



SENGUNTHAR ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
NAAC Accredited with 'A' Grade

TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Civil Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Civil Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19HST101	Communicative Techno English - I	1.96	1.80	1.93	1.94	1.97		
2	I	19MAT101	Engineering Mathematics I	4.31	4.30	4.33	4.28	4.30		
3	I	19CYE101	Engineering Chemistry	3.97	4.00	4.01	4.01	4.00	4.01	
4	I	19PHE101	Engineering Physics	4.42	4.45	4.46	4.46	4.45	4.45	
5	I	19GET101	Engineering Graphics	2.68	2.43	2.32	2.58	2.67		
6	I	19GEE101	Computer Fundamentals and Python Programming	4.59	4.72	4.59	4.59	4.59		
7	III	19MAT301	Transforms and Partial Differential Equations	2.23	2.24	2.23	1.36	1.35		
8	III	19CET302	Applied Geology	2.25	2.26	2.24	2.22	2.25		
9	III	19CET303	Construction Materials	1.34	1.36	1.34	1.35	1.36		
10	III	19CET304	Solid Mechanics	2.23	2.26	2.27	2.22	2.25		
11	III	19CEE301	Engineering Survey	2.21	2.24	2.28	2.26	2.23		
12	III	19CEE302	Fluid Mechanics & Flow measurements	2.21	2.24	2.25	2.26	2.23		
REGULATION : 2017										
13	V	CE8501	Design of Reinforced Cement Concrete Elements	1.36						
14	V	CE8502	Structural Analysis I	2.93	2.92	2.94	2.95	2.95		
15	V	EN8491	Water Supply Engineering	1.34	1.36	1.34	1.35	1.36		
16	V	CE8591	Foundation Engineering	4.33	4.34	4.33	4.36	1.35		
17	V	GI8014	Geographic Information System	1.73	1.76	1.74	1.77	1.76		
18	V	OA1551	Environment and Agriculture	4.03	4.03	4.02	4.06	4.05		
19	V	CE8511	Soil Mechanics Laboratory	5.00						
20	V	CE8512	Water and Waste Water Analysis Laboratory	4.99	4.98	4.97				
21	V	CE8513	Survey Camp	4.99						
22	VII	CE8701	Estimation Costing and Valuation Engineering	4.94	4.03	4.04	3.99	4.00		
23	VII	CE8702	Railways, Airports, Docks and Harbour Engineering	1.37						
24	VII	CE8703	Structural Design and Drawing	2.97	3.05	3.14	3.01	3.01		
25	VII	CE 8512	Design of Prestressed Concrete Structures	2.40	2.46	2.46	2.42	2.42	2.42	
26	VII	OML751	Testing of Materials	1.23	1.30					
27	VII	CE8711	Creative and Innovative Project	4.93						
28	VII	CE8712	Industrial Training	4.98	4.99					

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Department of Computer Science and Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19HST101	Communicative Techno English – I	3.48	3.17	3.07	3.32	3.37		
2	I	19MAT101	Engineering Mathematics – I	4.15	4.16	4.15	4.16	4.15		
3	I	19CYE101	Engineering Chemistry	4.56	4.56	4.48	4.51	4.59	4.58	
4	I	19PHE101	Engineering Physics	4.47	4.47	4.35	4.38	4.45	4.44	
5	I	19GET101	Engineering Graphics	3.6	3.51	3.49	3.72	3.76		
6	I	19GEE101	Computer Fundamentals And Python Programming	4.59	4.72	4.59	4.59	4.59		
7	III	19MAT301	Transforms and Partial Differential Equation	3.16	3.18	3.19	3.22	3.21		
8	III	19CST301	Data Structures	4.07	4.08	4.08	4.06	4.06		
9	III	19CST302	Computer Organization and Architecture	4.42	4.39	4.41	4.39	4.41		
10	III	19ECT302	Analog and Digital Communication	4.44	4.47					
11	III	19CSE301	Object Oriented Programming	4.07	4.08	4.08	4.06	4.06		
12	III	19ECE301	Digital Electronics	4.54	4.53	4.52	4.52	4.54	4.51	

REGULATION : 2017

13	V	MA8551	Algebra and Number Theory	2.51	2.49	2.48	2.48	2.48		
14	V	CS8591	Computer Networks	3.98	4.00	3.98	3.99	4.00		
15	V	EC8691	Microprocessors and Microcontrollers	1.57	1.59	1.57	1.6			
16	V	CS8501	Theory of Computation	2.67	2.57	2.47	2.74	2.74		
17	V	CS8592	Object Oriented Analysis and Design	3.30	3.30	3.32	3.31	3.32		
18	V	OCE551	Air Pollution and Control Engineering	3.77	3.78	3.77	3.78	3.77		
19	V	EC8681	Microprocessors and Microcontrollers Laboratory	4.95	4.94	4.98	4.97	4.97		
20	V	CS8581	Networks Laboratory	4.89	4.89	4.89	4.89	4.89		
21	V	CS8582	Object Oriented Analysis and Design Laboratory	4.89	4.89	4.89	4.89	4.89		
22	VII	MG8591	Principles of Management	4.41						
23	VII	CS8792	Cryptography and Network Security	4.59	4.64	4.63	4.63	4.61		
24	VII	CS8791	Cloud Computing	3.48	3.42	3.37	3.48	3.48		
25	VII	OME752	Supply Chain Management	4.06	4.09	4.08	4.07	4.06		
26	VII	CS8091	Big Data Analytics	3.29	3.29	3.29	3.29	3.29		
27	VII	CS8088	Wireless Adhoc and Sensor Networks	1.53	1.52	1.51	-	-		
28	VII	IT8761	Security Laboratory	4.97	4.98	4.98	4.97	4.96		
29	VII	CS8711	Cloud Computing Laboratory	4.97	4.95	4.94	4.95	4.94		

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Department of Electronics and Communication Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Electronics and Communication Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19HST101	Communicative Techno English-I	3.96	3.94	3.88	4.01	3.97		
2	I	19MAT101	Engineering Mathematics -I	3.55	3.4	3.41	3.55	3.57		
3	I	19CYE101	Engineering Chemistry	4.38	4.38	4.33	4.36	4.36	4.35	
4	I	19PHE101	Engineering Physics	4.62	4.62	4.54	4.57	4.49	4.48	
5	I	19GET101	Engineering Graphics	4.44	4.38	4.33	4.35	4.35		
6	I	19GEE101	Computer Fundamentals and Python Programming	4.57	4.71	4.57	4.57	4.57		
7	III	19MAT301	Transforms and Partial Differential Equations	3.58	3.59	3.58	3.61	3.6		
8	III	19EET304	Circuit Theory	4.41	4.41	4.4	4.38	4.41		
9	III	19ECT301	Signals and Systems	4.55	4.58	4.55	4.57	4.57		
10	III	19ECE301	Digital Electronics	4.71	4.63	4.68	4.49	4.64	4.61	
11	III	19ECE302	Electronic Circuits	4.71	4.63	4.68	4.62	4.7	4.61	
12	III	19CSE303	Data structures using C	4.75	4.74	4.63	4.62	4.61		

REGULATION : 2017

13	V	EC8501	Digital Communication	3.29	3.31	3.29	3.32	3.32		
14	V	EC8553	Discrete-Time SignalProcessing	3.5	3.5	3.5	3.5	3.5		
15	V	EC8552	Computer Architecture and Organization	1.82	1.85	1.85	1.87	1.88		
16	V	EC8551	Communication Networks	3.7	3.71	3.76	3.78			
17	V	GE8077	Total Quality Management	2.6						
18	V	OCE551	Air Pollution and Control Engineering	3.64	3.65	3.63	3.64	3.64		
19	V	EC8561	Communication Systems Laboratory	4.93	4.94	4.93	4.97			
20	V	EC8562	Digital Signal Processing Laboratory	4.93	4.94	4.93	4.97	4.97		
21	V	EC8563	Communication Networks Laboratory	3.7	3.71	3.76	3.78			
22	VII	EC8701	Antennas and Microwave Engineering	3.21	3.22	3.20				
23	VII	EC8751	Optical Communication	3.21	3.22	3.2	3.21	3.21		
24	VII	EC8791	Embedded and Real time systems	1.24	1.24	1.23	1.32	1.34		
25	VII	EC8702	Adhoc and Wireless Sensor Networks	1.24	1.24	1.23	1.32	1.34		
26	VII	EC8092	Advancd Wireless Communication(PE-III)	1.8	1.81	1.79				
27	VII	OCH752	Energy Technology(OE-II)	3.86						
28	VII	EC8711	Embedded Laboratory	4.93	4.94	4.93	4.97	4.97		
29	VII	EC8761	Advanced Communication Laboratory	4.93	4.94	4.93	4.97			

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Department of Electrical and Electronics Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Electrical and Electronics Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19HST101	Communicative Techno English - I	3.79	3.82	3.91	3.84	3.84		
2	I	19MAT101	Engineering Mathematics - I	3.74	3.75	3.77	3.71	3.73		
3	I	19CYE101	Engineering Chemistry	4.41	4.42	4.6	4.60	4.69	4.67	
4	I	19PHE101	Engineering Physics	4.89	4.90	4.75	4.75	4.69	4.67	
5	I	19GET101	Engineering Graphics	4.5	4.46	4.44	4.56	4.54		
6	I	19GEE101	Computer Fundamentals and Python Programming	4.48	4.92	4.88	4.88	4.88		
7	III	19MAT301	Transforms and Partial Differential Equations	4.12	4.13	4.12	4.15	4.14		
8	III	19EET301	Electromagnetic Theory	3.84	3.96	3.91	3.80	3.80		
9	III	19EET302	Linear Integrated Circuits	4.41	4.41	4.40	4.38	4.41		
10	III	19EEE301	Analog Electronics and Circuits	4.75	4.74	4.63	4.62	4.61	4.63	
11	III	19ECE301	Digital Electronics	4.52	4.51	4.54	4.53	4.50	4.53	
12	III	19CSE302	Programming in C and C++	4.27	4.26	4.18	4.17	3.89	3.89	3.89

REGULATION : 2017

13	V	EE8501	Power System Analysis	2.48	2.46	2.45	2.50	2.47	2.49	
14	V	EE8551	Microprocessors and Microcontrollers	3.59	3.60	3.58	3.60	3.59	3.61	
15	V	EE8552	Power Electronics	3.83	3.85					
16	V	EE8591	Digital Signal Processing	4.28	4.29	4.00	3.98	4.28	4.30	
17	V	CS8392	Object Oriented Programming	4.10	4.12	4.10	4.13	4.13		
18	V	OAN551	Sensors and Transducers	4.24	4.23	4.22	4.21			
19	V	EE8511	Control and Instrumentation Laboratory	4.66	4.65	4.64	4.61	4.64	4.66	
20	V	HS8581	Professional Communication	4.53	4.51	4.50	4.51			
21	V	CS8383	Object Oriented Programming Laboratory	4.48	4.51	4.52				
22	VII	EE8701	High Voltage Engineering	2.40	2.47	2.50	2.40	2.51	2.50	
23	VII	EE8702	Power System Operation and Control	3.73	3.73	3.78	3.78	3.82	3.82	
24	VII	EE8703	Renewable Energy Systems	3.81	3.79	3.84	3.91	3.89	3.88	
25	VII	OBT751	Analytical Methods and Instrumentation	3.81	3.77	3.83	3.82	3.82	3.82	
26	VII	EI8075	Fibre Optics and Laser Instrumentation	3.58	3.58	3.59	3.60			
27	VII	GE8077	Total Quality Management	3.44						
28	VII	EE8711	Power System Simulation Laboratory	4.96	4.96	4.98	4.95	4.97	4.97	
29	VII	EE8712	Renewable Energy Systems Laboratory	4.96	4.96	4.98	4.95	4.97	4.97	

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Department of Mechanical Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Mechanical Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19HST101	Communicative Techno English-I	3.28	3.26	3.34	3.31	3.30		
2	I	19MAT101	Engineering Mathematics - I	2.33	2.48	2.52	2.46	2.48		
3	I	19CYE101	Engineering Chemistry	3.32	3.35	3.42	3.42	3.50	3.53	
4	I	19PHE101	Engineering Physics	4.31	4.34	4.37	4.37	4.30	4.33	
5	I	19GET101	Engineering Graphics	2.71	2.70	2.62	2.80	2.83		
6	I	19GEE101	Computer Fundamentals and Python Programming	4.08	4.00	4.08	3.98	3.98		
7	III	19MAT301	Transforms and Partial Differential Equations	3.00	3.01	3.00	3.03	3.02		
8	III	19MET301	Engineering Thermodynamics	3.56	3.55	3.59	3.53	3.55		
9	III	19MET302	Kinematics of Machinery	3.18	3.17	3.20	3.15	3.17		
10	III	19MEE302	Fluid Mechanics and Machinery	4.12	4.11	4.13	4.14	4.15	4.11	
11	III	19MEE301	Manufacturing Technology - I	4.59	4.59	4.59	4.59	4.59	4.09	
12	III	19EET303	Electrical Drives and Control	3.18	3.27	3.44	3.42	3.42		
REGULATION : 2017										
13	V	ME8595	Thermal Engineering- II	1.50	1.53	1.54	1.56	1.55		
14	V	ME8593	Design of Machine Elements	2.46	2.47	2.47	2.46	2.47		
15	V	ME8501	Metrology and Measurements	2.63	2.63	2.62	2.60	2.61		
16	V	ME8594	Dynamics of Machines	1.58	1.61	1.61	1.60	1.62		
17	V	OAT551	Automotive System	2.64	2.68	2.66	2.65	2.63		
18	V	ME8511	Kinematics and Dynamics Laboratory	4.42	4.42	-	-	-		
19	V	ME8512	Thermal Engineering Laboratory	4.35	4.36	4.36	4.34	4.35		
20	V	ME8513	Metrology and Measurements Laboratory	4.43	4.44					
21	VII	ME8792	Power Plant Engineering	1.87	1.88	1.87	1.90	1.91		
22	VII	ME8791	Mechatronics	3.83	3.81	3.82	3.81	3.79		
23	VII	OIE751	Robotics	2.43						
24	VII	GE8077	Total Quality Management	1.73						
25	VII	ME8793	Process Planning and Cost Estimation	2.37	2.37	2.36	2.41	2.45		
26	VII	ME8097	Non Destructive Testing and Evaluation	2.10	2.06	2.08	2.09	2.07		
27	VII	ME8711	Simulation and Analysis Laboratory	4.81	4.81	4.81				
28	VII	ME8781	Mechatronics Laboratory	4.88	4.87					
29	VII	ME8712	Technical Seminar	4.59	4.59	4.63	4.60	4.62		

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Department of Civil Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Civil Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19HST101	Communicative Techno English - I						1.29	0.65	1.27	1.29	1.92		1.54		1.92	
2	I	19MAT101	Engineering Mathematics I	3.43	2.84	2.84	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	2.56	1.42	1.42
3	I	19CYE101	Engineering Chemistry	2.45	2.36	3.54	1.84	2.21	1.47	2.95					2.20	4.45		1.47
4	I	19PHE101	Engineering Physics	4.45	4.45	1.47	1.47									2.69		1.47
5	I	19GET101	Engineering Graphics	2.54	1.35	1.84	2.01	2.54	2.01		2.54					2.54	0.84	2.54
6	I	19GEE101	Computer Fundamentals and Python Programming	2.14	2.14	3.06	3.44	1.51						2.52		1.52	1.52	1.52
7	III	19MAT301	Transforms and Partial Differential Equations	1.54	1.24	0.86	0.78	0.59	0.74	0.45	1.16	0.45	0.64	0.59	0.59	1.63	0.62	0.77
8	III	19CET302	Applied Geology	1.30		0.73	0.99		1.11	0.99	0.74				0.74	0.89		
9	III	19CET303	Construction Materials	1.26	0.89	0.56										0.80		
10	III	19CET304	Solid Mechanics	1.48	1.48										0.74	1.04		
11	III	19CEE301	Engineering Survey	1.63	1.33	1.24	1.48	1.48				1.30	1.48	1.11	1.04	1.94	1.24	0.74
12	III	19CEE302	Fluid Mechanics & Flow measurements	1.18	1.18		0.89									1.03		
REGULATION : 2017																		
13	V	CE8501	Design of Reinforced Cement Concrete Elements	1.36	0.89	0.45	0.45									0.45		
14	V	CE8502	Structural Analysis I	2.15	2.34	2.34	1.36	1.36				1.95	0.97			2.34	0.97	
15	V	EN8491	Water Supply Engineering			1.86	1.86	1.52	1.35			1.69				2.03	1.18	
16	V	CE8591	Foundation Engineering		2.01		2.00			1.43		1.43	1.43			2.01	1.43	1.43
17	V	GI8014	Geographic Information System	0.58		1.16	0.58		0.72				0.87			1.04		0.58
18	V	OA1551	Environment and Agriculture	2.25	1.18					2.34						1.18		
19	V	CE8511	Soil Mechanics Laboratory			5.00		5.00	3.30							3.30		
20	V	CE8512	Water and Waste Water Analysis Laboratory		2.74		2.19			3.29			3.29			3.29		1.65
21	V	CE8513	Survey Camp			3.29	3.29					1.65				1.65	1.65	
22	VII	CE8701	Estimation Costing and Valuation Engineering	1.98	1.71				1.92	1.39			1.39			1.92	1.39	1.39
23	VII	CE8702	Railways, Airports, Docks and Harbour Engineering	0.90	0.45		0.90			0.45						0.45		
24	VII	CE8703	Structural Design and Drawing	1.61	2.83	2.62	3.03		1.40				1.60			2.41	1.40	
25	VII	CE 8512	Design of Prestressed Concrete Structures	1.88	1.07	0.80					2.12					1.07		
26	VII	OML751	Testing of Materials	0.62	0.41	1.04		1.27	0.84				0.42			0.84	0.42	
27	VII	CE8711	Creative and Innovative Project	4.93	1.63	1.63										1.63	1.63	
28	VII	CE8712	Industrial Training				1.64			1.64	1.64		1.64			1.64		

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Department of Computer Science and Engineering

Attainment of Program Outcomes

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ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19HST101	Communicative Techno English - I						2.15	1.1	2.03	2.14	3.28		2.66		3.28	
2	I	19MAT101	Engineering Mathematics – I	3.3	2.74	1.92	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	3.87	1.37	1.64
3	I	19CYE101	Engineering Chemistry	2.5	2.41	3.61	1.88	2.27	1.48	3.04					2.24	4.54		1.51
4	I	19PHE101	Engineering Physics	4.43	4.43	1.46	1.46									2.68		1.46
5	I	19GET101	Engineering Graphics	3.62	1.93	2.64	2.89	3.62	2.88		3.62					3.62	1.19	3.62
6	I	19GEE101	Computer Fundamentals And Python Programming	2.14	2.14	3.06	3.44	1.51						2.52		1.52	1.52	1.52
7	III	19MAT301	Transforms and Partial Differential Equation	2.54	2.11	1.47	1.32	1.06	1.05	1.06	1.16	1.06	1.05	1.05	1.05	2.65	1.05	1.26
8	III	19CST301	Data Structures	2.01	3.38	2.24	2.7	1.34	1.34							4.07	4.07	4.07
9	III	19CST302	Computer Organization and Architecture	2.62	2.92	3.65	2.18	1.45	1.45		1.45					1.45	1.45	1.45
10	III	19ECT302	Analog and Digital Communication	4.46	4.46	3.70	2.20	2.94	1.47					2.21	3.70	4.46	2.94	4.46
11	III	19CSE301	Object Oriented Programming	2.01	3.38	2.24	2.70	1.34	1.34							4.07	4.07	4.07
12	III	19ECE301	Digital Electronics	4.53	4.53	3.91	3.31	3.31						3	3.31	4.53	4.53	4.53

REGULATION : 2017

13	V	MA8551	Algebra and Number Theory	2.15	1.98	1.98	0.82	0.82	0.82	0.82		0.99		0.82		1.32	0.82	0.82
14	V	CS8591	Computer Networks	2.63	3.99	3.99										3.99	3.99	3.99
15	V	EC8691	Microprocessors and Microcontrollers	1.58	1.58	1.58										1.04	0.52	0.52
16	V	CS8501	Theory of Computation	1.41	1.76	2.28										2.64	2.64	2.64
17	V	CS8592	Object Oriented Analysis and Design	3.31	3.31	3.31			2.18							3.31	2.18	3.31
18	V	OCE551	Air Pollution and Control Engineering	1.74	1.24	3.77	2.49	2.49	2.49	1.74					1.24	2.75	2.49	-
19	V	EC8681	Microprocessors and Microcontrollers Laboratory	4.96	4.96	4.96					1.54	1.64	1.64		4.62	3.27	1.64	1.64
20	V	CS8581	Networks Laboratory	3.24	2.90	3.25					1.52	1.61	1.61		1.61	4.89	4.89	4.89
21	V	CS8582	Object Oriented Analysis and Design Laboratory	2.9	2.9	3.56		3.24	3.23		2.4	2.26	2.9		3.23	4.89	4.89	4.89
22	VII	MG8591	Principles of Management	4.41	4.41	4.41										2.91	4.41	1.45
23	VII	CS8792	Cryptography and Network Security	3.01	3.01	3.01										3.01	3.01	3.01
24	VII	CS8791	Cloud Computing	1.40	1.93	2.47										2.65	2.65	2.65
25	VII	OME752	Supply Chain Management	1.34	-	4.08		2.68			2.69		4.07		1.34	4.07	4.07	4.07
26	VII	CS8091	Big Data Analytics	3.29	3.29	3.29						3.29	3.29			3.29	3.29	3.29
27	VII	CS8088	Wireless Adhoc and Sensor Networks	1.52	1.17	0.50										1.52	1.52	1.52
28	VII	IT8761	Security Laboratory	4.97	4.97	4.97		4.97			3.09	3.28	3.28		3.28	4.97	4.97	4.97
29	VII	CS8711	Cloud Computing Laboratory	4.95	4.95	4.95		4.95			3.08	3.27	3.27		3.27	4.95	4.95	4.95

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU

Department of Electronics and Communication Engineering

Attainment of Program Outcomes



PROGRAMME : B.E. - Electronics and Communication Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19HST101	Communicative Techno English-I						2.61	1.32	2.56	2.61	3.95		3.17		3.95	
2	I	19MAT101	Engineering Mathematics -I	2.79	2.31	2.31	1.16	1.16	1.17	1.17	1.17	1.19	1.15	1.14	1.15	2.07	1.16	1.16
3	I	19CYE101	Engineering Chemistry	2.4	2.31	3.47	1.79	2.17	1.43	2.91					2.16	4.36		1.44
4	I	19PHE101	Engineering Physics	4.55	4.55	1.5	1.5									2.76		1.51
5	I	19GET101	Engineering Graphics	4.37	2.32	3.18	3.48	4.37	3.48		4.37				4.37	1.44	4.37	
6	I	19GEE101	Computer Fundamentals and Python Programming	2.13	2.13	3.05	3.42	1.51						2.51		1.52	1.52	1.52
7	III	19MAT301	Transforms and Partial Differential Equations	2.87	2.39	1.68	1.5	1.2	1.19	1.2	1.2	1.2	1.2	1.2	1.2	2.99	1.2	1.44
8	III	19EET304	Circuit Theory	4.4	4.4	4.4	2.91	1.45						1.45	2.91	4.4	4.4	2.91
9	III	19ECT301	Signals and Systems	4.57	4.57	3.02	4.57	2.41	1.51					3.01	1.51	4.57	2.71	2.11
10	III	19ECE301	Digital Electronics	4.63	4.63	3.99	3.38	3.37						3.05	3.38	4.63	4.63	4.63
11	III	19ECE302	Electronic Circuits	4.67	4.35	4.35	4.03	3.08	2.15					2.46	2.06	4.67	2.15	2.46
12	III	19CSE303	Data structures using C	3.06	3.38	4.64	1.53									1.53	1.53	1.53

REGULATION : 2017

13	V	EC8501	Digital Communication	3.31	3.31	3.08	3.08	2.18	1.09					1.1	1.09	3.31	1.09	1.96
14	V	EC8553	Discrete-Time Signal Processing	2.77	2.77	2.2	2.39	2.39	2.77					1.28	0.91	0.91	2.77	1.46
15	V	EC8552	Computer Architecture and Organization	1.85	1.6	0.98	0.73		0.62					0.62	0.62	1.85	0.98	1.22
16	V	EC8551	Communication Networks	3.74	1.23	2.47	2.47	3.74	2.47					2.47	1.84	3.74	2.47	2.47
17	V	GE8077	Total Quality Management							2.6		2.6	1.72		0.86	1.72	2.6	0.86
18	V	OCE551	Air Pollution and Control Engineering	3.64	2.41	3.14	2.4	1.2	1.2	3.15	1.67	1.2	2.66	2.17	1.8	2.17	1.44	1.44
19	V	EC8561	Communication Systems Laboratory	3.26	4.94	4.94	4.11	3.26	1.63					4.11	3.26	4.94	1.63	3.26
20	V	EC8562	Digital Signal Processing Laboratory	4.95	4.95	4.95	4.28	3.94	2.62					3.63	3.27	4.95	2.94	2.62
21	V	EC8563	Communication Networks Laboratory	3.74	1.23	2.47	2.47	3.74	2.47					2.47	1.84	3.74	2.47	2.47
22	VII	EC8701	Antennas and Microwave Engineering	4.03	2.67	2.32	2.22	1.17	1.35					4.83	2.96	3.21	3.21	3.21
23	VII	EC8751	Optical Communication	3.22	3	3	2.78		1.42					2.12	1.06	3.22	3.22	2.12
24	VII	EC8791	Embedded and Real time systems	2.7	1.34	1.57	1.19	1.35	1.12					1.57	1.78	2.7	1.57	1.34
25	VII	EC8702	Adhoc and Wireless Sensor Networks	1.28	1.28	1.01	1.01	1.03	0.82					0.84	0.67	1.01	0.84	0.75
26	VII	EC8092	Advanced Wireless Communication (PE-III)	1.8	1.4	1.8	1.8	0.99	1.19					1.19	1.19	1.8	1.4	1.19
27	VII	OCH752	Energy Technology (OE-II)	3.86	2.54	2.54	1.27	2.54	2.54	3.86	2.54				1.27	1.27	2.54	1.27
28	VII	EC8711	Embedded Laboratory	4.95	4.95	4.28	4.95	4.28	2.63					4.28	4.12	4.95	2.96	2.95
29	VII	EC8761	Advanced Communication Laboratory	4.94	4.94	3.68	4.94	3.26	2.86					3.69	2.86	4.94	2.04	2.04

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Department of Electrical and Electronics Engineering

Attainment of Program Outcomes



PROGRAMME : B.E. - Electrical and Electronics Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19HST101	Communicative Techno English - I						2.55	1.27	2.58	2.56	3.84		3.06		3.84	
2	I	19MAT101	Engineering Mathematics - I	2.98	2.47	1.73	1.23	1.23	1.23	1.23	1.22	1.23	1.23	1.23	1.23	3.48	1.23	1.48
3	I	19CYE101	Engineering Chemistry	2.52	2.45	3.61	1.92	2.28	1.52	2.98					2.21	4.56		1.51
4	I	19PHE101	Engineering Physics	4.77	4.77	1.58	1.58									2.89		1.59
5	I	19GET101	Engineering Graphics	4.50	2.39	3.28	3.59	4.50	3.58		4.50					4.50	1.48	4.50
6	I	19GEE101	Computer Fundamentals and Python Programming	2.26	2.26	3.24	3.65	1.61						2.63		1.61	1.61	1.61
7	III	19MAT301	Transforms and Partial Differential Equations	3.30	2.75	1.93	1.72	1.38	1.37	1.38	1.38	1.38	1.38	1.38	1.38	3.44	1.38	1.65
8	III	19EET301	Electromagnetic Theory	3.86	3.60	3.08	2.82	2.31					1.29		2.05	3.86	2.31	2.05
9	III	19EET302	Linear Integrated Circuits	2.19	1.94	2.42	1.82	1.93	1.45	2.18	2.43	1.45	2.42	2.42	1.45	2.18	1.94	1.46
10	III	19EEE301	Analog Electronics and Circuits	4.14	3.34	3.10	3.08		1.57	1.53			1.52			4.66	3.08	1.80
11	III	19ECE301	Digital Electronics	4.52	4.52	3.91	3.30	3.30						2.99	3.30	4.52	4.52	4.52
12	III	19CSE302	Programming in C and C++	2.69	2.89	4.11	2.56									1.34	1.34	1.34

REGULATION : 2017

S.No.	Semester	Subject Code	Subject Name	a	b	c	d	e	f	g	h	i	j	k	l	PSO1	PSO2	
13	V	EE8501	Power System Analysis	2.47	2.47	2.47	2.47	1.77		1.77					1.63	2.47	2.47	
14	V	EE8551	Microprocessors and Microcontrollers	3.60		1.98		2.18			1.37	1.58		2.58	2.58	2.98	2.98	
15	V	EE8552	Power Electronics	2.53	3.84	3.84	3.18	3.84		2.53						2.53	1.27	
16	V	EE8591	Digital Signal Processing	3.38	3.01	3.64	2.76	2.93		3.01					2.68	2.22	2.22	
17	V	CS8392	Object Oriented Programming			2.72	2.72	4.12							2.72	1.36	1.36	
18	V	OAN551	Sensors and Transducers	2.79	2.79	4.23		2.79	2.79							1.39	1.39	
19	V	EE8511	Control and Instrumentation Laboratory			3.59	3.59	3.59	3.33			3.33	3.33			3.33	3.07	
20	V	HS8581	Professional Communication									2.61	3.75	2.99			4.52	
21	V	CS8383	Object Oriented Programming Laboratory			2.97	2.97	4.50							2.97	1.49	1.49	
22	VII	EE8701	High Voltage Engineering	2.46	1.22	2.46	2.46	2.18		1.63					1.63	2.46	2.46	
23	VII	EE8702	Power System Operation and Control	3.56	3.56	3.14	3.77	2.92		2.49					2.50	3.78	3.35	
24	VII	EE8703	Renewable Energy Systems	3.85	2.54	2.54	2.54	2.12		1.49					3.20	3.85	2.12	
25	VII	OBT751	Analytical Methods and Instrumentation	3.81	2.52	2.52	2.51	2.10		1.47					3.16	3.81	2.10	
26	VII	EI8075	Fibre Optics and Laser Instrumentation	1.78	2.08			1.48						1.77	2.08	1.77	1.18	
27	VII	GE8077	Total Quality Management		2.27			3.44	3.44	3.44	3.44	3.44	3.44			2.27	2.27	
28	VII	EE8711	Power System Simulation Laboratory	4.96		4.96	4.96			3.28			3.28	2.29	2.73	4.96	4.96	
29	VII	EE8712	Renewable Energy Systems Laboratory	4.96		4.96	4.96			3.28			3.28	2.29	2.73	4.96	4.96	

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Mechanical Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Mechanical Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19HST101	Communicative Techno English-I						2.19	1.09	2.20	2.20	3.30		2.63		3.30	
2	I	19MAT101	Engineering Mathematics - I	1.95	1.62	1.13	0.80	0.80	0.82	0.79	0.81	0.79	0.82	0.80	0.81	2.28	0.81	0.98
3	I	19CYE101	Engineering Chemistry	1.89	1.83	2.70	1.43	1.71	1.13	2.24					1.66	3.42		1.14
4	I	19PHE101	Engineering Physics	4.34	4.34	1.43	1.43									2.62		1.43
5	I	19GET101	Engineering Graphics	2.73	1.46	1.99	2.19	2.73	2.17		2.73					2.73	0.90	2.73
6	I	19GEE101	Computer Fundamantal and Phython Programming	1.88	1.86	2.67	2.99	1.31						2.20		1.33	1.33	1.33
7	III	19MAT301	Transforms and Partial Differential Equations	2.40	1.99	1.39	1.24	1.00	0.99	1.00	1.16	1.00	0.99	0.99	1.00	2.50	0.99	1.19
8	III	19MET301	Engineering Thermodynamics	3.56	3.56	3.56				1.88			2.37			2.83	2.11	1.17
9	III	19MET302	Kinematics of Machinery	3.23	3.22	3.38	1.94	1.25	1.25	4.00						2.94	2.94	2.94
10	III	19MEE302	Fluid Mechanics and Machinery	3.19	2.27	4.11	2.74	2.71	2.71		1.36				4.11	4.11	2.72	1.59
11	III	19MEE301	Manufacturing Technology - I	3.03		3.03							3.03			3.03	4.59	1.51
12	III	19EET303	Electrical Drives and Control	2.90	1.09	2.24		2.29	2.12	1.06	1.09			2.15	1.14	2.50	1.88	1.52
REGULATION : 2017																		
13	V	ME8595	Thermal Engineering- II	1.54	1.54			1.54			1.54					1.43	1.43	0.92
14	V	ME8593	Design of Machine Elements		2.47		2.47			2.47	2.47	2.47				2.47	1.63	
15	V	ME8501	Metrology and Measurements	2.62		2.62	2.62			2.62	2.62					2.62	2.26	1.55
16	V	ME8594	Dynamics of Machines	1.60	1.60	1.60		1.60		1.60		1.60				1.39	1.39	0.85
17	V	OAT551	Automotive System	0.88	0.88					0.88		1.31				1.76	1.31	
18	V	ME8511	Kinematics and Dynamics Laboratory	4.43	4.43	4.43	4.43									4.42	2.92	1.46
19	V	ME8512	Thermal Engineering Laboratory	4.35	4.35	4.35										4.35	3.17	1.72
20	V	ME8513	Metrology and Measurements Laboratory	4.43	4.43	4.43	4.43			4.43						4.43	2.93	2.93
21	VII	ME8792	Power Plant Engineering	1.89	1.76	1.89	1.63				1.89					1.37	1.50	0.87
22	VII	ME8791	Mechatronics	3.81	3.55	3.81	1.26	3.29	1.26	1.26	3.81	3.81				3.30	2.52	1.26
23	VII	OIE751	Robotics	2.43	1.61	0.80	2.43	2.43	0.80	2.43	2.43	1.61				2.43	2.43	1.61
24	VII	GE8077	Total Quality Management	0.57	1.14	1.73	1.73	1.14	0.57	1.73	1.14	0.57				1.73	0.57	1.14
25	VII	ME8793	Process Planning and Cost Estimation		2.39		2.39									2.39	2.23	2.23
26	VII	ME8097	Non Destructive Testing and Evaluation	0.69	2.08	0.68	2.08	0.68	2.08	0.68	0.83	2.08				1.37	1.10	0.69
27	VII	ME8711	Simulation and Analysis Laboratory	4.81				4.81		4.81						3.73	3.17	3.17
28	VII	ME8781	Mechatronics Laboratory	4.95	4.95	4.95	1.63	4.11	1.63	1.63	4.95	4.95				3.22	3.22	4.87
29	VII	ME8712	Technical Seminar	1.51		1.51			4.59			1.51				1.51	3.03	3.03

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Department of Computer Science and Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19PMT101	Applied Probability and Statistics	4.93	4.94	4.93	4.96			
2	I	19PCT101	Advanced Data Structures and Algorithms	4.07	4.07	4.07				
3	I	19PCT102	Advanced Computer Architecture	4.24	4.25	4.24	4.24	4.25		
4	I	19PCT103	Operating System Internals	4.96	4.94	4.95	4.95			
5	I	19PCT104	Advanced Software Engineering	4.956	4.942	4.948	4.95	4.946	4.965	
6	I	19PCT105	Machine Learning Techniques	4.48	4.47	4.49	4.50	4.49		
7	I	19PCL101	Data Structures Laboratory	4.38	4.38	4.38				
8	III	19PCP305	Software Quality Assurance and Testing	2.21	2.22	2.22	2.21			
9	III	19PCP307	Embedded Software Development	2.26	2.12	2.25	2.07			
10	III	19PCP315	Information Storage Management	4.31	4.47	4.33				
11	III	19PCJ301	Project Work Phase – I	4.96	4.94	4.95	4.95	4.95		


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Department of Electronics and Communication Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - VLSI Design

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19PMT102	Applied Mathematics for Electronics Engineers	3.84	3.83	3.81	3.82	3.84	3.81	
2	I	19PVT101	Advanced Digital System Design	1.94	1.81	2.01				
3	I	19PVT102	CMOS Digital VLSI Design	3.32	3.17	3.41				
4	I	19PVT103	DSP Integrated Circuits	4.09	3.87	4.00	4.97			
5	I	19PVT104	CAD For VLSI Circuits	3.85	3.84	3.8				
6	I	19PVT104	Analog IC Design	4.94	4.96					
7	I	19PVL101	VLSI Design Laboratory-I	4.09	3.87	4	4.97			


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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Civil Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - Structural Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19PMT103	Advanced Mathematical Methods	3.73	3.74	3.73	3.66	3.65		
2	I	19PST101	Advanced Concrete Structures	4.68						
3	I	19PST102	Dynamic of Structures	4.09						
4	I	19PST103	Theory of Elasticity and Plasticity	4.55	4.68					
5	I	19PSP101	Maintenance and Rehabilitation of Structures	4.37						
6	I	19PSP102	Prefabricated Structures	4.09	4.90					
7	III	19PST301	Earthquake Analysis and Design of Structures	3.99	3.98					
8	III	19PSP302	Design of Sub Structures	3.99	3.98					
9	III	19PSP304	Design of Steel Concrete Composite Structures	3.31	3.31					
10	III	19PSJ301	Project Work Phase-I	5.00						
11	III	19PSE301	Practical Training-II	5.00	5.00					
12	III	19PSE302	Seminar	5.00						


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Department of Master of Business Administration

Attainment of Course Outcomes

PROGRAMME : Master of Business Administration

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	I	19BAT101	Economic Analysis for Business	3.68	3.69					
2	I	19BAT102	Principles of Management	3.99	3.88	3.96	3.88	3.85		
3	I	19BAT103	Accounting for Management	3.85						
4	I	19BAT104	Legal Aspects of Business	3.73						
5	I	19BAT105	Organizational Behaviour	3.66						
6	I	19BAT106	Statistics for Management	4.07						
7	I	19BAT107	Total Quality Management	4.28						
8	I	19BAL108	Spoken and Written Communication	4.93	4.92	5.00	4.95	4.93	4.94	4.92
9	III	19BAT301	International Business Management	2.91	2.68					
10	III	19BAT302	Strategic Management	1.70						
11	III	19BATH01	Entrepreneurship Development	1.34						
12	III	19BATH02	Industrial Relationship and Labour Welfare	1.10						
13	III	19BATH04	Managerial Behaviour and Effectiveness	2.23						
14	III	19BATO04	Project Management	2.35						
15	III	19BATO05	Service Operation Management	2.24						
16	III	19BATO06	Supply Chain Management	2.14						


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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Computer Science and Engineering

Attainment of Program Outcomes

PROGRAMME : M.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19PMT101	Applied Probability and Statistics	4.94	4.94	4.1	4.93	3.25	2.44	2.44	1.63	1.63	2.04	4.94	4.94	4.94	4.94	3.26
2	I	19PCT101	Advanced Data Structures and Algorithms	4.07	4.07	4.07	4.07	4.07	1.34	1.34	1.34	4.07	4.07	2.69	1.34	3.61	3.61	2.69
3	I	19PCT102	Advanced Computer Architecture	3.66	3.66	3.66	3.66	1.4	1.4	1.4	1.35	1.4	1.4	1.4	2.24	3.66	3.66	3.66
4	I	19PCT103	Operating System Internals	4.95	4.95	4.53	4.53	4.95	1.63	2.04	2.04	2.04	3.27	1.63	2.45	3.69	4.95	4.53
5	I	19PCT104	Advanced Software Engineering	4.95	4.95	4.95	4.61	4.61	1.63	1.63	1.54	1.63	3.27	1.63	3.27	4.95	4.61	4.61
6	I	19PCT105	Machine Learning Techniques	4.49	4.49	4.49	4.49	4.49	1.48	4.49	1.47	1.48	2.96	1.48	2.96	4.49	4.49	4.49
7	I	19PCL101	Data Structures Laboratory	4.12	3.59	2.57	3.85	3.09	1.53	1.53	1.53	2.57	4.64	3.06	1.53	3.59	4.64	4.64
8	III	19PCP305	Software Quality Assurance and Testing	1.84	2.03	2.03	1.84	1.84	0.91	2.03	0.73	0.73	0.73	0.73	1.1	1.65	1.66	1.84
9	III	19PCP307	Embedded Software Development	2.17	2.17	2.17	2.17	2.17	0.72	0.72	0.72	1.43	0.72	1.07	1.43	2.17	2.17	2.17
10	III	19PCP315	Information Storage Management	4.37	4.37	3.88	3.37	4.37	1.44	4.37	1.44	1.44	1.44	1.44	2.88	4.37	4.37	4.37
11	III	19PCJ301	Project Work Phase - I	4.96	4.96	4.96	4.96	4.96	1.64	1.64	4.96	4.96	4.96	4.96	1.64	4.96	4.96	4.96

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Department of Civil Engineering

Attainment of Program Outcomes

PROGRAMME : M.E. - Structural Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19PMT103	Advanced Mathematical Methods	3.20	1.96	1.22	1.22	1.47	1.22	1.22	1.46	1.22	1.22	1.47	1.22	1.71	1.22	1.71
2	I	19PST101	Advanced Concrete Structures	1.55	3.09	4.68	1.55	1.55	3.09	1.55	1.55	1.55	1.55	1.55	1.55	3.09	1.55	1.55
3	I	19PST102	Dynamic of Structures	1.62	3.23	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	3.23	1.62	1.62
4	I	19PST103	Theory of Elasticity and Plasticity	3.04	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
5	I	19PSP101	Maintenance and Rehabilitation of Structures	4.37	1.44	1.44	1.44	1.44	2.88	2.88	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44
6	I	19PSP102	Prefabricated Structures	2.02	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	3.39	1.35	1.35
7	III	19PST301	Earthquake Analysis and Design of Structures	2.63	1.97	1.97	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	2.63	1.31	1.31
8	III	19PSP302	Design of Sub Structures	1.97	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.97	1.31	1.31
9	III	19PSP304	Design of Steel Concrete Composite Structures	1.64	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
10	III	19PSJ301	Project Work Phase-I	3.30	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
11	III	19PSE301	Practical Training-II	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
12	III	19PSE302	Seminar	3.30	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65

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Department of Electronics and Communication Engineering

Attainment of Program Outcomes

PROGRAMME : M.E. - VLSI Design

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19PMT102	Applied Mathematics for Electronics Engineers	2.52	1.68	1.26	1.68	2.1	3.84	2.53	3.19	2.53	2.53	2.52	2.52	1.26	1.68	4.07
2	I	19PVT101	Advanced Digital System Design	0.85	1.27	1.27	1.92	1.27	1.92	1.92	1.92	1.92	1.27	1.92	1.27	1.92	1.27	1.27
3	I	19PVT102	CMOS Digital VLSI Design	1.45	2.18	2.18	2.18	2.18	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	2.18	2.18
4	I	19PVT103	DSP Integrated Circuits	1.4	1.4	2.79	2.79	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	2.79	2.79
5	I	19PVT104	CAD For VLSI Circuits	1.26	1.26	2.53	2.53	1.26	3.83	2.53	3.83	3.83	3.83	3.83	2.53	3.83	2.53	1.26
6	I	19PVT104	Analog IC Design	1.64	1.64	3.27	3.27	1.64	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	3.27	3.27
7	I	19PVL101	VLSI Design Laboratory-I	1.27	1.27	1.27	1.27	1.27	3.85	3.85	3.85	2.54	2.54	2.54	2.54	3.85	2.54	2.54


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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Master of Business Administration

Attainment of Program Outcomes

PROGRAMME : Master of Business Administration

ACADEMIC YEAR / SEMESTER : 2020-2021 / ODD

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	I	19BAT101	Economic Analysis for Business	3.06	3.69	2.43			2.43	2.44	2.43	3.06	3.68		1.82	3.06	1.22	1.22
2	I	19BAT102	Principles of Management	3.60		3.88	3.88	2.56	2.63	3.93	2.93	2.61	1.97	2.95	2.17	3.94	2.93	1.28
3	I	19BAT103	Accounting for Management	2.54	3.85	3.85	3.85	3.85				2.54			1.27	3.85		3.85
4	I	19BAT104	Legal Aspects of Business	1.23				1.23	2.46		3.73	2.46	3.73		1.23	1.23	2.46	
5	I	19BAT105	Organizational Behaviour	3.66		2.42				3.66	2.42	1.21	1.21	3.66	2.42	3.66	2.42	2.42
6	I	19BAT106	Statistics for Management	2.56	3.88	3.88	3.88	3.88							2.56	2.56	2.56	3.88
7	I	19BAT107	Total Quality Management	2.83		2.83		4.28		2.83	2.83	2.83	2.83			2.83	1.41	2.83
8	I	19BAL108	Spoken and Written Communication	3.26						3.94		3.26	3.26		4.94		3.26	3.30
9	III	19BAT301	International Business Management	2.34	1.84	1.84		1.77	2.34		2.34		2.34		0.96	2.34	1.84	
10	III	19BAT302	Strategic Management	1.70			1.70	1.12		1.12		1.12	1.12			1.70	1.12	
11	III	19BATH01	Entrepreneurship Development	1.34	0.44	0.44	0.88	0.44	0.88	0.88	1.34	1.34	0.88	0.44	0.44	1.34	0.88	1.34
12	III	19BATH02	Industrial Relationship and Labour Welfare	1.10	1.10	0.73	0.73	0.73		1.10	0.73		0.36	0.73	0.36	1.10	0.73	
13	III	19BATH04	Managerial Behaviour and Effectiveness	2.23	1.47	1.47			1.47	1.47	1.47	1.47		1.47		1.47	1.47	
14	III	19BATO04	Project Management	2.35		1.55			1.55	2.35		2.35	1.55			2.35	1.55	1.55
15	III	19BATO05	Service Operation Management	1.48		1.48			1.48	0.74	1.48	1.48	1.48		1.48		2.24	0.74
16	III	19BATO06	Supply Chain Management	2.14		1.41				1.41		1.41		1.41		1.41		1.41

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Department of Civil Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Civil Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19HST201	Communicative Techno English - II	4.00	4.10	4.36	3.89	3.90		
2	II	19CYT201	Environmental Science and Engineering	4.94	4.92	4.92	4.95	4.95		
3	II	19MAT201	Engineering Mathematics II	4.18	4.29	4.48	4.06	4.05		
4	II	19PHT201	Physics of Materials	4.95	4.91	4.93	4.95	4.94		
5	II	19GEE202	Basic Electrical and Electronics Engineering	4.63	4.63	4.55	4.58	4.60	4.62	
6	II	19MET201	Engineering Mechanics	4.43	4.28	4.47	4.28	4.25		
7	IV	19MAT403	Numerical Methods	2.23	2.24	2.23	2.26	2.25		
8	IV	19CET402	Construction Techniques, Equipment and Practice	2.23	2.24	2.23	2.26	2.25		
9	IV	19CET403	Applied Hydraulic Engineering	2.32	2.35	2.23	2.26	2.25		
10	IV	19CET404	Highway Engineering	2.27	2.28	2.24	2.24	2.26		
11	IV	19CEE401	Strength of Materials	2.28	2.29	2.30	2.29	2.29		
12	IV	19CEE402	Soil Mechanics	2.21	2.24	2.28	2.26	2.23		
REGULATION : 2017										
13	VI	CE8601	Design of Steel Structures	4.94	4.96	4.94	4.95	4.96		
14	VI	CE8602	Structural Analysis II	4.93	4.93	4.94	4.95	4.96		
15	VI	CE8603	Irrigation Engineering	4.95	4.96	4.97	4.98	4.99		
16	VI	CE8604	Highway Engineering	1.34	1.36	1.34	1.35			
17	VI	EN8592	Waste Water Engineering	4.94	4.96	4.93	4.97	4.95		
18	VI	CE 8001	Ground Improvement Techniques	1.36						
19	VI	CE8461	Highway Engineering Laboratory	4.94						
20	VI	CE8612	Irrigation and Environmental Engineering Drawing	4.93						
21	VI	HS8581	Professional Communication	4.95	4.93	4.92	4.93			
22	VIII	CE6016	Prefabricated Structures	4.94	4.96	4.94	4.95	4.96		
23	VIII	CE8091	Hydrology and Water Resources Engineering	4.97	4.98	4.99	4.98			
24	VIII	CE8711	Project Work	4.98						

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Department of Computer Science and Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19HST201	Communicative Techno English – II	4.29	4.36	4.36	4.31	4.33		
2	II	19CYT201	Engineering Mathematics – II	4.3	4.32	4.32	4.31	4.31		
3	II	19MAT201	Environmental Science And Engineering	4.5	4.49	4.51	4.51	4.5		
4	II	19PHT202	Solid State Physics And Nanoelectronic Devices	4.41	4.4	4.42	4.42	4.41		
5	II	19GET203	Basic Civil And Mechanical Engineering	3.9	3.86	3.81	3.73	3.73		
6	II	19CSE201	C Programming	4.44	4.45	4.48	4.44	4.44		
7	IV	19MAT401	Probability and Queuing Theory	4.77	4.79	4.83	4.86	4.85		
8	IV	19CST401	Design and Analysis of Algorithms	4.91	4.9	4.93	4.92	4.93		
9	IV	19CST402	Operating Systems	4.45	4.37	4.53	4.36	4.38		
10	IV	19CST403	Software Engineering	4.45	4.61	4.54	4.48	4.47		
11	IV	19CSE401	Database Management Systems	4.96	4.96	4.95	4.87	4.89		
12	IV	19ECE503	Microprocessors and Microcontrollers	4.71	4.63	4.68	4.55	4.67	4.61	
REGULATION : 2017										
13	VI	CS8651	Internet Programming	4.82	4.83	4.83	4.84	4.82		
14	VI	CS8691	Artificial Intelligence	4.65	4.66	4.67	4.67	4.66		
15	VI	CS8601	Mobile Computing	4.69	4.71	4.70	4.70	4.70		
16	VI	CS8602	Compiler Design	4.52	4.54	4.52	4.53	4.54		
17	VI	CS8603	Distributed Systems	4.59	4.64	4.63	4.63	4.61		
18	VI	CS8075	Data Warehousing and Data Mining	4.77	4.79	4.77	4.78	4.79		
19	VI	HS8581	Professional Communication	4.75	4.77	4.72	4.74	-		
20	VI	CS8661	Internet Programming Laboratory	4.81	4.82	4.83	4.84	4.82		
21	VI	CS8662	Mobile Application Development Laboratory	4.96	4.96	4.96	4.95	4.96		
22	VIII	IT8073	Information Security	3.98	4.00	3.98	3.99	4.00		
23	VIII	CS8080	Information Retrieval Techniques	3.98	4.00	3.98	3.99	4.00		
24	VIII	CS8811	Project Work	4.99						

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Department of Electronics and Communication Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Electronics and Communication Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19HST201	Communicative Techno English-II	4.54	4.52	4.57	4.58	4.58		
2	II	19CYT201	Environmental Science and Engineering	4.74	4.71	4.74	4.76	4.74		
3	II	19MAT201	Engineering Mathematics-II	4.89	4.78	4.78	4.96	4.96		
4	II	19PHT202	Solid State Physics and Nano Electronic Devices	4.64	4.64	4.76	4.79	4.79		
5	II	19GET203	Basic Civil and Mechanical Engineering	3.9	3.86	3.81	3.73	3.73		
6	II	19ECE201	Electronic Devices	4.67	4.64	4.71	4.81	4.815	4.85	
7	IV	19MAT402	Probability and Processes	4.97	4.98	4.98	4.97	4.96		
8	IV	19ECT401	Electromagnetic Fields	4.27	4.29	4.27	4.28	4.29		
9	IV	19ECT402	Measurements and Instrumentation	4.27	4.29	4.27	4.28	4.29		
10	IV	19EET403	Control System Engineering	4.41	4.41	4.4	4.38	4.41		
11	IV	19ECE401	Communication Theory	4.97	4.96	4.94	4.94	4.96	4.96	4.94
12	IV	19ECE402	Linear Integrated Circuits	5	4.99	4.99	4.97			
REGULATION : 2017										
13	VI	EC8095	VLSI Design	4.93	4.95	4.93	4.95	4.96		
14	VI	EC8691	Microprocessors and Microcontrollers	4.96	4.97	4.97	4.96			
15	VI	EC8651	Transmission Lines and RF systems	4.95	4.96	4.94	4.95	4.96		
16	VI	EC8652	Wireless Communication	4.96	4.97	4.98				
17	VI	EC8004	Wireless Networks	4.97	4.98	4.95	4.98			
18	VI	MG8591	Principles of Management	4.93	4.95					
19	VI	HS8581	Professional Communication	4.93	4.9	4.91	4.9			
20	VI	EC8611	Technical Seminar	4.93						
21	VI	EC8681	Microprocessors and Microcontrollers Laboratory	4.93	4.94	4.93	4.97	4.98		
22	VI	EC8661	VLSI Design Laboratory	4.95	4.94	4.98	4.97			
23	VI	HS8581	Professional Communication	4.93	4.9	4.91	4.9			
24	VIII	EC8094	Satellite Communication	4.95	4.96	4.94	4.95			
25	VIII	GE8076	Professional Ethics in Engineering	4.89						
26	VIII	EC8811	Project Work	4.93						

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Electrical and Electronics Engineering

Attainment of Course Outcomes

PROGRAMME : B.E. - Electrical and Electronics Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19HST201	Communicative Techno English - II	4.92	4.95	4.99	4.97	4.97		
2	II	19CYT201	Environmental Science and Engineering	4.75	4.76	4.79	4.76	4.75		
3	II	19MAT201	Engineering Mathematics - II	4.73	4.71	4.76	4.70	4.72		
4	II	19PHT202	Solid State Physics And Nano Electronic Devices	4.83	4.67	4.63	4.61	4.62		
5	II	19GET203	Basic Civil and Mechanical Engineering	4.24	4.32	4.31	4.16	4.17		
6	II	19EEE201	Circuit Theory	4.86	4.76	4.71	4.81	4.82	4.86	
7	IV	19MAT403	Numerical Methods	4.66	4.67	4.66	4.69	4.68		
8	IV	19EET401	Electrical and Electronic Measurements	4.96	4.98	4.93	4.96	4.97	4.98	
9	IV	19EET402	Generation, Transmission and Distribution	4.99	4.96	4.98	4.94	4.97	4.98	4.97
10	IV	19ECT404	Discrete Time System and Signal Processing	4.41	4.41	4.40	4.38	4.41		
11	IV	19EEE401	DC Machines and Transformers	5.00	4.99	4.99	4.97	4.99	4.98	
12	IV	19EEE402	Control Systems Engineering	4.70	4.72	4.72	4.70	4.72	4.71	
REGULATION : 2017										
13	VI	EE8601	Solid State Drives	4.80	4.82	4.80	4.81	4.83	4.82	
14	VI	EE8602	Protection and Switchgear	4.68	4.69	4.71	4.70	4.67	4.69	
15	VI	EE8691	Embedded Systems	4.98	4.96	4.96	4.98	4.97	4.95	
16	VI	EE8002	Design of Electrical Apparatus	4.96	4.95	4.94	4.93	4.97	4.98	
17	VI	EE8005	Special Electrical Machines	4.72	4.75	4.70	4.73	4.72	4.76	4.77
18	VI	EE8661	Power Electronics and Drives Laboratory	4.87	4.85	4.89	4.83	4.83	4.88	
19	VI	EE8681	Microprocessors and Microcontrollers Laboratory	4.97	4.98	4.98	4.98	4.98	4.98	
20	VI	EE8611	Mini Project	4.90						
21	VIII	EE8015	Electric Energy Generation, Utilization and Conservation	4.26	4.27	4.29	4.26	4.28	4.28	
22	VIII	EE8018	Microcontroller Based System Design	4.98	4.96	4.96	4.98	4.97	4.95	
23	VIII	EE8811	Project Work	4.96						

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Department of Mechanical Engineering
Attainment of Course Outcomes

PROGRAMME : B.E. - Mechanical Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19HST201	Communicative Techno English-II	3.64	3.62	3.64	3.59	3.60		
2	II	19CYT201	Environmental Science and Engineering	3.83	3.76	3.80	3.79	3.79		
3	II	19MAT201	Engineering Mathematics - ii	4.33	4.30	4.33	4.36	4.35		
4	II	19PHT201	Physics of Materials	3.77	3.73	3.75	3.73	3.73		
5	II	19GEE202	Basic Electrical and Electronics Engineering	4.32	4.33	4.33	4.26	4.27	4.32	
6	II	19MET201	Engineering Mechanics	3.58	3.54	3.62	3.51	3.52		
7	IV	19MAT404	Statistics and Numerical Methods	4.93	4.94	4.93	4.96	4.95		
8	IV	19MET401	Engineering Metallurgy	4.91	4.00	4.36	3.79	4.00		
9	IV	19MEE401	Thermal Engineering	4.86	4.90	4.96	4.91	4.90	4.94	
10	IV	19MEE402	Strength of Materials	4.58	4.58	4.58	4.58	4.56	4.49	
11	IV	19MEE403	Composite Materials and Mechanics	4.86	4.86	4.89	4.91	4.90	4.94	
12	IV*	19MEE404	Manufacturing Technology – II	4.45	4.38	4.48	4.50	4.49	4.13	
REGULATION : 2017										
13	VI	ME8651	Design of Transmission Systems	4.25	3.94	3.83	4.15	4.17		
14	VI	ME8691	Computer Aided Design and Manufacturing	4.27	4.26	4.26	4.25	4.27		
15	VI	ME8693	Heat and Mass Transfer	4.48	4.47	4.48	4.48	4.47		
16	VI	ME8692	Finite Element Analysis	4.64	4.65	4.65	4.65	4.65		
17	VI	ME8694	Hydraulics and Pneumatics	4.13	4.14	4.13	4.09	4.11		
18	VI	PR8592	Welding Technology	3.94	3.94	3.95	3.93	3.94		
19	VI	ME8681	CAD / CAM Laboratory	4.55	4.56					
20	VI	ME8682	Design and Fabrication Project	4.28	4.26	4.25	4.26	4.27		
21	VI	HS8581	Professional Communication	4.57	4.54	4.55	4.54			
22	VIII	MG8591	Principles of Management	4.57						
23	VIII	ME8094	Computer Integrated Manufacturing Systems	4.68	4.68	4.68	4.67	4.66		
24	VIII	ME8811	Project Work	4.83						

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Department of Civil Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Civil Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19HST201	Communicative Techno English - II					2.71		2.57	4.1	2.15	3.49	2.88	3.05		4.05	
2	II	19CYT201	Environmental Science and Engineering	2.44	2.93	3.59	2.93	2.44	2.28	3.61	3.05	1.63	3.27		1.63	4.6		1.96
3	II	19MAT201	Engineering Mathematics II	3.37	2.81	1.97	1.37	1.38	1.38	1.37	1.35	1.37	1.35	1.41	1.4	3.93	1.4	1.7
4	II	19PHT201	Physics of Materials	3.26	4.94	3.26	1.63	2.93								3.26		1.63
5	II	19GEE202	Basic Electrical and Electronics Engineering	3.35	3.35	3.35	3.35	2.14			1.52		3.04		1.52		3.04	1.52
6	II	19MET201	Engineering Mechanics	2.87	1.43					2.91	4.34				4.34	3.74	2.88	1.43
7	IV	19MAT403	Numerical Methods	1.93	1.48	1.48	0.74	0.74							0.74			1.33
8	IV	19CET402	Construction Techniques, Equipment and Practice	1.63	1.04	0.89	0.74									1.11		0.74
9	IV	19CET403	Applied Hydraulic Engineering	2.24	0.74		0.74									1.48		
10	IV	19CET404	Highway Engineering	1.64	1.88	1.5	1.19	0.99	1.04	1.23						1.49		0.75
11	IV	19CEE401	Strength of Materials	1.36	1.36										0.76	1.06		
12	IV	19CEE402	Soil Mechanics	1.78	1.19	0.92	1.11	1.12	0.74	0.74						1.94	1.24	

REGULATION : 2017

13	VI	CE8601	Design of Steel Structures	3.94	2.61	2.04	2.45	2.45					1.63			2.94	2.72	
14	VI	CE8602	Structural Analysis II	3.23	3.48	3.74	2.99	2.49				2.33	1.67			3.67	1.67	
15	VI	CE8603	Irrigation Engineering	3.96	2.95		3.29									3.28	1.97	1.64
16	VI	CE8604	Highway Engineering	0.67	0.44	0.44	0.44									0.44	0.44	0.44
17	VI	EN8592	Waste Water Engineering	3.94	3.28		3.28									3.27	1.63	1.64
18	VI	CE 8001	Ground Improvement Techniques	1.36	0.45			0.89	0.45	0.45						0.89		0.45
19	VI	CE8461	Highway Engineering Laboratory								1.63					1.63	1.63	1.63
20	VI	CE8612	Irrigation and Environmental Engineering Drawing	3.26												1.63	1.63	1.63
21	VI	HS8581	Professional Communication							3.68	2.86		2.44				4.93	
22	VIII	CE6016	Prefabricated Structures	2.04	1.96	1.63	1.63									1.63	1.63	1.63
23	VIII	CE8091	Hydrology and Water Resources Engineering	3.3	3.29	2.46	3.29	1.64	2.19	1.64		1.64				4.13	1.64	
24	VIII	CE8711	Project Work	3.29	1.64											1.64	1.64	

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Computer Science and Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19HST201	Communicative Techno English – II					2.88			4.36	2.37	3.74	2.88	3.23		4.33	
2	II	19CYT201	Engineering Mathematics – II	3.43	2.85	1.99	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	4.02	1.42	1.71
3	II	19MAT201	Environmental Science And Engineering	2.23	2.67	3.28	2.67	2.23	2.08	3.3	2.83	1.48	2.97		1.48	4.2		1.78
4	II	19PHT202	Solid State Physics And Nanoelectronic Devices	4.41	2.91	1.46	1.46	1.46	1.46	1.46						2.91		1.45
5	II	19GET203	Basic Civil And Mechanical Engineering	4.42	4.42	4.42	2.92	2.92								2.92	2.92	2.92
6	II	19CSE201	C Programming	2.94	2.94	4.45										1.47	1.47	1.47
7	IV	19MAT401	Probability and Queuing Theory	2.11	3.59	3.71	1.58	3.53	1.57	1.59	1.59	2.11	2.22	2.4	1.58	4.82	4.82	4.82
8	IV	19CST401	Design and Analysis of Algorithms	3.24	3.91	3.26						1.95	3.24		1.62	4.92	4.92	4.92
9	IV	19CST402	Operating Systems	1.75	3.22	2.04										4.42	4.42	4.42
10	IV	19CST403	Software Engineering	1.98	3.37	3.51	1.50	3.29	1.47	1.50	1.51	1.99	2.08	2.23	1.48	4.51	4.51	4.51
11	IV	19CSE401	Database Management Systems	1.63	1.95	4.59	2.84	1.95					1.61	1.61		1.60	1.60	1.60
12	IV	19ECE503	Microprocessors and Microcontrollers	4.64	4.64	4.64	1.53	1.53			1.52	1.52	1.52	1.53	2.05	3.06	1.53	1.53
REGULATION : 2017																		
13	VI	CS8651	Internet Programming	2.68	2.68	3.51					1.62	2.68	1.34		2.68	2.68	2.68	3.51
14	VI	CS8691	Artificial Intelligence	4.66	4.66	4.66										4.66	3.08	4.66
15	VI	CS8601	Mobile Computing	3.44	3.11	2.80										3.10	3.10	3.10
16	VI	CS8602	Compiler Design	1.79	2.69	2.99					2.26	1.75	2.09		2.09	2.99	2.99	2.99
17	VI	CS8603	Distributed Systems	2.39	3.03	3.97										4.59	4.59	4.59
18	VI	CS8075	Data Warehousing and Data Mining	3.16	3.16	4.78										1.58	1.58	1.58
19	VI	HS8581	Professional Communication						2.74				3.94		2.75		3.94	
20	VI	CS8661	Internet Programming Laboratory	4.83	3.18	4.5		1.59			1.91	3.18	1.59		3.18	4.83	4.83	4.83
21	VI	CS8662	Mobile Application Development Laboratory	1.64	2.62	3.28		2.96	1.96		1.87	1.64	1.96		1.64	4.96	4.96	4.96
22	VIII	IT8073	Information Security	2.63	3.99	3.99										3.99	3.99	3.99
23	VIII	CS8080	Information Retrieval Techniques	2.63	3.99	3.99										3.99	3.99	3.99
24	VIII	CS8811	Project Work	1.65	3.29	4.99	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	4.99	4.99	4.99

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Department of Electronics and Communication Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Electronics and Communication Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19HST201	Communicative Techno English-II					2.98		3.02	4.52	2.51	3.94	3.02	3.39		4.56	
2	II	19CYT201	Environmental Science and Engineering	2.34	2.81	3.45	2.81	2.34	2.19	3.47	2.96	1.57	3.13		1.57	4.42		1.88
3	II	19MAT201	Engineering Mathematics-II	3.87	3.22	2.25	1.63	1.62	1.62	1.63	1.64	1.63	1.64	1.61	1.62	4.55	1.61	1.92
4	II	19PHT202	Solid State Physics and Nano Electronic Devices	4.72	3.12	1.57	1.57	1.57	1.56	1.56						3.12		1.55
5	II	19GET203	Basic Civil and Mechanical Engineering	4.6	4.6	4.6	3.03	3.03								3.03	3.03	3.03
6	II	19ECE201	Electronic Devices	4.75	4.75	4.75	4.75	2.35	2.09					4.48	2.61	4.75	3.13	1.57
7	IV	19MAT402	Probability and Processes	3.63	3.28	3.28	1.64	1.64		1.64	1.64		1.64		1.97	4.63	1.64	1.64
8	IV	19ECT401	Electromagnetic Fields	3.01	3.01	3.84	3.01	2.41	3.06					2.73	3.02	4.54	3.01	3.01
9	IV	19ECT402	Measurements and Instrumentation	3.27	3.27	4.95	3.27	2.29	3.27					2.94	3.27	4.95	3.27	3.27
10	IV	19EET403	Control System Engineering	3.51	2.03	2.03	2.62	1.45	1.93	2.18	1.45	2.18	1.46	2.89	1.45	2.91	1.45	1.45
11	IV	19ECE401	Communication Theory	4.95	4.95	4.95	4.95	2.62	3.27					4.95	4.28	4.95	3.27	3.27
12	IV	19ECE402	Linear Integrated Circuits	4.99	4.99	4.99	4.99	3.29	2.88					4.99	4.56	4.99	3.29	3.29
REGULATION : 2017																		
13	VI	EC8095	VLSI Design	4.94	2.93	3.28	2.61	2.28	2.61					3.26	1.63	4.27	3.93	1.63
14	VI	EC8691	Microprocessors and Microcontrollers	4.96	3.28	2.87	3.28	2.46	2.46					3.28	1.64	4.96	3.28	2.46
15	VI	EC8651	Transmission Lines and RF systems	4.95	4.95	2.29	2.61	2.29	1.96					3.27	2.29	4.95	1.96	2.61
16	VI	EC8652	Wireless Communication	4.97	4.97	4.97	4.97	3.28	1.64					3.28	3.28	4.97	4.97	3.28
17	VI	EC8004	Wireless Networks	4.97	4.97	4.97	3.28	2.05	2.87					2.46	3.28	4.97	2.46	2.46
18	VI	MG8591	Principles of Management						4.94	4.94	4.94		3.26	4.94	4.94	1.63	4.94	1.63
19	VI	HS8581	Professional Communication				1.62	2.03	3.25	2.85		2.85					4.91	
20	VI	EC8611	Technical Seminar		4.93		3.26	1.58	4.93		3.26	3.26	4.93	1.63	4.93	4.93	3.26	3.26
21	VI	EC8681	Microprocessors and Microcontrollers Laboratory	4.95	4.95	4.95	4.95	3.29	2.29					3.94	4.62	4.95	3.6	2.29
22	VI	EC8661	VLSI Design Laboratory	4.96	4.96	4.96	4.96	4.12	2.86					2.86	2.86	4.96	3.27	3.27
23	VI	EC8611	Technical Seminar				1.62	2.03	3.25	2.85		2.85					4.91	
24	VIII	EC8094	Satellite Communication	4.95	4.95	4.95	4.95	2.45	2.46					1.63	2.04	4.95	4.95	4.95
25	VIII	GE8076	Professional Ethics in Engineering	1.61	3.22		3.22			4.89	4.89	3.22	3.22	3.22	3.22	1.61	4.89	1.61
26	VIII	EC8811	Project Work	4.93	4.93	4.93	4.93	4.93	3.26		3.26	4.93	4.93	4.93	3.26	4.93	3.26	4.93

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Department of Electrical and Electronics Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Electrical and Electronics Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19HST201	Communicative Techno English - II					3.26		3.28	4.95	2.73	4.28	3.29	3.69		4.96	
2	II	19CYT201	Environmental Science and Engineering	2.36	2.83	3.47	2.83	2.36	2.20	3.49	2.96	1.57	3.14		1.57	4.44		1.89
3	II	19MAT201	Engineering Mathematics - II	3.76	3.12	2.18	1.56	1.56	1.55	1.56	1.55	1.56	1.56	1.56	1.56	4.40	1.56	1.87
4	II	19PHT202	Solid State Physics And Nano Electronic Devices	4.67	3.08	1.53	1.53	1.53	1.54	1.54						3.08		1.55
5	II	19GET203	Basic Civil and Mechanical Engineering	4.24	4.24	4.24	2.80	2.80								2.80	2.80	2.80
6	II	19EEE201	Circuit Theory	4.80	4.80	4.80	4.80	4.80		3.17					3.17	4.80	4.80	4.80
7	IV	19MAT403	Numerical Methods	4.03	3.08	3.08	1.54	1.54							1.54			2.77
8	IV	19EET401	Electrical and Electronic Measurements	2.46	3.57	2.62	3.85	3.28	1.64	3	2.19	1.64	2.05	2.72	2.62	3.58	1.91	2.46
9	IV	19EET402	Generation, Transmission and Distribution	4.97	4.02	3.78	3.55	3.55		4.26					3.08	4.97	4.97	4.97
10	IV	19ECT404	Discrete Time System and Signal Processing	3.50	2.62	2.03	2.61	1.45	1.45	2.18	1.46	1.45	1.45	2.91	1.46	2.62	1.45	1.45
11	IV	19EEE401	DC Machines and Transformers	4.99	4.99	4.31	4.32	2.47					1.65	2.63	2.96	4.65	4.65	4.32
12	IV	19EEE402	Control Systems Engineering	3.75	2.18	2.18	2.8	1.55	2.07	2.34	1.55	2.33	1.55	3.1	1.56	3.11	1.56	1.56

REGULATION : 2017

S.No.	Semester	Subject Code	Subject Name	a	b	c	d	e	f	g	h	i	j	k	l	PSO1	PSO2	
13	VI	EE8601	Solid State Drives	2.40	2.40	2.20	2.20	2.20		2.20						2.20	2.00	
14	VI	EE8602	Protection and Switchgear	4.69	4.17	2.86	2.87	3.12		2.87					2.34	4.69	4.69	
15	VI	EE8691	Embedded Systems	4.97	3.28	3.28	3.28	2.62	1.64				1.64		4.63	4.97	2.62	
16	VI	EE8002	Design of Electrical Apparatus	4.95		3.27	3.60	3.28		1.91						4.95	3.28	
17	VI	EE8005	Special Electrical Machines	4.73		3.13	3.13	3.13			1.56					3.13	3.13	
18	VI	EE8661	Power Electronics and Drives Laboratory	3.86		3.48	3.48						4.03	3.48	3.48	3.76	3.48	
19	VI	EE8681	Microprocessors and Microcontrollers Laboratory	4.98		3.60	4.15						2.77	4.15	3.6	4.43	4.43	
20	VI	EE8611	Mini Project	4.90		4.90	4.90						4.90	4.90	4.90	4.90	4.90	
21	VIII	EE8015	Electric Energy Generation, Utilization and Conservation	3.55	3.31	2.60	1.98	1.88		2.12					2.12	2.82	2.82	
22	VIII	EE8018	Microcontroller Based System Design	4.97	3.28	3.28					2.95	2.95			3.28	4.97	1.64	
23	VIII	EE8811	Project Work	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Mechanical Engineering

Attainment of Program Outcomes

PROGRAMME : B.E. - Mechanical Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19HST201	Communicative Techno English-II					2.39		2.38	3.62	1.98	3.13	2.41	2.70		3.62	
2	II	19CYT201	Environmental Science and Engineering	4.36	2.88	1.42	1.42	1.42	1.44	1.44						2.88		1.45
3	II	19MAT201	Engineering Mathematics - ii	3.46	2.89	2.02	1.45	1.44	1.45	1.45	1.45	1.45	1.45	1.45	1.45	4.05	1.44	1.73
4	II	19PHT201	Physics of Materials	4.67	3.08	1.53	1.53	1.53	1.54	1.54						3.08		1.55
5	II	19GEE202	Basic Electrical and Electronics Engineering	3.13	3.13	3.13	3.13	2.00			1.42		2.82		1.42		2.84	1.42
6	II	19MET201	Engineering Mechanics	2.35	1.17					2.37	3.55				3.55	3.06	2.35	1.17
7	IV	19MAT404	Statistics and Numerical Methods	3.60	3.26	2.61	1.63	1.63	1.63	1.63		1.63			1.64	3.61	1.63	1.63
8	IV	19MET401	Engineering Metallurgy	3.57	3.24	1.62	1.62	3.23					3.24			3.24	4.91	1.62
9	IV	19MEE401	Thermal Engineering	3.80	2.29	2.73	2.44									2.44	3.26	1.63
10	IV	19MEE402	Strength of Materials	4.56	4.04	3.79	3.52									4.30	1.75	1.51
11	IV	19MEE403	Composite Materials and Mechanics	3.22	1.61	3.56	3.22	3.23	2.26	3.22			2.90	3.22	3.22	2.90	2.90	1.93
12	IV	19MEE404	Manufacturing Technology – II	3.55	2.21	2.96		3.73					2.95			2.95	4.46	1.47
REGULATION : 2017																		
13	VI	ME8651	Design of Transmission Systems		4.07		4.07			4.07						4.07	4.07	4.07
14	VI	ME8691	Computer Aided Design and Manufacturing		4.26	4.26		4.26								2.83	1.69	2.25
15	VI	ME8693	Heat and Mass Transfer	4.48	4.48	4.48	4.48				4.48	4.48				4.48	4.48	2.96
16	VI	ME8692	Finite Element Analysis	4.65	4.65		4.65					4.65				4.65	3.07	
17	VI	ME8694	Hydraulics and Pneumatics	4.11	4.11		4.11				4.11					3.55	3.83	2.71
18	VI	PR8592	Welding Technology	1.82	1.56	1.82	3.67	1.63	1.30	1.82	2.08	3.14				3.67	2.87	2.60
19	VI	ME8681	CAD / CAM Laboratory		4.56	4.56			4.56							4.56	4.56	
20	VI	ME8682	Design and Fabrication Project						1.41	4.28		4.28				4.28	4.28	2.82
21	VI	HS8581	Professional Communication				1.50	1.88	3.02	2.64		2.64					4.55	
22	VIII	MG8591	Principles of Management						4.57			4.57				4.57	4.57	3.02
23	VIII	ME8094	Computer Integrated Manufacturing Systems	1.54	4.67	1.54	1.54	4.04	1.54	1.54	1.54	4.67				2.47	2.78	2.70
24	VIII	ME8811	Project Work	4.83	4.83	4.83	3.19	1.59	4.83	4.83	1.59	3.19				4.83	4.83	4.83

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Computer Science and Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19PCT201	Network Design and Technologies	4.91	4.92	4.92	4.91	4.93	4.9	
2	II	19PCT202	Security Practices	4.97	4.98	4.98	-	-		
3	II	19PCT203	Internet of Things	4.956	4.942	4.948	4.95	4.946		
4	II	19PCT204	Big Data Analytics	3.29	3.29	3.29	3.29	3.29		
5	II	19PCP201	Cloud Computing Technologies	4.96	4.94	4.95	4.95	4.95		
6	II	19PCP209	Information Retrieval Techniques	4.38	4.38	4.38	4.38			
7	II	19PCL201	Data Analytics Laboratory	3.58	3.58	3.58	3.58			
8	IV	19PCJ401	Project Work Phase – II	4.96	4.94	4.95	4.95	4.95		

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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Civil Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - Structural Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19PST201	Advanced Steel Structures	4.68	4.69					
2	II	19PST202	Stability of Structures	4.69						
3	II	19PST203	Experimental Techniques	4.69	4.69					
4	II	19PST204	Finite Element Analysis of Structures	4.66						
5	II	19PSP204	Industrial Structures	4.68	4.69					
6	II	19PSP205	Prestressed Concrete	4.55	4.68					
7	II	19PSL201	Advanced Structural Engineering Laboratory	4.93	4.94					
8	II	19PSE201	Practical Training-I	5.00	5.00					
9	IV	19PSJ401	Project Work Phase-II	4.99						
10	IV	19PSE401	Practical Training-III	4.99	5.00					


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Department of Electronics and Communication Engineering

Attainment of Course Outcomes

PROGRAMME : M.E. - VLSI Design

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19PVT201	Testing Of VLSI Circuits	4.94	4.96	4.95				
2	II	19PVT202	VLSI Signal Processing	4.96						
3	II	19PVT203	Low Power VLSI Design	4.97	4.95					
4	II	19PVPX01	Device Modelling-I	4.93						
5	II	19PVPX06	Networks On Chip	4.96	4.94	4.96				
6	II	19PVPX09	Embedded System Design	4.3	4.25	4.31				
7	II	19PVL201	VLSI Design Laboratory-II	4.95						
8	II	19PVE201	Term Paper Writing and Seminar	4.97						


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Department of Master of Business Administration

Attainment of Course Outcomes

PROGRAMME : Master of Business Administration

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	CO1	CO2	CO3	CO4	CO5	CO6	CO7
1	II	19BAT201	Applied Operations Research	3.90						
2	II	19BAT202	Business Research Methods	4.72	4.71	4.79				
3	II	19BAT203	Financial Management	4.67						
4	II	19BAT204	Human Resource Management	4.72						
5	II	19BAT205	Information Management	4.02						
6	II	19BAT206	Operations Management	4.72						
7	II	19BAT207	Marketing Management	4.72						
8	II	19EEC211	Data Analysis and Business Modeling	4.72						


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Department of Computer Science and Engineering

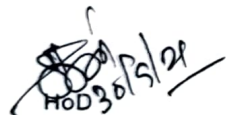
Attainment of Program Outcomes

PROGRAMME : M.E. - Computer Science and Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19PCT201	Network Design and Technologies	4.63	4.64	4.08	3.52	4.63	4.36	2.43	1.62	3.8	1.62	1.62	3.24	3.52	4.91	4.91
2	II	19PCT202	Security Practices	4.98	4.98	4.41	4.41	4.98	4.41	4.98	4.98	1.64	1.64	1.64	3.28	4.98	4.98	4.41
3	II	19PCT203	Internet of Things	4.95	4.95	4.61	4.95	1.63	1.63	1.63	4.66	1.63	1.63	1.63	3.27	4.95	4.95	4.95
4	II	19PCT204	Big Data Analytics	4.64	4.64	4.64	3.06	4.64	4.64	1.53	1.53	1.53	1.53	1.53	3.06	4.64	4.64	4.64
5	II	19PCP201	Cloud Computing Technologies	4.95	4.28	4.95	4.61	4.61	1.63	3.27	2.52	2.61	2.29	1.96	3.27	4.28	4.61	4.28
6	II	19PCP209	Information Retrieval Techniques	4.65	4.65	4.65	4.65	4.65	1.53	1.53	1.53	3.07	1.53	1.53	3.07	4.65	4.65	4.65
7	II	19PCL201	Data Analytics Laboratory	3.58	3.27	3.58	3.58	3.58	1.18	3.58	1.18	2.36	1.18	2.36	2.36	3.58	3.27	3.27
8	IV	19PCJ401	Project Work Phase – II	4.96	4.96	4.96	4.96	4.96	1.64	1.64	4.96	4.96	4.96	4.96	1.64	4.96	4.96	4.96


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Department of Civil Engineering

Attainment of Program Outcomes

PROGRAMME : M.E. - Structural Engineering

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19PST201	Advanced Steel Structures	2.32	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	2.32	1.55	1.55
2	II	19PST202	Stability of Structures	1.55	3.09	3.09	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
3	II	19PST203	Experimental Techniques	3.10	1.55	1.55	2.32	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	2.32	1.55	1.55
5	II	19PST204	Finite Element Analysis of Structures	4.66	1.54	1.54	1.54	3.07	1.54	1.54	1.54	1.54	3.07	1.54	1.54	1.54	1.54	1.54
6	II	19PSP204	Industrial Structures	2.32	2.32	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55
7	II	19PSP205	Prestressed Concrete	3.04	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
8	II	19PSL201	Advanced Structural Engineering Laboratory	4.93	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	2.44	1.63	1.63
9	II	19PSE201	Practical Training-I	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
10	IV	19PSJ401	Project Work Phase-II	3.29	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
11	IV	19PSE401	Practical Training-III	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65


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TIRUCHENGODE - 637 205 NAMAKKAL (Dt) TAMILNADU



Department of Electronics and Communication Engineering

Attainment of Program Outcomes

PROGRAMME : M.E. - VLSI Design

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
8	II	19PVT201	Testing Of VLSI Circuits	1.63	3.27	3.27	3.27	1.63	4.95	3.27	4.95	4.95	4.95	4.95	4.95	4.95	3.27	1.63
9	II	19PVT202	VLSI Signal Processing	1.64	1.64	1.64	1.64	3.27	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	3.27	3.27
10	II	19PVT203	Low Power VLSI Design	1.64	1.64	1.64	3.27	1.64	3.27	4.96	1.64	3.27	4.96	1.64	3.27	4.96	3.27	1.64
11	II	19PVPX01	Device Modelling-I	1.63	3.25	3.25	3.25	1.63	4.93	4.93	4.93	4.93	4.93	4.93	4.93	4.93	3.25	3.25
12	II	19PVPX06	Networks On Chip	1.63	4.95	4.95	4.95	1.63	4.95	3.27	4.95	3.27	4.95	3.27	4.95	4.95	2.18	1.63
13	II	19PVPX09	Embedded System Design	1.41	2.83	2.83	2.83	2.83	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	2.83	2.83
14	II	19PVL201	VLSI Design Laboratory-I	1.63	1.63	1.63	1.63	1.63	4.95	4.95	4.95	3.26	3.26	3.26	3.26	4.95	3.26	3.26
15	II	19PVE201	Term Paper Writing and Seminar	1.56	4.72	4.72	3.12	4.72	4.72	4.72	4.72	1.56	1.56	1.56	3.12	1.56	3.12	1.56


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Department of Master of Business Administration

Attainment of Program Outcomes

PROGRAMME : Master of Business Administration

ACADEMIC YEAR / SEMESTER : 2020-2021 / EVEN

REGULATION : 2019

S.No.	Semester	Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	II	19BAT201	Applied Operations Research	2.57	3.90	3.90	3.90	3.90							2.57		2.57	2.57
2	II	19BAT202	Business Research Methods	3.94	3.91	4.72	3.11	3.91		4.79	2.36		1.58		2.09	3.14	3.66	3.16
3	II	19BAT203	Financial Management	3.08	3.08	3.08	4.67	4.67			3.08	1.54				4.67		1.54
4	II	19BAT204	Human Resource Management	4.72	3.12	1.56				4.72	3.12	3.12		4.72	1.56	4.72	3.12	
5	II	19BAT205	Information Management			2.66	4.02		4.02		4.02		2.66		4.02		2.66	2.66
6	II	19BAT206	Operations Management	4.72	3.12		3.12	3.12	4.72			3.12	3.12			3.12	3.12	
7	II	19BAT207	Marketing Management	4.72	3.12	3.12	3.12	3.12			4.72	3.12	3.12	1.56	1.56	4.72	3.12	3.12
8	II	19EEC211	Data Analysis and Business Modeling	4.72	4.72	4.72	4.72									3.12	4.72	3.12

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