



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

2.6.2

PO & CO attainment for AY 2021-22





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PO Attainment

Humanities and Applied Sciences

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Semester I																
FEC101	Engineering Mathematics I	-	Shiksha Singh	Target Level	3.00	2.00	2.33	3.00	-	-	-	-	-	-	-	2.00
				Attainment Level	2.97	2.97	2.97	2.98	-	-	-	-	-	-	-	-
FEC102	Engineering Physics-I	-	Dr.Ajazul Haque/Deepak Dubey	Target Level	3.00	2.50	2.50	-	2.50	-	-	-	-	-	-	-
				Attainment Level	2.83	2.87	2.92	-	2.88	-	-	-	-	-	-	-
FEC103	Engineering Chemistry-I	-	Manju Mishra	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.87	-	2.87	-	-	-	-	-	-	-	-	-
FEC104	Engineering Mechanics	-	Sushil Mishra	Target Level	3.00	2.67	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	2.67	-	-	-	-	-	-	-	-	-	-
FEC105	Basic Electrical Engineering	-	Pratik Parsewar	Target Level	3.00	2.67	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
FEL101	Engineering Physics-I	-	Dr.Ajazul Haque/Deepak Dubey	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.88	2.86	2.86	-	2.85	-	-	-	-	-	-	-
FEL102	Engineering Chemistry-I	-	Manju Mishra	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.87	-	2.87	-	-	-	-	-	-	-	-	-
FEL103	Engineering Mechanics	-	Sushil Mishra	Target Level	3.00	-	-	-	-	-	-	3.00	3.00	-	-	-
				Attainment Level	3.00	-	-	-	-	-	-	-	-	3.00	3.00	-
FEL104	Basic Electrical Engineering	-	Pratik Parsewar	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
FEL105	Basic workshop practice-I	-	Sachin Patil	Target Level	2.00	-	-	-	2.00	2.00	-	-	-	-	-	-
				Attainment Level	0.59	-	-	-	0.59	0.59	-	-	-	-	-	-
Semester II																
FEC201	Engineering Mathematics-II	-	Shiksha Singh	Target Level	3.00	2.00	2.33	3.00	-	-	-	-	-	-	-	2.00





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				Attainment Level	2.28	2.28	2.27	2.19	-	-	-	-	-	-	-	2.28
FEC202	Engineering Physics-II	-	Dr.Ajazul Haque/Deepak Dubey	Target Level	3.00	2.50	2.67	2.50	-	-	-	-	-	-	-	3.00
				Attainment Level	2.71	2.80	2.80	2.79	-	-	-	-	-	-	-	-
FEC203	Engineering Chemistry-II	-	Manju Mishra	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.48	2.47	2.47	2.48	2.47	-	-	-	-	-	-	-
FEC204	Engineering Graphics	-	Sushil Mishra	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.99	2.98	-	-	-	-	-	-	-	-	-	-
FEC205	C-programming	-	Bhavika Thakur	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00
				Attainment Level	1.74	2.03	1.98	1.84	-	-	-	-	-	-	-	-
FEC206	Professional communication and ethics	-	Dr. Prashant Pawar/ Dr. Trupti Patil	Target Level	-	-	-	-	-	-	-	-	3.00	3.00	-	-
				Attainment Level	-	-	-	-	-	-	-	-	2.92	2.92	-	-
FEL201	Engineering Physics-II	-	Dr. Ajazul Haque/ Deepak Dubey	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.94	2.84	2.84	2.94	-	-	-	-	-	-	-	-
FEL202	Engineering Chemistry-II	-	Manju Mishra	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.48	2.47	2.47	2.48	2.47	-	-	-	-	-	-	-
FEL203	Engineering Graphics	-	Sushil Mishra	Target Level	3.00	-	-	-	-	-	-	3.00	3.00	-	-	-
				Attainment Level	3.00	-	-	-	-	-	-	3.00	3.00	-	-	-
FEL204	C-programming	-	Bhavika Thakur	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00
				Attainment Level	1.80	2.10	2.00	1.90	-	-	-	-	-	-	-	-
FEL205	Professional communication and ethics	-	Dr. Prashant Pawar/ Dr. Trupti Patil	Target Level	-	-	-	-	-	-	-	-	3.00	3.00	-	-
				Attainment Level	-	-	-	-	-	-	-	-	2.92	2.92	-	-
FEL206	Basic workshop practice-II	-	Sachin Patil	Target Level	2.00	-	-	-	2.00	2.00	-	-	-	-	-	-
				Attainment Level	0.60	-	-	-	0.60	0.60	-	-	-	-	-	-





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Civil Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Semester III																
CEC301	Engineering Mathematics III	A(Reg)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.90	2.90	2.90	-	-	-	-	-	-	-	-	-
CEC301	Engineering Mathematics III	A(Dse)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.90	2.90	2.90	-	-	-	-	-	-	-	-	-
CEC302	Mechanics Of Solids	A(Reg)	Arathy Menon	Target Level	-	1.50	1.00	1.00	1.00	1.00	-	-	-	-	-	-
				Attainment Level	-	1.13	1.13	1.13	1.13	1.13	-	-	-	-	-	-
CEC302	Mechanics Of Solids	A(Dse)	Arathy Menon	Target Level	-	1.50	1.00	1.00	1.00	1.00	-	-	-	-	-	-
				Attainment Level	-	1.13	1.13	1.13	1.13	1.13	-	-	-	-	-	-
CEC303	Engineering Geology	A(Reg)	Purva Awari	Target Level	2.00	2.00	1.20	1.30	-	-	-	-	-	-	-	-
				Attainment Level	1.26	1.26	1.05	1.27	-	-	-	-	-	-	-	-
CEC303	Engineering Geology	A(Dse)	Purva Awari	Target Level	2.00	2.00	1.20	1.30	-	-	-	-	-	-	-	-
				Attainment Level	1.26	1.26	1.05	1.27	-	-	-	-	-	-	-	-
CEC304	Architectural Planning and Design of Buildings	A(Reg)	Yadnesh Patil	Target Level	2.00	2.00	2.00	2.00	-	2.00	-	2.00	-	1.50	1.00	1.00
				Attainment Level	1.23	1.27	1.22	1.21	-	1.22	-	1.22	-	1.22	-	1.25
CEC304	Architectural Planning and Design of Buildings	A(Dse)	Yadnesh Patil	Target Level	2.00	2.00	2.00	2.00	-	2.00	-	2.00	-	1.50	1.00	1.00
				Attainment Level	1.23	1.27	1.22	1.21	-	1.22	-	1.22	-	1.22	-	1.25
CEC305	Fluid Mechanics-I	A(Reg)	Mayur Patel	Target Level	1.67	1.20	-	1.00	-	-	-	-	-	-	-	-
				Attainment Level	2.90	2.88	-	2.89	-	-	-	-	-	-	-	-
CEC305	Fluid Mechanics-I	A(Dse)	Mayur Patel	Target Level	1.67	1.20	-	1.00	-	-	-	-	-	-	-	-
				Attainment Level	2.90	2.88	-	2.89	-	-	-	-	-	-	-	-
CEC301	Engineering Mathematics III	B(Reg)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.29	1.29	1.29	-	-	-	-	-	-	-	-	-
CEC301	Engineering Mathematics III	B(Dse)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.29	1.29	1.29	-	-	-	-	-	-	-	-	-
CEC302	Mechanics of Solids	B(Reg)	Abhijit Wasave	Target Level	1.70	1.67	-	1.00	-	-	-	-	-	-	-	-





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				Attainment Level	2.88	2.90	-	2.90	-	-	-	-	-	-	-	-	
CEC302	Mechanics of Solids	B(Dse)	Abhijit Wasave	Target Level	1.70	1.67	-	1.00	-	-	-	-	-	-	-	-	
				Attainment Level	2.42	2.97	-	2.88	-	-	-	-	-	-	-	-	
CEC303	Engineering Geology	B(Reg)	Vishal Urade	Target Level	2.00	2.00	-	-	2.00	-	-	-	-	-	-	-	
				Attainment Level	1.15	1.11	-	-	1.06	-	-	-	-	-	-	-	
CEC303	Engineering Geology	B(Dse)	Vishal Urade	Target Level	2.00	2.00	-	-	2.00	-	-	-	-	-	-	-	
				Attainment Level	1.15	1.11	-	-	1.06	-	-	-	-	-	-	-	
CEC304	Architectural Planning and Design of Buildings	B(Reg)	Jimit Chotai	Target Level	2.00	2.00	2.00	2.00	-	2.00	-	2.00	-	1.50	1.00	1.00	
				Attainment Level	1.23	1.27	1.22	1.21	-	1.22	-	1.22	-	1.25	1.22	1.22	
CEC304	Architectural Planning and Design of Buildings	B(Dse)	Jimit Chotai	Target Level	2.00	2.00	2.00	2.00	-	2.00	-	2.00	-	1.50	1.00	1.00	
				Attainment Level	1.23	1.27	1.22	1.21	-	1.22	-	1.22	-	1.25	1.22	1.22	
CEC305	Fluid Mechanics-I	B(Reg)	Ashish Shetty	Target Level	1.67	1.20	-	1.00	-	-	-	-	-	-	-	-	
				Attainment Level	2.90	2.88	-	2.89	-	-	-	-	-	-	-	-	
CEC305	Fluid Mechanics-I	B(Dse)	Ashish Shetty	Target Level	1.67	1.20	-	1.00	-	-	-	-	-	-	-	-	
				Attainment Level	2.90	2.88	-	2.89	-	-	-	-	-	-	-	-	
CEM301	Mini Project 1A	A & B	Yadnesh Patil	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
Semester IV																	
CEC401	Engineering Mathematics IV	A(Reg)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.28	1.28	1.28	-	-	-	-	-	-	-	-	-	1.28
CEC401	Engineering Mathematics IV	B(Reg)	Ramashankar Prajapati	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.28	1.28	1.28	-	-	-	-	-	-	-	-	-	1.28
CEC402	Structural Analysis	A(Reg)	Pratibha Patil	Target Level	1.00	1.00	1.00	1.00	1.00	-	-	-	-	-	-	-	-
				Attainment Level	1.20	1.20	1.20	1.20	1.00	-	-	-	-	-	-	-	-
CEC402	Structural Analysis	B(Reg)	Meena Bhagat	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Attainment Level	1.30	1.30	1.30	1.30	1.30	-	-	-	-	-	-	-	-
CEC403	Surveying	A(Reg)	Yadnesh Patil	Target Level	2.00	2.00	2.00	1.00	-	1.00	-	-	-	-	-	-	-
				Attainment Level	1.37	1.17	1.17	1.06	-	1.37	-	-	-	-	-	-	-
CEC403	Surveying	B(Reg)	Abhijit Wasave	Target Level	2.00	2.00	2.00	1.00	-	1.00	-	-	-	-	-	-	-





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				Attainment Level	1.28	1.35	1.16	1.50	-	1.25	-	-	-	-	-	-
CEC404	Building Materials and Construction	A(Reg)	Asmita Mhatre	Target Level	2.00	2.50	2.50	2.75	-	-	-	-	-	-	-	-
				Attainment Level	1.38	1.38	1.38	1.38	-	-	-	-	-	-	-	-
CEC404	Building Materials and Construction	B(Reg)	Yadnesh Patil	Target Level	2.50	2.60	2.00	2.33	-	-	-	-	-	-	-	-
				Attainment Level	1.25	1.32	1.32	1.31	-	-	-	-	-	-	-	-
CEC405	Fluid Mechanics-II	A(Reg)	Mayur Patel	Target Level	2.00	2.00	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	1.15	1.11	-	-	1.06	-	-	-	-	-	-	-
CEC405	Fluid Mechanics-II	B(Reg)	Asmita Mhatre	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Attainment Level	1.38	1.38	1.38	1.38	-	-	-	-	-	-	-	-
CEM401	Mini Project 1B	A & B	Yadnesh Patil	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester V																
CEC501	Theory Of Reinforced Concrete Structures	A	Akshay Mistry	Target Level	1.00	2.00	1.00	1.50	1.00	1.00	1.00	2.00	1.00	1.00	-	-
				Attainment Level	1.38	1.38	1.38	1.38	1.39	1.30	1.39	1.20	1.20	1.20	-	-
CEC502	Applied Hydraulics	A	Asmita Mhatre	Target Level	3.00	3.00	2.66	2.66	-	-	-	-	-	-	-	-
				Attainment Level	2.97	2.93	2.93	2.93	-	-	-	-	-	-	-	-
CEC503	Geotechnical Engineering-I	A	Prashant Gondane	Target Level	2.00	1.00	-	2.00	-	-	-	-	-	-	-	-
				Attainment Level	2.94	2.91	-	2.95	-	-	-	-	-	-	-	-
CEC504	Transportation Engineering	A	Monica More	Target Level	1.00	1.00	1.33	2.00	1.00	1.00	1.00	-	1.00	1.00	-	-
				Attainment Level	1.32	1.16	1.32	1.32	1.32	1.32	1.24	-	1.16	1.24	-	-
CEDLO5017	Department Level Optional Course 1 (Advance Concrete Technology)	A	Vishal Urade	Target Level	2.67	2.67	2.67	2.67	2.00	2.00	-	-	-	-	-	-
				Attainment Level	2.50	2.50	2.48	2.50	2.48	2.52	-	-	-	-	-	-
CEC501	Theory Of Reinforced Concrete Structures	B	Pratibha Patil	Target Level	1.00	2.00	1.00	1.50	1.00	1.00	1.00	2.00	1.00	1.00	-	-
				Attainment Level	1.38	1.38	1.38	1.38	1.39	1.30	1.39	1.20	1.20	1.20	-	-
CEC502	Applied Hydraulics	B	Ashish Shetty	Target Level	3.00	3.00	2.66	2.66	-	-	-	-	-	-	-	-
				Attainment Level	2.97	2.93	2.93	2.93	-	-	-	-	-	-	-	-
CEC503	Geotechnical Engineering-I	B	Arathy Menon	Target Level	-	1.50	1.00	1.00	1.00	1.00	-	-	-	-	-	-
				Attainment Level	-	1.13	1.13	1.13	1.13	1.13	-	-	-	-	-	-
CEC504	Transportation Engineering	B	Ramya Raju	Target Level	1.00	1.30	1.20	1.00	-	-	-	-	-	-	-	





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				Attainment Level	1.00	1.23	1.65	1.13	-	-	-	-	-	-	-	-
CEDLO5017	Advance Concrete Technology	B	Asmita Mhatre	Target Level	2.50	3.00	2.00	2.33	-	-	-	-	-	-	-	-
				Attainment Level	2.00	1.32	1.32	1.31	-	-	-	-	-	-	-	-
CEM501	Mini Project 2A	A & B	Asmita Mhatre	Target Level	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00	-	3.00
Semester VI																
CEC601	Design And Drawing of Steel Structure	A(Reg)	Mayur Patel	Target Level	2.00	2.00	2.00	1.00	-	1.00	-	-	-	-	-	-
				Attainment Level	1.37	1.17	1.17	1.06	-	1.37	-	-	-	-	-	-
CEC601	Design And Drawing of Steel Structure	B(Reg)	Abhijit Wasave	Target Level	2.00	2.00	2.00	1.00	-	1.00	-	-	-	-	-	-
				Attainment Level	1.37	1.25	1.15	1.50	-	1.40	-	-	-	-	-	-
CEC602	Water Resource Engineering	A(Reg)	Ramya Raju	Target Level	1.00	1.50	-	1.00	-	-	-	-	-	-	-	-
				Attainment Level	1.25	1.33	-	1.30	-	-	-	-	-	-	-	-
CEC602	Water Resource Engineering	B(Reg)	Vishal Urade	Target Level	2.00	2.00	2.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	0.80	1.80	1.60	-	-	-	1.70	-	-	-	-	-
CEC603	Geotechnical Engineering II	A(Reg)	Arathy Menon	Target Level	1.00	2.00	2.00	1.00	1.00	1.00	-	1.00	-	-	-	-
				Attainment Level	1.34	1.35	1.35	1.35	1.34	1.37	-	1.37	-	-	-	-
CEC603	Geotechnical Engineering II	B(Reg)	Ashish Shetty	Target Level	2.00	2.00	2.00	-	-	1.00	-	-	-	-	-	1.00
				Attainment Level	2.93	2.93	2.94	-	-	2.91	-	-	-	-	-	-
CEC604	Environmental Engineering	A(Reg)	Jimit Chotai	Target Level	2.00	2.00	1.33	1.33	-	-	2.00	-	1.00	1.00	2.00	2.00
				Attainment Level	1.25	1.26	1.24	1.27	-	-	1.26	-	1.30	1.38	1.30	1.22
CEC604	Environmental Engineering	B(Reg)	Purva Awari	Target Level	2.00	2.00	1.20	1.30	-	-	-	-	-	-	-	-
				Attainment Level	1.26	1.26	1.05	1.27	-	-	-	-	-	-	-	-
CEDL013	Construction Equipment and Techniques	A(Reg)	Vishal Urade	Target Level	2.00	2.00	2.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	1.00	0.90	1.20	-	-	-	1.20	-	-	-	-	-
CEDL013	Construction Equipment and Techniques	B(Reg)	Jimit Chotai	Target Level	1.50	2.00	2.00	-	2.00	2.00	-	2.00	-	1.50	2.00	1.50
				Attainment Level	1.20	1.38	1.30	-	1.30	1.07	-	1.34	-	1.23	1.07	1.07
CEM601	Mini Project 2B	A & B	Asmita Mhatre	Target Level	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	-	3.00	-	3.00	-	3.00
Semester VII																





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CEC701	Quantity Survey ,Estimation and Valuation	A	Abhijit Wasave	Target Level	2.00	2.00	-	2.00	-	2.00	-	-	-	-	-	
				Attainment Level	2.90	2.80	-	2.80	-	2.90	-	-	-	-	-	-
CEC702	Theory Of Reinforced Concrete Structures	A	Mayur Patel	Target Level	2.00	2.00	2.00	-	-	1.00	-	-	-	-	1.00	
				Attainment Level	2.00	2.00	2.00	-	-	1.00	-	-	-	-	-	1.00
CEC703	Water Resource Engineering II	A	Lissy Jose	Target Level	3.00	2.50	2.50	-	-	-	-	-	-	-	-	
				Attainment Level	2.93	2.93	2.93	-	-	-	-	-	-	-	-	-
CECDLO704 2	Solid Waste Management	A	Purva Awari	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Attainment Level	1.25	1.50	2.40	-	-	-	-	-	-	-	-	-
ILO7017	Disaster Management	A	Yadnesh Patil	Target Level	1.67	-	-	-	2.00	1.67	2.33	-	1.00	-	1.67	2.00
				Attainment Level	1.36	-	-	-	1.33	1.35	1.38	-	1.35	-	1.36	1.35
CEC701	Quantity Survey ,Estimation and Valuation	B	Prashant Gondane	Target Level	2.00	2.00	-	2.00	-	2.00	-	-	-	-	-	
				Attainment Level	2.92	2.90	-	2.98	-	2.88	-	-	-	-	-	-
CEC702	Theory Of Reinforced Concrete Structures	B	Meena Bhagat	Target Level	2.00	2.00	2.00	-	-	1.00	-	-	-	-	1.00	
				Attainment Level	2.00	2.00	2.00	-	-	1.00	-	-	-	-	-	1.00
CEC703	Water Resource Engineering II	B	Ramya Raju	Target Level	2.00	1.50	2.00	1.33	1.25	1.00	1.10	-	-	-	-	
				Attainment Level	1.36	1.22	1.00	1.35	1.26	1.50	1.00	-	-	-	-	-
CECDLO704 2	Solid Waste Management	B	Monica More	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Attainment Level	1.25	1.50	2.40	-	-	-	-	-	-	-	-	-
ILO7017	Disaster Management	B	Jimit Chotai	Target Level	1.67	-	-	-	2.00	1.67	2.33	-	1.00	-	1.67	2.00
				Attainment Level	1.36	-	-	-	1.33	1.35	1.38	-	1.35	-	1.36	1.35
CEP701	Major Project - I	A & B	Abhijit Wasave	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester VIII																
CEC801	Design And Drawing of Reinforced Concrete Structure	A(Reg)	Akshay Mistry	Target Level	-	-	1.00	-	-	-	-	-	-	-	-	
				Attainment Level	-	-	0.53	-	-	-	-	-	-	-	-	
CEC801	Design And Drawing of Reinforced Concrete Structure	B(Reg)	Pratibha Patil	Target Level	-	-	1.00	-	-	-	-	-	-	-		
				Attainment Level	-	-	0.53	-	-	-	-	-	-	-	-	
CEC802	Construction Management	A(Reg)	Lissy Jose	Target Level	2.67	2.67	2.67	2.67	2.00	2.00	-	-	-	-	-	
				Attainment Level	2.47	2.48	2.48	2.48	2.48	2.52	-	-	-	-	-	-





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CEC802	Construction Management	B(Reg)	Prashant Gondane	Target Level	2.67	2.67	2.67	2.67	2.00	2.00	-	-	-	-	-	-
				Attainment Level	2.47	2.48	2.48	2.48	2.48	2.52	-	-	-	-	-	-
CEDLO8032	Industrial Waste Management	A(Reg)	Prashant Gondane	Target Level	2.00	1.50	-	-	-	-	2.00	-	-	-	-	-
				Attainment Level	2.92	2.90	-	-	-	-	1.60	-	-	-	-	-
CEDLO8032	Industrial Waste Management	B(Reg)	Purva Awari	Target Level	2.67	2.67	2.67	2.67	2.00	2.00	-	-	-	-	-	-
				Attainment Level	2.50	2.50	2.48	2.50	2.48	2.52	-	-	-	-	-	-
ILO8021	Project Management	A(Reg)	Ashish Shetty	Target Level	1.67	-	-	-	2.00	1.67	2.33	-	1.00	-	1.67	2.00
				Attainment Level	1.36	-	-	-	1.33	1.35	1.38	-	1.35	-	1.36	1.35
ILO8021	Project Management	B(Reg)	Arathy Menon	Target Level	-	1.00	2.00	2.00	1.00	1.00	1.00	-	1.00	-	-	-
				Attainment Level	-	1.34	1.35	1.35	1.35	1.34	1.37	-	1.37	-	-	-
CEP801	Major Project -II	A & B	Abhijit Wasave	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00





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Computer Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Semester III																
CSC301	Applied Mathematics-III	-	Shiksha Singh	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.48	1.48	1.48	-	-	-	-	-	-	-	-	-
CSC302	Discrete Structures and Graph Theory	-	Kirtida Naik	Target Level	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	3.00	2.84	-	-	-	-	-	-
CSC303	Data Structure	-	Janhavi Sangoi	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.80	2.60	2.80	2.80	2.80	-	-	-	-	2.80	-	-
CSC304	Digital Logic & Computer Organization and Architecture	-	Akshata Raut	Target Level	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-	3.00
				Attainment Level	2.80	3.00	-	2.80	2.60	2.60	-	-	-	-	-	-
CSC305	Computer Graphics	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.84	2.84	2.84	-	-	-	-	-	-	-	-	-
CSL301	Data Structure Lab	-	Janhavi Sangoi	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-	-
				Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	3.00	-	-
CSL302	Digital Logic & Computer Organization and Architecture Lab	-	Akshata Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
CSL303	Computer Graphics Lab	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-
				Attainment Level	2.16	2.16	2.24	2.08	1.92	-	-	1.92	-	-	-	-
CSL304	Skill base Lab course : Object Oriented Programming with Java	-	Umesh Mohite / Monali Pimpale	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	-	-	-
				Attainment Level	1.08	1.08	2.36	1.08	1.08	-	-	-	1.08	-	-	-
CSM301	Mini Project – 1A	-	Janhavi Sangoi / Reshma Chaudhari / Akshata Raut	Target Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00
				Attainment Level	-	-	1.72	1.72	1.72	-	1.72	1.72	1.72	-	1.72	1.72
Semester IV																
CSC401	Applied Mathematics-IV	-	Shiksha Singh	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.48	1.48	1.48	-	-	-	-	-	-	-	-	-
CSC402	Analysis of Algorithm	-	Akshata Raut	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	





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				Attainment Level	2.80	2.80	2.40	2.60	2.60	2.40	-	-	-	-	-	-
CSC403	Database Management System	-	Vinit Raut	Target Level	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	1.72	1.72	-	1.52	1.72	-	-	-	-	-	-	-
CSC404	Operating System	-	Bhavika Thakur	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.28	2.00	2.00	2.00	-	-	-	-	-	-	-	-
CSC405	Microprocessor	-	Bhavika Thakur	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	1.56	1.20	1.20	1.36	1.36	-	-	-	-	-	-	-
CSL401	Analysis of Algorithm Lab	-	Akshata Raut	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	3.00	2.64	3.00	2.64	-	-	-	-	-	-	-	-
CSL402	Database Management System Lab	-	Vinit Raut	Target Level	3.00	-	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	-	-	-	3.00	-	-	-	-	-	-	-
CSL403	Operating System Lab	-	Bhavika Thakur / Kirtida Naik	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.10	2.20	2.10	2.22	2.11	-	-	-	-	-	-	-
CSL404	Microprocessor Lab	-	Bhavika Thakur	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	-	1.56	1.40	1.56	1.40	-	-	-	-	-	-	-
CSL405	Skill Base Lab Course: Python Programming	-	Janhavi Sangoi / Vinit Raut	Target Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
CSM401	Mini Project – 1 B	-	Janhavi Sangoi	Target Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00
				Attainment Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00
Semester V																
CSC501	Theoretical Computer Science	-	Bhavika Thakur	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	-	2.28	2.48	2.64	2.28	-	-	-	-	-	-	-
CSC502	Software Engineering	-	Kirtida Naik	Target Level	-	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	-	2.64	2.80	-	2.64	-	-	-	-	-	-	-
CSC503	Computer Network	-	Vinit Raut	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.84	2.68	2.52	2.68	2.84	-	-	-	-	-	-	-
CSC504	Data warehousing & Mining	-	Saniket Kudoo	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	-
				Attainment Level	2.33	2.33	2.33	2.33	2.33	-	-	-	-	-	-	2.33
CSDLO5012	Internet Programming	-	Umesh Mohite	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-





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				Attainment Level	2.28	2.28	2.28	2.28	2.28	-	-	-	-	-	-	-	
CSL501	Software Engineering Lab	-	Kirtida Naik	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Attainment Level	-	2.80	2.80	2.80	2.84	-	-	-	-	-	-	-	
CSL502	Computer Network Lab	-	Vinit Raut	Target Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Attainment Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-	
CSL503	Data Warehousing & Mining Lab	-	Saniket Kudoo	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	
				Attainment Level	2.35	2.37	2.40	-	2.40	-	-	-	-	-	-	-	
CSL504	Professional Comm. & Ethics II	-	Dr. Trupti Patil	Target Level	3.00	-	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00	
				Attainment Level	2.91	-	-	-	-	-	-	2.89	2.89	2.89	2.91	2.91	
CSM501	Mini Project: 2 A	-	Umesh Mohite / Vinit Raut / Saniket Kudoo	Target Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00	
				Attainment Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00	
Semester VI																	
CSC601	System Programming & Compiler Construction	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00
				Attainment Level	2.68	2.68	2.68	2.84	1.92	-	-	-	-	-	-	-	2.68
CSC602	Cryptography & System Security	-	Umesh Mohite	Target Level	3.00	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.11	2.10	2.08	2.07	-	-	-	-	-	-	-	-	-
CSC603	Mobile Computing	-	Saniket Kudoo	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-
CSC604	Artificial Intelligence	-	Kirtida Naik	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	2.84	2.84	-	-	-	-	-	-	-	-	-
CSDLO6011	Internet of Things	-	Janhavi Sangoi	Target Level	3.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-	-
				Attainment Level	2.50	2.84	2.68	-	2.68	-	-	-	-	-	-	-	-
CSL601	System Programming & Compiler Construction Lab	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-	-
				Attainment Level	2.16	2.16	2.24	2.08	1.92	-	-	1.92	-	-	-	-	-
CSL602	Cryptography & System Security Lab	-	Umesh Mohite	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-	-
				Attainment Level	2.73	2.72	2.58	2.24	2.70	-	-	-	-	2.74	-	-	-
CSL603	Mobile Computing Lab	-	Saniket Kudoo	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-	-
				Attainment Level	2.33	2.16	2.33	2.08	1.80	-	-	1.80	-	-	-	-	-
CSL604	Artificial Intelligence Lab	-	Kirtida Naik	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	2.00





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				Attainment Level	-	2.36	2.00	2.20	-	-	-	-	-	-	-	2.36	
CSL605	Skill base Lab Course: Cloud Computing	-	Umesh Mohite / Saniket Kudoo / Akshata Raut	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	3.00	
				Attainment Level	3.00	3.00	3.00	-	2.16	3.00	-	-	-	-	-	-	3.00
CSM601	Mini Project Lab: 2B	-	Sunita Naik / Reshma Chaudhari	Target Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	-	3.00	3.00	
				Attainment Level	-	-	3.00	3.00	3.00	-	3.00	3.00	3.00	3.00	-	3.00	3.00
Semester VII																	
CSC701	Digital Signal & Image Processing	-	Sunita Naik	Target Level	3.00	3.00	3.00	3.00	3.00	-	3.00	-	-	-	-	-	
				Attainment Level	3.00	3.00	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-
CSC702	Mobile Communication & Computing	-	Pallavi Raut	Target Level	3.00	3.00	-	3.00	3.00	3.00	3.00	-	-	-	-	-	
				Attainment Level	3.00	3.00	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-
CSC703	Artificial Intelligence & Soft Computing	-	Ashwini Save	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	-	-	-	-	
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	-	-	-	-	-
CSDLO7031	Advance System Security & Digital Forensics	-	Monali Pimpale	Target Level	3.00	3.00	3.00	-	3.00	-	-	3.00	-	-	-	-	
				Attainment Level	3.00	3.00	3.00	-	3.00	-	-	3.00	-	-	-	-	-
ILO7016	Cyber Security and Laws	-	Bhavika Thakur	Target Level	-	3.00	-	3.00	-	3.00	-	3.00	-	-	-	3.00	
				Attainment Level	-	3.00	-	3.00	-	3.00	-	3.00	-	3.00	-	-	-
CSL701	Digital Signal & Image Processing Lab	-	Sunita Naik	Target Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Attainment Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-	-
CSL702	Mobile App. Development. Tech. Lab	-	Pallavi Raut	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Attainment Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
CSL703	Artificial Intelligence & Soft Computing Lab	-	Ashwini Save	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Attainment Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
CSL704	Computational Lab-I	-	Monali Pimpale	Target Level	-	-	-	-	3.00	-	-	-	-	-	-	-	
				Attainment Level	-	-	-	-	3.00	-	-	-	-	-	-	-	-
CSP705	Major Project-I	-	Akshaya Prabhu	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	
				Attainment Level	1.80	1.60	1.60	-	1.80	1.80	-	-	-	-	-	-	-
Semester VIII																	
CSC801	Human Machine Interaction	-	Ashwini Save	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	3.00	3.00
				Attainment Level	2.84	2.84	2.52	-	2.68	-	-	-	-	-	-	-	2.84





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CSC802	Distributed Computing	-	Sunita Naik	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
				Attainment Level	3.00	2.84	2.84	2.52	2.68	2.84	-	-	-	-	-	-
CSDLO8012	Natural Language Processing	-	Monali Pimpale	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-
				Attainment Level	3.00	3.00	3.00	2.84	2.68	-	-	-	-	2.68	-	-
ILO8021	Project Management	-	Pallavi Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	3.00	3.00
				Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	3.00	3.00
CSL801	Human Machine Interaction Lab	-	Ashwini Save	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
CSL802	Distributed Computing Lab	-	Sunita Naik	Target Level	-	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
				Attainment Level	-	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
CSL803	Cloud Computing Lab	-	Pallavi Raut / Monali Pimpale	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.68	2.52	2.52	2.68	2.68	-	-	-	-	-	-	-
CSL804	Computational Lab-II	-	Monali Pimpale	Target Level	-	-	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	-	-	-	-	3.00	-	-	-	-	-	-	-
CSP805	Major Project-II	-	Akshaya Prabhu	Target Level	3.00	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-	-
				Attainment Level	2.84	-	-	2.81	2.84	-	-	2.84	2.84	2.84	-	-





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Electrical Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12		
Semester III																		
EEC301	Engineering Mathematics-III	-	Bhagyashree Netke	Target Level	2.50	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-	-		
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
EEC302	Electrical Circuit Analysis	-	Mukeshkumar Mishra	Target Level	3.00	2.00	2.00	3.00	3.00	-	-	-	-	-	-	3.00		
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Indirect Attainment Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
EEC303	Fundamentals of Electrical Machines & Measurements	-	Ritesh Chavan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-		
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.40	2.87	-	-	-	-	-	-	-	-	-	-	-	-
EEC304	Electrical Power System I	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-		
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
EEC305	Analog Electronics	-	Bhushan Save	Target Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	-		
				Direct Attainment Level	2.10	2.06	2.00	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-	-	-
EEL301	Electrical Machines & Measurements Lab	-	Ritesh Chavan	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-		
				Direct Attainment Level	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.50	-	-	-	-	-	-	-	-	-	-	-	-	-
EEL302	Electronics Lab-I	-	Bhushan Save	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-	-		
				Direct Attainment Level	2.50	3.00	-	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.33	2.50	-	-	-	-	-	-	-	-	-	-	-	-
EEL303	Simulation Lab-I	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	-	3.00	-	-	-	-	-	-		
				Direct Attainment Level	3.00	2.00	2.00	-	-	1.50	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	2.00	2.00	-	-	2.00	-	-	-	-	-	-	-	-





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EEL304	Applied Electrical Engineering Lab (SBL)	-	Anojkumar Yadav	Target Level	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-	
				Direct Attainment Level	1.50	0.25	-	-	0.00	3.00	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-	
EEM301	Mini Project – 1A	-	Mukeshkumar Mishra	Target Level	2.00	-	-	2.00	-	2.00	2.00	2.00	2.00	2.00	-	2.00
				Direct Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
				Indirect Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
Semester III (DSE)																
EEC301	Engineering Mathematics-III	-	Bhagyashree Netke	Target Level	2.50	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	2.60	3.00	3.00	2.60	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	
EEC302	Electrical Circuit Analysis	-	Mukeshkumar Mishra	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
EEC303	Fundamentals of Electrical Machines & Measurements	-	Ritesh Chavan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.93	3.00	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	
EEC304	Electrical Power System I	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
EEC305	Analog Electronics	-	Bhushan Save	Target Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.60	2.50	2.20	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-	
EEL301	Electrical Machines & Measurements Lab	-	Ritesh Chavan	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	-	-	-	-	-	-	-	-	-	-	
EEL302	Electronics Lab-I	-	Bhushan Save	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.66	2.50	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	1.33	1.00	-	-	-	-	-	-	-	-	-	
EEL303	Simulation Lab-I	-		Target Level	3.00	3.00	3.00	-	-	3.00	-	-	-	-		





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			Kavita Mhaskar	Direct Attainment Level	2.50	2.00	3.00	-	-	2.00	-	-	-	-	-
			Kavita Mhaskar	Indirect Attainment Level	2.00	2.00	1.00	-	-	1.00	-	-	-	-	-
EEL304	Applied Electrical Engineering Lab (SBL)	-	Anojkumar Yadav	Target Level	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-
			Anojkumar Yadav	Direct Attainment Level	0.00	0.25	-	-	0.50	3.00	-	-	-	-	-
			Anojkumar Yadav	Indirect Attainment Level	1.00	2.00	-	-	2.00	2.00	-	-	-	-	-
EEM301	Mini Project – 1A	-	Mukeshkumar Mishra	Target Level	2.00	-	-	2.00	-	2.00	2.00	2.00	2.00	2.00	2.00
			Mukeshkumar Mishra	Direct Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	3.00
			Mukeshkumar Mishra	Indirect Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	3.00
Semester IV															
EEC401	Engineering Mathematics-IV	-	Bhagyashree Netke	Target Level	2.50	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-
			Bhagyashree Netke	Direct Attainment Level	3.00	3.00	2.84	2.68	2.84	3.00	-	-	-	-	-
			Bhagyashree Netke	Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-
EEC402	Electrical AC Machines-I	-	Sangita Kamble	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
			Sangita Kamble	Direct Attainment Level	2.90	2.86	2.60	-	-	-	-	-	-	-	-
			Sangita Kamble	Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEC403	Digital Electronics	-	Bhushan Save	Target Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-
			Bhushan Save	Direct Attainment Level	2.00	2.00	1.75	-	-	-	-	-	-	-	-
			Bhushan Save	Indirect Attainment Level	3.00	2.50	3.00	-	-	-	-	-	-	-	-
EEC404	Power Electronic Devices and Circuits	-	Chitralekha Vangala	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
			Chitralekha Vangala	Direct Attainment Level	1.20	1.40	1.20	-	-	-	-	-	-	-	-
			Chitralekha Vangala	Indirect Attainment Level	3.00	3.00	1.00	-	-	-	-	-	-	-	-
EEC405	Electric and Hybrid Electric Vehicles	-	Mukeshkumar Mishra	Target Level	3.00	2.00	2.00	3.00	3.00	-	-	-	-	-	3.00
			Mukeshkumar Mishra	Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00
			Mukeshkumar Mishra	Indirect Attainment Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	2.00
EEL401	Electrical AC Machines Lab I	-	Sangita Kamble	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
			Sangita Kamble	Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
			Sangita Kamble	Indirect Attainment Level	2.00	1.00	2.00	-	-	-	-	-	-	-	-
EEL402		-	Saniket Kudoo	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
			Saniket Kudoo	Direct Attainment Level	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-





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	Python Programming Lab			Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
EEL403	Electronics Lab II	-	Bhushan Save	Target Level	3.00	3.00	3.00	-	2.50	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	2.00	-	3.00	-	-	-	-	-	-	-
EEL404	PCB Design and Fabrication Lab (SBL)	-	Mukeshkumar Mishra	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.00	3.00	2.00	-	-	-	-	-	-	-	-	-
EEM401	Mini Project – 1B	-	Mukeshkumar Mishra	Target Level	2.00	-	-	2.00	-	2.00	2.00	2.00	2.00	2.00	-	2.00
				Direct Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
				Indirect Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
Semester V																
EEC501	Electrical AC Machines-II	-	Piyali Mondal	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.20	2.20	2.20	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	1.00	1.00	1.00	-	-	-	-	-	-	-	-	-
EEC502	Electrical Power System-II	-	Ritesh Chavan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.80	2.60	-	-	-	-	-	-	-	-	-	-
EEC503	Control System	-	Chitralekha Vangala	Target Level	3.00	2.50	2.50	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
EEC504	Electromagnetic Field and Wave	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-
				Direct Attainment Level	3.00	2.60	2.80	3.00	-	2.80	-	-	-	-	-	-
				Indirect Attainment Level	1.00	1.00	1.00	0.00	-	0.00	-	-	-	-	-	-
EEDO5011	Renewable Energy Sources	-	Rahul Abhyankar	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.80	2.80	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	1.80	1.00	-	-	-	-	-	-	-	-	-	-
EEL501	Electrical AC Machines Lab-II	-	Piyali Mondal	Target Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.50	2.50	2.50	-	-	-	-	-	-	-	-	-





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				Indirect Attainment Level	2.50	2.00	2.00	-	-	-	-	-	-	-	-	-
EEL502	Simulation Lab-II	-	Rahul Abhyankar	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.85	2.81	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	1.33	1.00	-	-	-	-	-	-	-	-	-	-
EEL503	Control System Lab	-	Chitralekha Vangala	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	2.50	-	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.00	1.00	1.00	-	3.00	-	-	-	-	-	-	-
EEL504	Professional Communication and Ethics-II	-	Prashant Pawar	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
EEM501	Mini Project – 2A	-	Mukeshkumar Mishra	Target Level	2.00	-	-	2.00	-	2.00	2.00	2.00	2.00	2.00	-	2.00
				Direct Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
				Indirect Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
Semester VI																
EEC601	Power System Protection & Switchgear	-	Rahul Abhyankar	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.00	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.66	-	-	-	-	-	-	-	-	-	-	
EEC602	Microcontroller Applications	-	Ashwini Haryan	Target Level	2.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
EEC603	Control System Design	-	Kushal Suvarna	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.16	1.16	1.16	1.16	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.46	2.46	2.46	2.46	-	-	-	-	-	-	-	
EEC604	Signals and Systems	-	Chitralekha Vangala	Target Level	2.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.50	2.50	2.50	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	1.00	1.00	1.50	-	-	-	-	-	-	-	-	
EEDO6014	Energy Storage	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.10	1.20	1.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	





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EEL601	Power System Protection & Switchgear Lab	-	Rahul Abhyankar	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.13	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.00	-	-	-	-	-	-	-	-	-	-	
EEL602	Microcontroller Applications Lab	-	Ashwini Haryan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.00	2.50	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	
EEL603	Control System Design Lab	-	Chitralekha Vangala	Target Level	3.00	-	2.50	-	-	-	-	-	-	-	-	
				Direct Attainment Level	1.00	-	1.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.00	-	2.50	-	-	-	-	-	-	-	-	
EEL604	SBL-III: Industrial Automation Lab	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	1.50	1.50	1.50	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-	
EEM601	Mini Project – 2 B	-	Mukeshkumar Mishra	Target Level	2.00	-	-	2.00	-	2.00	2.00	2.00	2.00	2.00	-	2.00
				Direct Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
				Indirect Attainment Level	3.00	-	-	3.00	-	3.00	3.00	3.00	3.00	3.00	-	3.00
Semester VII																
EEC701	Power System - III	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	
EEC702	Drives and Control	-	Piyali Mondal	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	2.80	3.00	3.00	-	-	-	-	-	
				Indirect Attainment Level	3.00	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	
EEC703	High Voltage Direct Current Transmission	-	Sunil Suknale	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.84	3.00	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	1.00	1.00	-	-	-	-	-	-	-	-	-	
EEDLO7032	Electric Vehicle Technology	-	Mukeshkumar Mishra	Target Level	3.00	2.00	2.00	3.00	3.00	-	-	-	-	-	3.00	
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	
				Indirect Attainment Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	2.00	
ILO7018		-		Target Level	3.00	2.00	-	-	-	-	-	-	-	-		





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	Energy Audit and Management		Rahul Abhyankar	Direct Attainment Level	2.92	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-
EEL701	Simulation Lab - III	-	Mukeshkumar Mishra	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEL702	Drives and Control Lab	-	Piyali Mondal	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-
EEL703	Project-I	-	Mukeshkumar Mishra	Target Level	2.00	2.00	-	2.00	2.00	-	-	-	2.00	2.00	-
				Direct Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	3.00	3.00	-
				Indirect Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	3.00	3.00	-
Semester VIII															
EEC801	Design, Management and Auditing of Electrical Systems	-	Piyali Mondal	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.00	2.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	1.83	2.00	-	-	-	-	-	-	-	-	-
EEC802	Flexible AC Transmission System	-	Piyali Mondal	Target Level	3.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.68	2.60	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.20	2.00	-	-	-	-	-	-	-	-	-
EEDLO8044	Power System Planning and Reliability	-	Rahul Abhyankar	Target Level	3.00	2.53	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.75	2.70	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-
ILO8021	Project Management	-	Sangita Kamble	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEL801	Simulation Lab - IV	-	Chitralkha Vangala	Target Level	-	3.00	-	-	3.00	-	-	-	-	-	-
				Direct Attainment Level	-	3.00	-	-	2.50	-	-	-	-	-	-
				Indirect Attainment Level	-	3.00	-	-	3.00	-	-	-	-	-	-
EEL802		-		Target Level	-	-	3.00	-	-	-	-	-	-	-	-





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	Electrical System Design Lab		Kavita Mhaskar	Direct Attainment Level	-	-	1.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	-	-	1.00	-	-	-	-	-	-	-	-	
EEL803	Project-II	-	Mukeshkumar Mishra	Target Level	2.00	2.00	-	2.00	2.00	-	-	-	2.00	2.00	-	-
				Direct Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	3.00	3.00	-	-
				Indirect Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	3.00	3.00	-	-





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Electronics & Telecommunication Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	
Semester III																	
ECC301	Engineering Mathematics III	-	Bhagyashree Netke	Target Level	2.75	2.33	2.00	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.90	3.00	2.99	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.67	2.67	2.67	2.67	-	-	-	-	-	-	-	-	-
ECC302	Electronic Devices & Circuits	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	
ECC303	Digital System Design	-	Madhura Ranade	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	2.98	2.98	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.67	2.67	2.67	-	-	-	-	-	-	-	-	-	
ECC304	Network Theory	-	Meera Kulkarni	Target Level	2.00	3.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.80	2.90	2.79	2.75	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
ECC305	Electronic Instrumentation & Control Systems	-	Kushal Suvarna	Target Level	3.00	2.50	2.00	-	-	-	-	-	-	2.00	-	-	
				Direct Attainment Level	2.80	2.80	2.80	-	-	-	-	-	-	-	2.80	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	-	-
ECL301	Electronic Devices & Circuits Lab	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
ECL302	Digital System Design Lab	-	Madhura Ranade	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	1.50	1.50	1.50	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	
ECL303	Electronic Instrumentation & Control Systems Lab	-	Kushal Suvarna	Target Level	3.00	2.50	2.00	-	-	-	-	-	-	2.00	-	-	
				Direct Attainment Level	2.80	2.80	2.80	-	-	-	-	-	-	-	2.80	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	3.00	-	-





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ECL304	Skill Lab: C++ and Java Programming	-	Kushal Suvarna	Target Level	1.80	2.00	-	-	-	-	-	-	-	-	2.00	-		
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	3.00	-
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	3.00	-
Semester IV																		
ECC401	Engineering Mathematics IV	-	Bhagyashree Netke	Target Level	2.83	3.00	3.00	2.75	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.96	2.96	2.97	2.95	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.58	2.58	2.62	2.56	-	-	-	-	-	-	-	-	-	-
ECC402	Microcontrollers	-	Nutan Malekar	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	1.30	1.25	1.28	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	-	-
ECC403	Linear Integrated Circuits	-	Madhura Ranade	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	2.00	2.00	-	
				Direct Attainment Level	1.40	1.40	1.40	1.40	-	-	-	-	-	-	-	1.40	1.40	-
				Indirect Attainment Level	2.75	2.75	2.75	2.75	-	-	-	-	-	-	-	2.75	2.75	-
ECC404	Signals & Systems	-	Archana Ingle	Target Level	-	2.00	2.00	-	2.00	-	-	-	-	-	-	-	2.00	
				Direct Attainment Level	-	1.34	1.33	-	1.35	-	-	-	-	-	-	-	-	1.33
				Indirect Attainment Level	-	2.75	2.75	-	2.75	-	-	-	-	-	-	-	-	2.75
ECC405	Principles of Communication Engineering	-	Shoeb Shaikh	Target Level	2.00	2.00	-	-	2.00	-	2.00	2.00	-	-	-	-	-	
				Direct Attainment Level	1.39	1.38	-	-	1.40	-	1.40	1.38	-	-	-	-	-	-
				Indirect Attainment Level	2.75	2.75	-	-	2.75	-	2.75	2.75	-	-	-	-	-	-
ECL401	Microcontrollers Lab	-	Nutan Malekar	Target Level	-	2.00	2.00	-	2.00	-	-	2.00	-	2.00	-	-	-	
				Direct Attainment Level	-	2.00	2.00	-	2.00	-	-	2.00	-	2.00	-	2.00	-	-
				Indirect Attainment Level	-	2.75	2.75	-	2.75	-	-	2.75	-	2.75	-	2.75	-	-
ECL402	Linear Integrated Circuits Lab	-	Meena Perla	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.75	2.75	2.75	-	-	-	-	-	-	-	-	-	-	
ECL403	Principles of Communication Engineering Lab	-	Shoeb Shaikh	Target Level	2.00	2.00	-	2.00	-	-	-	-	2.00	-	-	-	-	
				Direct Attainment Level	3.00	3.00	-	3.00	-	-	-	-	3.00	-	-	-	-	
				Indirect Attainment Level	2.75	2.75	-	2.75	-	-	-	-	2.75	-	-	-	-	
ECL404		-		Target Level	1.80	2.00	-	-	-	-	-	-	-	-	2.00	-		





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	Skill Lab: Python Programming		Kushal Suvarna	Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	3.00	-
				Indirect Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	3.00	-
Semester V																
ECC501	Digital Communication	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	1.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-	
				Indirect Attainment Level	2.50	2.50	2.40	2.40	2.60	2.50	-	-	-	-	-	
ECC502	Discrete Time Signal Processing	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.77	2.66	2.50	2.44	-	-	-	-	-	-	-	
ECC503	Digital VLSI	-	Nutan Malekar	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.20	2.15	2.17	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.40	2.35	2.37	-	-	-	-	-	-	-	-	
ECC504	Random Signal Analysis	-	Ashwini Haryan	Target Level	2.00	3.00	-	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.98	2.98	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.43	2.44	-	-	-	-	-	-	-	-	-	
ECCDLO5012	Data Compression and Cryptography	-	Meena Perla	Target Level	2.83	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	2.10	2.10	2.10	2.10	2.10	-	-	-	-	-	-	
				Indirect Attainment Level	2.62	2.55	2.77	2.61	2.66	-	-	-	-	-	-	
ECL501	Digital Communication Lab	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	1.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.00	2.00	3.00	2.00	1.00	3.00	-	-	-	-	-	
				Indirect Attainment Level	2.89	2.89	2.77	2.66	2.77	2.77	-	-	-	-	-	
ECL502	Discrete Time Signal Processing Lab	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.55	2.59	2.62	-	-	-	-	-	-	-	-	
ECL503	Digital VLSI Lab	-	Nutan Malekar	Target Level	-	-	2.00	-	2.00	-	-	-	-	-	-	-
				Direct Attainment Level	-	-	3.00	-	3.00	-	-	-	-	-	-	
				Indirect Attainment Level	-	-	2.47	-	2.40	-	-	-	-	-	-	
ECL504		-	Prashant Pawar	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00





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	Professional Communication & Ethics - II			Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00		
ECM501	Mini Project 2A Embedded System Project	-	Nutan Malekar	Target Level	2.00	2.00	2.00	-	2.00	-	-	-	-	-	-	2.00		
				Direct Attainment Level	2.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-	2.00	
				Indirect Attainment Level	2.70	2.70	2.77	-	2.70	-	-	-	-	-	-	-	2.70	
Semester VI																		
ECC601	Electromagnetics and Antenna	-	Meera Kulkarni	Target Level	2.75	1.67	2.75	-	-	-	-	-	-	-	-	2.75	2.63	
				Direct Attainment Level	1.34	1.33	1.35	-	-	-	-	-	-	-	-	-	1.35	1.33
				Indirect Attainment Level	2.32	2.27	2.36	-	-	-	-	-	-	-	-	-	2.32	2.27
ECC602	Computer Communication Networks	-	Meena Perla	Target Level	-	2.66	2.75	-	2.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	-	2.20	2.19	-	2.20	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	-	2.52	2.60	-	2.64	-	-	-	-	-	-	-	-	-
ECC603	Image Processing and Machine Vision	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	3.00	2.00	-	-	-	-	-	-	-	
				Direct Attainment Level	1.40	1.40	1.30	1.30	1.40	1.25	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.90	2.90	2.72	2.81	2.72	2.90	-	-	-	-	-	-	-	-
ECC604	Artificial Neural Network and Fuzzy Logic	-	Karishma Raut	Target Level	3.00	3.00	2.50	3.00	3.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	1.34	1.33	1.35	1.35	1.35	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.82	2.82	2.73	2.82	2.73	-	-	-	-	-	-	-	-	-
ECCDLO6014	Database Management System	-	Kushal Suvarna	Target Level	-	3.00	3.00	-	-	-	-	-	-	-	3.00	2.00	-	
				Direct Attainment Level	-	2.18	2.15	-	-	-	-	-	-	-	2.15	2.18	-	
				Indirect Attainment Level	-	2.54	2.54	-	-	-	-	-	-	-	2.54	2.54	-	
ECL601	Electromagnetics and Antenna Lab	-	Meera Kulkarni	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	3.00	-		
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	3.00	-		
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	3.00	-		
ECL602	Computer Communication Networks Lab	-	Meena Perla	Target Level	-	2.60	2.60	-	-	-	3.00	-	-	-	-	-		
				Direct Attainment Level	-	3.00	3.00	-	-	-	3.00	-	-	-	-	-		
				Indirect Attainment Level	-	2.63	2.63	-	-	-	2.64	-	-	-	-	-		
ECL603		-	Madhura Ranade	Target Level	-	2.50	2.50	-	-	-	-	-	-	-	-			
				Direct Attainment Level	-	3.00	3.00	-	-	-	-	-	-	-	-			





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	Image Processing and Machine Vision Lab			Indirect Attainment Level	-	2.56	2.56	-	-	-	-	-	-	-	-	-
ECL604	Skill Lab: Linux and Networking and Server Configuration	-	Meena Perla	Target Level	-	2.60	2.60	-	-	-	3.00	-	-	-	-	-
				Direct Attainment Level	-	3.00	3.00	-	-	-	3.00	-	-	-	-	-
				Indirect Attainment Level	-	2.64	2.64	-	-	-	2.64	-	-	-	-	-
ECM601	Mini Project 2B-FPGA based Project	-	Madhura Ranade	Target Level	-	2.50	2.50	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	-	3.00	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	-	2.56	2.56	-	-	-	-	-	-	-	-	-
Semester VII																
ECC701	Microwave Engineering	-	Ashwini Haryan	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.99	2.99	2.98	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.50	2.50	2.53	-	-	-	-	-	-	-	-	
ECC702	Mobile Communication System	-	Archana Ingle	Target Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	-	2.00
				Direct Attainment Level	2.65	2.65	2.78	-	2.65	2.73	-	-	-	-	-	2.80
				Indirect Attainment Level	2.50	2.50	2.50	-	2.60	2.40	-	-	-	-	-	2.60
ECC703	Optical Communication	-	Pratik Parsewar	Target Level	2.50	2.00	2.50	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	2.20	3.00	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.60	2.60	2.60	2.40	-	-	-	-	-	-	-	
ECCDLO7033	Internet Communication Engineering	-	Karishma Raut	Target Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	2.00	-
				Direct Attainment Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	2.00	
				Indirect Attainment Level	2.40	2.60	2.60	-	2.40	2.60	-	-	-	-	2.60	
ILO7013	Management Information System	-	Pratik Parsewar	Target Level	2.00	-	2.00	-	2.00	2.00	2.00	2.00	-	2.00	-	-
				Direct Attainment Level	3.00	-	3.00	-	3.00	2.87	3.00	3.00	-	3.00	-	-
				Indirect Attainment Level	2.35	-	2.60	-	2.60	2.20	2.20	2.20	-	2.60	-	-
ECL701	Microwave Engineering Lab	-	Ashwini Haryan	Target Level	3.00	3.00	-	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	-	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.50	2.53	-	2.40	-	-	-	-	-	-	-	
ECL702	Mobile	-	Archana Ingle	Target Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	-	-
				Direct Attainment Level	2.50	2.50	2.50	-	2.50	2.50	-	-	-	-	-	





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	Communication System Lab			Indirect Attainment Level	2.50	2.50	2.40	-	2.50	2.40	-	-	-	-	-	-	
ECL703	Optical Communication Lab	-	Meena Perla	Target Level	2.50	2.00	3.00	-	3.00	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.60	2.80	2.40	-	2.40	-	-	-	-	-	-	-	
ECLDLO 7033	Internet Communication Engineering Lab	-	Karishma Raut	Target Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	2.00	-	
				Direct Attainment Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	-	2.00	-
				Indirect Attainment Level	2.50	2.40	2.40	-	2.60	2.60	-	-	-	-	-	2.60	-
ECL704	Project-I	-	Karishma Raut	Target Level	2.00	2.00	2.00	-	2.00	-	-	-	2.00	-	2.00	2.00	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	3.00	-	3.00	3.00	
				Indirect Attainment Level	2.40	2.60	2.60	-	2.60	-	-	-	2.40	-	2.60	2.60	
Semester VIII																	
ECC801	RF Design	-	Ashwini Haryan	Target Level	2.33	2.66	-	-	-	-	-	-	-	-	2.00	-	
				Direct Attainment Level	1.39	1.39	-	-	-	-	-	-	-	-	-	1.40	-
				Indirect Attainment Level	2.56	2.56	-	-	-	-	-	-	-	-	-	2.60	-
ECC802	Wireless Networks	-	Pratik Parsewar	Target Level	2.00	2.00	2.00	-	2.00	-	-	-	-	2.00	-	-	
				Direct Attainment Level	1.40	1.38	1.38	-	1.40	-	-	-	-	-	1.40	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	3.00	-	-
ECCDLO8043	Satellite Communication	-	Nutan Malekar	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-	
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-	
				Indirect Attainment Level	2.64	2.64	2.67	2.67	2.64	-	-	-	-	2.64	-	-	
ILO8021	Project Management	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-	
				Direct Attainment Level	2.90	2.90	2.90	2.90	2.90	-	-	-	-	2.90	-	-	
				Indirect Attainment Level	2.69	2.82	2.73	2.60	2.73	-	-	-	-	2.73	-	-	
ECL801	RF Design Lab	-	Ashwini Haryan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.52	2.52	-	-	-	-	-	-	-	-	-	-	
ECL802	Wireless Networks Lab	-	Pratik Parsewar	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-	
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-	
				Indirect Attainment Level	2.00	2.00	2.50	3.00	3.00	-	-	-	-	3.00	-	-	





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ECLDLO8043	Satellite Communication Lab	-	Karishma Raut	Target Level	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	2.00	-	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	3.00	-
				Indirect Attainment Level	2.50	2.55	2.45	-	2.50	2.64	-	-	-	-	-	2.64	-
ECL803	Project-II	-	Karishma Raut	Target Level	2.00	2.00	2.00	-	2.00	-	-	-	2.00	-	2.00	2.00	
				Direct Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	3.00	-	3.00	3.00	
				Indirect Attainment Level	2.64	2.55	2.55	-	2.64	-	-	-	2.55	-	2.55	2.64	





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Master of Computer Application

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12			
Semester I																			
MCA11	Mathematical Foundation for Computer Science 1	-	Sonia Dubey	Target Level	2.90	2.90	2.90	2.90	-	-	-	-	-	-	-	2.00			
				Direct Attainment Level	2.95	2.90	2.92	2.90	-	-	-	-	-	-	-	-	-	2.90	
				Indirect Attainment Level	2.31	2.31	2.31	2.10	-	-	-	-	-	-	-	-	-	-	2.31
MCA12	Advanced Java	-	Neha Lodhe	Target Level	3.00	2.33	3.00	-	3.00	2.20	-	-	-	-	-	-	2.00		
				Attainment Level	2.65	2.65	2.65	-	2.70	2.70	-	-	-	-	-	-	-	-	2.65
				Indirect Attainment Level	2.19	2.19	2.19	-	2.19	2.19	-	-	-	-	-	-	-	-	-
MCA13	Advanced Database Management System	-	Shreya Bhamare	Target Level	3.00	3.00	2.71	3.00	-	-	-	-	-	-	2.00	-	-		
				Attainment Level	2.86	2.86	2.86	2.89	-	-	-	-	-	-	-	3.00	-	-	
				Indirect Attainment Level	2.26	2.26	2.26	2.21	-	-	-	-	-	-	-	-	2.32	-	-
MCA14	Software Project Management	-	Pradnya Mhatre/ Krutika Vartak	Target Level	2.00	2.67	3.00	2.00	2.50	2.00	2.00	2.75	3.00	2.00	2.00	-	-		
				Attainment Level	2.97	2.96	2.95	2.90	2.65	3.00	2.40	2.80	2.90	2.40	2.70	-	-	-	
				Indirect Attainment Level	2.36	2.43	2.43	2.47	2.45	2.29	2.42	2.31	2.47	2.26	2.25	-	-	-	
MCAL11	Data Structures Lab with C and / C+	-	Pragati Mestry	Target Level	3.00	3.00	2.00	2.70	-	-	-	-	-	-	-	-	-		
				Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.23	2.23	2.23	2.23	-	-	-	-	-	-	-	-	-	-	
MCAL12	Advanced Java LAB	-	Neha Lodhe	Target Level	3.00	2.00	3.00	-	3.00	2.00	-	-	-	-	-	-	2.00		
				Attainment Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Indirect Attainment Level	2.19	2.19	2.19	-	2.19	2.19	-	-	-	-	-	-	-	-	-
MCAL13	Advanced Database Management System LAB	-	Sonia Dubey	Target Level	2.00	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-		
				Attainment Level	2.00	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	-	-	-	-	-	
				Indirect Attainment Level	2.29	2.29	2.24	2.35	1.96	2.22	-	2.22	2.22	-	-	-	-	-	
MCAL14	Web Technologies	-	Nitesh kumar	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-		
				Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	





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				Indirect Attainment Level	2.34	2.35	2.34	2.36	2.31	-	-	-	-	-	-	-
MCAP11	Mini Project – 1 A	-	Neha Lodhe	Target Level	2.00	2.00	2.00	2.00	-	-	-	2.00	-	2.00	2.00	-
				Attainment Level	3.00	3.00	3.00	3.00	-	-	-	3.00	-	3.00	3.00	-
Semester II																
MCA21	Mathematical Foundation for Computer Science 2	-	Pradnya Mhatre	Target Level	3.00	3.00	3.00	2.00	-	-	-	-	-	-	3.00	-
				Attainment Level	1.24	1.29	1.29	1.40	-	-	-	-	-	-	1.30	-
				Indirect Attainment Level	2.21	2.22	2.22	2.18	-	-	-	-	-	-	2.25	-
MCA22	Artificial Intelligence and Machine Learning	-	Sonia Dubey	Target Level	2.86	2.86	3.00	3.00	3.00	3.00	3.00	3.00	2.50	-	2.50	-
				Attainment Level	2.90	2.90	2.90	3.00	3.00	2.70	2.80	3.00	2.70	-	2.90	-
				Indirect Attainment Level	2.27	2.27	1.96	2.37	2.27	2.18	2.33	2.28	2.18	-	2.22	-
MCA23	Information Security	-	Shreya Bhamare	Target Level	3.00	3.00	2.60	2.33	-	-	-	-	-	2.00	-	-
				Attainment Level	1.16	1.16	1.14	1.16	-	-	-	-	-	1.10	-	-
				Indirect Attainment Level	2.27	2.27	2.27	2.28	-	-	-	-	-	2.28	-	-
MCAE242	Internet Of Things	-	Nitesh kumar	Target Level	3.00	2.75	2.83	2.67	-	-	-	-	-	-	3.00	-
				Attainment Level	1.40	1.20	1.40	1.40	-	-	-	-	-	-	2.30	-
				Indirect Attainment Level	2.33	2.32	2.32	2.33	-	-	-	-	-	-	2.30	-
MCAE254	Digital Marketing and Business Analytics	-	Chandani Patel	Target Level	3.00	3.00	3.00	2.00	2.00	2.00	-	-	-	-	-	-
				Attainment Level	2.03	2.03	2.03	2.01	2.01	2.00	-	-	-	-	-	-
				Indirect Attainment Level	2.31	2.31	2.31	2.29	2.29	2.25	-	-	-	-	-	-
MCAL21	Artificial Intelligence and Machine Learning Lab	-	Shreya Bhamare/Sonia Dubey	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	-	-	3.00
				Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	-	-	3.00
				Indirect Attainment Level	2.23	1.98	2.22	2.22	2.23	0.21	-	2.17	2.21	-	-	2.23
MCAL22	Soft Skill Development Lab	-	Dr. Trupti Patil	Target Level	-	-	-	-	-	-	-	-	3.00	3.00	-	3.00
				Attainment Level	-	-	-	-	-	-	-	-	3.00	3.00	-	3.00
				Indirect Attainment Level	-	-	-	-	-	-	-	-	2.37	2.36	-	2.39
MCAL23	Internet Of Things Lab	-	Nitesh kumar	Target Level	3.00	-	3.00	2.00	2.83	-	-	-	-	-	-	-
				Attainment Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.31	-	2.31	2.29	2.31	-	-	-	-	-	-	-
MCAL24		-	Pragati Mestry	Target Level	2.00	3.00	3.00	-	3.00	-	2.00	-	-	-	2.00	2.00





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	Skill based Lab Course AWT Lab			Attainment Level	3.00	3.00	3.00	-	3.00	-	3.00	-	-	-	3.00	3.00	
				Indirect Attainment Level	2.26	2.26	2.26	-	2.26	-	2.26	-	-	-	2.26	2.26	
MCAL25	Skill based Lab Course User Interface Lab	-	Neha Lodhe	Target Level	2.66	2.71	3.00	3.00	3.00	2.00	3.00	2.60	3.00	2.66	3.00	2.33	
				Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Indirect Attainment Level	2.44	2.44	2.44	2.45	2.44	2.47	2.44	2.44	2.44	2.44	2.46	2.44	2.46
MCAL26	Skill based Lab Course Networking with Linux Lab	-	Krutika Vartak	Target Level	-	2.00	2.80	2.80	3.00	-	-	2.00	2.00	-	2.00	2.00	
				Attainment Level	-	2.50	2.50	2.50	2.50	-	-	2.50	2.50	-	2.50	2.50	
				Indirect Attainment Level	-	2.22	2.23	2.22	2.23	-	-	2.19	2.29	-	2.19	2.19	
MCAP21	Mini Project 1-B	-	Neha Lodhe	Target Level	2.00	2.00	2.00	2.00	-	-	-	2.00	-	2.00	2.00	-	
				Attainment Level	3.00	3.00	3.00	3.00	-	-	-	3.00	-	3.00	3.00	-	
Semester III																	
MCA31	Big Data Analytics and Visualization	-	Pragati Mestry	Target Level	-	2.00	2.00	-	3.00	-	2.00	2.00	-	-	2.00	3.00	
				Attainment Level	-	2.80	2.80	-	2.80	-	2.80	2.80	-	-	2.80	2.80	
				Indirect Attainment Level	-	2.33	2.33	-	2.33	-	2.33	2.33	-	-	2.33	2.33	
MCA32	Distributed System and Cloud Computing	-	Krutika Vartak	Target Level	2.00	2.00	2.33	2.00	2.50	2.66	2.00	-	-	-	2.00	2.00	
				Attainment Level	2.96	2.92	2.92	2.90	2.88	2.88	2.80	-	-	-	2.83	2.80	
				Indirect Attainment Level	2.36	2.33	2.33	2.33	2.34	2.27	2.27	-	-	-	2.30	2.27	
MCAE331	Blockchain	-	Sonia Dubey	Target Level	3.00	1.47	3.00	1.47	3.00	1.47	-	1.47	-	-	-	-	
				Attainment Level	1.30	1.20	1.30	1.40	2.40	1.20	-	2.17	-	-	-	-	
				Indirect Attainment Level	2.10	1.86	2.20	2.18	2.10	1.86	-	1.86	-	-	-	-	
MCAE344	Cyber Security and Digital Forensics	-	Chandani Patel	Target Level	3.00	3.00	3.00	2.00	2.00	2.00	-	-	-	-	-	-	
				Attainment Level	2.86	2.86	2.86	2.83	2.80	2.90	-	-	-	-	-	-	
				Indirect Attainment Level	2.21	2.21	2.21	2.20	2.20	2.20	-	-	-	-	-	-	
MCAL31	Big Data Analytics and Visualization Lab	-	Pragati Mestry	Target Level	-	2.00	2.00	-	3.00	-	2.00	2.00	-	-	2.00	3.00	
				Attainment Level	-	3.00	3.00	-	3.00	-	3.00	3.00	-	-	3.00	3.00	
				Indirect Attainment Level	-	2.30	2.30	-	2.30	-	2.30	2.30	-	-	2.30	2.30	
MCAL32	Distributed System and Cloud Computing Lab	-	Krutika Vartak	Target Level	3.00	2.50	2.75	2.38	2.88	-	-	-	-	-	-	2.75	
				Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00	
				Indirect Attainment Level	2.32	2.32	2.32	2.32	2.32	-	-	-	-	-	-	2.32	





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MCALE33	Blockchain Lab	-	Neha Lodhe	Target Level	-	-	2.00	-	2.00	-	-	-	2.00	-	-	-	
				Attainment Level	-	-	3.00	-	3.00	-	-	-	3.00	-	-	-	
				Indirect Attainment Level	-	-	2.49	-	2.49	-	-	-	2.45	-	-	-	
MCAL34	Skill based Lab Mobile Computing Lab	-	Shreya Bhamare	Target Level	2.88	2.00	2.88	2.00	3.00	2.00	-	-	2.00	-	-	2.00	
				Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	3.00
				Indirect Attainment Level	2.48	2.48	2.48	2.45	2.48	2.48	-	-	2.45	-	-	2.45	
MCAL35	Software Testing Quality Assurance Lab	-	Krutika Vartak	Target Level	2.00	3.00	2.30	2.20	3.00	-	-	-	-	-	2.00	-	
				Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	-	
				Indirect Attainment Level	2.41	2.48	2.48	2.48	2.53	-	-	-	-	-	2.53	-	
MCAP31	Mini Project: 2A	-	Neha Lodhe	Target Level	2.00	2.00	2.00	2.00	-	-	-	2.00	-	2.00	2.00	-	
				Attainment Level	3.00	3.00	3.00	3.00	-	-	-	3.00	-	3.00	3.00	-	
Semester IV																	
MCAI41	Internship	-	Neha Lodhe	Target Level	2.00	2.00	2.00	2.00	2.00	2.00	-	2.00	-	2.00	-	-	
				Attainment Level	2.50	2.50	2.50	2.50	2.50	2.50	-	2.50	-	2.50	-	-	
MCAR42	Research Paper	-	Neha Lodhe	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-	
				Attainment Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-	





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Mechanical Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Semester III																
MEC301	Engineering Mathematics III	A	Jayesh Jain	Target Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	2.00
				Attainment Level	2.89	2.89	2.89	-	-	-	-	-	-	-	-	-
MEC305	Thermodynamics	A	Shreeyesh Sreenivasan	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.80	2.80	2.80	-	-	-	-	-	-	-	-	-
MEC302	Strength of Materials	A	Chhaya Patil	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.81	2.77	2.77	-	-	-	-	-	-	-	-	-
MEC303	Production Process	A	Nilesh Nagare	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00
				Attainment Level	2.35	2.00	-	2.76	2.25	-	-	-	-	2.00	-	1.21
MEC304	Material & Metallurgy	A	Shweta Patel	Target Level	3.00	2.34	2.00	-	1.00	1.00	1.00	-	-	-	-	-
				Attainment Level	1.18	1.18	1.37	-	1.21	1.18	1.21	-	-	-	-	-
MEL301	Material Testing-Lab	A	Shweta Patel & Chhaya Patil	Target Level	3.00	2.00	3.00	-	2.00	-	-	-	-	-	-	-
				Attainment Level	1.06	1.06	1.06	-	1.06	-	-	-	-	-	-	-
MESBL301	CAD-Modelling	A	Vinit Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.94	2.94	2.94	-	2.94	-	-	-	-	-	-	-
MEL302	Machine Shop Practice	A	Ulhas Thakur	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.55	-	-	-	-	-	-	-	-	-	2.55	-
MEC301	Engineering Mathematics III	B (DSE)	Jayesh Jain	Target Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	2.00
				Attainment Level	2.89	2.89	2.89	-	-	-	-	-	-	-	-	-
MEC305	Thermodynamics	B (DSE)	Shreeyesh Sreenivasan	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.92	2.92	2.92	-	-	-	-	-	-	-	-	-
MEC302	Strength of Materials	B (DSE)	Omkar Joshi	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.87	2.86	2.86	-	-	-	-	-	-	-	-	-
MEC303	Production Process	B (DSE)	Nilesh Nagare	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00
				Attainment Level	2.35	2.00	-	2.76	2.25	-	-	-	-	2.00	-	1.21
MEC304			Mansi Lakhani	Target Level	3.00	2.00	2.00	2.00	-	-	-	-	-	-	-	1.00





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	Material & Metallurgy	B (DSE)		Attainment Level	2.85	2.85	2.95	2.94	-	-	-	-	-	-	-	2.84	
MEL301	Material Testing-Lab	B (DSE)	Mansi Lakhani	Target Level	3.00	2.00	3.00	-	2.00	-	-	-	-	-	-	-	
				Attainment Level	1.14	1.14	1.14	-	1.14	-	-	-	-	-	-	-	
MESBL301	CAD-Modelling	B (DSE)	Vinit Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-	
				Attainment Level	2.94	2.94	2.94	-	2.94	-	-	-	-	-	-	-	
MEL302	Machine Shop Practice	B (DSE)	Ulhas Thakur	Target Level	2.00	-	-	-	-	-	-	-	-	2.00	-	-	
				Attainment Level	2.55	-	-	-	-	-	-	-	-	2.55	-	-	
Semester IV																	
MEC401	Engineering Mathematics IV	A	Jayesh Jain	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.30	1.30	1.30	-	-	-	-	-	-	-	-	-	1.30
MEC402	Fluid Mechanics	A	Chhaya Patil	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.15	1.15	1.15	-	-	-	-	-	-	-	-	-	-
MEC403	Kinematics of Machinery	A	Aniket Deshmukh	Target Level	3.00	1.00	1.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.27	1.26	1.21	-	-	-	-	-	-	-	-	-	-
MEL402	Kinematics of Machinery - Lab	A	Aniket Deshmukh	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.50	2.50	-	-	-	-	-	-	-	-	-	-	-
MEC404	CAD/CAM	A	Nilesh Nagare	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.20	2.56	-	-	3.00	-	-	-	-	-	-	-	-
MEC405	Industrial Electronics	A	Ritesh Chavan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.83	-	-	-	-	-	-	-	-	-	-	-
MEL401	Industrial Electronics - Lab	A	Ritesh Chavan	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.93	-	-	-	-	-	-	-	-	-	-	-	-
MEL403	Python Programming	A	Shreeyesh Sreenivasan	Target Level	3.00	3.00	3.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	2.95	2.95	2.95	-	-	-	-	2.90	-	-	-	-	-
MESBL401	CNC and 3D printing	A	Swapnil Raut	Target Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.10	-	2.10	-	2.10	-	-	-	-	-	-	-	-
MEC401	Engineering Mathematics IV	B	Jayesh Jain	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.31	1.31	1.31	-	-	-	-	-	-	-	-	-	1.31
MEC402	Fluid Mechanics	B	Chhaya Patil	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-	-





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				Attainment Level	1.12	1.12	1.12	-	-	-	-	-	-	-	-	-
MEC403	Kinematics of Machinery	B	Henisha Raut	Target Level	3.00	2.80	-	-	2.50	-	-	-	-	-	-	-
				Attainment Level	1.23	1.24	-	-	1.28	-	-	-	-	-	-	-
MEL402	Kinematics of Machinery - Lab	B	Aniket Deshmukh	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.50	2.50	-	-	-	-	-	-	-	-	-	-
MEC404	CAD/CAM	B	Priyank Vartak	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	1.30	1.34	-	-	1.26	-	-	-	-	-	-	-
MEC405	Industrial Electronics	B	Ritesh Chavan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.82	-	-	-	-	-	-	-	-	-	-
MEL401	Industrial Electronics - Lab	B	Ritesh Chavan	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.93	-	-	-	-	-	-	-	-	-	-	-
MEL403	Python Programming	B	Shreeyesh Sreenivasan	Target Level	3.00	3.00	3.00	-	-	-	-	3.00	-	-	-	-
				Attainment Level	2.90	2.90	2.90	-	-	-	-	2.80	-	-	-	-
MESBL401	CNC and 3D printing	B	Swapnil Raut	Target Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	1.27	-	1.27	-	1.27	-	-	-	-	-	-	-
Semester V																
MEC502	Thermal Engineering	A	Henisha Raut	Target Level	3.00	2.84	2.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.90	2.90	2.92	-	2.90	-	-	-	-	-	-	-
MEL501	Thermal Engineering - Lab	A	Henisha Raut	Target Level	3.00	2.00	-	-	2.75	-	-	-	-	3.00	-	-
				Attainment Level	2.30	2.30	-	-	2.30	-	-	-	-	2.30	-	-
MEC501	Mechanical Measurements and Control	A	Mayur Jagtap	Target Level	2.00	2.00	3.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.92	2.97	2.94	-	-	-	-	-	-	-	-	-
MEC504	Finite Element Analysis	A	Priyank Vartak	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.26	1.26	-	-	-	-	-	-	-	-	-	-
MEL503	Finite Element Analysis - Lab	A	Priyank Vartak	Target Level	3.00	2.00	-	2.20	3.00	-	-	-	-	-	-	-
				Attainment Level	2.70	2.72	-	2.70	2.70	-	-	-	-	-	-	-
MEC503	Dynamics of Machinery	A	Pratik Raut	Target Level	3.00	2.50	2.50	-	-	-	-	-	-	-	-	-
				Attainment Level	2.89	2.89	2.89	-	-	-	-	-	-	-	-	-
MEL502		A	Pratik Raut	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-





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	Dynamics of Machinery - Lab			Attainment Level	2.98	-	-	-	-	-	-	-	-	2.98	-	-
MESBL501	Professional Communication and Ethics - II	A	Dr. Trupti Patil	Target Level	3.00	-	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00
				Attainment Level	2.88	-	-	-	-	-	-	2.87	2.87	2.87	2.88	2.88
MEDLO5011	Optimization Techniques	A & B	Tejas Chaudhari	Target Level	3.00	3.00	-	3.00	-	-	-	-	3.00	-	-	-
				Attainment Level	2.96	2.96	-	2.97	-	-	-	-	2.96	-	-	-
MEDLO5012	Design of Experiments	A & B	Manoj Yadav	Target Level	3.00	3.00	-	-	-	-	-	-	3.00	-	-	-
				Attainment Level	2.71	2.71	-	-	-	-	-	-	2.71	-	-	-
MEC502	Thermal Engineering	B	Henisha Raut	Target Level	3.00	2.84	2.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.91	2.91	2.92	-	2.91	-	-	-	-	-	-	-
MEL501	Thermal Engineering - Lab	B	Aniket Deshmukh	Target Level	3.00	2.00	-	-	2.75	-	-	-	-	3.00	-	-
				Attainment Level	2.66	2.66	-	-	2.66	-	-	-	-	2.66	-	-
MEC501	Mechanical Measurements and Control	B	Mayur Jagtap	Target Level	2.00	2.00	3.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.92	2.96	2.93	-	-	-	-	-	-	-	-	-
MEC504	Finite Element Analysis	B	Priyank Vartak	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.05	2.05	-	-	-	-	-	-	-	-	-	-
MEL503	Finite Element Analysis - Lab	B	Manojkumar Yadav	Target Level	3.00	2.00	-	2.20	3.00	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	-	2.98	2.98	-	-	-	-	-	-	-
MEC503	Dynamics of Machinery	B	Pratik Raut	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.98	-	-	-	-	-	-	-	-	2.98	-	-
MEL502	Dynamics of Machinery - Lab	B	Mayur Jagtap	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.98	-	-	-	-	-	-	-	-	2.98	-	-
MESBL501	Professional Communication and Ethics - II	B	Dr. Trupti Patil	Target Level	3.00	-	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00
				Attainment Level	2.89	-	-	-	-	-	-	-	2.89	2.89	2.89	2.89
MEPBL501	Mini Project-2A	A & B	Henisha Raut	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester VI																
MEC602	Turbo Machinery	A		Target Level	3.00	2.00	-	-	-	-	2.00	-	-	-	-	-





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			Manojkumar Yadav	Attainment Level	2.77	2.85	-	-	-	-	2.93	-	-	-	-	-
MEL602	Turbo Machinery - Lab	A	Manojkumar Yadav	Target Level	3.00	2.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	2.88	2.87	-	-	-	-	2.97	-	-	-	-	-
MEC601	Machine Design	A	Vinit Raut	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.29	1.28	1.29	-	-	-	-	-	-	-	-	-
MEL601	Machine Design - Lab	A	Vinit Raut	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.47	2.47	2.47	-	-	-	-	-	-	-	-	-
MEC603	Heat, Ventilation, Air Conditioning & Refrigeration	A	Mayur Jagtap	Target Level	3.00	2.34	3.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	1.36	1.37	1.37	-	-	-	1.37	-	-	-	-	-
MEL603	Heat, Ventilation, Air Conditioning & Refrigeration - Lab	A	Mayur Jagtap	Target Level	3.00	2.50	2.00	-	-	-	3.00	3.00	-	2.00	-	-
				Attainment Level	2.88	2.89	2.91	-	-	-	2.97	2.97	-	2.80	-	-
MEC604	Automation & Artificial Intelligence	A	Mansi Lakhani	Target Level	3.00	3.00	3.00	1.00	-	-	-	-	-	-	-	-
				Attainment Level	2.85	2.91	2.91	2.64	-	-	-	-	-	-	-	-
MESBL601	Measurements & Automation - Lab	A	Mansi Lakhani	Target Level	3.00	2.00	3.00	-	2.00	-	-	-	-	2.00	-	-
				Attainment Level	2.79	2.79	2.79	-	2.80	-	-	-	-	2.79	-	-
MEDLO6021	Press tool Design	A	Pratik Raut	Target Level	3.00	1.50	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.86	2.84	-	-	-	-	-	-	-	-	-
MEC602	Turbo Machinery	B	Manojkumar Yadav	Target Level	2.58	2.00	-	-	-	-	2.00	-	-	-	-	-
				Attainment Level	1.97	1.97	-	-	-	-	1.97	-	-	-	-	-
MEL602	Turbo Machinery - Lab	B	Manojkumar Yadav	Target Level	3.00	2.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	2.88	2.87	-	-	-	-	2.97	-	-	-	-	-
MEC601	Machine Design	B	Suneet Mehta	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.23	1.20	1.23	-	-	-	-	-	-	-	-	-
MEL601	Machine Design - Lab	B	Suneet Mehta	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.79	2.77	2.79	-	-	-	-	-	-	-	-	-
MEC603	Heat, Ventilation, Air Conditioning & Refrigeration	B	Shweta Patel	Target Level	3.00	2.34	3.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	2.88	2.79	2.70	-	-	-	2.75	-	-	-	-	-





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MEL603	Heat, Ventilation, Air Conditioning & Refrigeration - Lab	B	Shweta Patel	Target Level	3.00	2.50	2.00	-	-	-	3.00	3.00	-	2.00	-	-
				Attainment Level	2.69	2.63	2.63	-	-	-	2.96	2.63	-	2.63	-	-
MEC604	Automation & Artificial Intelligence	B	Mansi Lakhani	Target Level	3.00	3.00	3.00	1.00	-	-	-	-	-	-	-	-
				Attainment Level	2.05	2.10	2.10	1.84	-	-	-	-	-	-	-	-
MESBL601	Measurements & Automation - Lab	B	Mansi Lakhani	Target Level	3.00	2.00	3.00	-	2.00	-	-	-	-	2.00	-	-
				Attainment Level	2.90	2.90	2.90	-	2.81	-	-	-	-	2.90	-	-
MEDLO6021	Press tool Design	B	Pratik Raut	Target Level	3.00	1.50	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.27	1.30	1.27	-	-	-	-	-	-	-	-	-
MEPBL601	Mini Project-2B	A & B	Henisha Raut	Target Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester VII																
MEC701	Machine Design -II	A	Aditi Pimpale	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEL701	Machine Design - II(LAB)	A	Aditi Pimpale	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.92	2.92	2.92	-	-	-	-	-	-	-	-	-
MEC702	CAD/CAM/CAE	A	Swapnil Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.90	2.97	2.65	-	2.95	-	-	-	-	-	-	-
MEDLO7032	Automobile Engineering	A	Aniket Deshmukh	Target Level	3.00	1.00	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEC703	Production Planning and Control	A	Suneet Mehta	Target Level	2.84	2.84	-	-	-	-	-	-	-	-	2.00	-
				Attainment Level	2.90	2.90	-	-	-	-	-	-	-	-	-	2.90
MEL703	Production Planning and Control (LAB)	A	Suneet Mehta	Target Level	2.84	2.84	-	-	-	-	-	-	-	-	2.00	-
				Attainment Level	2.97	2.97	-	-	-	-	-	-	-	-	-	2.97
MEL702	CAD/CAM/CAE (LAB)	A	Swapnil Raut	Target Level	3.00	-	-	-	3.00	-	-	-	3.00	-	-	-
				Attainment Level	2.96	-	-	-	2.96	-	-	-	2.98	-	-	-
ILO7015	Operations Research	A	Dr.Chinmay Pingulkar	Target Level	3.00	3.00	-	3.00	-	-	-	-	-	-	3.00	-
				Attainment Level	2.98	2.98	-	2.98	-	-	-	-	-	-	-	2.98
ILO7017		A	Rajkumar Devkar	Target Level	-	-	-	-	-	3.00	-	-	-	3.00	-	3.00





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	Disaster Management			Attainment Level	-	-	-	-	-	2.98	-	-	-	2.98	-	2.98
MEC701	Machine Design -II	B	Aditi Pimpale	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.94	2.94	2.95	-	-	-	-	-	-	-	-	-
MEL701	Machine Design -II(LAB)	B	Rajkumar Devkar	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.85	2.85	2.85	-	-	-	-	-	-	-	-	-
MEC702	CAD/CAM/CAE	B	Swapnil Raut	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.92	2.98	2.65	-	2.97	-	-	-	-	-	-	-
MEDLO7032	Automobile Engineering	B	Aniket Deshmukh	Target Level	3.00	1.00	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEC703	Production Planning and Control	B	Suneet Mehta	Target Level	2.84	2.84	-	-	-	-	-	-	-	-	2.00	-
				Attainment Level	2.90	2.90	-	-	-	-	-	-	-	-	-	2.90
MEL702	CAD/CAM/CAE (LAB)	B	Tejas Chaudhari	Target Level	3.00	-	-	-	3.00	-	-	-	3.00	-	-	-
				Attainment Level	2.97	-	-	-	2.97	-	-	-	-	2.98	-	-
MEL703	Production Planning and Control (Lab)	B	Suneet Mehta	Target Level	2.84	2.84	-	-	-	-	-	-	-	-	2.00	-
				Attainment Level	2.81	2.81	-	-	-	-	-	-	-	-	-	2.81
ILO7017	Disaster Management	B	Rajkumar Devkar	Target Level	-	-	-	-	-	3.00	-	-	-	3.00	-	3.00
				Attainment Level	-	-	-	-	-	2.98	-	-	-	-	2.97	-
ILO7015	Operations Research	B	Chinmay Pingulkar	Target Level	3.00	3.00	-	3.00	-	-	-	-	-	-	3.00	-
				Attainment Level	2.98	2.98	-	2.98	-	-	-	-	-	-	-	2.98
MEP701	Project I	A & B	Pratik Raut/ Priyank Vartak	Target Level	3.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester VIII																
MEC801	Design of Mechanical Systems	A	Tejas Chaudhari	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.28	1.28	1.28	-	-	-	-	-	-	-	-	-
MEL801	Design of Mechanical Systems - Lab	A	Tejas Chaudhari	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEC802		A		Target Level	2.25	-	3.00	2.50	3.00	-	-	-	-	2.00	-	-





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	Industrial Engineering and Management		Dr.Chinmay Pingulkar	Attainment Level	2.94	-	2.98	2.98	2.98	-	-	-	-	2.98	-	-
MEC803	Power Engineering	A	Aditi Pimpale	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.28	1.28	1.28	-	-	-	-	-	-	-	-	-
MEL802	Power Engineering - Lab	A	Aditi Pimpale	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEDLO8041	Power Plant Engineering	A	Omkar Joshi	Target Level	3.00	3.00	2.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	2.86	2.97	2.84	-	-	-	2.81	-	-	-	-	-
ILO8024	Human Resource Management	A	Rajkumar Devkar	Target Level	-	-	-	2.00	3.00	3.00	3.00	3.00	3.00	2.00	-	-
				Attainment Level	-	-	-	2.48	2.98	2.48	2.89	2.98	2.98	2.98	-	-
ILO8024	Human Resource Management	B	Rajkumar Devkar	Target Level	-	-	-	2.00	3.00	3.00	3.00	3.00	3.00	2.00	-	-
				Attainment Level	-	-	-	2.48	2.98	2.48	2.74	2.98	2.98	2.98	-	-
MEC801	Design of Mechanical Systems	B	Tejas Chaudhari	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.09	2.09	2.09	-	-	-	-	-	-	-	-	-
MEL801	Design of Mechanical Systems - Lab	B	Tejas Chaudhari	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEC802	Industrial Engineering and Management	B	Chinmay Pingulkar	Target Level	2.25	-	3.00	2.50	3.00	-	-	-	-	2.00	-	-
				Attainment Level	2.94	-	2.98	2.98	2.98	-	-	-	-	2.98	-	-
MEC803	Power Engineering	B	Aditi Pimpale	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.15	2.15	2.15	-	-	-	-	-	-	-	-	-
MEL802	Power Engineering - Lab	B	Aditi Pimpale	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	-
MEDLO8041	Power Plant Engineering	B	Omkar Joshi	Target Level	3.00	3.00	2.00	-	-	-	2.00	-	-	-	-	-
				Attainment Level	2.92	2.98	2.91	-	-	-	2.90	-	-	-	-	-
MEP801	Project II	A & B	Pratik Raut/ Priyank Vartak	Target Level	3.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00
				Attainment Level	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67





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M.E. Manufacturing Systems Engineering

Course Code	Subject	Div	Faculty Name		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
Semester I																
MSEC 103	Quality Engineering	-	Niyati Raut	Target Level	3.00	2.00	-	2.00	1.00	-	-	-	-	-	-	-
				Attainment Level	2.80	2.82	-	2.67	2.98	-	-	-	-	-	-	-
MSEDLO 1012	World Class Manufacturing	-	Niyati Raut	Target Level	3.00	-	-	3.00	-	3.00	-	-	-	-	-	-
				Attainment Level	3.00	-	-	3.00	-	3.00	-	-	-	-	-	-
MSEC 101	Product Design & Development	-	Dr. Arunkumar	Target Level	3.00	2.00	-	2.00	1.00	3.00	2.00	-	-	-	-	-
				Attainment Level	2.97	2.95	-	2.90	3.00	2.97	2.95	-	-	-	-	-
ILO 1014	Design Of Experiment	-	Dr. Arunkumar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.97	2.97	2.97	2.97	-	-	-	-	-	-	-	-
MSEC102	Computer Integrated Manufacturing	-	Dr. Arunkumar	Target Level	3.00	-	-	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.99	-	-	2.99	2.99	-	-	-	-	-	-	-
Semester II																
MSEC202	Industrial Automation	-	Niyati Raut	Target Level	3.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.89	2.90	2.90	-	-	-	-	-	-	-	-	-
ILO2026	Research Methodology	-	Niyati Raut	Target Level	3.00	3.00	-	2.50	-	-	-	-	-	-	-	-
				Attainment Level	2.91	2.98	-	2.82	-	-	-	-	-	-	-	-
MSEC203	Advance Quntitative Technique	-	Dr. Arunkumar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.99	2.99	2.99	2.99	-	-	-	-	-	-	-	-
MSEC201	Sustainable Manufacturing	-	Dr. Arunkumar	Target Level	3.00	-	3.00	-	-	3.00	3.00	3.00	-	-	-	-
				Attainment Level	2.89	-	2.89	-	-	2.89	2.89	2.89	-	-	-	-
MSEDLO 2021	Logistic & Supply Chain Management	-	Dr. Arunkumar	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.98	2.98	-	-	2.98	-	-	-	-	-	-	-





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CO Attainment

Humanities and Applied Sciences

Semester I						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
FEC101	Engineering Mathematics I	-	Shiksha Singh	CO 1	2.75	2.75
				CO 2	2.25	2.80
				CO 3	2.25	2.95
				CO 4	2.23	3.00
				CO 5	2.50	2.80
FEC102	Engineering Physics-I	-	Dr.Ajazul Haque/ Deepak Dubey	CO 1	3.00	2.78
				CO 2	3.00	2.82
				CO 3	3.00	2.92
				CO 4	2.50	2.92
				CO 5	2.50	2.81
FEC103	Engineering Chemistry-I	-	Manju Mishra	CO 1	3.00	2.88
				CO 2	3.00	2.88
				CO 4	3.00	2.84
				CO 5	3.00	2.88
				CO 6	3.00	2.84
FEC104	Engineering Mechanics	-	Sushil Mishra	CO 1	2.50	2.68
				CO 2	2.50	2.66
				CO 3	2.50	2.65
				CO 4	3.00	2.66
				CO 5	3.00	2.79
FEC105	Basic Electrical Engineering	-	Pratik Parsewar	CO 1	2.50	3.00
				CO 2	2.50	3.00





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				CO 3	2.50	3.00
				CO 4	-	-
				CO 5	3.00	3.00
				CO 6	3.00	3.00
FEL101	Engineering Physics-I	-	Dr.Ajazul Haque/Deepak Dubey	CO1	3.00	2.94
				CO2	3.00	2.86
				CO3	3.00	2.84
				CO4	3.00	2.86
FEL102	Engineering Chemistry-I	-	Manju Mishra	CO 1	3.00	2.88
				CO 2	3.00	2.88
				CO 3	3.00	2.84
				CO 4	3.00	2.88
				CO 5	3.00	2.84
FEL103	Engineering Mechanics	-	Sushil Mishra	CO 1	3.00	2.88
				CO 2	3.00	2.86
				CO 3	3.00	2.88
				CO 4	3.00	2.87
				CO 5	3.00	2.86
				CO6	3.00	2.88
FEL104	Basic Electrical Engineering	-	Pratik Parsewar	CO1	3.00	3.00
				CO2	3.00	3.00
				CO3	3.00	3.00
				CO4	3.00	3.00
FEL105	Basic workshop practice-I	-	Sachin Patil	CO 1	2.00	0.59
				CO 2	2.00	0.59
				CO 3	2.00	0.58
				CO 4	2.00	0.58
				CO 5	2.00	0.59
				CO6	2.00	0.59
				CO 7	2.00	0.59





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Semester II						
FEC201	Engineering Maths-II	-	Dr. Jayesh Jain/ Bhagyashree Netke	CO 1	2.25	2.24
				CO 2	2.25	2.31
				CO 3	2.25	2.31
				CO 4	2.25	2.27
				CO 5	2.25	2.29
FEC202	Engineering Physics-II	-	Dr. Ajazul Haque/ Deepak Dubey	CO 1	3.00	2.86
				CO 2	2.50	2.83
				CO 3	2.50	2.83
				CO 4	3.00	2.74
				CO 5	2.50	2.77
				CO6	3.00	2.45
FEC203	Engineering Chemistry-II	-	Manju Mishra	CO 1	3.00	2.49
				CO 2	3.00	1.99
				CO 3	3.00	2.48
				CO 4	3.00	2.48
				CO 5	3.00	2.49
				CO 6	3.00	2.48
FEC204	Engineering Gaphics	-	Sushil Mishra	CO 1	3.00	2.78
				CO 2	3.00	2.33
				CO 3	3.00	2.70
				CO 4	3.00	2.78
				CO 5	3.00	2.90
				CO 6	3.00	2.10
FEC205	C-programming	-	Reshma Choudhari/Kritida Naik	CO 1	3.00	2.03
				CO 2	3.00	1.74
				CO 3	3.00	1.84
				CO 4	3.00	1.98
				CO 5	3.00	1.92





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FEC206	Professional communication and ethics	-	Dr. Prashant Pawar/ Dr. Trupti Patil	CO 1	3.00	2.90
				co1	3.00	2.90
				CO 2	3.00	2.92
				CO 3	3.00	2.91
				CO 4	3.00	2.93
				CO 5	3.00	2.93
				CO 6	3.00	2.94
FEL201	Engineering Physics-II	-	Dr.Ajazul Haque/Deepak Dubey	CO1	3.00	2.94
				CO2	3.00	2.94
				CO3	3.00	2.84
FEL202	Engineering Chemistry-II	-	Manju Mishra	CO 1	3.00	2.49
				CO 2	3.00	1.99
				CO 3	3.00	2.48
				CO 4	3.00	2.48
				CO 5	3.00	2.49
				CO 6	3.00	2.48
FEL203	Engineering Gaphics	-	Sushil Mishra	CO 1	3.00	2.64
				CO 2	3.00	2.27
				CO 3	3.00	2.68
				CO 4	3.00	2.78
				CO 5	3.00	2.84
				CO 6	3.00	2.10
FEL204	C-programming	-	Bhavika Thakur	CO 1	3.00	2.04
				CO 2	3.00	1.70
				CO 3	3.00	1.80
				CO 4	3.00	2.00
				CO 5	3.00	2.10
FEC205	Professional communication and ethics	-	Dr. Prashant Pawar/ Dr. Trupti Patil	CO1	3.00	2.90
				CO2	3.00	2.92
				CO3	3.00	2.91





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				CO4	3.00	2.93
				CO5	3.00	2.93
FEL206	Basic Workshop-II	-	Sachin Patil	CO1	2.00	0.60
				CO 2	2.00	0.60
				CO 3	2.00	0.60
				CO 4	2.00	0.60
				CO 5	2.00	0.60
				CO 6	2.00	0.60





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Civil Engineering

Semester III						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
CEC301	Engineering Mathematics III	A(Reg)	Ramashankar Prajapati	CO 1	2.25	2.93
				CO 2	2.25	2.95
				CO 3	2.25	2.89
				CO 4	2.25	2.83
				CO 5	2.25	2.90
				CO 6	2.25	2.90
CEC301	Engineering Mathematics III	A(Dse)	Ramashankar Prajapati	CO 1	2.25	2.93
				CO 2	2.25	2.95
				CO 3	2.25	2.89
				CO 4	2.25	2.83
				CO 5	2.25	2.90
				CO 6	2.25	2.90
CEC302	Mechanics of Solids	A (Reg)	Arathy Menon	CO 1	1.20	2.70
				CO 2	1.20	2.75
				CO 3	1.20	2.75
				CO 4	1.00	2.70
				CO 5	1.00	2.70
				CO 6	1.00	2.70
CEC302	Mechanics of Solids	A(Dse)	Arathy Menon	CO 1	1.20	2.70





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				CO 2	1.20	2.75
				CO 3	1.20	2.75
				CO 4	1.00	2.70
				CO 5	1.00	2.70
				CO 6	1.00	2.70
CEC303	Engineering Geology	A(Reg)	Purva Awari	CO 1	3.00	2.87
				CO 2	1.50	2.89
				CO 3	2.50	2.89
				CO 4	2.00	2.91
				CO 5	2.86	2.91
				CO 6	2.86	2.91
CEC303	Engineering Geology	A(Dse)	Purva Awari	CO 1	3.00	2.87
				CO 2	1.50	2.89
				CO 3	2.50	2.89
				CO 4	2.00	2.91
				CO 5	2.86	2.91
				CO 6	2.86	2.91
CEC304	Architectural Planning and Design of Buildings	A(Reg)	Yadnesh Patil	CO 1	2.00	1.28
				CO 2	2.00	1.27
				CO 3	1.66	1.22
				CO 4	2.00	1.27
				CO 5	2.00	1.17
				CO 6	1.66	1.22





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CEC304	Architectural Planning and Design of Buildings	A(Dse)	Yadnesh Patil	CO 1	2.00	1.28
				CO 2	2.00	1.27
				CO 3	1.66	1.22
				CO 4	2.00	1.27
				CO 5	2.00	1.17
				CO 6	1.66	1.22
CEC305	Fluid Mechanics-I	A(Reg)	Mayur Patel	CO 1	1.00	2.95
				CO 2	1.67	2.90
				CO 3	1.33	2.82
				CO 4	1.33	2.94
				CO 5	1.33	2.90
				CO 6	1.00	2.87
CEC305	Fluid Mechanics-I	A(Dse)	Mayur Patel	CO 1	1.00	2.95
				CO 2	1.67	2.90
				CO 3	1.33	2.82
				CO 4	1.33	2.94
				CO 5	1.33	2.90
				CO 6	1.00	2.87
CEC301	Engineering Mathematics III	B(Reg)	Ramashankar Prajapati	CO 1	2.25	1.37
				CO 2	2.25	1.30
				CO 3	2.25	1.20
				CO 4	2.25	1.36
				CO 5	2.25	1.30





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				CO 6	2.25	1.24
CEC301	Engineering Mathematics III	B(Dse)	Ramashankar Prajapati	CO 1	2.25	1.37
				CO 2	2.25	1.30
				CO 3	2.25	1.20
				CO 4	2.25	1.36
				CO 5	2.25	1.30
				CO 6	2.25	1.24
CEC302	Mechanics of Solids	B(Reg)	Abhijit Wasave	CO 1	1.20	2.92
				CO 2	1.20	2.90
				CO 3	1.20	2.98
				CO 4	1.00	2.88
				CO 5	1.00	2.98
				CO 6	1.00	2.88
CEC302	Mechanics of Solids	B(Dse)	Abhijit Wasave	CO 1	1.20	2.87
				CO 2	1.20	2.90
				CO 3	1.20	2.95
				CO 4	1.00	2.82
				CO 5	1.00	2.90
				CO 6	1.00	2.98
CEC303	Engineering Geology	B(Reg)	Vishal Urade	CO 1	2.00	1.20
				CO 2	2.00	1.40
				CO 3	2.00	1.30
				CO 4	2.00	1.70





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				CO 5	2.00	1.70
				CO 6	1.33	1.05
CEC303	Engineering Geology	B(Dse)	Vishal Urade	CO 1	2.00	1.20
				CO 2	2.00	1.40
				CO 3	2.00	1.30
				CO 4	2.00	1.70
				CO 5	2.00	1.70
				CO 6	1.33	1.05
CEC304	Architectural Planning and Design Of Buildings	B(Reg)	Jimit Chotai	CO 1	2.00	1.28
				CO 2	2.00	1.27
				CO 3	1.66	1.22
				CO 4	2.00	1.27
				CO 5	2.00	1.17
				CO 6	1.66	1.22
CEC304	Architectural Planning and Design Of Buildings	B(Dse)	Jimit Chotai	CO 1	2.00	1.28
				CO 2	2.00	1.27
				CO 3	1.66	1.22
				CO 4	2.00	1.27
				CO 5	2.00	1.17
				CO 6	1.66	1.22
CEC305	Fluid Mechanics-I	B(Reg)	Ashish Shetty	CO 1	1.00	2.95
				CO 2	1.67	2.90
				CO 3	1.33	2.82





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				CO 4	1.33	2.94
				CO 5	1.33	2.90
				CO 6	1.00	2.87
CEC305	Fluid Mechanics-I	B(Dse)	Ashish Shetty	CO 1	1.00	2.95
				CO 2	1.67	2.90
				CO 3	1.33	2.82
				CO 4	1.33	2.94
				CO 5	1.33	2.90
				CO 6	1.00	2.87
CEM301	Mini Project 1A	A & B	Yadnesh Patil	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester IV						
CEC401	Engineering Mathematics IV	A(Reg)	Ramashankar Prajapati	CO 1	2.25	2.93
				CO 2	2.25	2.95
				CO 3	2.25	2.89
				CO 4	2.25	2.83
				CO 5	2.25	2.90
				CO 6	2.25	2.90
CEC402	Structural Analysis	A (Reg)	Pratibha Patil	CO 1	3.00	1.23





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				CO 2	3.00	1.69
				CO 3	2.00	1.20
				CO 4	2.00	1.11
				CO 5	2.00	1.89
				CO 6	2.00	1.75
CEC403	Surveying	A(Reg)	Yadnesh Patil	CO 1	2.00	1.32
				CO 2	2.00	1.38
				CO 3	2.00	1.30
				CO 4	2.00	1.06
				CO 5	2.00	1.06
				CO 6	1.33	1.05
CEC404	Building Materials and Construction	A(Reg)	Asmita Mhatre	CO 1	2.00	1.38
				CO 2	2.50	1.38
				CO 3	2.50	1.38
				CO 4	2.33	1.38
				CO 5	2.50	1.38
				CO 6	3.00	1.37
CEC405	Fluid Mechanics-II	A(Reg)	Mayur Patel	CO 1	2.00	1.18
				CO 2	2.00	1.30
				CO 3	2.00	1.30
				CO 4	2.00	1.06
				CO 5	2.00	1.06
				CO 6	2.00	1.06





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CEC401	Engineering Mathematics IV	B(Reg)	Ramashankar Prajapati	CO 1	2.25	1.33
				CO 2	2.25	1.33
				CO 3	2.25	1.23
				CO 4	2.25	1.28
				CO 5	2.25	1.25
				CO 6	2.25	1.25
CEC402	Structural Analysis	B(Reg)	Meena Bhagat	CO 1	3.00	1.50
				CO 2	3.00	1.33
				CO 3	2.00	1.24
				CO 4	2.00	1.52
				CO 5	2.00	1.10
				CO 6	2.00	1.26
CEC403	Surveying	B(Reg)	Abhijit Wasave	CO 1	2.00	1.20
				CO 2	2.00	1.40
				CO 3	2.00	1.30
				CO 4	2.00	1.70
				CO 5	2.00	1.70
				CO 6	1.33	1.05
CEC404	Building Materials and Construction	B(Reg)	Yadnesh Patil	CO 1	1.60	1.33
				CO 2	1.75	1.25
				CO 3	1.75	1.38
				CO 4	1.50	1.37
				CO 5	1.60	1.38





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				CO 6	1.75	1.29
CEC405	Fluid Mechanics-II	B(Reg)	Asmita Mhatre	CO 1	1.67	1.38
				CO 2	2.50	1.38
				CO 3	2.50	1.38
				CO 4	2.00	1.38
				CO 5	2.00	1.38
				CO 6	1.50	1.37
CEM401	Mini Project 1B	A & B	Yadnesh Patil	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester V						
CEC501	Theory of Reinforced Concrete Structures	A	Akshay Mistry	CO 1	1.34	3.00
				CO 2	1.50	3.00
				CO 3	1.00	3.00
				CO 4	1.00	3.00
				CO 5	1.50	3.00
				CO 6	1.00	3.00
CEC502	Applied Hydraulics	A	Asmita Mhatre	CO 1	3.00	2.97
				CO 2	2.00	2.96
				CO 3	2.50	2.89





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				CO 4	3.00	2.94
				CO 5	3.00	2.97
				CO 6	3.00	2.89
CEC503	Geotechnical Engineering-I	A	Prashant Gondane	CO 1	1.50	2.92
				CO 2	1.50	2.90
				CO 3	2.00	2.94
				CO 4	2.00	2.95
				CO 5	2.00	2.88
				CO 6	2.00	2.88
CEC504	Transportation Engineering	A	Monica More	CO 1	1.50	1.20
				CO 2	1.50	1.32
				CO 3	2.00	1.32
				CO 4	1.00	1.15
				CO 5	1.50	1.19
				CO 6	2.00	1.32
CEDLO501 7	Department Level Optional Course 1 (Advance Concrete Technology)	A	Vishal Urade	CO 1	3.00	1.33
				CO 2	1.10	1.02
				CO 3	2.20	1.24
				CO 4	2.20	1.52
				CO 5	1.56	1.10
				CO 6	1.40	1.26
CEC501	Theory of Reinforced Concrete Structures	B	Pratibha Patil	CO 1	1.34	3.00
				CO 2	1.50	3.00





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				CO 3	1.00	3.00
				CO 4	1.00	3.00
				CO 5	1.50	3.00
				CO 6	1.00	3.00
CEC502	Applied Hydraulics	B	Ashish Shetty	CO 1	3.00	2.50
				CO 2	2.00	2.75
				CO 3	2.50	2.78
				CO 4	3.00	2.75
				CO 5	3.00	2.80
				CO 6	3.00	2.90
CEC503	Geotechnical Engineering	B	Arathy Menon	CO 1	1.20	2.97
				CO 2	1.20	2.97
				CO 3	1.20	2.97
				CO 4	1.00	2.97
				CO 5	1.00	2.97
				CO 6	1.00	2.97
CEC504	Transportation Engineering	B	Ramya Raju	CO 1	1.50	1.44
				CO 2	1.00	1.08
				CO 3	1.00	1.44
				CO 4	1.00	1.24
				CO 5	1.50	1.16
				CO 6	1.00	1.16
		B	Asmita Mhatre	CO 1	1.50	1.32





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CEDLO501 7	Department Level Optional Course 1 (Advance Concrete Technology)			CO 2	3.00	1.32
				CO 3	2.00	1.32
				CO 4	3.00	1.32
				CO 5	1.50	1.31
				CO 6	2.00	1.31
CEM501	Mini Project 1A	A & B	Asmita Mhatre	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VI						
CEC601	Design and Drawing of Steel Structures	A	Mayur Patel	CO 1	1.50	1.32
				CO 2	1.75	1.38
				CO 3	1.75	1.30
				CO 4	1.75	1.06
				CO 5	1.60	1.06
				CO 6	1.60	1.05
CEC602	Water Resource Engineering	A	Ramya Raju	CO 1	3.00	1.33
				CO 2	1.10	1.02
				CO 3	2.20	1.24
				CO 4	2.20	1.52
				CO 5	1.56	1.10





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				CO 6	1.40	1.26
CEC603	Geotechnical Engineering II	A	Arathy Menon	CO 1	1.33	1.37
				CO 2	1.40	1.29
				CO 3	1.33	1.37
				CO 4	1.40	1.29
				CO 5	1.33	1.37
				CO 6	1.40	1.37
CEC604	Environmental Engineering	A	Jimit Chotai	CO 1	2.50	1.38
				CO 2	1.00	1.30
				CO 3	2.00	1.38
				CO 4	1.33	1.14
				CO 5	2.00	1.06
				CO 6	1.50	1.30
CEDL013	Construction Equipment and Techniques	A	Vishal Urade	CO 1	3.00	2.26
				CO 2	3.00	2.36
				CO 3	3.00	2.38
				CO 4	2.00	3.00
				CO 5	2.00	2.50
				CO 6	3.00	1.80
CEC601	Design and Drawing of Steel Structures	B	Abhijit Wasave	CO 1	1.50	1.42
				CO 2	1.75	1.38
				CO 3	1.75	1.30
				CO 4	1.75	1.40





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				CO 5	1.60	1.40
				CO 6	1.60	1.05
CEC602	Water Resource Engineering	B	Vishal Urade	CO 1	3.00	1.20
				CO 2	3.00	1.23
				CO 3	3.00	1.25
				CO 4	2.00	1.23
				CO 5	2.00	1.23
				CO 6	3.00	1.50
CEC603	Geotechnical Engineering II	B	Ashish Shetty	CO 1	1.33	1.30
				CO 2	1.40	1.35
				CO 3	1.33	1.40
				CO 4	1.40	1.29
				CO 5	1.33	1.37
				CO 6	1.40	1.38
CEC604	Environmental Engineering	B	Purva Awari	CO 1	2.50	1.30
				CO 2	1.00	1.30
				CO 3	2.00	1.38
				CO 4	1.33	1.20
				CO 5	2.00	1.06
				CO 6	1.50	1.40
CEDL013	Construction Equipment and Techniques	B	Jimit Chotai	CO 1	1.50	1.35
				CO 2	2.00	1.34
				CO 3	2.00	1.38





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				CO 4	1.33	1.06
				CO 5	2.00	1.14
				CO 6	2.00	1.07
CEM601	Mini Project 2B	A & B	Asmita Mhatre	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VII						
CEC701	Quantity Survey ,Estimation and Valuation	A	Abhijit Wasave	CO 1	2.00	2.90
				CO 2	2.00	2.80
				CO 3	1.67	2.90
				CO 4	2.00	2.80
				CO 5	2.00	2.80
				CO 6	2.00	2.88
CEC702	Theory of Reinforced Concrete Structures	A	Mayur Patel	CO 1	1.75	2.99
				CO 2	1.33	2.91
				CO 3	1.75	2.91
				CO 4	2.00	2.99
				CO 5	2.00	2.91
				CO 6	2.00	2.88
CEC703	Water Resource Engineering II	A	Lissy Jose	CO 1	2.67	2.92





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				CO 2	2.67	3.00
				CO 3	2.67	2.92
				CO 4	2.67	2.92
				CO 5	2.67	2.92
				CO 6	2.67	2.92
CEC DLO7042	Solid Waste Management	A	Purva Awari	CO 1	3.00	2.87
				CO 2	1.50	2.89
				CO 3	2.50	2.89
				CO 4	2.00	2.91
				CO 5	2.86	2.91
				CO 6	2.86	2.91
ILO7017	Disaster Management	A	Yadnesh Patil	CO 1	2.20	1.39
				CO 2	2.00	1.35
				CO 3	2.20	1.39
				CO 4	2.00	1.25
				CO 5	1.67	1.34
				CO 6	1.67	1.36
CEC701	Quantity Survey ,Estimation and Valuation	A	Abhijit Wasave	CO 1	2.00	2.90
				CO 2	2.00	2.80
				CO 3	1.67	2.90
				CO 4	2.00	2.80
				CO 5	2.00	2.80
				CO 6	2.00	2.88





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CEC702	Theory of Reinforced Concrete Structures	A	Mayur Patel	CO 1	1.75	2.99
				CO 2	1.33	2.91
				CO 3	1.75	2.91
				CO 4	2.00	2.99
				CO 5	2.00	2.91
				CO 6	2.00	2.88
CEC703	Water Resource Engineering	B	Ramya Raju	CO 1	1.00	2.00
				CO 2	2.00	1.50
				CO 3	2.30	1.33
				CO 4	1.56	1.45
				CO 5	1.20	1.10
				CO 6	1.00	1.00
CEC DLO7042	Solid Waste Management	B	Monica More	CO 1	3.00	2.87
				CO 2	1.50	2.89
				CO 3	2.50	2.89
				CO 4	2.00	2.91
				CO 5	2.86	2.91
				CO 6	2.86	2.91
ILO7017	Disaster Management	B	Jimit Chotai	CO 1	2.20	1.38
				CO 2	2.00	1.34
				CO 3	2.20	1.41
				CO 4	2.00	1.39
				CO 5	1.67	1.33





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				CO 6	1.67	1.36
CEP701	Major Project - I	A & B	Abhijit Wasave	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VIII						
CEC 801	Design and Drawing of Reinforced Concrete Structure	A	Akshay Mistry	CO 1	1.50	3.00
				CO 2	1.00	3.00
				CO 3	1.00	3.00
				CO 4	1.50	3.00
				CO 5	1.00	3.00
				CO 6	1.00	3.00
CEC802	Construction Management	A	Lissy Jose	CO 1	2.00	2.40
				CO 2	2.40	2.52
				CO 3	2.40	2.52
				CO 4	3.00	2.40
				CO 5	2.80	2.52
				CO 6	2.20	2.52
ILO8021	Project Management	A	Ashish Shetty	CO 1	2.20	1.38
				CO 2	2.00	1.34
				CO 3	2.20	1.41





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				CO 4	2.00	1.39
				CO 5	1.67	1.33
				CO 6	1.67	1.36
CEDLO803 2	Industrial Waste Management	A	Prashant Gondane	CO 1	2.00	2.92
				CO 2	2.00	2.90
				CO 3	1.50	2.91
				CO 4	2.00	2.96
				CO 5	2.00	2.96
				CO 6	2.00	2.82
CEC801	Design and Drawing of Reinforced Concrete Structure	B	Pratibha Patil	CO 1	1.50	3.00
				CO 2	1.00	3.00
				CO 3	1.00	3.00
				CO 4	1.50	3.00
				CO 5	1.00	3.00
				CO 6	1.00	3.00
CEC802	Construction Management	B	Prashant Gondane	CO 1	2.00	2.40
				CO 2	2.40	2.52
				CO 3	2.40	2.52
				CO 4	3.00	2.40
				CO 5	2.80	2.52
				CO 6	2.20	2.52
ILO8021	Project Management	B	Arathy Menon	CO 1	1.33	1.37
				CO 2	1.40	1.29





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				CO 3	1.33	1.37
				CO 4	1.40	1.29
				CO 5	1.33	1.37
				CO 6	1.40	1.37
CEDLO803 2	Industrial Waste Management	B	Purva Awari	CO 1	2.00	2.80
				CO 2	2.00	2.90
				CO 3	1.50	2.92
				CO 4	2.00	2.96
				CO 5	2.00	2.96
				CO 6	2.00	2.85
CEP801	Major Project -II	A & B	Abhijit Wasave	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	3.00





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Computer Engineering

Semester III						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
CSC301	Applied Mathematics-III	-	Shiksha Singh	CO 1	3.00	1.00
				CO 2	3.00	1.00
				CO 3	3.00	1.00
				CO 4	3.00	1.20
				CO 5	3.00	1.40
				CO 6	3.00	1.00
CSC302	Discrete Structures and Graph Theory	-	Kirtida Naik	CO 1	3.00	3.00
				CO 2	3.00	2.84
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSC303	Data Structure	-	Janhavi Sangoi	CO 1	3.00	2.84
				CO 2	3.00	2.68
				CO 3	3.00	2.84
				CO 4	3.00	2.84
				CO 5	3.00	2.84
				CO 6	3.00	2.84
CSC304		-	Akshata Raut	CO 1	3.00	2.80





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	Digital Logic & Computer Organization and Architecture			CO 2	3.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	2.60
				CO 5	3.00	2.60
				CO 6	3.00	2.60
CSC305	Computer Graphics	-	Reshma Chaudhari	CO 1	3.00	2.84
				CO 2	3.00	2.84
				CO 3	3.00	2.84
				CO 4	3.00	2.84
				CO 5	3.00	2.84
				CO 6	3.00	2.84
CSL301	Data Structure Lab	-	Janhavi Sangoi	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL302	Digital Logic & Computer Organization and Architecture Lab	-	Akshata Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL303	Computer Graphics Lab	-	Reshma Chaudhari	CO 1	3.00	2.36
				CO 2	3.00	2.36
				CO 3	3.00	2.36
				CO 4	3.00	2.36





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CSL304	Skill base Lab course : Object Oriented Programming with Java	-	Umesh Mohite / Monali Pimpale	CO 1	3.00	2.20
				CO 2	3.00	0.60
				CO 3	3.00	0.60
				CO 4	3.00	0.60
				CO 5	3.00	0.60
				CO 6	3.00	0.60
CSM301	Mini Project – 1 A	-	Janhavi Sangoi / Reshma Chaudhari / Akshata Raut	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	3.00	1.40
				CO 4	3.00	1.40
				CO 5	3.00	1.40
				CO 6	3.00	1.40
				CO 7	3.00	1.40
				CO 8	3.00	1.40
				CO 9	3.00	1.40
Semester IV						
CSC401	Applied Mathematics-IV	-	Shiksha Singh	CO 1	3.00	1.00
				CO 2	3.00	1.00
				CO 3	3.00	1.00
				CO 4	3.00	1.20
				CO 5	3.00	1.40
				CO 6	3.00	1.00
CSC402	Analysis of Algorithm	-	Akshata Raut	CO 1	3.00	2.80





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				CO 2	3.00	2.80
				CO 3	3.00	2.40
				CO 4	3.00	2.60
				CO 5	3.00	2.60
				CO 6	3.00	2.40
CSC403	Database Management System	-	Vinit Raut	CO 1	3.00	1.72
				CO 2	3.00	1.72
				CO 3	3.00	1.72
				CO 4	3.00	1.72
				CO 5	3.00	1.52
CSC404	Operating System	-	Bhavika Thakur	CO 1	3.00	2.28
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	2.00
				CO 5	3.00	2.28
				CO 6	3.00	2.00
CSC405	Microprocessor	-	Bhavika Thakur	CO 1	3.00	1.56
				CO 2	3.00	1.36
				CO 3	3.00	1.20
				CO 4	3.00	1.20
				CO 5	3.00	1.36
				CO 6	3.00	1.36
CSL401	Analysis of Algorithm Lab	-	Akshata Raut	CO 1	3.00	3.00





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				CO 2	3.00	2.80
				CO 3	3.00	3.00
				CO 4	3.00	2.80
CSL402	Database Management System Lab	-	Vinit Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL403	Operating System Lab	-	Bhavika Thakur / Kirtida Naik	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL404	Microprocessor Lab	-	Bhavika Thakur	CO 1	3.00	1.20
				CO 2	3.00	1.20
				CO 3	3.00	1.00
				CO 4	3.00	1.00
CSL405	Skill Base Lab Course: Python Programming	-	Janhavi Sangoi / Vinit Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
CSM401	Mini Project 1-B	-	Janhavi Sangoi	CO 1	3.00	3.00





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				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
				CO 8	3.00	3.00
				CO 9	3.00	3.00
Semester V						
CSC501	Theoretical Computer Science	-	Bhavika Thakur	CO 1	3.00	2.48
				CO 2	3.00	2.64
				CO 3	3.00	2.28
				CO 4	3.00	2.28
				CO 5	3.00	2.28
CSC502	Software Engineering	-	Kirtida Naik	CO 1	3.00	2.64
				CO 2	3.00	2.64
				CO 3	3.00	2.80
				CO 4	3.00	2.64
				CO 5	3.00	2.64
CSC503	Computer Network	-	Vinit Raut	CO 1	3.00	2.84
				CO 2	3.00	2.84
				CO 3	3.00	2.52
				CO 4	3.00	2.68





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				CO 5	3.00	2.68
				CO 6	3.00	2.52
CSC504	Data warehousing & Mining	-	Saniket Kudoo	CO 1	3.00	2.33
				CO 2	3.00	2.33
				CO 3	3.00	2.33
				CO 4	3.00	2.33
				CO 5	3.00	2.33
				CO 6	3.00	2.33
CSDLO5012	Internet Programming	-	Umesh Mohite	CO 1	3.00	2.60
				CO 2	3.00	2.60
				CO 3	3.00	2.60
				CO 4	3.00	2.60
				CO 5	3.00	2.60
				CO 6	3.00	2.60
CSL501	Software Engineering Lab	-	Kirtida Naik	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.84
				CO 4	3.00	2.80
				CO 5	3.00	2.84
CSL502	Computer Network Lab	-	Vinit Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00





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CSL503	Data Warehousing & Mining Lab	-	Saniket Kudoo	CO 1	3.00	2.35
				CO 2	3.00	2.37
				CO 3	3.00	2.40
				CO 4	3.00	2.40
CSL504	Professional Comm. & Ethics II	-	Dr. Trupti Patil	CO 1	3.00	2.91
				CO 2	3.00	2.89
				CO 3	3.00	2.88
				CO 4	3.00	2.90
				CO 5	3.00	2.89
CSM501	Mini Project: 2 A	-	Umesh Mohite / Vinit Raut / Saniket Kudoo	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
				CO 8	3.00	3.00
Semester VI						
CSC601	System Programming & Compiler Construction	-	Reshma Chaudhari	CO 1	3.00	2.68
				CO 2	3.00	2.68
				CO 3	3.00	2.68





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				CO 4	3.00	2.84
				CO 5	3.00	2.68
				CO 6	3.00	2.68
CSC602	Cryptography & System Security	-	Umesh Mohite	CO 1	3.00	2.11
				CO 2	3.00	2.10
				CO 3	3.00	2.08
				CO 4	2.00	2.07
				C05	3.00	2.08
				C06	3.00	2.09
CSC603	Mobile Computing	-	Saniket Kudoo	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSC604	Artificial Intelligence	-	Kirtida Naik	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.84
				CO 4	3.00	2.84
				CO 5	3.00	2.84
CSDLO6011	Internet of Things	-	Janhavi Sangoi	CO 1	2.50	3.00
				CO 2	2.00	2.68
				CO 3	2.00	2.84





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				CO 4	2.00	2.68
CSL601	System Programming & Compiler Construction Lab	-	Reshma Chaudhari	CO 1	3.00	1.72
				CO 2	3.00	1.72
				CO 3	3.00	1.72
				CO 4	3.00	1.72
				CO 5	3.00	1.72
				CO 6	3.00	1.72
CSL602	Cryptography & System Security Lab	-	Umesh Mohite	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.60
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	2.80
CSL603	Mobile Computing Lab	-	Saniket Kudoo	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL604	Artificial Intelligence Lab	-	Kirtida Naik	CO 1	2.00	2.36
				CO 2	3.00	2.36
				CO 3	3.00	2.20
				CO 4	3.00	2.00
CSL605	Skill base Lab Course: Cloud Computing	-	Umesh Mohite / Akshata Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00





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				CO 3	3.00	3.00
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSM601	Mini Project Lab: 2B	-	Sunita Naik / Reshma Chaudhari	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
				CO 8	3.00	3.00
				CO 9	3.00	3.00
Semester VII						
CSC701	Digital Signal & Image Processing	-	Sunita Naik	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSC702	Mobile Communication & Computing	-	Pallavi Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00





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				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSC703	Artificial Intelligence & Soft Computing	-	Ashwini Save	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSDLO7031	Advance System Security & Digital Forensics	-	Monali Pimpale	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
ILO7016	Cyber Security and Laws	-	Bhavika Thakur	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL701	Digital Signal & Image Processing Lab	-	Sunita Naik	CO 1	3.00	3.00
				CO 2	3.00	3.00





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				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL702	Mobile App. Development. Tech. Lab	-	Pallavi Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL703	Artificial Intelligence & Soft Computing Lab	-	Ashwini Save	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL704	Computational Lab-I	-	Monali Pimpale	CO 1	3.00	3.00
				CO 2	3.00	3.00
CSP705	Major Project-I	-	Akshaya Prabhu	CO 1	3.00	2.00
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	2.00
				CO 5	3.00	2.00
Semester VIII						
CSC801	Human Machine Interaction	-	Ashwini Save	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00





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				CO 4	3.00	3.00
				CO 5	3.00	3.00
CSC802	Distributed Computing	-	Sunita Naik	CO 1	3.00	3.00
				CO 2	3.00	2.84
				CO 3	3.00	2.84
				CO 4	3.00	2.52
				CO 5	3.00	2.68
				CO 6	3.00	2.84
CSDLO8012	Natural Language Processing	-	Monali Pimpale	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	2.60
				CO 5	3.00	2.80
				CO 6	3.00	2.60
ILO8021	Project Management	-	Pallavi Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
CSL801	Human Machine Interaction Lab	-	Ashwini Save	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00





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				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL802	Distributed Computing Lab	-	Sunita Naik	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL803	Cloud Computing Lab	-	Pallavi Raut / Monali Pimpale	CO 1	3.00	2.68
				CO 2	3.00	2.52
				CO 3	3.00	2.52
				CO 4	3.00	2.68
				CO 5	3.00	2.68
CSL804	Computational Lab-II	-	Monali Pimpale	CO 1	3.00	3.00
				CO 2	3.00	3.00
CSP805	Major Project-II	-	Akshaya Prabhu	CO 1	3.00	2.84
				CO 2	3.00	2.84
				CO 3	3.00	2.84
				CO 4	3.00	2.84
				CO 5	3.00	2.84
				CO 6	3.00	2.84





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Electrical Engineering

Semester III						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
EEC301	Engineering Mathematics III	-	Bhagyashree Netke	CO 1	2.50	3.00
				CO 2	2.50	3.00
				CO 3	2.50	3.00
				CO 4	2.50	3.00
				CO 5	2.50	3.00
				CO 6	2.50	3.00
EEC302	Electrical Circuit Analysis	-	Mukeshkumar Mishra	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 6	3.00	2.80
EEC303	Fundamentals of Electrical Machines & Measurements	-	Ritesh Chavan	CO 1	3.00	3.00
				CO 2	3.00	2.84
				CO 3	3.00	3.00
				CO 4	3.00	2.60
				CO 6	3.00	3.00
EEC304	Electrical Power System I	-	Kavita Mhaskar	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00





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				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEC305	Analog Electronics	-	Bhushan Save	CO 1	2.00	2.20
				CO 2	2.00	1.80
				CO 3	2.00	2.00
				CO 4	2.00	2.00
				CO 5	3.00	2.20
				CO 6	2.00	2.20
EEL301	Electrical Machines & Measurements Lab	-	Ritesh Chavan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.50
				CO 4	3.00	2.00
				CO 5	3.00	2.00
EEL302	Electronics Lab-I	-	Bhushan Save	CO 1	3.00	2.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	3.00	2.50
				CO 5	3.00	3.00
EEL303	Simulation Lab-I	-	Kavita Mhaskar	CO 1	3.00	3.00
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	1.50
EEL304	Applied Electrical Engineering Lab (SBL)	-	Anojkumar Yadav	CO 1	3.00	1.50
				CO 2	3.00	2.25
				CO 3	3.00	1.60
				CO 4	3.00	1.60
				CO 5	3.00	3.00





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EEM301	Mini Project – 1A	-	Mukeshkumar Mishra	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
				CO 7	2.00	3.00
				CO 8	2.00	3.00
				CO 9	2.00	3.00
Semester III (DSE)						
EEC301	Engineering Mathematics III	-	Bhagyashree Netke	CO 1	2.50	3.00
				CO 2	2.50	3.00
				CO 3	2.50	2.60
				CO 4	2.50	3.00
				CO 5	2.50	3.00
				CO 6	2.50	2.60
EEC302	Electrical Circuit Analysis	-	Mukeshkumar Mishra	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
EEC303	Fundamentals of Electrical Machines & Measurements	-	Ritesh Chavan	CO 1	3.00	3.00
				CO 2	3.00	2.80
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	2.80





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EEC304	Electrical Power System I	-	Kavita Mhaskar	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEC305	Analog Electronics	-	Bhushan Save	CO 1	2.00	2.60
				CO 2	2.00	2.20
				CO 3	2.00	2.20
				CO 4	2.00	2.60
				CO 5	3.00	2.60
				CO 6	2.00	2.40
EEL301	Electrical Machines & Measurements Lab	-	Ritesh Chavan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
EEL302	Electronics Lab-I	-	Bhushan Save	CO 1	3.00	3.00
				CO 2	2.00	2.00
				CO 3	2.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	2.00
EEL303	Simulation Lab-I	-	Kavita Mhaskar	CO 1	3.00	2.50
				CO 2	3.00	2.00
				CO 3	3.00	3.00
				CO 4	3.00	2.00
EEL304		-	Anojkumar Yadav	CO 1	3.00	1.50





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	Applied Electrical Engineering Lab (SBL)			CO 2	3.00	2.25
				CO 3	3.00	1.60
				CO 4	3.00	1.60
				CO 5	3.00	3.00
EEM301	Mini Project – 1A	-	Mukeshkumar Mishra	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
				CO 7	2.00	3.00
				CO 8	2.00	3.00
				CO 9	2.00	3.00
Semester IV						
EEC401	Engineering Mathematics-IV	-	Bhagyashree Netke	CO 1	2.50	3.00
				CO 2	2.50	3.00
				CO 3	2.50	2.84
				CO 4	2.50	2.68
				CO 5	2.50	2.84
				CO 6	2.50	3.00
EEC402	Electrical AC Machines-I	-	Sangita Kamble	CO 1	3.00	2.92
				CO 2	3.00	2.92
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	2.68





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EEC403	Digital Electronics	-	Bhushan Save	CO 1	3.00	2.00
				CO 2	3.00	2.00
				CO 3	2.00	2.00
				CO 4	2.00	2.00
				CO 5	3.00	1.50
				CO 6	3.00	2.00
EEC404	Power Electronic Devices and Circuits	-	Chitralkha Vangala	CO 1	3.00	1.20
				CO 2	3.00	1.20
				CO 3	3.00	1.40
				CO 4	3.00	1.20
				CO 5	3.00	1.20
EEC405	Electric and Hybrid Electric Vehicles	-	Mukeshkumar Mishra	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	2.80
EEL401	Electrical AC Machines Lab I	-	Sangita Kamble	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
EEL402	Python Programming Lab	-	Saniket Kudoo	CO 1	3.00	2.36
				CO 2	3.00	2.36
				CO 3	3.00	2.36
				CO 4	3.00	2.36
				CO 5	3.00	2.36





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EEL403	Electronics Lab II	-	Bhushan Save	CO 1	2.50	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	2.50	3.00
				CO 5	3.00	3.00
EEL404	PCB Design and Fabrication Lab (SBL)	-	Mukeshkumar Mishra	CO 1	3.00	1.50
				CO 2	3.00	1.50
				CO 3	3.00	1.50
				CO 4	3.00	1.50
				CO 5	3.00	1.50
EEM401	Mini Project – 1B	-	Mukeshkumar Mishra	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
				CO 7	2.00	3.00
				CO 8	2.00	3.00
				CO 9	2.00	3.00
Semester V						
EEC501	Electrical AC Machines II	-	Piyali Mondal	CO 1	3.00	2.20
				CO 2	3.00	2.20
				CO 3	3.00	2.20
				CO 4	3.00	2.00
				CO 5	3.00	2.20
				CO 6	3.00	2.20





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EEC502	Electrical Power System II	-	Ritesh Chavan	CO 1	3.00	2.80
				CO 2	3.00	2.60
				CO 3	3.00	2.60
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEC503	Control System	-	Chitralkha Vangala	CO 1	3.00	3.00
				CO 2	2.50	3.00
				CO 3	2.50	3.00
				CO 4	2.50	3.00
				CO 5	2.50	3.00
EEC504	Electromagnetic Field and Wave	-	Anojkumar Yadav	CO 1	3.00	2.60
				CO 2	3.00	2.28
				CO 3	3.00	2.44
				CO 4	3.00	2.60
				CO 5	3.00	2.40
				CO 6	3.00	2.24
EEDO5011	Renewable Energy Sources	-	Rahul Abhyankar	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.60
				CO 6	3.00	3.00
EEL501	Electrical AC Machines Lab II	-	Piyali Mondal	CO 1	3.00	2.50
				CO 2	3.00	2.50
				CO 3	3.00	2.50
				CO 4	2.00	2.50





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EEL502	Simulation Lab II	-	Rahul Abhyankar	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	3.00
EEL503	Control System Lab	-	Chitralekha Vangala	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.50
				CO 4	3.00	3.00
EEL504	Professional Communication and Ethics-II	-	Dr. Prashant Pawar	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO5	3.00	3.00
				CO6	3.00	3.00
EEM501	Mini Project – 2A	-	Mukeshkumar Mishra	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
				CO 7	2.00	3.00
				CO 8	2.00	3.00
				CO 9	2.00	3.00
Semester VI						
EEC601	Power System Protection & Switchgear	-	Rahul Abhyankar	CO 1	3.00	2.00
				CO 2	3.00	1.80
				CO 3	3.00	2.00





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				CO 4	3.00	1.80
				CO 5	3.00	1.80
				CO 6	3.00	2.20
EEC602	Microcontroller Applications	-	Ashwini Haryan	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO6	3.00	3.00
EEC603	Control System Design	-	Kushal Suvarna	CO 1	3.00	1.20
				CO 2	3.00	1.20
				CO 3	3.00	1.20
				CO 4	3.00	1.15
				CO5	3.00	1.00
				CO 6	3.00	1.15
EEC604	Signals and Systems	-	Chitralekha Vangala	CO 1	3.00	2.50
				CO 2	2.00	2.50
				CO 3	2.00	2.50
				CO 4	3.00	2.50
EEDO6014	Energy Storage	-	Anojkumar Yadav	CO 1	3.00	1.48
				CO 2	3.00	1.36
				CO 3	3.00	1.20
				CO 4	3.00	1.48
				CO 5	3.00	1.36
				CO 6	3.00	1.20
EEL601	Power System Protection & Switchgear Lab	-	Rahul Abhyankar	CO 1	3.00	2.50
				CO 2	3.00	2.00
				CO 3	3.00	2.00





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				CO 4	3.00	2.00
EEL602	Microcontroller Applications Lab	-	Ashwini Haryan	CO 1	2.00	2.00
				CO 2	3.00	2.50
				CO 3	3.00	2.50
				CO 4	3.00	2.50
EEL603	Control System Design Lab	-	Chitralekha Vangala	CO 1	2.50	1.00
				CO 2	3.00	1.00
				CO 3	2.50	1.00
EEL604	SBL-III: Industrial Automation Lab	-	Anojkumar Yadav	CO 1	3.00	2.25
				CO 2	3.00	2.25
				CO 3	3.00	1.75
				CO 4	3.00	1.75
				CO 5	3.00	1.75
EEM601	Mini Project – 2B	-	Mukeshkumar Mishra	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
				CO 7	2.00	3.00
				CO 8	2.00	3.00
Semester VII						
EEC701	Power System - III	-	Kavita Mhaskar	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00





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				CO6	3.00	3.00
EEC702	Drives and Control	-	Piyali Mondal	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEC703	High Voltage Direct Current Transmission	-	Sunil Suknale	CO 1	3.00	2.80
				CO 2	3.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	3.00
				CO 5	3.00	2.60
				CO 6	3.00	3.00
EEDLO7032	Electric Vehicle Technology	-	Mukeshkumar Mishra	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	2.80
ILO7018	Energy Audit and Management	-	Rahul Abhyankar	CO 1	3.00	3.00
				CO 2	3.00	2.80
				CO 3	3.00	3.00
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEL701	Simulation Lab - III	-	Mukeshkumar Mishra	CO 1	3.00	3.00
				CO 2	3.00	3.00





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				CO 3	3.00	3.00
EEL702	Drives and Control Lab	-	Piyali Mondal	CO 1	3.00	3.00
				CO 2	3.00	3.00
EEL701	Project-I	-	Mukeshkumar Mishra	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VIII						
EEC801	Design, Management and Auditing of Electrical Systems	-	Piyali Mondal	CO 1	3.00	2.20
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	1.80
				CO 5	3.00	2.00
				CO 6	3.00	2.00
EEC802	Flexible AC Transmission System	-	Piyali Mondal	CO 1	3.00	2.60
				CO 2	3.00	2.60
				CO 3	3.00	2.60
				CO4	3.00	2.80
				CO 5	3.00	2.60
				CO6	3.00	2.80
EEDLO80 44	Power System Planning and Reliability	-	Rahul Abhyankar	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	2.80
				CO 4	3.00	2.60





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				CO 5	3.00	2.80
				CO 6	3.00	2.60
ILO8021	Project Management	-	Sangita Kamble	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO4	3.00	3.00
				CO5	3.00	3.00
				CO6	3.00	3.00
EEL801	Simulation Lab - IV	-	Chitralkha Vangala	CO 1	3.00	3.00
				CO 2	3.00	2.50
EEL802	Electrical System Design Lab	-	Kavita Mhaskar	CO 1	3.00	1.00
EEL803	Project-II	-	Mukeshkumar Mishra	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00





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Electronics & Telecommunication Engineering

Semester III						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
ECC301	Engineering Mathematics III	-	Bhagyashree Netke	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	3.00	2.80
				CO 4	2.00	3.00
				CO 5	2.50	3.00
				CO 6	2.25	2.90
ECC302	Electronic Devices & Circuits	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ECC303	Digital System Design	-	Madhura Ranade	CO 1	2.00	3.00
				CO 2	2.00	2.90
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	2.95
				CO 6	2.00	3.00
ECC304	Network Theory	-	Meera Kulkarni	CO 1	3.00	2.90
				CO 2	2.00	2.80
				CO 3	2.00	2.85
				CO 4	2.00	2.70
				CO 5	2.00	2.80
				CO 6	2.00	2.80
ECC305	Electronic Instrumentation & Control Systems	-	Kushal Suvarna	CO 1	2.33	2.50
				CO 2	2.00	2.50





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				CO 3	2.00	2.30
				CO 4	2.50	2.70
				CO 5	2.50	2.70
				CO 6	2.50	2.50
ECL301	Electronic Devices & Circuits Lab	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ECL302	Digital System Design Lab	-	Madhura Ranade	CO 1	2.00	3.00
				CO 2	2.00	2.90
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	2.95
				CO 6	2.00	3.00
ECL303	Electronic Instrumentation & Control Systems Lab	-	Kushal Suvarna	CO 1	2.33	2.50
				CO 2	2.00	2.50
				CO 3	2.00	2.30
				CO 4	2.50	2.70
				CO 5	2.50	2.70
				CO 6	2.50	2.50
ECL304	Skill Lab: C++ and Java Programming	-	Kushal Suvarna	CO 1	2.00	3.00
				CO 2	1.50	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00





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ECM301	Mini Project 1A	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
Semester IV						
ECC401	Engineering Mathematics IV	-	Bhagyashree Netke	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	3.00	1.40
				CO 4	3.00	1.40
				CO 5	3.00	1.30
				CO 6	2.50	1.30
ECC402	Microcontrollers	-	Nutan Malekar	CO 1	2.00	1.30
				CO 2	2.00	1.30
				CO 3	2.00	1.30
				CO 4	2.00	1.30
				CO 5	2.00	1.25
				CO 6	2.00	1.25
ECC403	Linear Integrated Circuits	-	Madhura Ranade	CO 1	2.66	1.40
				CO 2	2.50	1.40
				CO 3	2.66	1.40
				CO 4	2.66	1.40
				CO 5	2.66	1.40
				CO 6	2.66	1.40
ECC404	Signals & Systems	-	Archana Ingle	CO 1	2.00	1.35
				CO 2	2.00	1.30
				CO 3	2.00	1.40





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				CO 4	2.00	1.30
				CO 5	2.00	1.35
				CO 6	2.00	1.25
ECC405	Principles of Communication Engineering	-	Shoeb Shaikh	CO 1	2.00	1.40
				CO 2	2.00	1.40
				CO 3	2.00	1.40
				CO 4	2.00	1.40
				CO 5	2.00	1.35
				CO 6	2.00	1.40
ECL401	Microcontrollers Lab	-	Nutan Malekar	CO 1	2.00	2.00
				CO 2	2.00	2.00
				CO 3	2.00	2.00
				CO 4	2.00	2.00
ECL402	Linear Integrated Circuits Lab	-	Meena Perla	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ECL403	Principles of Communication Engineering Lab	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL404	Skill Lab: Python Programming	-	Kushal Suvarna	CO 1	2.00	3.00
				CO 2	1.50	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00





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				CO 6	2.00	3.00
ECM401	Mini Project 1B	-	Shoeb Shaikh	CO 1	2.50	3.00
				CO 2	2.50	3.00
				CO 3	2.50	3.00
				CO 4	2.50	3.00
				CO 6	2.00	3.00
Semester V						
ECC501	Digital Communication	-	Madhura Ranade	CO 1	2.00	2.20
				CO 2	3.00	2.20
				CO 3	2.00	2.20
				CO 4	1.00	2.20
				CO 5	2.00	2.20
				CO 6	2.50	2.20
ECC502	Discrete Time Signal Processing	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ECC503	Digital VLSI	-	Nutan Malekar	CO 1	2.00	2.20
				CO 2	2.00	2.20
				CO 3	2.00	2.10
				CO 4	2.00	2.10
				CO 5	2.00	2.20
				CO 6	2.00	2.20
ECC504	Random Signal Analysis	-	Ashwini Haryan	CO 1	2.00	3.00
				CO 2	2.00	2.95
				CO 3	2.50	3.00
				CO 4	2.50	2.97





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				CO 5	2.00	3.00
				CO 6	2.00	2.97
ECCDLO5012	Data Compression and Cryptography	-	Meena Perla	CO 1	2.50	2.10
				CO 2	2.50	2.10
				CO 3	2.50	2.10
				CO 4	3.00	2.10
				CO 5	3.00	2.10
				CO 6	2.50	2.10
				ECL501	Digital Communication Lab	-
CO 2	3.00	2.00				
CO 3	2.00	2.00				
CO 4	1.00	2.00				
CO5	2.00	2.00				
CO 6	2.50	2.00				
ECL502	Discrete Time Signal Processing Lab	-	Shoeb Shaikh	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL503	Digital VLSI Lab	-	Nutan Malekar	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL504	Professional Communication & Ethics - II	-	Prashant Pawar	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00





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ECM501	Mini Project 2A Embedded System Project	-	Nutan Malekar	CO 1	2.00	2.00
				CO 2	2.00	2.00
				CO 3	2.00	2.00
				CO 4	2.00	2.00
				CO 5	2.00	2.00
				CO 6	2.00	2.00
Semester VI						
ECC601	Electromagnetics and Antenna	-	Meera Kulkarni	CO 1	2.25	1.35
				CO 2	2.25	1.30
				CO 3	2.33	1.40
				CO 4	2.33	1.30
				CO 5	2.33	1.40
				CO 6	2.33	1.30
ECC602	Computer Communication Networks	-	Meena Perla	CO 1	2.50	2.20
				CO 2	3.00	2.20
				CO 3	2.75	2.20
				CO 4	3.00	2.15
				CO 5	3.00	2.20
				CO 6	3.00	2.20
ECC603	Image Processing and Machine Vision	-	Madhura Ranade	CO 1	2.00	1.40
				CO 2	1.50	1.40
				CO 3	2.00	1.40
				CO 4	2.00	1.25
				CO 5	2.00	1.30
				CO 6	2.00	1.30
ECC604	Artificial Neural Network and Fuzzy Logic	-	Karishma Raut	CO 1	2.50	1.40
				CO 2	2.75	1.40
				CO 3	2.66	1.40





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				CO 4	2.66	1.25
				CO 5	2.71	1.30
				CO 6	2.75	1.30
ECCDLO6014	Database Management System	-	Kushal Suvarna	CO 1	2.00	2.20
				CO 2	2.00	2.20
				CO 3	3.00	2.15
				CO 4	3.00	2.15
				CO 5	3.00	2.15
				CO 6	2.00	2.15
ECL601	Electromagnetics and Antenna Lab	-	Meera Kulkarni	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL602	Computer Communication Networks Lab	-	Meena Perla	CO 1	2.33	3.00
				CO 2	2.33	3.00
				CO 3	2.33	3.00
				CO 4	2.75	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
ECL603	Image Processing and Machine Vision Lab	-	Madhura Ranade	CO 1	2.33	3.00
				CO 2	2.33	3.00
				CO 3	2.33	3.00
				CO 4	2.75	3.00
ECL604	Skill Lab: Linux and Networking and Server Configuration	-	Meena Perla	CO 1	2.33	3.00
				CO 2	2.33	3.00
				CO 3	2.33	3.00
				CO 4	2.75	3.00
				CO 5	3.00	3.00





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				CO 6	3.00	3.00
ECM601	Mini Project 2B- FPGA based Project	-	Madhura Ranade	CO 1	2.33	3.00
				CO 2	2.33	3.00
				CO 3	2.33	3.00
				CO 4	2.75	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VII						
ECC701	Microwave Engineering	-	Ashwini Haryan	CO 1	3.00	3.00
				CO 2	3.00	2.95
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
ECC702	Mobile Communication System	-	Archana Ingle	CO 1	2.00	2.65
				CO 2	2.00	2.65
				CO 3	2.00	2.80
				CO 4	2.00	2.75
				CO 5	2.00	2.75
				CO 6	2.00	2.80
ECC703	Optical Communication	-	Pratik Parsewar	CO 1	3.00	3.00
				CO 2	2.00	2.10
				CO 3	3.00	3.00
				CO 4	2.00	2.20
				CO 5	3.00	3.00
				CO 6	2.00	2.10
ECCDLO7033	Internet Communication Engineering	-	Karishma Raut	CO 1	2.00	3.00





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				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ILO7013	Management Information System	-	Pratik Parsewar	CO 1	2.00	3.00
				CO 2	2.00	2.87
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ECL701	Microwave Engineering Lab	-	Ashwini Haryan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
ECL702	Mobile Communication System Lab	-	Archana Ingle	CO 1	2.00	2.50
				CO 2	2.00	2.50
				CO 3	2.00	2.50
				CO 4	2.00	2.50
ECL703	Optical Communication Lab	-	Meena Perla	CO 1	2.50	3.00
				CO 2	2.00	3.00
				CO 3	2.50	3.00
				CO 4	2.00	3.00
ECLDLO 7033	Internet Communication Engineering Lab	-	Karishma Raut	CO 1	2.00	2.00
				CO 2	2.00	2.00
				CO 3	2.00	2.00
				CO 4	2.00	2.00





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ECL704	Project-I	-	Karishma Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
Semester VIII						
ECC801	RF Design	-	Ashwini Haryan	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	2.50	1.40
				CO 4	2.00	1.40
				CO 5	2.50	1.40
				CO 6	2.00	1.35
ECC802	Wireless Networks	-	Pratik Parsewar	CO 1	2.00	1.40
				CO 2	2.00	1.40
				CO 3	2.00	1.40
				CO 4	2.00	1.35
				CO 5	2.00	1.40
				CO 6	2.00	1.40
ECCDLO8043	Satellite Communication	-	Nutan Malekar	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ILO8021	Project Management	-	Shoeb Shaikh	CO 1	2.00	2.90
				CO 2	2.00	2.90
				CO 3	2.00	2.90





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				CO 4	2.00	2.90
				CO 5	2.00	2.90
				CO 6	2.00	2.90
ECL801	RF Design Lab	-	Ashwini Haryan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
ECL802	Wireless Networks Lab	-	Pratik Parsewar	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECLDLO8043	Satellite Communication Lab	-	Karishma Raut	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL803	Project-II	-	Karishma Raut	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00





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Master of Computer Application

Semester I						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
MCA11	Mathematical Foundation for Computer Science 1	-	Sonia Dubey	CO 1	2.75	2.80
				CO 2	2.80	2.87
				CO 3	2.75	2.95
				CO 4	2.75	2.80
				CO 5	2.75	2.80
				CO 6	2.80	2.90
MCA12	Advanced Java	-	Neha Lodhe	CO 1	2.57	2.90
				CO 2	2.57	2.90
				CO 3	2.85	2.90
				CO 4	2.80	2.40
				CO 5	2.57	2.40
				CO 6	2.57	2.40
MCA13	Advanced Database Management System	-	Shreya Bhamare	CO 1	2.25	2.60
				CO 2	2.40	2.86
				CO 3	2.50	3.00
				CO 4	2.40	3.00
				CO 5	2.75	2.80
				CO 6	2.20	2.80
				CO 7	2.33	3.00
MCA14	Software Project Management	-	Pradnya Mhatre Krutika Vartak	CO 1	2.00	3.00
				CO 2	2.50	3.00
				CO 3	2.42	2.90





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				CO 4	2.20	3.00
				CO 5	2.25	3.00
				CO 6	2.25	2.40
				CO 7	2.33	2.40
MCAL11	Data Structures Lab with C and / C+	-	Pragati Mestry	CO 1	2.40	3.00
				CO 2	2.60	3.00
				CO 3	2.60	3.00
				CO 4	2.60	3.00
				CO 5	2.60	3.00
				CO 6	2.60	3.00
MCAL12	Advanced Java LAB	-	Neha Lodhe	CO 1	2.57	3.00
				CO 2	2.57	3.00
				CO 3	2.57	3.00
				CO 4	2.57	3.00
				CO 5	2.57	3.00
				CO 6	2.57	3.00
MCAL13	Advanced Database Management System LAB	-	Sonia Dubey	CO 1	3.00	2.00
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	2.00
				CO 5	3.00	2.00
				CO 6	3.00	2.00
MCAL14	Web Technologies	-	Nitesh Kumar	CO 1	2.80	3.00
				CO 2	2.80	3.00
				CO 3	2.83	3.00
				CO 4	2.80	3.00





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				CO 5	2.80	3.00
				CO 6	2.80	3.00
				CO 7	2.80	3.00
				CO 8	2.83	3.00
MCAP11	Mini Project – 1 A	-	Neha Lodhe	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
Semester II						
MCA21	Mathematical Foundation for Computer Science 2	-	Pradnya Mhatre	CO 1	2.75	1.27
				CO 2	2.75	1.27
				CO 3	2.75	1.20
				CO 4	2.66	1.40
				CO 5	2.75	1.20
				CO 6	2.75	1.40
MCA22	Artificial Intelligence and Machine Learning	-	Sonia Dubey	CO 1	2.70	1.60
				CO 2	3.00	1.60
				CO 3	3.00	1.60
				CO 4	3.00	1.60
				CO 5	3.00	1.60
				CO 6	2.80	1.60
				CO 7	3.00	1.60
MCA23	Information Security	-	Shreya Bhamare	CO 1	2.60	1.30
				CO 2	2.50	1.30
				CO 3	2.75	1.00
				CO 4	2.60	1.20





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				CO 5	2.60	1.40
				CO 6	2.30	0.80
MCAE242	Internet Of Things	-	Nitesh Kumar	CO 1	2.60	1.40
				CO 2	2.20	1.20
				CO 3	2.75	1.40
				CO 4	2.60	1.40
				CO 5	2.67	1.40
				CO 6	2.16	0.80
MCAE254	Digital Marketing and Business Analytics	-	Chandani Patel	CO 1	2.75	2.13
				CO 2	2.50	2.05
				CO 3	2.50	2.00
				CO 4	2.50	2.00
				CO 5	2.60	2.00
				CO 6	2.50	2.00
MCAL21	Artificial Intelligence and Machine Learning Lab	-	Sonia Dubey Shreya Bhamare	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
MCAL22	Soft Skill Development Lab	-	Dr. Trupti Patil	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00





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MCAL23	Internet Of Things Lab	-	Nitesh Kumar	CO 1	2.75	3.00
				CO 2	2.80	3.00
				CO 3	2.80	3.00
				CO 4	2.80	3.00
				CO 5	2.80	3.00
				CO 6	2.80	3.00
MCAL24	Skill based Lab Course AWT Lab	-	Pragati Mestry	CO 1	2.50	3.00
				CO 2	2.50	3.00
				CO 3	2.50	3.00
				CO 4	2.50	3.00
				CO 5	2.50	3.00
				CO 6	2.50	3.00
MCAL25	Skill based Lab Course User Interface Lab	-	Neha Lodhe	CO 1	2.50	3.00
				CO 2	2.64	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	2.85	3.00
MCAL26	Skill based Lab Course Networking with Linux Lab	-	Krutika Vartak	CO 1	2.60	3.00
				CO 2	2.50	3.00
				CO 3	2.80	3.00
				CO 4	2.60	3.00
				CO 5	2.70	3.00
MCAP21	Mini Project 1-B	-	Neha Lodhe	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00





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Semester III						
MCA31	Big Data Analytics and Visualization	-	Pragati Mestry	CO 1	2.40	3.00
				CO 2	2.40	3.00
				CO 3	2.40	2.40
				CO 4	2.40	3.00
				CO 5	2.40	2.40
				CO 6	2.40	3.00
MCA32	Distributed System and Cloud Computing	-	Krutika Vartak	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	2.90
				CO 5	2.50	2.80
				CO 6	2.44	2.80
MCAE331	Blockchain	-	Sonia Dubey	CO 1	3.00	1.30
				CO 2	3.00	1.20
				CO 3	3.00	1.30
				CO 4	3.00	1.40
				CO 5	3.00	2.40
				CO 6	3.00	1.20
MCAE344	Cyber Security and Digital Forensics	-	Chandani Patel	CO 1	2.60	2.90
				CO 2	2.75	2.90
				CO 3	2.75	2.90
				CO 4	2.60	2.80
				CO 5	2.60	2.90
				CO 6	2.50	2.80
MCAL31		-	Pragati Mestry	CO 1	2.40	3.00





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	Big Data Analytics and Visualization Lab			CO 2	2.40	3.00
				CO 3	2.40	3.00
				CO 4	2.40	3.00
				CO 5	2.40	3.00
				CO 6	2.40	3.00
MCAL32	Distributed System and Cloud Computing Lab	-	Krutika Vartak	CO 1	2.57	3.00
				CO 2	2.85	3.00
				CO 3	3.00	3.00
				CO 4	2.85	3.00
				CO 5	3.00	3.00
				CO 6	2.14	3.00
				CO7	2.57	3.00
				CO8	2.85	3.00
MCALE33	Blockchain Lab	-	Neha Lodhe	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
MCAL34	Skill based Lab Mobile Computing Lab	-	Shreya Bhamare	CO 1	2.66	3.00
				CO 2	2.57	3.00
				CO 3	2.57	3.00
				CO 4	2.57	3.00
				CO 5	2.57	3.00
				CO 6	2.57	3.00
				CO 7	2.57	3.00
				CO 8	2.57	3.00
				CO 9	2.25	3.00
MCAL35		-	Krutika Vartak	CO 1	2.80	3.00





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	Software Testing Quality Assurance Lab			CO 2	2.50	3.00
				CO 3	2.50	3.00
				CO 4	2.50	3.00
				CO 5	2.50	3.00
				CO 6	2.80	3.00
MCAP31	Mini Project: 2 A	-	Neha Lodhe	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
Semester IV						
MCAI41	Internship	-	Neha Lodhe	CO 1	2.00	2.50
				CO 2	2.00	2.50
				CO 3	2.00	2.50
				CO 4	2.00	2.50
				CO 5	2.00	2.50
MCAR42	Research Paper	-	Neha Lodhe	CO 1	2.00	2.00
				CO 2	2.00	2.00
				CO 3	2.00	2.00
				CO 4	2.00	2.00
				CO 5	2.00	2.00





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Mechanical Engineering

Semester III						
Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
MEC301	Engineering Mathematics III	A	Jayesh Jain	CO 1	2.25	2.95
				CO 2	2.25	2.89
				CO 3	2.25	2.86
				CO 4	2.25	2.87
				CO 5	2.25	2.89
				CO 6	2.25	2.88
MEC305	Thermodynamics	A	Shreeyesh Sreenivasan	CO 1	3.00	3.00
				CO 2	3.00	2.99
				CO 3	3.00	3.00
				CO 4	3.00	2.99
				CO 5	3.00	3.00
				CO 6	3.00	2.99
MEC302	Strength of Materials	A	Chhaya Patil	CO 1	3.00	2.98
				CO 2	2.67	2.98
				CO 3	2.67	2.81
				CO 4	2.67	2.72
				CO 5	2.67	2.68
				CO 6	2.67	2.69
MEC303	Production Process	A	Nilesh Nagare	CO 1	2.50	2.91
				CO 2	2.50	2.91
				CO 3	2.34	2.98
				CO 4	2.50	2.75
				CO 5	2.50	2.80





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				CO 6	3.00	2.96
MEC304	Material & Metallurgy	A	Shweta Patel	CO 1	2.00	1.21
				CO 2	2.00	1.05
				CO 3	2.00	1.04
				CO 4	2.00	1.37
				CO 5	1.80	1.04
				CO 6	1.84	1.37
MEL301	Material Testing-Lab	A	Shweta Patel & Chhaya Patil	CO 1	2.50	1.05
				CO 2	2.50	1.07
				CO 3	2.50	1.05
				CO 4	2.50	1.07
				CO 5	2.50	1.05
MESBL301	CAD-Modelling	A	Vinit Raut	CO 6	2.50	1.05
				CO 1	3.00	2.99
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.73
				CO 5	3.00	2.98
MEL302	Machine Shop Practice	A	Ulhas Thakur	CO 6	3.00	2.98
				CO 1	3.00	2.98
				CO 2	3.00	2.48
				CO 3	3.00	2.48
				CO 4	3.00	2.47
MEPBL301	Mini Project-1A	A	Shreeyash Shreenivasan	CO 5	3.00	2.48
				CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00





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				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
				CO 8	3.00	3.00
				CO 9	3.00	3.00
MEC301	Engineering Mathematics III	B	Bhagyeshree Netke	CO 1	2.25	2.89
				CO 2	2.25	2.89
				CO 3	2.25	2.90
				CO 4	2.25	2.89
				CO 5	2.25	2.89
				CO 6	2.25	2.90
MEC305	Thermodynamics	B	Shreeyash Shreenivasan	CO 1	3.00	2.97
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	2.90
				CO 5	3.00	2.80
				CO 6	3.00	2.80
MEC302	Strength of Materials	B	Omkar Joshi	CO 1	3.00	2.91
				CO 2	2.67	2.95
				CO 3	2.67	2.64
				CO 4	2.67	2.81
				CO 5	2.67	2.93
				CO 6	2.67	2.96
MEC303	Production Process	B	Priyank Vartak	CO 1	2.00	2.98
				CO 2	1.50	2.86
				CO 3	2.00	2.81
				CO 4	2.50	2.98
				CO 5	1.75	2.97





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				CO 6	2.50	2.98
MEC304	Material & Metallurgy	B	Mansi Lakhani	CO 1	3.00	2.90
				CO 2	3.00	2.81
				CO 3	2.34	2.97
				CO 4	2.34	2.94
				CO 5	2.00	2.84
				CO 6	2.50	2.64
MEL301	Material Testing-Lab	B	Mansi Lakhani	CO 1	2.50	1.04
				CO 2	2.50	1.17
				CO 3	2.50	1.21
MESBL301	CAD-Modelling	B	Vinit Raut	CO 1	3.00	2.99
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.73
				CO 5	3.00	2.98
				CO 6	3.00	2.98
MEL302	Machine Shop Practice	B	Ulhas Thakur	CO 1	3.00	2.98
				CO 2	3.00	2.48
				CO 3	3.00	2.48
				CO 4	3.00	2.47
				CO 5	3.00	2.47
MEPBL301	Mini Project-1A	B	Shreyesh S	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00





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				CO 8	3.00	3.00
				CO 9	3.00	3.00
Semester IV						
MEC401	Engineering Mathematics IV	A	Jayesh Jain	CO 1	2.25	1.37
				CO 2	2.25	1.36
				CO 3	2.25	1.37
				CO 4	2.25	1.20
				CO 5	2.25	1.26
MEC402	Fluid Mechanics	A	Chhaya Patil	CO 6	2.25	1.25
				CO 1	2.00	1.37
				CO 2	2.00	1.03
				CO 3	2.00	1.37
				CO 4	2.00	1.04
MEC403	Kinematics of Machinery	A	Aniket Deshmukh	CO 5	2.00	1.37
				CO 6	2.00	1.37
				CO 1	2.00	1.29
				CO 2	2.00	1.21
				CO 3	1.67	1.01
MEL402	Kinematics of Machinery - Lab	A	Aniket Deshmukh	CO 4	1.67	1.36
				CO 5	2.00	1.30
				CO 6	3.00	1.30
				CO 1	3.00	2.92
				CO 2	1.67	0.38
MEC404	CAD/CAM	A	Nilesh Nagare	CO 3	3.00	2.85
				CO 4	3.00	2.83
				CO 5	3.00	2.87
				CO 6	3.00	2.87





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				CO 2	3.00	1.39
				CO 3	3.00	1.13
				CO 4	3.00	1.39
				CO 5	3.00	1.39
				CO 6	3.00	1.06
MEC405	Industrial Electronics	A	Ritesh Chavan	CO 1	3.00	2.89
				CO 2	3.00	2.91
				CO 3	3.00	2.88
				CO 4	3.00	2.80
				CO 5	3.00	2.80
				CO 6	3.00	2.80
MEL401	Industrial Electronics - Lab	A	Ritesh Chavan	CO 1	3.00	2.94
				CO 2	3.00	2.93
				CO 3	3.00	2.94
				CO 4	3.00	2.92
				CO 5	3.00	2.92
MEL403	Python Programming	A	Shreeyesh Sreenivasan	CO 1	3.00	2.95
				CO 2	3.00	2.96
				CO 3	3.00	2.90
				CO 4	3.00	2.92
				CO 5	3.00	2.92
MEPBL401	Mini Project-1B	A&B	Shreeyesh Sreenivasan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00





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				CO 8	3.00	3.00
				CO 9	3.00	3.00
MESBL401	CNC and 3D printing	A	Swapnil Raut	CO 1	3.00	2.10
				CO 2	3.00	2.18
				CO 3	3.00	1.85
				CO 4	3.00	2.19
				CO 5	3.00	2.10
				CO 6	3.00	2.19
MEC401	Engineering Mathematics IV	B	Jayesh Jain	CO 1	2.50	1.37
				CO 2	2.50	1.38
				CO 3	2.50	1.38
				CO 4	2.50	1.20
				CO 5	2.50	1.27
				CO 6	2.50	1.26
MEC402	Fluid Mechanics	B	Chhaya Patil	CO 1	2.00	1.21
				CO 2	2.00	1.04
				CO 3	2.00	1.37
				CO 4	2.00	1.04
				CO 5	2.00	1.04
				CO 6	2.00	1.03
MEC403	Kinematics of Machinery	B	Henisha Raut	CO 1	2.67	1.33
				CO 2	3.00	1.21
				CO 3	3.00	1.05
				CO 4	3.00	1.21
				CO 5	2.67	1.38
				CO 6	2.67	1.21
MEL402	Kinematics of Machinery - Lab	B	Aniket Deshmukh	CO 1	3.00	2.92
				CO 2	3.00	0.38





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				CO 3	3.00	2.86
				CO 4	3.00	2.83
				CO 5	3.00	2.84
				CO 6	3.00	2.87
MEC404	CAD/CAM	B	Priyank Vartak	CO 1	3.00	1.38
				CO 2	3.00	1.38
				CO 3	3.00	1.05
				CO 4	3.00	1.33
				CO 5	3.00	1.29
				CO 6	3.00	1.38
MEC405	Industrial Electronics	B	Ritesh Chavan	CO 1	3.00	2.90
				CO 2	3.00	2.89
				CO 3	3.00	2.88
				CO 4	3.00	2.79
				CO 5	3.00	2.80
				CO 6	3.00	2.79
MEL401	Industrial Electronics - Lab	B	Ritesh Chavan	CO 1	3.00	2.93
				CO 2	3.00	2.93
				CO 3	3.00	2.93
				CO 4	3.00	2.92
				CO 5	3.00	2.93
MEL403	Python Programming	B	Shreeyesh Sreenivasan	CO 1	3.00	2.94
				CO 2	3.00	2.97
				CO 3	3.00	2.94
				CO 4	3.00	2.93
				CO 5	3.00	2.93
MESBL401	CNC and 3D printing	B	Swapnil Raut	CO 1	3.00	1.21
				CO 2	3.00	1.21





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				CO 3	3.00	1.21
				CO 4	3.00	1.38
				CO 5	3.00	1.21
				CO 6	3.00	1.38
Semester V						
MEC502	Thermal Engineering	A	Henisha Raut	CO 1	2.67	2.93
				CO 2	2.75	2.92
				CO 3	3.00	2.84
				CO 4	3.00	2.91
				CO 5	3.00	2.85
				CO 6	3.00	2.97
MEL501	Thermal Engineering - Lab	A	Henisha Raut	CO 1	2.75	2.05
				CO 2	2.75	2.86
				CO 3	2.75	2.05
				CO 4	2.50	2.25
MEC501	Mechanical Measurements and Control	A	Mayur Jagtap	CO 1	2.00	2.86
				CO 2	2.00	2.86
				CO 3	2.00	2.98
				CO 4	2.50	2.98
				CO 5	1.67	2.97
				CO 6	2.50	2.89
MEC504	Finite Element Analysis	A	Priyank Vartak	CO 1	3.00	1.31
				CO 2	3.00	1.31
				CO 3	3.00	1.25
				CO 4	3.00	1.27
				CO 5	3.00	1.37
				CO 6	3.00	1.04
MEL503	Finite Element Analysis - Lab	A	Priyank Vartak	CO 1	2.50	2.72





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				CO 2	2.50	2.71
				CO 3	2.67	2.71
				CO 4	3.00	2.71
				CO 5	2.67	2.71
				CO 6	2.67	2.64
MEC503	Dynamics of Machinery	A	Pratik Raut	CO 1	2.67	2.87
				CO 2	2.67	2.98
				CO 3	2.67	2.88
				CO 4	2.67	2.97
				CO 5	2.67	2.64
				CO 6	2.67	2.98
MEL502	Dynamics of Machinery - Lab	A	Pratik Raut	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	3.00	2.98
				CO 4	3.00	2.97
				CO 5	3.00	2.97
				CO 6	3.00	2.98
MESBL501	Professional Communication and Ethics - II	A	Dr. Trupti Patil	CO 1	3.00	2.88
				CO 2	3.00	2.88
				CO 3	3.00	2.90
				CO 4	3.00	2.87
				CO 5	3.00	2.88
				CO 6	3.00	2.85
MEDLO5011	Optimization Techniques	A& B	Tejas Chaudhari	CO 1	3.00	2.98
				CO 2	3.00	2.93
				CO 3	3.00	2.97
				CO 4	3.00	2.97
				CO 5	3.00	2.97





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				CO 6	3.00	2.97
MEDLO5012	Design of Experiments	A&B	Manojkumar Yadav	CO 1	3.00	2.64
				CO 2	3.00	2.78
				CO 3	3.00	2.72
				CO 4	3.00	2.72
MEC502	Thermal Engineering	B	Henisha Raut	CO 1	2.67	2.93
				CO 2	2.75	2.92
				CO 3	3.00	2.84
				CO 4	3.00	2.93
				CO 5	3.00	2.85
				CO 6	3.00	2.98
MEL501	Thermal Engineering - Lab	B	Aniket Deshmukh	CO 1	2.75	1.25
				CO 2	2.75	0.38
				CO 3	2.75	1.22
				CO 4	2.50	2.25
MEC501	Mechanical Measurements and Control	B	Mayur Jagtap	CO 1	2.00	2.86
				CO 2	2.00	2.86
				CO 3	2.00	2.98
				CO 4	2.50	2.98
				CO 5	1.67	2.96
				CO 6	2.50	2.89
MEC504	Finite Element Analysis	B	Priyank Vartak	CO 1	3.00	2.11
				CO 2	3.00	2.11
				CO 3	3.00	2.05
				CO 4	3.00	2.04
				CO 5	3.00	2.18
				CO 6	3.00	1.84
MEL503	Finite Element Analysis - Lab	B	Manojkumar Yadav	CO 1	2.50	2.98
				CO 2	2.50	2.98





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				CO 3	2.67	2.98
				CO 4	3.00	2.98
				CO 5	2.67	2.98
				CO 6	2.67	2.97
MEC503	Dynamics of Machinery	B	Pratik Raut	CO 1	2.67	2.82
				CO 2	2.67	2.98
				CO 3	2.67	2.85
				CO 4	2.67	2.98
				CO 5	2.67	2.64
				CO 6	2.67	2.98
MEL502	Dynamics of Machinery - Lab	B	Mayur Jagtap	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	3.00	2.98
				CO 4	3.00	2.97
				CO 5	3.00	2.97
				CO 6	3.00	2.97
MESBL501	Professional Communication and Ethics - II	B	Dr. Trupti Patil	CO 1	3.00	2.91
				CO 2	3.00	2.92
				CO 3	3.00	2.89
				CO 4	3.00	2.89
				CO 5	3.00	2.90
				CO 6	3.00	2.87
MEPBL501	Mini Project-2A	A&B	Henisha Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00





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				CO 7	3.00	3.00
				CO 8	3.00	3.00
				CO 9	3.00	3.00
Semester VI						
MEC602	Turbo Machinery	A	Manojkumar Yadav	CO 1	2.50	1.37
				CO 2	3.00	1.38
				CO 3	3.00	1.04
				CO 4	3.00	1.11
				CO 5	2.34	1.25
				CO 6	2.50	1.37
MEL602	Turbo Machinery - Lab	A	Manojkumar Yadav	CO 1	3.00	2.97
				CO 2	2.50	2.47
				CO 3	2.50	2.97
				CO 4	2.50	2.96
				CO 5	2.50	2.97
				CO 6	2.50	2.96
				CO 7	2.50	2.47
MEC601	Machine Design	A	Vinit Raut	CO 1	3.00	1.37
				CO 2	3.00	1.25
				CO 3	3.00	1.36
				CO 4	3.00	1.03
				CO 5	3.00	1.37
				CO 6	3.00	1.37
MEL601	Machine Design - Lab	A	Vinit Raut	CO 1	3.00	2.47
				CO 2	3.00	2.46
				CO 3	3.00	2.46
				CO 4	3.00	2.47
				CO 5	3.00	2.47





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				CO 6	3.00	2.47
MEC603	Heat, Ventilation, Air Conditioning & Refrigeration	A	Mayur Jagtap	CO 1	3.00	1.38
				CO 2	3.00	1.27
				CO 3	3.00	1.37
				CO 4	2.50	1.37
				CO 5	3.00	1.37
				CO 6	2.34	1.37
MEL603	Heat, Ventilation, Air Conditioning & Refrigeration - Lab	A	Mayur Jagtap	CO 1	2.67	2.97
				CO 2	3.00	2.97
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	2.50	2.80
MEC604	Automation & Artificial Intelligence	A	Mansi Lakhani	CO 6	2.50	2.91
				CO 1	3.00	2.89
				CO 2	3.00	2.94
				CO 3	3.00	2.80
				CO 4	3.00	2.97
MESBL601	Measurements & Automation - Lab	A	Mansi Lakhani	CO 5	2.00	2.64
				-	-	-
				CO 1	2.50	2.81
				CO 2	2.50	2.81
				CO 3	2.50	2.73
				CO 4	2.50	2.80
MEDLO6021	Press tool Design	A	Pratik Raut	CO 5	2.40	2.80
				CO 6	2.50	2.80
				CO 1	2.00	2.98
				CO 2	2.34	2.84
				CO 3	2.34	2.97





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				CO 4	2.50	2.64
				CO 5	2.00	2.64
				CO 6	2.50	2.98
MEC602	Turbo Machinery	B	Manojkumar Yadav	CO 1	2.50	1.97
				CO 2	3.00	1.97
				CO 3	3.00	1.97
				CO 4	3.00	1.97
				CO 5	2.34	1.96
				CO 6	2.50	1.97
MEL602	Turbo Machinery - Lab	B	Manojkumar Yadav	CO 1	3.00	2.97
				CO 2	2.50	2.47
				CO 3	2.50	2.97
				CO 4	2.50	2.96
				CO 5	2.50	2.97
				CO 6	2.50	2.96
				CO 7	2.50	2.47
MEC601	Machine Design	B	Suneet Mehta	CO 1	3.00	1.37
				CO 2	3.00	1.21
				CO 3	3.00	1.37
				CO 4	3.00	1.04
				CO 5	3.00	1.37
				CO 6	3.00	1.03
MEL601	Machine Design - Lab	B	Suneet Mehta	CO 1	3.00	2.88
				CO 2	3.00	2.64
				CO 3	3.00	2.75
				CO 4	3.00	2.76
				CO 5	3.00	2.83
				CO 6	3.00	2.84





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MEC603	Heat, Ventilation, Air Conditioning & Refrigeration	B	Shweta Patel	CO 1	3.00	2.97
				CO 2	3.00	2.98
				CO 3	3.00	2.75
				CO 4	2.50	2.97
				CO 5	3.00	2.64
				CO 6	2.34	2.97
MEL603	Heat, Ventilation, Air Conditioning & Refrigeration - Lab	B	Shweta Patel	CO 1	2.67	2.63
				CO 2	3.00	2.96
				CO 3	3.00	2.63
				CO 4	3.00	2.64
				CO 5	2.50	2.63
MEC604	Automation & Artificial Intelligence	B	Mansi Lakhani	CO 1	3.00	2.09
				CO 2	3.00	2.14
				CO 3	3.00	2.16
				CO 4	3.00	2.01
				CO 5	2.00	1.84
MESBL601	Measurements & Automation - Lab	B	Mansi Lakhani	CO 1	2.50	2.92
				CO 2	2.50	2.92
				CO 3	2.50	2.97
				CO 4	2.50	2.97
				CO 5	2.40	2.81
				CO 6	2.50	2.80
MEDLO6021	Press tool Design	B	Pratik Raut	CO 1	2.00	1.38
				CO 2	2.34	1.24
				CO 3	2.34	1.37
				CO 4	2.50	1.05
				CO 5	2.00	1.20





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				CO 6	2.50	1.38
MEPBL601	Mini Project-2B	A & B	Henisha Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
				CO 8	3.00	3.00
				CO 9	3.00	3.00
Semester VII						
MEC701	Machine Design -II	A	Aditi Pimpale	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	2.67	2.98
				CO 4	2.67	2.98
				CO 5	2.67	2.97
				CO 6	2.67	2.97
MEC702	CAD/CAM/CAE	A	Swapnil Raut	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.86
				CO 4	3.00	2.97
				CO 5	3.00	2.97
				CO 6	3.00	2.65
MEDLO7032	Automobile Engineering	A	Aniket Deshmukh	CO 1	2.00	2.90
				CO 2	2.00	2.98
				CO 3	1.67	2.98
				CO 4	1.67	2.98
				CO 5	2.00	2.98





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				CO 6	3.00	2.98
MEC703	Production Planning and Control	A	Suneet Mehta	CO 1	2.00	2.89
				CO 2	2.67	2.97
				CO 3	2.67	2.97
				CO 4	2.67	2.84
				CO 5	2.67	2.84
				CO 6	2.67	2.94
MEL703	Production Planning and Control (LAB)	A	Suneet Mehta	CO 1	2.00	2.97
				CO 2	2.67	2.97
				CO 3	2.67	2.97
				CO 4	2.67	2.97
				CO 5	2.67	2.97
MEL702	CAD/CAM/CAE (LAB)	A	Swapnil Raut	CO 6	2.67	2.97
				CO 1	3.00	2.98
				CO 2	3.00	2.89
				CO 3	3.00	2.98
				CO 4	3.00	2.98
MEL701	Machine Design -II(LAB)	A	Aditi Pimpale	CO 5	3.00	2.98
				CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.91
				CO 4	3.00	2.85
				CO 5	3.00	2.97
ILO7015	Operations Research	A	Chinmay Pingulkar	CO 6	3.00	2.85
				CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.97





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				CO 5	3.00	2.97
				CO 6	3.00	2.98
ILO7017	Disaster Management	A	Rajkumar Devkar	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.98
MEC701	Machine Design -II	B	Aditi Pimpale	CO 1	3.00	2.98
				CO 2	3.00	2.94
				CO 3	2.67	2.98
				CO 4	2.67	2.90
				CO 5	2.67	2.91
MEC702	CAD/CAM/CAE	B	Swapnil Raut	CO 6	2.67	2.98
				CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.93
				CO 4	3.00	2.98
MEDLO7032	Automobile Engineering	B	Aniket Deshmukh	CO 5	3.00	2.98
				CO 6	3.00	2.65
				CO 1	2.00	2.98
				CO 2	2.00	2.98
				CO 3	1.67	2.98
				CO 4	1.67	2.98
MEC703	Production Planning and Control	B	Suneet Mehta	CO 5	2.00	2.98
				CO 6	2.00	2.98
				CO 1	2.00	2.85
				CO 2	2.67	2.97
				CO 3	2.67	2.97
				CO 4	2.67	2.84





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				CO 5	2.67	2.84
				CO 6	2.67	2.91
MEL702	CAD/CAM/CAE (LAB)	B	Tejas Chaudhari	CO 1	3.00	2.81
				CO 2	3.00	2.81
				CO 3	3.00	2.98
				CO 4	3.00	2.98
				CO 5	3.00	2.98
MEL701	Machine Design -II(LAB)	B	Rajkumar Devkar	CO 1	3.00	2.73
				CO 2	3.00	2.73
				CO 3	3.00	2.84
				CO 4	3.00	2.98
				CO 5	3.00	2.98
				CO 6	3.00	2.85
MEL703	Production Planning and Control (Lab)	B	Suneet Mehta	CO 1	2.00	2.81
				CO 2	2.67	2.81
				CO 3	2.67	2.81
				CO 4	2.67	2.81
				CO 5	2.67	2.81
				CO 6	2.67	2.81
ILO7017	Disaster Management	B	Rajkumar Devkar	CO 1	3.00	2.99
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.98
ILO7015	Operations Research	B	Chinmay Pingulkar	CO 1	3.00	2.98
				CO 2	3.00	2.99
				CO 3	3.00	2.99
				CO 4	3.00	2.98
				CO 5	3.00	2.98





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				CO 6	3.00	2.98
MEP701	Project I	A & B	Priyank Vartak/ Pratik Raut	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	2.60	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VIII						
MEC801	Design of Mechanical Systems	A	Tejas Chaudhari	CO 1	3.00	1.29
				CO 2	3.00	1.04
				CO 3	3.00	1.38
				CO 4	3.00	1.38
				CO 5	3.00	1.24
				CO 6	3.00	1.37
MEL801	Design of Mechanical Systems - Lab	A	Tejas Chaudhari	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	3.00	2.98
				CO 4	3.00	2.97
				CO 5	3.00	2.98
				CO 6	3.00	2.97
MEC802	Industrial Engineering and Management	A	Chinmay Pingulkar	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	2.00	2.98
				CO 4	2.50	2.98
				CO 5	2.00	2.98
				CO 6	2.00	2.81
MEC803	Power Engineering	A	Aditi Pimpale	CO 1	3.00	1.38
				CO 2	3.00	1.22





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				CO 3	3.00	1.21
				CO 4	3.00	1.38
				CO 5	3.00	1.10
				CO 6	3.00	1.38
MEL802	Power Engineering - Lab	A	Aditi Pimpale	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.98
				CO 5	3.00	2.98
				CO 6	3.00	2.98
MEDLO8041	Power Plant Engineering	A	Omkar Joshi	CO 1	3.00	2.98
				CO 2	2.34	2.98
				CO 3	2.34	2.98
				CO 4	2.34	2.64
				CO 5	2.34	2.64
				CO 6	2.67	2.97
ILO8024	Human Resource Management	A	Rajkumar Devkar	CO 1	2.50	2.48
				CO 2	3.00	2.89
				CO 3	3.00	2.98
				CO 4	2.67	2.98
ILO8024	Human Resource Management	B	Rajkumar Devkar	CO 1	2.50	2.48
				CO 2	3.00	2.74
				CO 3	3.00	2.98
				CO 4	2.67	2.98
MEC801	Design of Mechanical Systems	B	Tejas Chaudhari	CO 1	3.00	2.09
				CO 2	3.00	1.84
				CO 3	3.00	2.18
				CO 4	3.00	2.19





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				CO 5	3.00	2.04
				CO 6	3.00	2.17
MEL801	Design of Mechanical Systems - Lab	B	Tejas Chaudhari	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	3.00	2.98
				CO 4	3.00	2.97
				CO 5	3.00	2.99
				CO 6	3.00	2.97
MEC802	Industrial Engineering and Management	B	Chinmay Pingulkar	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	2.00	2.98
				CO 4	2.50	2.98
				CO 5	2.00	2.98
				CO 6	2.00	2.82
MEC803	Power Engineering	B	Aditi Pimpale	CO 1	3.00	2.17
				CO 2	3.00	2.18
				CO 3	3.00	2.12
				CO 4	3.00	2.18
				CO 5	3.00	2.07
				CO 6	3.00	2.18
MEL802	Power Engineering - Lab	B	Aditi Pimpale	CO 1	3.00	2.99
				CO 2	3.00	2.99
				CO 3	3.00	2.98
				CO 4	3.00	2.97
				CO 5	3.00	2.98
				CO 6	3.00	2.98
MEDLO8041	Power Plant Engineering	B	Omkar Joshi	CO 1	3.00	2.98
				CO 2	2.34	2.98





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				CO 3	2.34	2.98
				CO 4	2.34	2.65
				CO 5	2.34	2.98
				CO 6	2.67	2.98
MEP801	Project II	A & B	Pratik Raut/ Priyank Vartak	CO 1	3.00	2.67
				CO 2	3.00	2.67
				CO 3	3.00	2.67
				CO 4	2.60	2.67
				CO 5	3.00	2.67
				CO 6	3.00	2.67





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M.E. Manufacturing Systems Engineering

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester I						
MSEC 103	Quality Engineering	-	Niyati Raut	CO 1	3.00	2.87
				CO 2	2.00	2.98
				CO 3	2.34	2.67
				CO 4	3.00	2.69
				CO 5	3.00	2.79
MSEDLO 1012	World Class Manufacturing	-	Dr. Arunkumar	CO 1	3.00	3.00
				CO 2	3.00	3.00
MSEC 101	Product Design & Development	-	Niyati Raut	CO 1	3.00	2.95
				CO 2	2.00	3.00
				CO 3	2.34	2.90
				CO 4	3.00	3.00
				CO 5	3.00	3.00
ILO 1014	Design Of Experiment	-	Dr. Arunkumar	CO 1	3.00	2.95
				CO 2	3.00	3.00
				CO 3	3.00	2.98
MSEC102	Computer Integrated Manufacturing	-	Dr. Arunkumar	CO 1	3.00	2.97
				CO 2	3.00	3.00
Semester II						
MSEC202	Industrial Automation	-	Niyati Raut	CO 1	3.00	2.87
				CO 2	2.34	2.90
ILO2026	Research Methodology	-	Niyati Raut	CO 1	3.00	3.00
				CO 2	3.00	2.98
				CO 3	2.67	2.98
				CO 4	3.00	2.65





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MSEC203	Advance Quantitative Technique	-	Dr. Arunkumar	CO 1	3.00	2.99
				CO 2	3.00	2.99
				CO 3	3.00	2.98
				CO 4	3.00	2.98
MSEC201	Sustainable Manufacturing	-	Dr. Arunkumar	CO 1	3.00	2.99
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.98
MSEDLO 2021	Logistic & Supply Chain Management	-	Dr. Arunkumar	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	3.00	2.98
				CO 4	3.00	2.98

