



NRI INSTITUTE OF TECHNOLOGY

(AUTONOMOUS)

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PO & PSO ATTAINMENTS –

2019-23 BATCH

S.No	COURSE NAME	COURSE CODE	IND EX	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PSO	PSO
				1	2	3	4	5	6	7	8	9	10	11	12	1	2
1	PROFESSIONAL ENGLISH-I	18A1100101	C111	-	-	-	-	-	-	2.86	2.22	2.40	-	2.38	-	1.91	
2	ENGINEERING MATHEMATICS-I	18A1100201	C113	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-
3	APPLIED CHEMISTRY	18A1100205	C118	1.82	1.71	1.86	1.55	-	-	-	2.64	-	-	-	-	-	-
4	FUNDAMENTALS OF ELECTRICAL ENGINEERING	18A1103401	C1114	1.93	1.63	1.32	-	-	-	-	-	-	-	-	-	1.62	1.77
5	ENGINEERING GRAPHICS	18A1103301	C1113	-	-	-	0.98	0.98	-	0.98	-	-	0.98	-	-	-	-
6	ENGLISH COMMUNICATION SKILLS LAB-I	18A1100191	C112	-	-	-	-	-	-	-	-	1.74	1.33	-	1.74	-	-
7	APPLIED CHEMISTRY LAB	18A1100294	C119	1.97	1.48	1.58	1.48	-	-	1.87	-	-	-	-	-	-	-
8	AUTOMATION TOOLS & PROFESSIONAL WORKSHOP	18A1100391	C1118	1.2	0.98	0.98	1.97	1.97	-	-	-	2.46	2.21	2.70	2.46	-	-
9	PROFESSIONAL ENGLISH-II	18A1200101	C121						2.94	1.33	1.96	1.96	2.45		1.96	-	-
10	ENGINEERING MATHEMATICS-II	18A1200201	C123	1.82												-	-
11	APPLIED PHYSICS	18A1200203	C125	1.62	1.48			1.48									
12	PROGRAMMING AND PROBLEM SOLVING WITH C	18A1205301	C1216	2.84	2.74	2.09		2.62							1.96		
13	ELECTRONIC DEVICES AND CIRCUITS	18A1204401	C1215	2.55	1.963	2.57	1.9	-	-	-	1.69	-	-	-	2.65	2.64	2.07
14	ENVIRONMENTAL STUDIES	18A1200801	C1210	-	1.87	1.56	-	-	-	1.48	-	-	-	-	1.87		
15	ENGLISH COMMUNICATION SKILLS LAB-II	18A1200191	C122									0.98	0.98		1.3		
16	APPLIED PHYSICS LAB	18A1200292	C126		2.01		1.99	2.68				2.98					
17	PROGRAMMING AND PROBLEM SOLVING WITH C LAB	18A1205302	C1217	2.8	2.7	2.08		2.56							1.9		
18	COMPLEX VARIABLES AND TRANSFORM TECHNIQUES	18A2100202	C211	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-
19	DIGITAL ELECTRONICS AND LOGIC DESIGN	18A2104201	C212	1.7	1.52	1.71	-	-	-	-	-	-	1.68	-	1.68	2.12	2.49
20	NETWORK ANALYSIS AND	18A2102302	C213	1.58	1.58	-	-	-	-	-	-	-	-	-	1.58	1.60	1.56

	TRANSMISSION LINES																
21	SIGNALS AND SYSTEMS	18A2104401	C214	2.22	1.98	1.48	1.48	1.24	-	-	-	-	-	1.49	-	1.11	1.49
22	DATA STRUCTURES	18A2105601	C215	2.53	1.7	1.7	1.72	-	-	-	-	-	-	-	2.54	1.7	1.72
23	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	18A2100101	C216	1.05	1.02	1.43	-	-	-	2.14	1.43	-	-	2.10	-	-	0.72
24	NETWORK ANALYSIS LAB	18A2102392	C217	2.58	2.587	2.185	-	-	-	-	0.980	-	-	2.920	1.623	-	
25	BASIC SIMULATION LAB	18A2104392	C218	2.90	2.130	1.940	2.910	1.293	-	-	-	-	-	1.940	-	2.425	1.940
26	ELECTRONIC DEVICES AND CIRCUITS LAB	18A2104491	C219	2.55	2.390	2.870	2.385	-	-	-	-	-	2.880	-	2.233	1.757	2.395
27	PROBABILITY THEORY AND STOCHASTIC PROCESS	18A2200202	C220	2.17	2.32	0.88	0.88	-	-	-	-	-	0.87	-	-	-	1.74
28	ELECTRO MAGNETIC THEORY	18A2204301	C221	2.26	1.48	1.48	-	-	-	-	-	-	-	-	-	-	1.99
29	CONTROL SYSTEMS	18A2204302	C222	2.15	1.48	1.62	1.63	1.21	-	-	-	-	1.60	-	-	2.41	-
30	ANALOG AND PULSE CIRCUITS	18A2204401	C223	2.32	2.55	2.5	-	1.68	-	-	-	-	-	-	-	2.53	2.5
31	ANALOG COMMUNICATIONS	18A2204402	C224	2.22	1.83	1.56	-	-	-	1.54	-	-	-	-	-	2.53	2.5
32	OOPS THROUGH JAVA	18A2205602	C225	2.21	1.76	1.75	2.6	-	-	-	-	-	-	-	-	2.17	1.74
33	PROFESSIONAL ETHICS AND HUMAN VALUES	18A2200801	C226	-	-	-	-	-	2.23	0.94	2.19	0.95	-	-	2.3	-	-
34	ANALOG COMMUNICATIONS LAB	18A2204491	C227	2.40	2.707	2.703	1.805	-	-	-	-	-	-	1.805	-	-	2.407
35	ANALOG AND PULSE CIRCUITS LAB	18A2204492	C228	2.71	2.87	2.88	2.89	1.283	-	-	-	-	-	1.92	-	2.88	2.873
36	DIGITAL ELECTRONICS AND LOGIC DESIGN LAB	18A2204493	C229	2.86	2.85	1.9	1.92	-	-	0.95	1.91	1.92	-	1.92	0.95	2.373	2.375
37	LINEAR AND DIGITAL INTEGRATED CIRCUITS	18A3104401	C310	2.63	2.63	2.63	1.76	-	-	-	-	-	-	1.75	-	1.76	2.63
38	DIGITAL COMMUNICATION	18A3104402	C311	1.72	2.16	1.74	2.16	-	-	-	-	-	-	-	-	-	1.72
39	ANTENNAS AND WAVE PROPAGATION	18A3104403	C312	2.44	2.04	2.46	1.64	-	-	-	-	-	-	1.63	-	1.92	2.44
40	COMPUTER ORGANISATION AND ARCHITECTURE	18A3104512	C313	1.92	0.84	1.45	1.92	-	-	-	-	-	-	-	-	1.45	1.92
41	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	18A3104513	C314	2.47	1.64	1.65	2.47	-	-	-	-	-	-	-	-	1.37	2.47
42	PYTHON	18A3112602	C315	2.56	1.67	2.48	2.07	-	-	-	-	-	-	-	-	1.68	2.56

	PROGRAMMING																
43	IPR AND PATENTS	18A3104802	C316	1.85	1.85	-	-	-	-	-	2.77	1.85	-	-	-	1.79	1.85
44	LINEAR AND DIGITAL INTEGRATED CIRCUIT LABORATORY	18A3104491	C317	2.75	2.953	-	1.97	-	-	-	-	-	-	-	-	2.297	2.754
45	DIGITAL COMMUNICATION LABORATORY	18A3104492	C318	1.99	2.48	1.98	1.99	-	-	-	-	-	-	-	-	-	1.99
46	VHDL PROGRAMMING LAB	18A3104493	C319	2.58	2.91	1.94	1.94	-	-	-	-	-	-	-	1.297	1.937	2.583
47	VLSI DESIGN	18A3204401	C321	1.67	1.66	1.03	1.41	0.77	-	-	1.56	-	-	-	-	2.3	-
48	DIGITAL SIGNAL PROCESSING	18A3204402	C322	1.92	1.69	1.18	1.15	1.97	-	-	-	-	-	1.55	1.57	-	1.54
49	MICROPROCESSORS AND MICROCONTROLLERS	18A3204403	C323	2.46	2.18	1.64	-	-	-	-	-	-	-	-	-	2.5	1.65
50	CELLULAR & MOBILE COMMUNICATIONS	18A3204511	C324	2.08	0.91	1.56	1.95	-	-	-	-	-	-	-	-	-	1.59
51	DIGITAL SYSTEM DESIGN	18A3204512	C325	2.18	0.96	1.64	2.18	-	-	-	-	-	-	-	-	2.45	2.04
52	MACHINE LEARNING	18A3212606	C326	1.79	1.8	1.76	1.78	-	-	-	-	-	-	-	-	-	1.49
53	MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	18A3204491	C327	2.57	2.345	2.81	-	-	-	-	-	-	-	-	-	1.41	1.41
54	DIGITAL SIGNAL PROCESSING LABORATORY	18A3204492	C328	-	1.924	1.44	-	1.923	-	-	-	-	-	-	1.92	-	2.082
55	VLSI LABORATORY	18A3204493	C329	2.11	1.303	1.628	1.96	1.95	-	-	-	1.95	-	-	-	2.438	-
56	MICROWAVE ENGINEERING	18A4104401	C410	1.89	1.52	1.53	1.51	-	-	-	-	-	-	-	-	1.39	-
57	OPTICAL COMMUNICATION	18A4105401	C411	2.27	2.62	2.64	2.64	-	-	-	-	-	2.64	0.88	-	2.2	2.17
58	DIGITAL IMAGE PROCESSING	18A4104403	C412	1.97	2.27	1.93	1.79	-	-	-	2.14	-	-	-	2.26	1.79	2.2
59	SATELLITE COMMUNICATIONS & RADAR ENGINEERING	18A4104511	C413	2.46	1.63	1.6	1.63	-	1.6	1.58	-	1.6	-	1.65	1.64	1.76	1.62
60	EMBEDDED SYSTEM DESIGN	18A4104513	C414	2.27	2.26	2.72	2.71	-	-	-	2.73	1.81	2.71	-	1.81	1.82	1.82
61	DATA COMMUNICATIONS	18A4104521	C415	2.17	1.94	2.15	2.16	-	-	-	2.61	-	2.56	-	1.71	-	1.73
62	OPERATING SYSTEMS	18A4104522	C416	1.75	1.96	-	2.13	-	-	-	-	-	2.57	-	1.74	1.73	-
63	INDIAN CONSTITUTION	18A4100803	C417	1.79	2.64	-	-	-	-	-	2.21	1.77	2.44	-	0.88	1.33	1.76
64	MICROWAVE ENGINEERING & OC LAB	18A4104491	C418	2.73	1.925	1.923	1.925	-	-	-	-	-	-	-	-	1.93	-
65	MINI PROJECT	18A4104791	C419	2.38	2.53	2.85	2.85	1.9	0.95	-	1.9	-	2.85	1.9	2.85	2.85	2.85
66	WIRELESS	18A4204511	C421	2.33	1.13	-	-	-	-	-	0.86	-	0.85	-	-	1.68	1.7

	COMMUNICATIONS AND NETWORKS																
67	COMPUTER NETWORKS	18A4204521	C422	2.59	2.56	2.56	2.56	-	-	-	-	-	1.73	-	1.69	2.62	1.28
68	INTERNET OF THINGS AND APPLICATIONS	18A4204522	C423	2.7	1.77	2.66	2.59	1.77	-	1.77	2.66	1.77	2.66	1.77	1.77	1.78	1.74
69	MAIN PROJECT AND SEMINAR	18A4204791	C424	2.23	2.37	2.67	2.67	1.78	1.78	-	1.78	-	2.67	1.78	2.67	2.67	2.67
Total				133.43	118.37	99.740	72.039	34.58	9.5	17	35.25	27.11	38.66	29.18	55.46	84.09	81.25
Mapped Subjects				60	60	51	43	18	5	11	17	15	19	16	29	42	43
Total Subjects				69	69	69	69	69	69	69	69	69	69	69	69	69	69
% Contribution				86.9	86.9	73.9	62.3	26.08	72.4	15.9	24.6	21.7	27.5	23.1	42.02	60.8	62.31
AVG				2.22	1.97	1.96	1.68	1.92	1.9	1.55	2.07	1.81	2.03	1.82	1.91	2	1.89

COURSE OUTCOMES – ATTAINMENT LEVELS

2019-23 BATCH

2019-23 BATCH SEMESTER 1									
A.Y.	Subject	Subject Code	Index	Cos					
				1	2	3	4	5	6
2019-20	PROFESSIONAL ENGLISH-I	18A1100101	C111	2.86	2.76	2.85	2.89	2.86	2.89
	ENGINEERING MATHEMATICS-I	18A1100201	C113	2.75	2.7	2.73	2.72	2.73	2.68
	APPLIED CHEMISTRY	18A1100205	C118	2.76	2.74	2.71	2.79	2.78	2.78
	FUNDAMENTALS OF ELECTRICAL ENGINEERING	18A1103401	C1114	2.91	2.89	2.95	2.95	2.96	2.97
	ENGINEERING GRAPHICS	18A1103301	C1113	2.77	2.76	2.77	2.76	-	-
	ENGLISH COMMUNICATION SKILLS LAB-I	18A1100191	C112	3	2.98	2.97	2.98	2.96	2.96
	APPLIED CHEMISTRY LAB	18A1100294	C119	2.97	2.96	2.94	2.96	2.94	2.94
	AUTOMATION TOOLS & PROFESSIONAL WORKSHOP	18A1100391	C1118	2.96	2.94	2.93	2.94	-	-
2019-23 BATCH SEMESTER 2									
2019-20	PROFESSIONAL ENGLISH-II	18A1200101	C121	2.93	2.89	2.89	2.93	2.89	2.51
	ENGINEERING MATHEMATICS-II	18A1200201	C123	2.66	2.63	2.65	2.66	2.6	2.61
	APPLIED PHYSICS	18A1200203	C125	2.98	2.96	2.95	2.96	2.95	2.95
	PROGRAMMING AND PROBLEM SOLVING WITH C	18A1205301	C1216	2.91	2.89	2.95	2.95	2.96	2.97
	ELECTRONIC DEVICES AND CIRCUITS	18A1204401	C1215	2.57	2.47	2.58	2.43	2.38	2.41
	ENVIRONMENTAL STUDIES	18A1200801	C1210	2.87	2.81	2.86	2.91	2.92	2.91
	ENGLISH COMMUNICATION SKILLS LAB-II	18A1200191	C122	2.93	2.92	2.9	2.92	2.9	2.9
	APPLIED PHYSICS LAB	18A1200292	C126	3	2.99	2.97	2.99	2.97	2.97
	PROGRAMMING AND PROBLEM SOLVING WITH C LAB	18A1205302	C1217	2.97	2.96	2.94	2.96	2.94	2.94
2019-23 BATCH SEMESTER 3									
2020-21	COMPLEX VARIABLES AND TRANSFORM TECHNIQUES	18A2100202	C211	2.07	2.02	2.03	2.15	2.03	2.06
	DIGITAL ELECTRONICS AND LOGIC DESIGN	18A2104201	C212	2.48	2.59	2.44	2.56	2.57	2.53
	NETWORK ANALYSIS AND TRANSMISSION LINES	18A2102302	C213	2.4	2.38	2.34	2.37	2.37	2.34
	SIGNALS AND SYSTEMS	18A2104401	C214	2.4	2.25	2.21	2.24	2.18	2.2

	DATA STRUCTURES	18A2105601	C215	2.58	2.69	2.9	2.76	2.86	3
	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	18A2100101	C216	2.06	2.07	2.02	2.14	2.13	2.1
	NETWORK ANALYSIS LAB	18A2102392	C217	2.93	2.89	2.94	2.82	2.85	2.92
	BASIC SIMULATION LAB	18A2104392	C218	2.9	2.87	2.9	2.9	2.9	2.9
	ELECTRONIC DEVICES AND CIRCUITS LAB	18A2104491	C219	2.87	2.84	2.86	2.85	2.85	2.87
2019-23 BATCH SEMESTER 4									
2020-21	PROBABILITY THEORY AND STOCHASTIC PROCESS	18A2200202	C220	2.61	2.55	2.57	2.62	2.62	2.6
	ELECTRO MAGNETIC THEORY	18A2204301	C221	2.25	2.24	2.21	2.21	2.23	2.16
	CONTROL SYSTEMS	18A2204302	C222	2.44	2.45	2.42	2.4	2.39	2.37
	ANALOG AND PULSE CIRCUITS	18A2204401	C223	2.53	2.55	2.48	2.5	2.52	2.46
	ANALOG COMMUNICATIONS	18A2204402	C224	2.4	2.4	2.32	2.3	2.3	2.31
	OOPS THROUGH JAVA	18A2205602	C225	2.68	2.68	2.66	2.6	2.61	2.57
	PROFESSIONAL ETHICS AND HUMAN VALUES	18A2200801	C226	2.82	2.83	2.8	2.75	2.76	2.74
	ANALOG COMMUNICATIONS LAB	18A2204491	C227	2.7	2.69	2.71	2.69	2.7	2.7
	ANALOG AND PULSE CIRCUITS LAB	18A2204492	C228	2.86	2.87	2.88	2.85	2.88	2.86
	DIGITAL ELECTRONICS AND LOGIC DESIGN LAB	18A2204493	C229	2.85	2.84	2.86	2.82	2.84	2.84
2019-23 BATCH SEMESTER 5									
2021-22	LINEAR AND DIGITAL INTEGRATED CIRCUITS	18A3104401	C310	2.62	2.63	2.6	2.64	2.65	2.62
	DIGITAL COMMUNICATIONS	18A3104402	C311	2.58	2.61	2.57	2.62	2.62	2.57
	ANTENNAS AND WAVE PROPAGATION	18A3104403	C312	2.42	2.41	2.42	2.46	2.47	2.45
	COMPUTER ORGANIZATION AND ARCHITECTURE	18A3104512	C313	2.17	2.17	2.15	2.21	2.08	2.16
	ELECTRONIC MEASUREMENTS AND INSTRUMENTATION	18A3104513	C314	2.44	2.44	2.47	2.47	2.54	2.43
	PYTHON PROGRAMMING	18A3112602	C315	2.56	2.55	2.51	2.47	2.48	2.48
	IPR AND PATENTS	18A3104802	C316	2.84	2.85	2.85	2.68	2.68	2.68
	LINEAR AND DIGITAL INTEGRATED CIRCUIT LABORATORY	18A3104491	C317	2.93	2.95	2.95	2.94	2.94	2.94
	DIGITAL COMMUNICATION LABORATORY	18A3104492	C318	2.97	2.96	2.97	2.97	2.97	2.96
	VHDL PROGRAMMING LAB	18A3104493	C319	2.88	2.9	2.91	2.9	2.9	2.88

POs attainment levels for Batch 2019 – 2023 (LYG)

Batch 2018 – 2022 (LYG)	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.22	1.97	1.96	1.68	1.92	1.9	1.55	2.07	1.81	2.03	1.82	1.91
PE Survey	2.4	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.7	2.6	2.7	2.6
Alumni survey	2.6	2.6	2.6	2.4	2.6	2.6	2.6	2.5	2.6	2.5	2.6	2.6
Final Po Attainment	2.28	2.1	2.09	1.84	2.06	2.05	1.77	2.16	1.98	2.13	1.99	2.05

PSOs attainment levels for Batch 2019 – 2023 (LYG)

Batch 2018 – 2022 (LYG)	PSO 1	PSO 2
DIRECT ATTAINMENT	2	1.89
PE Survey	2.6	2.5
Alumni survey	2.4	2.5
Final Attainment	2.1	2.01


 Head, ECE Department
 NRI Institute of Technology
 POTHAVARAPPADU (Vill)
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING PO & PSO ATTAINMENTS - BATCH WISE

2019-23 BATCH

S.No	COURSE NAME	COURSE CODE	INDEX	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PO	PSO	PSO
				1	2	3	4	5	6	7	8	9	10	11	12	I	II
1.	PROFESSIONAL ENGLISH-I	18A1100101	C111	-	-	-	0.81	-	2.5	2.5	2.5	1.64	1.51	-	1.09	0.823	1.65
2.	ENGLISH COMMUNICATION SKILLS LAB-I	18A1100191	C112	1.85	1.04	1.55	-	-	-	-	-	-	-	-	-	0.63	0.63
3.	ENGINEERING MATHEMATICS I	18A1100201	C113	2.06	1.14	0.96	0.70	0.71	1.92	1.94	-	-	-	2.02	1.94	1.79	1.52
4.	APPLIED CHEMISTRY	18A1100205	C114	0.91	0.84	0.83	0.82	0.54	-	-	-	-	-	-	-	0.61	0.61
5.	APPLIED CHEMISTRY LAB	18A1100294	C115	2.06	1.42	0.78	-	-	2.31	2.31	2.3	-	-	2.19	2.31	-	1.54
6.	ENVIRONMENTAL STUDIES	18A1100801	C116	1.86	0.62	-	0.62	-	-	-	1.8	-	-	1.84	-	1.13	1.14
7.	FUNDAMENTALS OF ELECTRICAL ENGINEERING	18A1102301	C117	-	-	-	-	-	2.37	-	-	1.58	1.84	-	2.235	-	0.79
8.	ENGINEERING GRAPHICS	18A1103301	C118	1.41	1.8	1.28	1.8	1.15	-	-	-	-	-	-	-	1.67	1.41
9.	PROFESSIONAL ENGLISH-II	18A1200101	C119	2.34	0.79	2.35	0.79	0.79	2.35	2.34	2.3	1.876	-	-	2.34	2.186	2.08
10.	ENGLISH COMMUNICATION SKILLS LAB-II	18A1200191	C121	-	-	-	-	-	0.76	0.76	-	0.745	0.75	-	1.13	0.76	0.75

59.	LINEAR INTEGRATED CIRCUITS AND APPL	18A4104609	C417	1.65	1.65	1.51	1.24	-	-	-	-	-	-	-	-	1.65	1.65
60.	TERM PAPER	18A4102791	C418	1.08	1.05	1	-	1.05	1.12	1.09	-	-	-	-	-	1.07	1.07
61.	TECHNICAL SEMINAR	18A4102792	C419	2	2	2	2	2	-	-	-	-	-	-	-	2	2
62.	POWER SYSTEMS LAB	18A4102491	C410	3	3	3	-	-	-	-	-	3	-	-	-	3	3
63.	ELECTRICAL ENGINEERING WORKSHOP	18A4102492	C411	1.76	1.81	-	-	-	-	-	-	1.96	-	-	-	1.88	2.21
64.	ENERGY AUDIT CONSERVATION & MANAGEMENT	18A4202512	C421	2.77	2.77	2.77	2.77	2.77	2.77	-	2.8	-	2.77	2.77	2.77	2.77	2.77
65.	SPECIAL ELECTRICAL MACHINES	18A4202522	C422	2.32	1.755	2.11	-	-	-	-	-	-	-	-	-	1.783	1.776
66.	PROJECT	18A4202791	C423	2	2	2	2	2	-	-	-	-	-	-	-	2	2
Total				116.63	108.3	89.03	86.94	50	29.75	15.62	12.9	27.8	11.7	15	25.92	102.47	88.46
Mapped Subjects				55	56	47	46	27	15	8	6	15	7	8	14	52	46
Total Subjects				66	66	66	66	66	66	66	66	66	66	66	66	66	66
% Contribution				83.33	84.84	71.21	69.69	50	22.72	12.12	9.09	22.72	10.61	12.1	21.21	78.78	69.69
AVERAGE				2.12	1.95	1.89	1.91	1.85	1.98	1.95	2.1	1.85	1.67	1.88	1.85	1.97	1.92



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19 batch

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Program Outcomes Attainment for all the courses of 2019-23

S.NO	Course Code	Subject Code	SUBNAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	CU11	18AT100101	English	-	-	-	-	-	2.83	2.20	2.36	-	2.36	-	1.89
2	CU12	18AT100201	EM-1	1.77	-	-	-	-	-	-	-	-	-	-	-
3	CU13	18AT100203	AP	1.84	1.84	-	-	-	-	-	-	-	-	-	-
4	CU14	18AT100301	FPSC	2.54	2.40	1.97	-	-	-	-	-	-	-	-	1.80
5	CU15	18AT100302	EG	-	-	-	0.98	0.96	-	-	-	-	0.98	-	-
6	CU16	18AT100197	ECS Lab	-	-	-	-	-	-	-	-	1.74	1.33	-	1.99
7	CU17	18AT100292	AP Lab	-	1.99	-	1.99	2.98	-	-	-	2.98	-	-	-
8	CU18	18AT100392	FPSC Lab	2.96	2.82	2.16	-	2.00	-	-	-	-	-	-	2.00
9	CU19	18AT100301	ES	-	1.94	0.97	-	-	-	2.91	-	-	-	-	1.94
10	CU21	18AT200101	FE-II	-	-	-	-	-	2.94	2.94	1.96	1.96	2.55	-	1.96
11	CU22	18AT200201	EN-II	1.59	-	-	-	-	-	-	-	-	-	-	-
12	CU23	18AT200205	AC	1.30	1.73	1.44	1.44	-	-	2.60	-	-	-	-	-
13	CU24	18AT200301	DOPS-I	2.24	2.06	1.65	-	-	-	-	-	-	-	-	1.49
14	CU25	18AT200301	FEI	2.24	2.09	1.64	-	-	-	-	-	-	-	-	1.49
15	CU26	18AT200191	ECS LAB-IF	-	-	-	-	-	-	-	-	1.71	1.22	-	2.19
16	CU27	18AT200204	AG LAB	1.99	1.66	1.19	1.49	-	-	1.99	-	-	-	-	-
17	CU28	18AT200301	ATDOLS	1.00	1.25	1.00	1.50	1.00	-	-	-	-	1.00	1.00	-
18	CU29	18AT200301	DOPS II LAB	2.93	2.75	2.11	-	1.95	-	-	-	-	1.62	-	1.95
19	CU31	18AT200303	DOPS	2.04	2.18	2.29	2.05	-	-	-	-	-	-	-	-
20	CU32	18AT200301	DOPS	2.06	2.20	2.31	2.05	-	-	-	-	-	2.42	-	1.62
21	CU33	18AT200302	DOPS	2.02	2.15	2.26	2.05	2.42	-	-	-	-	-	-	1.75
22	CU34	18AT200303	DOPS	2.19	2.34	2.45	2.05	-	-	-	-	-	-	-	1.95
23	CU35	18AT200301	DOPS LAB	2.91	2.73	2.15	2.11	1.95	1.96	-	-	-	-	1.94	1.94
24	CU36	18AT200301	DOPS LAB	2.89	2.67	2.19	2.13	1.94	1.95	-	-	-	-	1.94	1.94
25	CU37	18AT200301	DOPS LAB	2.92	2.74	2.15	2.11	1.95	1.97	-	-	-	-	1.95	1.95
26	CU38	18AT200301	DOPS LAB	2.91	2.73	2.15	2.11	1.95	1.96	-	-	1.95	-	1.95	1.94
27	CU39	18AT200301	DOPS	2.04	2.17	2.28	2.05	-	-	-	-	-	-	-	-
28	CU40	18AT200301	DOPS	2.06	2.20	2.31	2.05	-	-	-	-	-	-	-	-
29	CU41	18AT200301	DOPS	2.11	2.25	2.36	2.05	-	-	-	-	-	-	-	-
30	CU42	18AT200301	DOPS	2.04	2.17	2.28	2.05	-	-	-	-	-	-	-	-

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C223	18A2205402	SE	2.05	2.18	2.29	2.05	-	-	-	1.64	1.64	1.64	1.64	1.64
C224	18A2205403	CO	2.05	2.45	2.18	2.05	-	-	-	-	-	-	-	-
C225	18A2204601	MPA	1.59	1.59	1.59	2.05	-	-	-	-	-	1.59	1.59	-
C226	18A2205491	WTI LAB	2.91	2.73	2.15	2.11	1.95	1.96	-	-	-	-	1.95	1.95
C227	18A2205991	A&P	2.74	2.58	2.03	1.99	1.84	1.85	-	-	-	-	1.84	1.83
C228	18A2205901	MINI PROJECT	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C311	18A3105491	ADS	2.18	2.32	2.44	2.05	1.74	-	-	-	-	-	2.18	-
C312	18A3105402	CN	2.44	2.35	2.35	2.05	-	-	-	-	-	-	2.35	2.82
C313	18A3105403	FLAT	1.82	1.90	1.82	2.05	1.90	-	-	-	-	-	-	-
C314	18A3105513	DWDM	2.23	2.23	1.98	2.05	2.23	-	-	-	-	-	-	-
C315	RT21052	IR	1.76	1.84	1.76	2.05	1.84	-	-	-	-	1.47	1.47	1.96
C316	18A3105492	CN LAB	2.96	2.62	1.95	1.97	1.97	1.95	-	-	-	-	1.97	1.98
C317	18A3105491	ADS LAB	2.91	2.73	2.15	2.11	1.95	1.96	-	-	-	-	1.95	1.95
C318	18A3105402	BSC	2.44	2.35	2.35	2.05	-	-	-	-	-	-	2.35	2.82
C319	18A3105791	CC LAB	2.90	2.72	-	-	1.94	1.96	-	-	-	-	1.94	1.94
C321	18A3205401	OS	1.77	1.97	2.04	2.05	1.57	0.00	-	-	-	-	-	1.57
C322	18A3205402	DAA	2.37	2.37	2.37	2.05	-	-	-	-	-	-	-	-
C323	18A3205403	CD	2.14	2.14	2.25	2.05	-	-	-	-	-	-	-	-
C324A	18A3205511	ADBMS	2.02	1.51	1.51	2.05	1.51	-	-	-	1.51	-	2.27	-
C324B	18A3205512	UMIDP	2.12	1.99	2.12	2.05	1.59	-	-	-	1.59	-	1.59	-
C325A	18A3205523	STM	2.25	-	-	2.05	2.25	-	-	2.25	2.25	2.25	-	-
C325B	18A3205524	CCAD	2.11	2.11	2.21	2.05	-	-	-	-	-	-	-	-
C326	18A3205404	AT	2.12	2.12	2.23	2.05	-	-	-	1.59	1.59	1.59	1.59	1.59
C327	18A3205491	OS&UNIX LAB	2.89	2.72	2.14	2.10	1.94	1.96	-	-	-	-	1.94	1.94
C328	18A3205492	PRO LAB	2.89	2.71	2.13	2.10	1.93	1.95	-	1.93	1.95	-	1.94	1.93
C329	18A3205991	AB	2.76	-	2.17	2.08	1.85	1.86	-	2.32	1.86	2.73	1.85	1.85
C3210	18A3205791	BACKTION	2.89	2.66	2.26	2.17	1.93	1.94	-	1.93	1.95	-	1.93	1.93
C3211	18A3205401	ESS	2.16	2.16	2.27	2.05	-	-	-	1.62	2.43	2.43	2.43	2.03
C411	18A4100101	MEFA	1.68	2.01	-	2.05	-	-	2.01	2.01	-	1.79	-	1.88
C412	18A4105401	CNS	2.28	2.15	2.28	2.05	-	2.15	-	2.28	-	-	-	2.03
C413	18A4105511	NLP	2.46	2.31	2.60	2.05	-	2.46	-	2.60	-	-	-	2.31
C414	18A4105523	IT	2.38	2.24	2.52	2.05	2.38	-	-	2.52	-	1.68	1.68	2.24
C415	18A4105403	OR	2.38	2.24	-	2.05	2.38	-	-	2.52	-	1.68	1.68	2.24
C416	18A4105491	AT LAB	2.90	2.74	2.10	2.10	1.93	-	-	1.93	1.93	-	-	1.93
C417	18A4105492	PRO LAB	2.90	2.74	2.10	2.10	1.94	1.95	1.95	1.95	1.95	1.91	1.93	1.93
C418	18A4105492	PRO LAB	2.90	2.75	2.10	2.10	1.94	1.96	-	-	-	-	1.94	1.94

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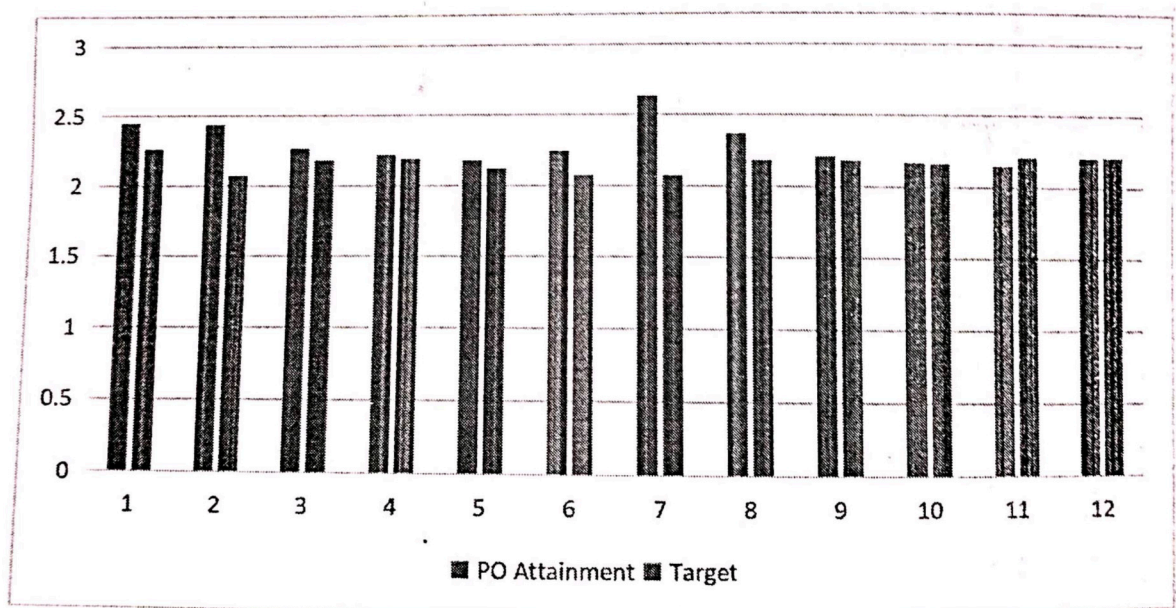
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67	C419	18A4100804	RM	1.72	2.94	-	2.05	-	-	2.94	2.94	-	2.61	-	2.45
68	C421	18A4205513	SNS	2.46	2.19	2.05	2.05	-	-	-	-	-	-	-	3.00
69	C422	18A4203606	NT	2.54	2.40	1.84	-	-	-	-	-	-	-	-	1.70
70	C423	18A42057691	MP	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

	2.33	2.31	2.10	2.04	1.99	2.07	2.55	2.23	2.03	1.99	1.95	2.02
	2.93	2.94	2.94	2.92	2.93	2.93	2.94	2.9	2.89	2.8	2.9	2.91
	2.94	2.96	2.93	2.91	2.93	2.95	2.94	2.95	2.96	2.93	2.94	2.95
	2.449	2.437	2.267	2.218	2.176	2.242	2.631	2.368	2.210	2.168	2.146	2.204
	2.26	2.07	2.18	2.19	2.12	2.07	2.07	2.18	2.18	2.16	2.21	2.21



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Program Specific Outcomes Attainment for all the courses of 2019-23

S.NO	Course Code	SUBJECT CODE	SUB NAME	PSO1	PSO2	PSO3
1	CI11	18A1100101	English	-	-	-
2	CI12	18A1100201	EM-I	-	-	-
3	CI13	18A1100203	AP	-	-	-
4	CI14	18A1105301	PPSC	1.92	1.8	1.6
5	CI15	18A1103302	EG	-	-	-
6	CI16	18A1100191	ECS Lab	-	-	-
7	CI17	18A1100292	AP Lab	-	-	-
8	CI18	18A1105392	PPSC Lab	2.2	2.21	1.98
9	CI19	18A1100801	PS	-	-	-
10	CI21	18A1200101	PE-II	-	-	-
11	CI22	18A1200201	EM-II	-	-	-
12	CI23	18A1200205	AC	-	-	-
13	CI24	18A1205401	OOPS J	1.61	1.54	1.75
14	CI25	18A1202301	FEP	-	-	-
15	CI26	18A1200191	ECS LABB-II	-	-	-
16	CI27	18A1200294	AC LAB	-	-	-
17	CI28	18A1205391	ATTOOLS	2.08	1.89	1.62
18	CI29	18A1205491	OOPS J LAB	1.9	1.82	2.1
19	C211	18A2105402	DMS	1.63	1.63	1.63
20	C212	18A2105401	DS	1.65	1.65	1.65
21	C213	18A2105402	DBMS	2.15	2.15	2.15
22	C214	18A2105403	DLD	2.34	2.34	2.34
23	C215	18A2105391	IOT LAB	2.89	2.435	1.94
24	C216	18A2105491	DS LAB	2.87	1.95	1.93
25	C217	18A2105492	DBMS LAB	2.895	2.44	1.95
26	C218	18A2105493	PP LAB	2.885	2.44	1.94
27	C219	18A2100604	PSY	1.63	1.63	1.63
28	C2110	18A2100801	PEH	1.59	1.59	1.59
29	C221	18A2200201	P&S	1.69	1.69	1.69

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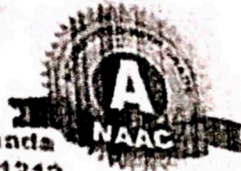
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30	C222	18A2205401	WI	1.63	1.63	1.63
31	C223	18A2205402	SE	2.2	2.4	2.5
32	C224	18A2205403	CO	2.32	2.45	2.45
33	C225	18A2204601	MPA	1.59	2.39	2.39
34	C226	18A2205491	WT LAB	2.89	2.44	1.94
35	C227	18A2205991	A&P	2.72	2.3	1.83
36	C228	18A2205901	MINI PROJECT	3	3	3
37	C311	18A3105491	ADS	1.74	1.89	1.89
38	C312	18A3105402	CN	2.82	2.82	2.82
39	C313	18A3105403	FLAT	1.71	2.03	2.28
40	C314	18A3105513	DWDM	1.86	2.23	2.23
41	C315	RT21052	IR	1.65	1.96	2.2
42	C316	18A3105492	CN LAB	2.99	1.95	1.975
43	C317	18A3105491	ADS LAB	2.89	2.44	1.94
44	C318	18A3105402	CN	2.89	2.44	1.94
45	C319	18A3105791	CC LAB	2.82	2.82	2.82
46	C321	18A3205401	OS	2.85	1.93	1.925
47	C322	18A3205402	DAA	1.76	1.76	1.76
48	C323	18A3205403	CD	1.74	1.71	2.1
49	C324A	18A3205511	ADBMS	1.74	1.74	1.74
50	C324B	18A3205512	UMLDP	1.72	1.91	1.59
51	C325A	18A3205523	STM	2.25	2.25	2.25
52	C325B	18A3205524	CCAD	1.71	1.71	1.71
53	C326	18A3205404	AI	1.72	1.72	1.72
54	C327	18A3205491	OS&UNIX LAB	2.87	2.42	1.94
55	C328	18A3205492	R PRO LAB	2.86	2.415	1.935
56	C329	18A3205991	AR	2.73	1.85	1.84
57	C3210	18A3205791	HACKTHON	2.875	2.435	1.93
58	C3211	18A3205801	ESS	1.73	1.73	1.73
59	C411	18A4100101	MIFA	-	2.01	1.68
60	C412	18A4105401	CNS	2.15	1.98	-
61	C413	18A4105511	NLP	2.46	2.25	2.02
62	C414	18A4105524	MLC	2.38	2.18	1.68
63	C415	18A4100603	OR	2.38	2.18	1.89
64	C416	18A4105491	AI LAB	2.38	2.18	1.89
65	C417	18A4105493	FS LAB	2.865	2.42	1.93

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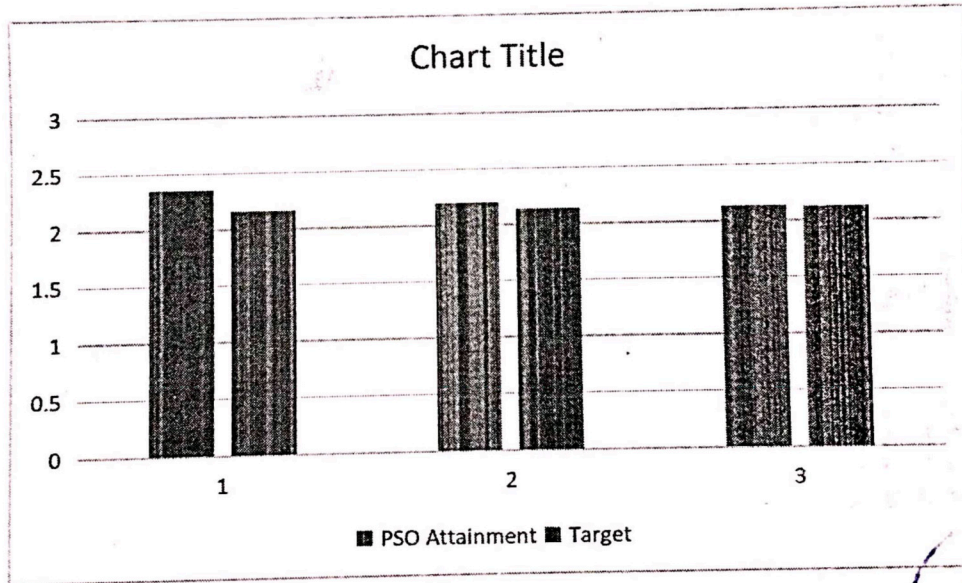
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66	C418	18A4105492	PA LAB	2.87	2.42	1.94
67	C419	18A4100804	RM	2.94	2.94	2.45
68	C421	18A4205513	SNS	2.19	2.46	1.64
69	C422	18A4205606	NT	2.94	2.94	2.6
70	C423	18A42057691	MP	3	3	3

Target	2.30	2.16	2.00
Actual	2.4	2.2	2.5
Standard	2.7	2.5	2.8
PSO Attainment	2.35	2.20	2.13
Target	2.16	2.14	2.12



(Signature)
Program Coordinator

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DEPARTMENT OF INFORMATION TECHNOLOGY

PROGRAM OUTCOMES ATTAINMENT FOR ALL THE COURSES OF 2019-2023

SN O	Name Of The Subject	Subject Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1 0	PO1 1	PO1 2
1	Discrete Mathematical Structures	18A2100202	1.64	1.74	1.83	2.05	0	0	0	0	0	0	0	0
2	Data Structures	18A2105401	2.50	2.67	2.80	2.00	-	-	-	-	-	-	-	3.00
3	Data Base Management Systems	18A2105402	1.77	1.89	1.98	2.05		0	0	0	0	0	0	0
4	Digital Logic Design	18A2105403	2.20	1.98	1.65		2.48					1.65		2.48
5	Professional ethics and Human Values	18A2100802	2.17	2.31	2.43	2.05	0	0	0	0	0	2.6	0	1.73
6	Professional Communicati on Skills	18A2100601	2.33	2.49	2.61	2.05	0.01	0.04	0.11	0.33	1.00	0.39	1.18	0
7	Psychology	18A2100604	1.97	2.1	2.204	2.05	0	0	0	0	0	0	0	0
8	Internet of Things Lab	18A2105493	1.97	2.1	2.204	2.05	0	0	0	0	0	0	0	0
9	Data Structures Lab	18A2105491	2.87	2.69	2.12	2.08	1.92	1.92				0	1.92	1.92
10	Data Base Management System Lab	18A2105492	2.79	2.58	2.11	2.06	1.87	1.885	0	0	0	0	1.875	1.8625
11	Python programming Lab	18A2105494	2.85	2.70	2.12	2.09	1.93	1.93			0	0	1.93	1.92
12	Digital Logic Design Lab	18A2100101	2.65	2.48	1.95	1.92	1.77	1.77	0	0	1.79	0	1.77	1.77
13	Probability and Statistics	18A2200201	1.84	1.96	2.05	2.05		0	0	0	0	0	2.2	0
14	Web Technologies and Advanced Java Programming	18A2205401	1.445	1.54	1.62	2.05		0	0	0	0	0	0	0



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 URL: www.nriit.edu.in, email: principal@nriit.edu.in, Mobile: + 91 8333882444



15	Software Engineering	18A2205402	2.19	2.34	2.454	2.05		0	0	0	1.75	1.75	1.75	1.75
16	Computer Organization	18A2205403	2.04	2.45	2.18	2.05		0	0	0	0	0	0	0
17	Microprocessor and Applications	18A2212601	1.5	1.5	1.5	2.05		0	0	0	0	0	1.5	1.5
18	Aptitude and Reasoning	18A2205991	1.65	2.82	0	2.05		0	0	2.82	2.82	0	2.51	0
19	Web Technologies and Advanced Java Programming Lab	18A2205491	1.87	2.20	1.73	2.05	0	0	0	0.47	0.76	0.29	0.96	0.54
20	Advanced Data Structures	18A3105401	1.85	1.97	2.072	2.05		1.48	0	0	0	0	0	0
21	Computer Networks	18A3105402												
22	Formal Languages and Automata Theory	18A3105403	2.20	2.12	2.12	2.05		0	0	0	0	0	0	2.12
23	Data Warehousing and Data Mining	18A3105513	1.69	1.76	1.69	2.05		1.76	0	0	0	0	0	0
24	Basics of Civil and Mechanical Engineering	18A3101301	2.29	2.29	2.04	2.05		2.29	0	0	0	0	0	0
25	Competitive Coding	18A3105791	1.768	1.7	1.7	2.05		0	0	0	0	0	0	1.7
26	Computer Networks lab	18A3105492	2.8875	2.714	0	0	1.94	1.95	0	0	0	0	1.94	1.93
27	ADS Lab	18A3105491	2.91	2.61	0	0	1.95	1.97	0	0	0	0	1.95	1.94
28	Operating Systems	18A3205401	2.9075	2.736	0	0	1.95	1.97	0	0	0	0	1.952	1.94
29	Design and Analysis of Algorithms	18A3205402	1.89	2.10	2.18	2.05		1.68	0	0	0	0	0	0
30	Compiler Design	18A3205403	2.59	2.59	2.59	2.05		0	0	0	0	0	0	0
31	Distributed Systems	18A3205513	2.31	2.31	2.428	2.05		0	0	0	0	0	0	0
32	Software Testing	18A3205523	2.06	2.06	2.166	2.05		0	0	0	1.55	1.55	1.55	1.55



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All Courses CO – PO & CO – PSO attainment including I Year

For 2019-2023 Batch

DEPARTMENT OF CIVIL ENGINEERING

S.NO	NAME OF THE SUBJECT	SUBJECT CODE	PSO 1	PSO 2	PSO 3
1	PROFESSIONAL ENGLISH-I	18A1100101			
2	ENGLISH COMMUNICATION SKILLS LAB-I	18A1100191			
3	ENGINEERING MATHEMATICS-I	18A1100201			
4	ENGINEERING CHEMISTRY	18A1100204			
5	ENGINEERING CHEMISTRY LAB	18A1100293			
6	BASIC ENGINEERING & IT WORKSHOP	18A1100391	1.96		
7	ENVIRONMENTAL STUDIES	18A1100801			
8	ENGINEERING MECHANICS	18A1101401			
9	PROFESSIONAL ENGLISH-II	18A1200101			
10	ENGLISH COMMUNICATION SKILLS LAB-II	18A1200191			
11	ENGINEERING MATHEMATICS-II	18A1200201			
12	ENGINEERING PHYSICS	18A1200202			
13	ENGINEERING PHYSICS LAB	18A1200291			
14	ENGINEERING DRAWING	18A1201401			1.68
15	PROGRAMMING AND PROBLEM SOLVING WITH C	18A1205301			
16	PROGRAMMING AND PROBLEM SOLVING WITH C LAB	18A1205392			
17	COMPLEX VARIABLES AND FOURIER SERIES	18A2100201	0.00	0.00	0
18	PROFESSIONAL ETHICS AND HUMAN VALUES	18A2100801	0.00	0	0
19	BUILDING PLANNING AND DRAWING	18A2101301	0.00	0.00	0
20	STRENGTH OF MATERIALS	18A2101401	0.00	0.00	0
21	FLUID MECHANICS	18A2101402	0.00	0.00	0
22	SURVEYING & GEOMATICS	18A2101403	0.00	0.00	0
23	BUILDING CONSTRUCTION AND PRACTICE	18A2101404	0.00	0.00	0
24	SURVEYING LAB	18A2101491	0.00	0.00	0
25	STRENGTH OF MATERIALS LAB	18A2101492	0.00	0.00	0
26	PROBABILITY AND STATISTICS	18A2200201	0.00	0.00	0.00
27	SURVEYING CAMP	18A2201494	0.00	0.00	0.00
28	ADVANCED SURVEYING LAB	18A2201493	0.00	0.00	0.00
29	ENGINEERING GEOLOGY LAB	18A2201492	0.00	0.00	0
30	FLUID MECHANICS AND HYDRAULIC MACHINES LAB	18A2201491	0.00	0.00	0.00
31	STRUCTURAL ANALYSIS-I	18A2201404	0.00	0.00	0.00
32	ENGINEERING GEOLOGY	18A2201403	0.00	0.00	0.00
33	HYDRAULIC ENGINEERING	18A2201402	0.00	0.00	0.00
34	CONCRETE TECHNOLOGY	18A2201401	0.00	0.00	0.00
35	IPR & PATENTS	18A2200802	0.00	0.00	0.00
36	INDUSTRIAL MATERIALS	18A2203602	0.00	0.00	0.00
37	MANAGEMENT SCIENCE	18A3100601	0.00	0.00	0.00
38	INDIAN CONSTITUTION	18A3100801	0.00	0.00	0.00
39	SOIL MECHANICS	18A3101401	0.00	0.00	0
40	REINFORCED CONCRETE STRUCTURES	18A3101402	0.00	0.00	0
41	WATER RESOURCE ENGINEERING-I	18A3101403	0.00	0.00	0.00
42	STRUCTURAL ANALYSIS-II	18A3101404	0.00	0.00	0.00
43	SOIL MECHANICS LAB	18A3101491	0.00	0.00	0.00
44	CONCRETE TECHNOLOGY LAB	18A3101492	0.00	0.00	0.00
45	ENVIRONMENTAL POLLUTION AND CONTROL	18A3101513	0.00	0.00	0
46	ESSENCE OF INDIAN KNOWLEDGE AND	18A3200801	0.00	0.00	0.00



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TRADITIONS					
47	COMPUTER AIDED CIVIL ENGINEERING DRAWING	18A3201391	0.00	0.00	0.00
48	FOUNDATION ENGINEERING	18A3201401	0.00	0.00	0.00
49	HIGHWAY ENGINEERING	18A3201402	0.00	0.00	0.00
50	ENVIRONMENTAL ENGINEERING	18A3201403	0.00	0.00	0.00
51	HIGHWAY ENGINEERING LAB	18A3201491	0.00	0.00	0
52	WATER RESOURCE ENGINEERING - II	18A3201512	0.00	0.00	0.00
53	REPAIR AND REHABILITATION OF STRUCTURES	18A3201522	0.00	0.00	0.00
54	HYDRAULICS AND PNEUMATICS SYSTEMS	18A3203606	0	0	0
55	ENTREPRENEURSHIP	18A4100801	0.00	0.00	0.00
56	PRE- STRESSED CONCRETE STRUCTURES	18A4101401	0	0	0
57	DESIGN OF STEEL STRUCTURES	18A4101402	0.00	0.00	0
58	CONSTRUCTION TECHNOLOGY & PROJECT MANAGEMENT	18A4101403	0.00	0.00	0
59	QUANTITY SURVEYING & PUBLIC WORKS	18A4101404	0.00	0.00	0.00
60	STRUCTURAL DESIGNING & DRAWING USING SOFTWARES	18A4101491	0.00	0.00	0
61	ENVIRONMENTAL ENGINEERING LAB	18A4101492	0.00	0.00	0
62	ENVIRONMENTAL IMPACT ASSESMENT	18A4101513	0.00	0.00	0.00
63	NANO TECHNOLOGY	18A4103606	0.00	0.00	0.00
64	REMOTE SENSING AND GIS	18A4201513	0.00	0.00	0
65	WATER SHED MANAGEMENT	18A4201525	0.00	0.00	0.00
65	MAJOR PROJECT	18A4201791	-	-	-

Direct Assessment	0.04	0.00
Alumni Survey	2.45	2.37
Program Exit Survey	2.39	2.33
PO Attainment(80%DA+10%AS+10%PES)	0.52	0.47

SIGNATURE OF THE HOD

Head of The Department
CIVIL ENGINEERING
NRI Institute of Technology
POTHAVARAPPADU.



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.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 2														
9	Professional English-II	18A1200101	0.00	0.00	0.00	0.00	0.00	2.91	2.91	1.94	1.90	2.38	0.00	1.94
10	Engineering Mathematics-II	18A1200201	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Engineering Chemistry	18A1200204	1.63	1.49	1.63	1.22	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00
12	Programming and Problem solving with C	18A1205301	1.67	1.68	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Engineering Mechanics	18A1201401	2.56	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	English Communication Skills Lab-II	18A1200191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	1.25	0.00	2.24
15	Engineering Chemistry Lab	18A1200294	1.95	1.63	1.17	1.46	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.00
16	Programming and Problem solving with C Lab	18A1205392	2.39	2.07	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 3														
17	Complex Variables and Fourier Series	18A2100201	2.19	2.19	1.46	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Material Science and Engineering	18A2103301	1.85	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Basic Thermodynamics	18A2103401	2.40	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Mechanics of Materials	18A2103402	1.74	2.27	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Manufacturing Process	18A2103403	2.53	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Essential Electrical and Electronics Engineering	18A2102301	2.37	1.80	1.27	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	Material Testing & Metallurgy Lab	18A2103491	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.99	0.00	0.99
24	Manufacturing Process Lab	18A2103492	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.99	0.00	0.99
25	Essential Electrical & Electronics Engineering Lab	18A2102391	1.95	1.95	0.98	2.92	0.00	0.00	0.00	0.00	1.95	0.98	0.00	0.98



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SEMESTER 4														
26	Mathematics-IV(Probability & Statistics)	18A2200201	2.21	2.21	1.48	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Design of Machine Members -I	18A2203401	1.55	1.87	2.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Fluid Mechanics and Hydraulic Machines	18A2203402	1.38	2.23	1.91	0.85	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Kinematics of Machinery	18A2203403	2.53	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	IC Engines and Gas Turbines	18A2203404	2.42	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	Computer Aided Machine Drawing Practice	18A2203301	1.92	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	Basic Surveying	18A2201602	2.81	1.87	0.00	0.00	0.00	1.58	0.00	1.10	0.00	0.00	0.00	0.00
33	Data Structures	18A2205601	2.44	1.75	2.31	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44
34	Fluid Mechanics & Hydraulic Machines Lab	18A2203491	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.99	0.00	0.99
35	Thermal Engineering Lab	18A2203492	2.97	1.99	0.00	0.00	1.98	0.00	0.00	0.00	1.99	1.00	0.00	1.00
36	Professional Ethics & Human Values	18A2200801	0.00	0.00	0.00	0.00	0.00	0.68	0.68	1.35	0.00	0.00	0.00	0.68



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SEMESTER 5														
37	Design of Machine Elements-II	18A3103401	0.91	1.81	2.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Dynamics of Machinery	18A3103402	0.81	2.42	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	Manufacturing Technology	18A3103403	2.83	0.00	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Applied Thermodynamics	18A3103404	0.00	2.17	1.96	0.00	0.00	0.00	1.78	0.00	0.00	0.00	0.00	0.00
41	Automation in Manufacturing	18A3103512	0.00	2.26	1.76	1.75	0.00	0.00	1.28	0.00	0.00	0.00	0.00	1.75
42	Building Materials	18A3101601	2.45	1.52	0.00	0.00	0.00	1.08	0.00	1.23	0.00	0.00	0.00	0.00
43	OOPS through JAVA	18A3105602	1.52	1.71	1.55	1.52	1.71	1.55	1.52	0.00	1.55	0.00	1.52	1.55
44	Web Design	18A3112601	1.58	2.07	2.22	1.47	2.51	1.62	0.00	0.00	2.28	0.00	2.71	0.00
45	Machine Tools Lab	18A3103491	0.00	1.97	0.00	0.00	1.96	0.00	0.00	0.00	1.97	0.99	0.00	0.99
46	Theory of Machines Lab	18A3103492	0.00	1.96	1.96	0.00	0.00	0.00	0.00	0.00	1.96	0.98	0.00	0.98
47	Minor Project(Design and Fabrication)	18A3103791	2.81	1.65	2.31	1.98	1.59	1.65	1.65	1.59	2.15	1.98	0.99	1.59



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 6														
48	Instrumentation and Control Systems	18A3203301	2.50	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Heat Transfer	18A3203401	2.40	2.51	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	Operations Research	18A3203402	0.00	1.83	2.74	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	Finite Element Methods	18A3203403	1.56	1.70	1.59	0.00	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	Introduction to Material Handling Equipment	18A3203514	1.61	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	Building Construction	18A3201602	1.96	1.41	0.00	0.00	0.00	1.18	0.00	0.99	0.00	0.00	0.00	0.00
54	Python Programming	18A3212602	1.99	1.98	2.27	1.71	2.27	1.55	0.00	0.00	2.38	0.00	2.62	0.00
55	IPR & Patents	18A3200802	0.00	0.00	0.00	0.00	0.00	2.29	0.00	2.25	2.17	0.00	2.29	2.14
56	Heat Transfer Lab	18A3203491	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.00	1.99	1.00	0.00	1.00
57	Simulation Lab	18A3203492	0.00	0.96	0.96	0.00	2.86	0.00	0.00	0.00	1.91	0.96	0.00	0.96



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NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 7														
8	Industrial Engineering and Management	18A4103401	1.70	1.77	2.20	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Introduction to CAD/CAM	18A4103402	1.79	0.00	0.00	1.81	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Metrology	18A4103403	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Unconventional Machining Processes	18A4103511	2.19	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Introduction to Composite Materials	18A4103522	2.87	1.73	1.24	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Project Management	18A4101607	2.24	1.45	0.00	0.00	0.00	1.17	0.00	1.67	0.00	0.00	0.00	0.00
14	Energy Audit Conservation and Management	18A4102608	1.82	1.82	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Instrumentation and Metrology Lab	18A4103491	0.93	1.85	0.00	0.00	0.00	0.00	0.00	0.00	1.85	0.93	0.00	0.93
16	Computational Fluid Dynamics Lab	18A4103492	1.90	2.64	2.83	2.52	2.84	0.00	0.00	2.82	1.89	0.95	0.00	0.95
17	Term Paper	18A4103791	2.97	2.97	2.97	1.98	1.98	0.00	0.00	0.00	0.00	1.97	0.00	0.00



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.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 8														
68	Introduction to Robotics	18A4203512	0.00	1.85	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78
69	Automobile Engineering	18A4203522	2.80	0.94	0.00	0.00	0.00	0.00	1.90	0.00	0.00	0.00	0.00	0.00
70	Major Project	18A4203791	2.95	2.28	2.93	1.95	2.93	2.94	2.94	2.94	2.95	2.93	2.95	1.96
No of courses			51	56	33	22	16	13	12	11	22	19	6	26
Sum			106.39	102.75	61.16	36.60	34.49	22.83	23.58	20.14	45.09	25.60	13.08	37.31
Direct assessment attainment level			2.09	1.83	1.85	1.66	2.16	1.76	1.97	1.83	2.05	1.35	2.18	1.44

Indirect Attainment



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Final Attainment

Assessment tool	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
80% of Direct Attainment (I)	1.67	1.47	1.48	1.33	1.72	1.41	1.57	1.46	1.64	1.08	1.74	1.15
20% of Indirect Attainment (II)	0.59	0.58	0.58	0.58	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Final attainment level(I+II)	2.26	2.05	2.06	1.92	2.31	1.98	2.15	2.04	2.22	1.66	2.32	1.73

HEAD OF THE DEPARTMENT
NRI Institute of Technology
POTHAVARAPPADU (V.iii)
Agiripalli (Mdt), Krishna Dist.



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CRITERION 3	COURSE AND PROGRAM SPECIFIC OUTCOMES ATTAINMENT 2018-19 Admitted Batch
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Direct Attainment

S.NO	Subject	Course	PSO1	PSO2	PSO3
SEMSSTER-I					
1	Professional English-I	18A1100101	0.00	0.00	0.00
2	Engineering Mathematics-I	18A1100201	0.00	0.00	0.00
3	Engineering Physics	18A1100202	0.00	0.00	0.00
4	Engineering Drawing	18A1103401	0.00	0.00	0.98
5	Environmental Studies	18A1100801	0.00	0.00	0.00
6	English Communication Skills Lab-I	18A1100191	0.00	0.00	0.00
7	Engineering Physics Lab	18A1100292	0.00	0.00	0.00
8	Basic Engineering & IT Workshop	18A1100391	0.00	0.00	0.00
SEMSSTER-2					
9	Professional English-II	18A1200101	0.00	0.00	0.00
10	Engineering Mathematics-II	18A1200201	0.00	0.00	0.00
11	Engineering Chemistry	18A1200204	0.00	0.00	0.00
12	Programming and Problem solving with C	18A1205301	0.00	0.00	0.00
13	Engineering Mechanics	18A1201401	0.00	0.00	0.00
14	English Communication Skills Lab-II	18A1200191	0.00	0.00	0.00
15	Engineering Chemistry Lab	18A1200294	0.00	0.00	0.00
16	Programming and Problem solving with C Lab	18A1205392	0.00	0.00	0.00



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S.NO	Subject	Course	PSO1	PSO2	PSO3
SEMESTER-3					
17	Complex Variables and Fourier Series	18A2100201	0.00	0.00	0.00
18	Material Science and Engineering	18A2103301	0.81	0.00	0.81
19	Basic Thermodynamics	18A2103401	0.80	0.00	0.00
20	Mechanics of Materials	18A2103402	0.88	0.00	0.88
21	Manufacturing Process	18A2103403	0.85	0.00	0.85
22	Essential Electrical and Electronics Engineering	18A2102301	0.00	0.00	0.00
23	Material Testing & Metallurgy Lab	18A2103491	0.00	0.00	0.00
24	Manufacturing Process Lab	18A2103492	0.99	0.00	0.00
25	Essential Electrical & Electronics Engineering Lab	18A2102391	0.00	0.00	0.00
SEMSTER-4					
26	Mathematics-IV(Probability & Statistics)	18A2200201	0.00	0.00	0.00
27	Design of Machine Members -I	18A2203401	1.60	0.00	1.60
28	Fluid Mechanics and Hydraulic Machines	18A2203402	0.84	0.00	0.84
29	Kinematics of Machinery	18A2203403	0.85	0.00	0.00
30	IC Engines and Gas Turbines	18A2203404	0.86	0.00	0.86
31	Computer Aided Machine Drawing Practice	18A2203301	0.00	1.92	0.00
32	Basic Surveying	18A2201602	0.00	0.00	0.00
33	Data Structures	18A2205601	0.00	0.00	0.00
34	Fluid Mechanics & Hydraulic Machines Lab	18A2203491	0.00	0.00	0.00
35	Thermal Engineering Lab	18A2203492	1.00	0.00	0.00
36	Professional Ethics & Human Values	18A2200801	0.00	0.00	0.00



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S.NO	Subject	Course	PSO1	PSO2	PSO3
SEMESTER-5					
37	Design of Machine Elements-II	18A3103401	1.81	0.00	1.81
38	Dynamics of Machinery	18A3103402	0.81	0.00	0.81
39	Manufacturing Technology	18A3103403	0.00	0.00	0.00
40	Applied Thermodynamics	18A3103404	0.87	0.00	0.00
41	Automation in Manufacturing	18A3103512	0.86	0.00	0.00
42	Building Materials	18A3101601	0.00	0.00	0.00
43	OOPS through JAVA	18A3105602	0.00	0.00	0.00
44	Web Design	18A3112601	0.00	0.00	0.00
45	Machine Tools Lab	18A3103491	0.99	0.00	0.99
46	Theory of Machines Lab	18A3103492	0.00	0.00	0.00
47	Minor Project(Design and Fabrication)	18A3103791	0.99	0.99	0.99
SEMESTER-6					
48	Instrumentation and Control Systems	18A3203301	0.00	0.00	0.84
49	Heat Transfer	18A3203401	0.89	0.00	0.00
50	Operations Research	18A3203402	0.00	0.00	0.00
51	Finite Element Methods	18A3203403	0.00	2.36	0.00
52	Introduction to Material Handling Equipment	18A3203514	0.00	0.00	0.00
53	Building Construction	18A3201602	0.00	0.00	0.00
54	Python Programming	18A3212602	0.00	0.00	0.00
55	IPR & Patents	18A3200802	0.00	0.00	0.00
56	Heat Transfer Lab	18A3203491	0.00	0.00	0.00
57	Simulation Lab	18A3203492	0.00	2.86	0.00



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S.NO	Subject	Course	PSO1	PSO2	PSO3
SEMESTER-7					
58	Industrial Engineering and Management	18A4103401	0.00	0.00	0.00
59	Introduction to CAD/CAM	18A4103402	0.90	1.80	0.00
60	Metrology	18A4103403	0.94	0.00	0.00
61	Unconventional Machining Processes	18A4103511	0.00	0.00	0.00
62	Introduction to Composite Materials	18A4103522	0.94	0.00	0.00
63	Project Management	18A4101607	0.00	0.00	0.00
64	Energy Audit Conservation and Management	18A4102608	0.00	0.00	0.00
65	Instrumentation and Metrology Lab	18A4103491	0.00	0.00	0.00
66	Computational Fluid Dynamics Lab	18A4103492	0.00	0.00	0.00
67	Term Paper	18A4103791	0.00	0.00	0.00
SEMESTER-8					
68	Introduction to Robotics	18A4203512	0.86	0.00	0.86
69	Automobile Engineering	18A4203522	0.00	0.00	0.00
70	Major Project	18A4203791	2.93	2.93	2.94
No of Courses			22	6	13
Sum			23.26	12.86	15.07
Average PSO Mapping Value			1.06	2.14	1.16

Indirect Attainment

Assessment Tool	PSO1	PSO2	PSO3
Indirect Assessment tool Attainment level	2.90	2.88	2.89



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CRITERION 3

COURSE AND PROGRAM OUTCOMES ATTAINMENT

2019-20 Admitted Batch

Direct Attainment

S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 1														
1	Professional English-I	18A1100101	0.00	0.00	0.00	0.00	0.00	2.59	2.02	2.16	0.00	2.07	0.00	1.73
2	Engineering Mathematics-I	18A1100201	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Engineering Physics	18A1100202	1.65	1.65	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Engineering Drawing	18A1103401	0.00	0.76	0.94	0.76	1.00	1.51	0.00	0.00	0.76	0.76	0.00	0.00
5	Environmental Studies	18A1100801	0.00	1.72	1.43	0.00	0.00	0.00	2.58	0.00	0.00	0.00	0.00	1.72
6	English Communication Skills Lab-I	18A1100191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.20	0.00	1.81
7	Engineering Physics Lab	18A1100292	0.00	1.95	0.00	1.95	2.93	0.00	0.00	0.00	2.93	0.00	0.00	0.00
8	Basic Engineering & IT Workshop	18A1100391	0.96	0.96	1.92	0.96	2.41	0.00	0.00	0.00	0.96	0.96	0.00	0.00



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 2														
9	Professional English-II	18A1200101	0.00	0.00	0.00	0.00	0.00	2.72	2.72	1.82	1.82	2.36	0.00	1.82
10	Engineering Mathematics-II	18A1200201	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Engineering Chemistry	18A1200204	1.52	1.39	1.52	1.14	0.00	0.00	2.28	0.00	0.00	0.00	0.00	0.00
12	Programming and Problem solving with C	18A1205301	1.57	1.22	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Engineering Mechanics	18A1201401	1.98	1.98	0.66	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	English Communication Skills Lab-II	18A1200191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	1.21	0.00	2.17
15	Engineering Chemistry Lab	18A1200294	1.87	1.56	1.13	1.41	0.00	0.00	1.41	0.00	0.00	0.00	0.00	0.00
16	Programming and Problem solving with C Lab	18A1205392	2.86	2.25	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91

DEPARTMENT OF MECHANICAL ENGINEERING



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 4														
26	Mathematics-IV(Probability & Statistics)	18A2200201	1.83	1.83	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Design of Machine Members -I	18A2203401	2.49	2.49	2.49	0.00	1.66	1.66	0.00	0.00	1.66	1.66	0.00	2.49
28	Fluid Mechanics and Hydraulic Machines	18A2203402	1.99	1.33	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	Kinematics of Machinery	18A2203403	0.86	1.47	1.76	1.91	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	IC Engines and Gas Turbines	18A2203404	1.78	1.31	1.09	0.00	0.00	0.82	0.82	0.00	0.00	0.00	0.00	0.00
31	Computer Aided Machine Drawing Practice	18A2203301	2.98	0.00	1.98	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	1.99
32	Basic Surveying	18A2201602	2.36	1.58	0.00	0.00	0.00	1.32	0.00	0.92	0.00	0.00	0.00	0.00
33	Data Structures	18A2205601	2.75	1.99	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75
34	Fluid Mechanics & Hydraulic Machines Lab	18A2203491	2.96	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00
35	Thermal Engineering Lab	18A2203492	2.97	1.82	0.99	0.99	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.99
36	Professional Ethics & Human Values	18A2200801	0.00	0.00	0.00	0.00	0.00	0.96	0.96	1.91	0.00	0.00	0.00	0.96



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 5														
37	Design of Machine Elements-II	18A3103401	2.43	2.43	2.43	1.62	0.81	0.00	0.81	0.00	0.00	1.62	1.62	1.62
38	Dynamics of Machinery	18A3103402	2.56	1.71	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.86
39	Manufacturing Technology	18A3103403	2.66	1.78	1.60	0.00	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Applied Thermodynamics	18A3103404	2.48	1.93	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	Automation in Manufacturing	18A3103512	2.59	2.30	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Building Materials	18A3101601	2.02	1.26	0.00	0.00	0.00	0.91	0.00	1.01	0.00	0.00	0.00	0.00
43	Web Design	18A3112601	1.35	1.75	1.87	1.25	2.12	1.38	0.00	0.00	1.94	0.00	2.24	0.00
44	Machine Tools Lab	18A3103491	2.95	1.98	1.97	0.00	1.97	0.00	0.00	0.00	0.99	1.48	0.00	0.00
45	Theory of Machines Lab	18A3103492	2.98	1.99	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	Minor Project(Design and Fabrication)	18A3103791	2.78	1.63	2.29	1.96	1.57	1.63	1.63	1.57	2.12	1.96	0.98	1.57



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 6														
47	Instrumentation and Control Systems	18A3203301	2.36	1.97	1.77	1.38	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
48	Heat Transfer	18A3203401	2.22	1.96	2.16	1.96	1.41	0.00	0.00	0.00	0.00	0.00	1.05	0.00
49	Operations Research	18A3203402	2.51	2.51	1.67	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	Finite Element Methods	18A3203403	0.00	1.53	1.18	0.00	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	Introduction to Material Handling Equipment	18A3203514	1.88	0.94	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00
52	Building Construction	18A3201602	2.05	1.48	0.00	0.00	0.00	1.23	0.00	1.03	0.00	0.00	0.00	0.00
53	Python Programming	18A3212602	1.68	1.68	1.91	0.00	1.91	1.30	0.00	0.00	2.01	0.00	2.15	1.68
54	IPR & Patents	18A3200802	0.00	0.00	0.00	0.00	0.00	2.73	0.00	2.73	2.73	0.00	2.73	2.73
55	Heat Transfer Lab	18A3203491	2.79	2.33	2.33	1.24	1.63	1.86	2.79	2.79	0.00	2.79	1.86	1.86
56	Simulation Lab	18A3203492	0.89	0.00	0.89	0.00	0.00	0.00	0.00	0.00	1.77	0.00	2.65	0.00



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 7														
57	Industrial Engineering and Management	18A4103401	2.11	2.72	1.81	0.91	1.81	1.81	0.00	1.81	0.91	0.00	1.51	0.00
58	Introduction to CAD/CAM	18A4103402	2.07	1.63	1.19	1.78	2.51	1.19	0.00	0.00	0.00	0.00	0.00	0.89
59	Metrology	18A4103403	1.78	2.07	1.78	0.00	0.00	0.00	0.00	0.00	0.89	0.89	0.89	0.89
60	Unconventional Machining Processes	18A4103511	2.75	0.00	0.00	0.92	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	Introduction to Composite Materials	18A4103522	2.08	2.31	2.46	0.00	2.16	0.93	0.00	0.00	0.00	0.00	1.16	0.93
62	Project Management	18A4101607	2.33	1.53	0.00	0.00	0.00	1.23	0.00	1.75	0.00	0.00	0.00	0.00
63	Energy Audit Conservation and Management	18A4102608	1.83	1.83	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	Instrumentation and Metrology Lab	18A4103491	2.30	2.47	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
65	Computational Fluid Dynamics Lab	18A4103492	2.09	2.09	2.09	1.90	2.28	2.09	2.09	0.00	0.00	0.00	0.00	2.06
66	Term Paper	18A4103791	2.93	2.93	2.93	2.93	2.93	2.93	0.00	0.00	0.00	2.93	0.00	0.00



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S.NO	Subject	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
SEMESTER 8														
67	Introduction to Robotics	18A4203512	2.06	2.20	2.06	0.00	1.38	1.65	0.00	0.00	0.00	0.00	1.10	0.83
68	Automobile Engineering	18A4203522	2.23	2.08	1.04	0.00	0.00	0.00	0.00	0.89	0.89	0.89	0.89	0.00
69	Major Project	18A4203791	2.89	2.89	2.89	2.88	2.88	2.89	2.89	0.00	0.00	0.00	0.00	2.89
No of courses			59	58	50	29	24	27	17	12	16	20	14	26
Sum			124.94	107.66	80.7	48.61	46.21	42.61	28.44	20.39	25.65	31.63	21.7	42.4
Direct assessment attainment level			2.12	1.86	1.61	1.68	1.93	1.58	1.67	1.70	1.60	1.58	1.55	1.63

Indirect Attainment

Assessment tool	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Indirect assessment attainment level	2.95	2.92	2.91	2.93	2.94	2.90	2.92	2.90	2.89	2.91	2.91	2.91



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Final Attainment

Assessment tool	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
80% of Direct Attainment (I)	1.69	1.48	1.29	1.34	1.54	1.26	1.34	1.36	1.28	1.27	1.24	1.30
20% of Indirect Attainment (II)	0.59	0.58	0.58	0.59	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Final attainment level(I+II)	2.28	2.07	1.87	1.93	2.13	1.84	1.92	1.94	1.86	1.85	1.82	1.89

HEAD OF THE DEPARTMENT

DEPARTMENT OF MECHANICAL ENGINEERING