



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

(Sponsored by Lavu Educational Society)

Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.

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Program Level CO, PO and PSO Attainment

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Program Level Course PO Attainment

Branch: Computer Science and Engineering

AY: 2023-24

S. NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	181AN	Matrices and Calculus	3.1	2.5	2.6	2.3	1.8	1.2	0	0	1.1	1	1.4	1
2	181AA	Applied Physics	2.8	3	3.1	3	2.2	0	1.9	1	0	0	0	1
3	181AP	Programming for Problem Solving	2.6	2.7	2.8	2.8	1	1.6	1	1.2	1	2.7	1	1
4	181AG	Computer Aided Engineering Graphics	1.2	2.1	2.3	1	2	1	1.2	1	1	1.2	1	2
5	18101	Applied Physics Laboratory	3.1	2.8	3.2	3	2	0	2.1	1	0	0	0	1
6	18117	Programming for Problem Solving Lab	1.3	2.2	0	2.8	1	0	2.4	0	2.4	0	1	1.6
7	182AR	Ordinary Differential Equations and Vector Calculus	2.8	2.6	2.4	2	2	1.2	0	0	1	1.3	1.4	1.2
8	181AJ	Engineering Chemistry	2	2	1.5	1.5	1.8	2.5	2.8	3	1	1.6	1.5	1.6
9	181AB	Basic Electrical Engineering	2.4	2.4	2	2	2.2	1.5	1	1.2	1.2	1.2	1.6	3
10	18114	Engineering Workshop	2.4	1.8	2.4	2	1.5	0	2.5	0	2	2.4	0	2.4
11	181AK	English for Skill Enhancement	32.8	1.2	1	1.2	1.2	1.6	1.6	2	2	2.3	2.2	2
12	18113	Engineering Chemistry Lab	1.5	1.2	1	1.4	1.6	2.4	2.8	2	2.2	2.6	2	2.6

S. NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
13	18115	English Language and Communication Skills Laboratory	2.8	2	1	3	3	2.6	2	3	2.8	3	2.8	3
14	18102	Basic Electrical Engineering Lab	2.8	2	1.6	1.6	2.3	1.5	1	1.2	1.6	2	1.4	1.6
15	18215	Python Programming Laboratory	3	1	1	1	1.2	1.8	1.4	2.2	2	2.4	2.2	2
16	18107	Elements of Computer Science & Engineering	1.6	1	1	1.2	1.7	2.6	3	2	2	2.8	2	2.7
17	18213	IT Workshop	3	1	1	1	1.2	1.8	1.4	2.2	2	2.4	2.2	2
18	182AG	Electronic Devices and Circuits	1.6	1	1	1.2	1.7	2.6	3	2	2	2.8	2	2.7
19	CS301PC	Digital Electronics	2.27	2.09	2.37	1.63	1.63	1.24	1.23	1.23	1.50	1.26	2.06	2.05
20	CS302PC	Data Structures	2.90	2.57	2.53	1.87	2.03	1.24	1.24	1.24	2.18	2.30	2.07	1.28
21	CS303PC	Computer Oriented Statistical Methods	2.27	2.09	2.37	1.63	1.63	1.24	1.23	1.23	1.50	1.26	2.06	2.05
22	CS304PC	Computer Organization and Architecture	2.42	2.56	2.06	2.18	1.71	1.24	1.23	1.23	1.71	1.88	2.85	2.36
23	CS305PC	Object Oriented Programming through Java	2.74	2.72	2.69	2.65	2.50	1.24	1.24	1.24	2.41	1.89	1.29	2.84
24	CS306PC	Data Structures Lab	2.25	2.08	2.35	1.63	1.63	1.23	1.24	1.23	1.49	1.26	2.05	2.04
25	CS307PC	Object Oriented Programming through Java Lab	2.85	2.52	2.49	1.84	1.99	1.22	1.24	1.22	2.15	2.28	2.04	1.27

S. NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
26	CS308PC	Data visualization- Power BI	2.07	1.30	2.40	1.61	1.42	1.61	1.23	1.22	1.99	1.71	2.03	2.02
27	CS401PC	Discrete Mathematics	2.27	2.09	2.37	1.63	1.63	1.24	1.23	1.23	1.50	1.26	2.06	2.05
28	SM402MS	Business Economics & Financial Analysis	1.74	0.54	0.50	0.47	0.47	1.49	1.64	1.49	1.94	0.48	1.99	0.49
29	CS403PC	Operating Systems	2.54	2.06	1.88	1.69	1.69	1.41	1.22	1.22	2.36	1.54	1.27	2.02
30	CS404PC	Database Management Systems	2.42	2.56	2.06	2.18	1.71	1.24	1.23	1.23	1.71	1.88	2.85	2.36
31	CS405PC	Software Engineering	2.00	1.85	1.67	1.92	2.08	1.17	1.17	1.19	1.67	1.56	1.61	2.10
32	CS406PC	Operating Systems Lab	2.54	2.06	1.88	1.69	1.69	1.41	1.22	1.22	2.36	1.54	1.27	2.02
33	CS407PC	Database Management Systems Lab	2.42	2.56	2.06	2.18	1.71	1.24	1.23	1.23	1.71	1.88	2.85	2.36
34	CS408PC	Real-time Research Project	2.90	2.72	2.37	2.34	2.03	1.24	1.24	1.24	2.33	2.04	2.23	2.53
35	CS409PC	Node JS	2.90	2.72	2.37	2.34	2.03	1.24	1.24	1.24	2.33	2.04	2.23	2.53
36	CS501PC	Formal Language and Automation Theory	2.05	1.48	1.72	1.55	1.65	1.15	1.14	1.12	1.63	1.31	1.88	2.20
37	CS502PC	Software Engineering	1.82	1.68	1.52	1.74	1.88	1.09	1.10	1.12	1.52	1.43	1.48	1.89
38	CS503PC	Computer Networks	2.14	2.03	1.59	1.63	1.88	1.18	1.16	1.23	1.74	1.87	2.05	1.63

S. NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
39	CS504PC	Web Technologies	1.68	2.42	1.75	1.34	1.86	1.07	1.09	1.06	1.35	1.61	2.02	1.58
40	CS702PC	Principle Of Programming Language	2.11	1.56	1.55	1.43	1.60	1.35	1.14	1.04	1.64	2.05	1.60	1.79
41	CS614PE	Information Retrieval System	2.21	1.65	1.33	1.68	1.16	2.30	1.15	1.15	1.73	1.66	1.88	2.03
42	CS505PC	Software Engineering Lab	2.10	2.24	2.51	2.40	2.33	1.23	1.24	1.23	2.21	1.45	1.79	1.58
43	CS506PC	Web Technologies & Computer Networks Lab	2.40	2.28	2.05	1.86	2.21	1.23	1.24	1.23	1.86	2.19	2.06	1.88
44	EN508HS	Advanced English Communication Lab	1.83	1.31	1.27	1.50	1.24	1.23	1.24	1.23	2.01	2.81	1.28	2.81
45	CS601PC	Machine Learning	2.17	2.03	1.85	1.82	1.84	1.14	1.16	1.15	1.49	1.52	2.14	2.54
46	CS602PC	Compiler Design	2.04	1.88	1.85	1.80	1.66	1.21	1.21	1.21	1.71	1.73	1.85	1.99
47	CS603PC	Design and Analysis of Algorithms	2.30	2.00	1.70	1.40	1.70	1.20	1.20	1.20	1.70	2.00	1.60	1.80
48	CS615PE	Software Testing Methodologies	2.21	2.35	1.86	1.67	1.68	1.22	1.23	1.21	1.22	1.81	2.47	2.46
49	CE600OE	Disaster Preparedness and Planning Management	1.30	1.28	1.75	2.22	1.22	1.20	1.23	1.46	2.72	2.74	1.71	2.00
50	CS604PC	Machine Learning Lab	2.41	2.24	2.05	2.02	2.02	1.23	1.24	1.23	1.63	1.65	2.37	2.82
51	CS605PC	Compiler Design Lab	2.39	2.08	2.51	2.01	1.85	1.23	1.23	1.22	2.01	1.57	2.05	1.88

S. NO	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
52	CS733PE	Software Testing Methodologies Lab	2.25	2.39	1.89	1.70	1.70	1.23	1.24	1.23	1.24	1.84	2.51	2.50
53	CS742PE	Cloud Computing	2.34	2.33	2.29	2.27	1.47	1.21	1.20	1.21	2.35	2.35	1.99	1.25
54	CS734PE	Software Process and project Management	2.01	1.99	2.45	1.67	2.47	1.19	1.20	1.19	1.56	1.69	2.14	1.46
55	CS735PE	Cryptography & Network Security	2.34	2.48	2.19	1.77	1.77	1.20	1.22	1.18	1.96	1.74	1.50	2.13
56	CS701PC	Data Mining	2.38	2.39	2.53	2.71	2.21	1.21	1.18	1.21	1.98	2.53	2.17	2.72
57	MT701OE	Principle of Entrepreneurship	1.70	0.53	0.49	0.47	0.46	1.32	1.47	1.46	1.91	0.49	1.95	0.49
58	CS706PC	Seminar	2.34	2.63	2.64	2.06	2.04	1.51	1.25	1.29	2.06	2.02	2.06	1.28
59	CS751PC	Cryptography & Network Security Lab	2.34	2.48	2.21	1.87	1.85	1.25	1.25	1.29	2.06	1.76	1.54	2.21
60	CS705PC	Project Stage-1	2.33	1.71	2.02	2.31	1.73	1.25	1.25	1.29	1.79	2.28	1.67	1.48
61	CS814PE	Human Computer Interaction	2.06	1.59	1.74	1.82	1.95	1.21	1.21	1.21	1.96	1.80	2.01	2.01
62	MT802OE	Total Quality Management	2.61	2.75	2.11	1.66	2.07	2.08	1.21	1.77	1.95	1.98	2.28	1.25
63	SM801MS	Organizational Behaviour	1.50	1.00	1.00	0.89	0.89	1.50	1.50	2.00	1.96	1.00	2.00	1.00
64	CS801PC	Major Project	2.41	2.56	2.25	1.83	1.82	1.24	1.24	1.23	2.02	1.78	1.54	2.21

Average	2.75	2.01	1.91	1.82	1.74	1.34	1.37	1.29	1.77	1.76	1.81	1.93
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Program Coordinator

HOD

Program Level Course PSO Attainment

Branch: CSE

AY: 2023-24

S. NO	Course Code	Course Name	PSO1	PSO2	PSO3
1	181AN	Matrices and Calculus	2.17	1.63	1.23
2	181AA	Applied Physics	2.38	2.09	1.51
3	181AP	Programming for Problem Solving	2.04	2.12	1.18
4	181AG	Computer Aided Engineering Graphics	2.06	1.88	1.51
5	18101	Applied Physics Laboratory	1.54	1.71	2.08
6	18117	Programming for Problem Solving Lab	1.29	1.3	1.95
7	182AR	Ordinary Differential Equations and Vector Calculus	1.44	1.46	2.13
8	181AJ	Engineering Chemistry	1.29	1.89	1.32
9	181AB	Basic Electrical Engineering	2.07	1.49	1.91
10	18114	Engineering Workshop	1.53	1.55	1.81
11	181AK	English for Skill Enhancement	1.39	1.82	0.7
12	18113	Engineering Chemistry Lab	2.07	2.28	1.91
13	18115	English Language and Communication Skills Laboratory	1.36	1.37	1.91
14	18102	Basic Electrical Engineering Lab	1.72	1.25	1.45
15	18215	Python Programming Laboratory	1.29	1.3	1.95
16	18107	Elements of Computer Science & Engineering	1.44	1.46	2.13
17	18213	IT Workshop	1.29	1.89	1.32
18	182AG	Electronic Devices and Circuits	2.07	1.49	1.91
19	CS301PC	Digital Electronics	1.28	1.61	1.71
20	CS302PC	Data Structures	2.53	2.70	2.88
21	CS303PC	Computer Oriented Statistical Methods	1.28	1.61	1.71

S. NO	Course Code	Course Name	PSO1	PSO2	PSO3
22	CS304PC	Computer Organization and Architecture	2.06	1.77	2.40
23	CS305PC	Object Oriented Programming through Java	2.84	2.55	1.32
24	CS306PC	Data Structures Lab	1.27	1.60	1.70
25	CS307PC	Object Oriented Programming through Java Lab	2.49	2.67	2.84
26	CS308PC	Data visualization- Power BI	1.72	1.59	2.06
27	CS401PC	Discrete Mathematics	1.28	1.61	1.71
28	SM402MS	Business Economics & Financial Analysis	0.50	0.52	2.02
29	CS403PC	Operating Systems	1.72	2.05	2.07
30	CS404PC	Database Management Systems	2.06	1.77	2.40
31	CS405PC	Software Engineering	1.81	1.98	2.00
32	CS406PC	Operating Systems Lab	1.72	2.05	2.07
33	CS407PC	Database Management Systems Lab	2.06	1.77	2.40
34	CS408PC	Real-time Research Project	1.28	1.61	1.47
35	CS409PC	Node JS	1.28	1.61	1.47
36	CS501PC	Formal Language and Automation Theory	1.74	1.48	2.33
37	CS502PC	Software Engineering	1.65	1.81	1.82
38	CS503PC	Computer Networks	1.92	1.59	2.16
39	CS504PC	Web Technologies	1.14	1.91	2.05
40	CS702PC	Principle Of Programming Language	2.21	2.10	2.10
41	CS614PE	Information Retrieval System	1.75	1.77	2.22
42	CS505PC	Software Engineering Lab	2.21	2.39	2.41
43	CS506PC	Web Technologies & Computer Networks Lab	1.74	2.38	2.25
44	EN508HS	Advanced English Communication Lab	2.82	2.85	1.32

S. NO	Course Code	Course Name	PSO1	PSO2	PSO3
45	CS601PC	Machine Learning	1.99	2.03	2.03
46	CS602PC	Compiler Design	1.85	2.01	2.33
47	CS603PC	Design and Analysis of Algorithms	2.00	2.50	2.60
48	CS615PE	Software Testing Methodologies	2.02	2.22	2.36
49	CE600OE	Disaster Preparedness and Planning Management	1.26	1.27	2.66
50	CS604PC	Machine Learning Lab	2.22	2.24	2.26
51	CS605PC	Compiler Design Lab	2.20	2.37	2.55
52	CS733PE	Software Testing Methodologies Lab	2.05	2.27	2.40
53	CS742PE	Cloud Computing	2.46	2.33	2.43
54	CS734PE	Software Process and project Management	1.96	2.27	2.14
55	CS735PE	Cryptography & Network Security	2.60	2.32	2.19
56	CS701PC	Data Mining	2.28	1.95	1.82
57	MT701OE	Principle of Entrepreneurship	0.50	0.53	1.99
58	CS706PC	Seminar	2.25	2.40	2.66
59	CS751PC	Cryptography & Network Security Lab	2.68	2.33	2.19
60	CS705PC	Project Stage-1	1.90	2.48	2.50
61	CS814PE	Human Computer Interaction	2.01	2.33	2.50
62	MT802OE	Total Quality Management	1.24	2.16	2.33
63	SM801MS	Organizational Behaviour	0.96	0.69	2.00
64	CS801PC	Major Project	2.68	2.39	2.26
Average			1.81	1.88	2.02

Program Coordinator

HOD

Program Level CO Attainment

Branch: CSE

AY: 2023-24

S. NO	Course Code	Course Name	CO Attainment
1	181AN	Matrices and Calculus	2.63
2	181AA	Applied Physics	2.55
3	181AP	Programming for Problem Solving	2.64
4	181AG	Computer Aided Engineering Graphics	2.62
5	18101	Applied Physics Laboratory	2.85
6	18117	Programming for Problem Solving Lab	2.94
7	182AR	Ordinary Differential Equations and Vector Calculus	2.52
8	181AJ	Engineering Chemistry	2.68
9	181AB	Basic Electrical Engineering	2.68
10	18114	Engineering Workshop	2.88
11	181AK	English for Skill Enhancement	2.82
12	18113	Engineering Chemistry Lab	2.91
13	18115	English Language and Communication Skills Laboratory	2.86
14	18102	Basic Electrical Engineering Lab	2.73
15	18215	Python Programming Laboratory	2.75
16	18107	Elements of Computer Science & Engineering	2.89
17	18213	IT Workshop	2.87
18	182AG	Electronic Devices and Circuits	2.86
19	CS301PC	Digital Electronics	2.92
20	CS302PC	Data Structures	2.93
21	CS303PC	Computer Oriented Statistical Methods	2.92

S. NO	Course Code	Course Name	CO Attainment
22	CS304PC	Computer Organization and Architecture	2.92
23	CS305PC	Object Oriented Programming through Java	2.93
24	CS306PC	Data Structures Lab	2.89
25	CS307PC	Object Oriented Programming through Java Lab	2.87
26	CS308PC	Data visualization- Power BI	2.86
27	CS401PC	Discrete Mathematics	2.92
28	SM402MS	Business Economics & Financial Analysis	2.77
29	CS403PC	Operating Systems	2.86
30	CS404PC	Database Management Systems	2.92
31	CS405PC	Software Engineering	2.72
32	CS406PC	Operating Systems Lab	2.86
33	CS407PC	Database Management Systems Lab	2.92
34	CS408PC	Real-time Research Project	2.93
35	CS409PC	Node JS	2.93
36	CS501PC	Formal Language and Automation Theory	2.56
37	CS502PC	Software Engineering	2.39
38	CS503PC	Computer Networks	2.61
39	CS504PC	Web Technologies	2.36
40	CS702PC	Principle Of Programming Language	2.45
41	CS614PE	Information Retrieval System	2.61
42	CS505PC	Software Engineering Lab	2.91
43	CS506PC	Web Technologies & Computer Networks Lab	2.90
44	EN508HS	Advanced English Communication Lab	2.90

S. NO	Course Code	Course Name	CO Attainment
45	CS601PC	Machine Learning	2.54
46	CS602PC	Compiler Design	2.80
47	CS603PC	Design and Analysis of Algorithms	2.79
48	CS615PE	Software Testing Methodologies	2.84
49	CE600OE	Disaster Preparedness and Planning Management	2.82
50	CS604PC	Machine Learning Lab	2.91
51	CS605PC	Compiler Design Lab	2.81
52	CS733PE	Software Testing Methodologies Lab	2.90
53	CS742PE	Cloud Computing	2.81
54	CS734PE	Software Process and project Management	2.73
55	CS735PE	Cryptography & Network Security	2.81
56	CS701PC	Data Mining	2.77
57	MT701OE	Principle of Entrepreneurship	2.71
58	CS706PC	Seminar	2.91
59	CS751PC	Cryptography & Network Security Lab	2.91
60	CS705PC	Project Stage-1	2.90
Average			2.80

Program Coordinator

HOD