.16	2.16	2.16	2.62	1.96	-	1.96	2.94	2.74	-	2.94
C203	Computer Oriented Statistical Methods	1.57	2.04	1.88	1.72	-	-	-	1.57	-	1.72	-	1.72
C204	Computer Organization and Architecture	2.72	2.13	2.33	1.94	2.91	2.91	2.91	2.67	2.27	2.91	-	2.33
C205	OOPs through JAVA	2.55	2.35	2.35	2.35	1.96	1.96	-	1.96	2.94	2.74	-	2.55
C206	Java Programming Lab	2.35	1.96	2.35	2.16	1.96	1.96	1.57	1.96	1.96	1.96	-	1.96
C207	Data Structures Lab	2.93	1.95	-	2.34	2.54	-	-	1.95	2.15	2.34	-	2.93
C208	SDC (Data Visualization with R Programing)	1.97	2.16	-	1.57	2.75	1.97	-	2.3	1.97	1.97	-	2.46
C209	Discrete Mathematics	1.69	2.3	2.15	1.69	-	1.53	-	-	1.53	1.53	-	1.99
C210	Business Economics & Financial Analysis	2.7	2.12	2.12	1.93	-	1.61	-	2.41	1.61	1.16	2.5	1.93
C211	Operating Systems	2.93	2.54	2.15	1.95	-	1.95	-	-	1.95	2.93	-	2.93
C212	Database Management Systems	2.93	2.15	1.95	1.76	2.93	2.44	-	1.95	2.29	2.15	-	2.15
C213	Software Engineering	2.74	1.96	2.35	2.16	1.96	1.96	-	2.16	1.96	2.16	-	2.55
C214	Operating Systems Lab	2.93	2.93	2.54	2.2	2.54	2.93	-	1.95	2.73	1.95	1.95	1.56
C215	Database Management Systems Lab	2.34	2.15	2.54	1.95	2.15	1.76	-	2.69	2.34	1.56	2.93	2.15
C216	SDC (Node Js)	2.93	1.95	2.93	2.15	2.93	1.95	1.31	1.95	2.34	-	2.29	1.95
C217	Real Time Projects	2.95	1.77	1.97	1.97	2.56	1.97	2.95	1.97	2.95	1.38	1.57	1.97

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PO/PSO Attainment Levels

Course Code	Course Name	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
C301	Formal Languages & Automata Theory	2.13	2.52	2.33	2.52	2.43	-	-	2.43	1.94	2.13	-	2.33
C302	Software Engineering	2.7	1.93	2.31	2.12	1.93	1.93	-	2.89	1.93	2.89	-	2.5
C303	Computer Networks	2.72	2.13	2.33	1.94	2.91	2.91	2.91	2.67	2.27	2.91	-	2.33
C304	Web Technologies	2.53	2.14	2.14	2.14	2.34	1.95	-	2.92	1.95	2.73	1.95	2.92
C305	Professional Elective-I(DA)	2.12	2.7	2.12	1.93	1.93	1.93	-	1.93	1.93	2.31	1.93	2.89
C306	Professional Elective-II(DD)	2.32	2.71	2.32	1.93	-	1.93	-	1.93	1.93	2.51	2.9	2.51
C307	Software Engineering Lab	2.91	2.33	2.33	2.72	2.52	2.18	-	2.91	2.52	2.91	2.91	2.91
C308	Computer Networks & Web Technologies Lab	2.33	2.52	2.91	1.94	2.33	2.91	-	2.91	2.52	1.94	2.91	1.94
C309	Advanced Communication Skills Lab	1.95	1.95	-	1.95	2.43	1.75	-	2.14	2.53	2.92	-	1.95
C310	Machine Learning	2.11	2.88	2.5	2.5	-	2.88	-	2.88	2.88	2.88	1.92	2.88
C311	Compiler Design	2.96	2.37	2.37	1.97	1.97	1.97	-	-	1.97	2.76	-	2.96
C312	Design and Analysis of Algorithms	2.57	2.17	2.57	2.37	-	2.47	-	2.47	1.97	2.17	-	1.97
C313	Professional Elective - III(STM)	2.77	2.77	2.57	1.78	2.97	2.57	-	-	2.32	2.18	-	2.97
C314	Open Elective - I(DPPM)	2.91	2.33	1.94	1.75	-	2.33	2.52	2.27	2.27	2.72	-	2.52
C315	Machine Learning Lab	2.96	2.76	1.97	2.17	2.22	2.96	-	2.96	2.96	2.96	-	2.96
C316	Compiler Design Lab	2.96	1.97	2.57	2.57	2.96	1.97	-	2.76	2.96	2.57	-	2.96
C317	Professional Elective - III Lab(STM Lab)	2.57	2.17	2.17	1.97	2.17	2.57	-	2.63	2.17	2.37	-	2.76
C401	Cryptography & Network Security	2.91	1.94	2.13	1.94	-	2.91	-	2.91	2.27	2.52	-	2.91
C402	Data Mining	2.34	1.72	1.72	1.72	1.56	2.34	-	2.34	1.95	2.03	-	2.03

  
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PO/PSO Attainment Levels

Course Code	Course Name	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
C403	Professional Elective-IV(CC)	2.92	1.95	1.95	1.95	-	2.92	-	2.92	2.28	2.53	-	2.92
C404	Professional Elective - V(SPPM)	2.17	2.17	2.17	1.97	1.97	-	1.65	1.78	1.97	1.18	1.97	1.18
C405	Open Elective-II(POE)	2.54	2.34	1.95	1.56	-	2.15	-	2.54	2.93	2.93	2.34	1.95
C406	Cryptography & Network Security Lab	2.95	2.75	1.97	1.97	2.75	2.95	-	2.95	2.75	2.56	-	2.75
C407	Industrial Oriented Mini Project/ Summer Internship	2.92	2.53	2.34	2.14	1.95	2.92	2.53	-	2.92	2.53	1.75	2.43
C408	Seminar	2.97	2.38	2.57	2.18	1.98	2.97	2.77	2.97	1.98	2.57	-	1.78
C409	Project Stage - I	2.96	2.76	2.57	2.17	1.97	2.96	2.57	2.37	2.96	2.57	1.78	2.47
C410	Organizational Behaviour	2.57	2.57	2.37	2.76	-	2.76	2.96	-	2.96	2.96	2.47	2.96
C411	Professional Elective- VI (DS)	2.53	2.53	1.95	2.14	-	2.92	2.53	2.68	2.68	2.92	-	2.92
C412	Open Elective - III(EIA)	2.94	2.35	2.55	1.76	-	-	2.74	-	-	2.94	-	2.94
C413	Project Stage- II	2.96	2.76	2.57	2.57	1.97	2.96	2.57	2.37	2.96	2.96	1.78	2.47

*D. P. ...*

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## 1.2 PSO Attainment

Course Code	Course Name	PSO 1	PSO 2
C201	Digital Electronics	2.54	2.54
C202	Data Structures	2.74	2.55
C203	Computer Oriented Statistical Methods	1.57	1.57
C204	Computer Organization and Architecture	2.91	2.52
C205	OOPs through JAVA	2.94	2.74
C206	Java Programming Lab	2.94	2.74
C207	Data Structures Lab	2.73	2.54
C208	SDC (Data Visualization with R Programming)	2.16	1.77
C209	Discrete Mathematics	1.84	1.53
C210	Business Economics & Financial Analysis	1.93	-
C211	Operating Systems	2.93	2.15
C212	Database Management Systems	2.34	2.34
C213	Software Engineering	2.74	2.55
C214	Operating Systems Lab	2.93	2.15
C215	Database Management Systems Lab	2.73	2.54
C216	SDC (Node Js)	2.34	2.15
C217	Real Time Projects	2.75	1.57
C301	Formal Languages & Automata Theory	2.72	2.52
C302	Software Engineering	2.7	2.5
C303	Computer Networks	2.91	2.52
C304	Web Technologies	2.92	2.73
C305	Professional Elective-I(DA)	2.5	2.5

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PO/PSO Attainment Levels

Course Code	Course Name	PSO 1	PSO 2
C306	Professional Elective-II(DD)	2.9	2.32
C307	Software Engineering Lab	2.91	2.72
C308	Computer Networks & Web Technologies Lab	2.91	2.72
C309	Advanced Communication Skills Lab	1.95	1.95
C310	Machine Learning	2.88	2.5
C311	Compiler Design	2.96	2.37
C312	Design and Analysis of Algorithms	2.76	2.37
C313	Professional Elective - III(STM)	2.57	2.38
C314	Open Elective - I(DPPM)	0.97	0.97
C315	Machine Learning Lab	2.57	2.57
C316	Compiler Design Lab	2.96	2.37
C317	Professional Elective - III Lab(STM Lab)	2.96	2.57
C401	Cryptography & Network Security	2.91	2.52
C402	Data Mining	2.03	2.03
C403	Professional Elective-IV(CC)	2.92	1.36
C404	Professional Elective - V(SPPM)	2.37	1.78
C405	Open Elective-II(POE)	0.98	0.98
C406	Cryptography & Network Security Lab	2.95	2.75
C407	Industrial Oriented Mini Project/ Summer Internship	2.92	2.92
C408	Seminar	2.97	2.97
C409	Project Stage - I	2.96	2.96
C410	Organizational Behaviour	0.99	0.99
C411	Professional Elective- VI (DS)	2.53	2.73

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## PO/PSO Attainment Levels

Course Code	Course Name	PSO 1	PSO 2
C412	Open Elective -III(EIA)	0.98	0.98
C413	Project Stage-II	2.96	2.76

### 1.3 PO Attainment Level

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Average Direct Attainment	2.61	2.29	2.27	2.05	2.32	2.33	2.46	2.41	2.35	2.41	2.23	2.42
Direct Attainment (80% Of Average Direct Attainment)	2.09	1.83	1.82	1.64	1.86	1.86	1.97	1.93	1.88	1.92	1.78	1.93
Indirect Attainment	2.86	2.83	2.72	2.68	2.88	2.79	2.85	2.84	2.75	2.80	2.78	2.63
Indirect Attainment (20% Of Indirect Attainment)	0.57	0.57	0.54	0.54	0.58	0.56	0.57	0.57	0.55	0.56	0.56	0.53
Overall PO Attainment( 80+20)	2.66	2.40	2.36	2.18	2.43	2.42	2.54	2.50	2.43	2.48	2.34	2.46

### 1.4 PSO Attainment Level

Course	PSO1	PSO2
Average Direct Attainment	2.52	2.27
Direct Attainment (80% Of Average Direct Attainment)	2.02	1.81
Indirect Attainment	2.66	2.66
Indirect Attainment (20% Of Indirect Attainment)	0.53	0.53
Overall PO Attainment( 80+20)	2.55	2.35

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