



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 2018-19





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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	Applied Mathematics I	-	Shiksha Singh	Target Level	3.00	2.00	2.33	3.00	-	-	-	-	-	-	-	2.00
				Attainment Level	1.62	1.62	1.62	1.60	-	-	-	-	-	-	-	1.62
FEC102	Applied Physics-I	-	Dr.Ajazul Haque/ Deepak Dubey	Target Level	-	3.00	2.66	2.66	-	-	-	-	-	-	-	-
				Attainment Level	-	1.73	1.79	1.76	-	-	-	-	-	-	-	-
FEC103	Applied Chemistry-I	-	Manju Mishra	Target Level	3.00	3.00	3.00	2.00	-	2.75	3.00	3.00	-	-	-	3.00
				Attainment Level	2.65	2.65	2.65	2.40	-	2.65	2.62	2.62	-	-	-	2.65
FEC104	Engineering Mechanics	-	Sushil Mishra	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
FEC105	Basic Electrical Engineering	-	Pratik Parsewar	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	2.20	1.70	2.20	-	2.10	2.20	-	-	-	-	-	-
FEC106	Environmental studies	-	Dr.Ajazul Haque/ Deepak Dubey	Target Level	-	3.00	-	3.00	-	3.00	3.00	-	-	3.00	3.00	-
				Attainment Level	-	2.49	-	2.50	-	2.50	2.44	-	-	2.43	2.39	-
FEL101	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	Applied Maths-II	-	Shiksha Singh	Target Level	2.16	2.16	2.00	2.50	-	-	-	-	-	-	-	-
				Attainment Level	1.61	1.61	1.62	1.62	-	-	-	-	-	-	-	-
FEC202	Applied Physics-II	-	Dr.Ajazul Haque/ Deepak Dubey	Target Level	3.00	3.00	2.66	2.50	-	-	-	-	-	-	-	-
				Attainment Level	2.05	2.04	2.01	1.95	-	-	-	-	-	-	-	-
FEC203	Applied Chemistry-II	-	Manju Mishra	Target Level	3.00	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	3.00
				Attainment Level	2.79	2.79	2.79	2.80	-	2.80	2.80	2.80	-	-	-	2.79





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FEC204	Engineering Drawing	-	Sushil Mishra	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
FEC205	Structural programming and analysis	-	Bhavika Thakur	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Attainment Level	2.27	2.38	2.26	2.23	2.24	-	-	-	-	-	-	2.22
FEC206	Communicational skill	-	Dr. Prashant Pawar/ Dr. Trupti Patil	Target Level	-	-	-	-	-	-	-	-	2.50	2.50	2.50	2.50
				Attainment Level	-	-	-	-	-	-	-	-	2.43	2.34	2.38	2.40
FEL201	Basic workshop practice-II	-	Sachin Patil	Target Level	2.00	-	-	-	2.00	2.00	-	-	-	-	-	-
				Attainment Level	0.58	-	-	-	0.58	0.58	-	-	-	-	-	-





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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	Applied Mathematics III	A	Jayesh Jain	Target Level	3.00	2.00	2.33	3.00	-	-	-	-	-	-	-	2.00
				Attainment Level	1.62	1.62	1.62	1.60	-	-	-	-	-	-	-	1.62
CEC302	Surveying – I	A	Meena Bhagat	Target Level	-	3.00	2.66	2.50	-	-	-	-	-	-	-	-
				Attainment Level	-	1.64	1.71	1.68	-	-	-	-	-	-	-	-
CEC303	Strength of Materials	A	Prerana Patil	Target Level	3.00	3.00	3.00	2.00	-	2.75	3.00	3.00	-	-	-	3.00
				Attainment Level	2.65	2.65	2.65	2.40	-	2.65	2.62	2.62	-	-	-	2.65
CEC304	Engineering Geology	A	Prachi Bari	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	2.20	1.70	2.20	-	2.10	2.20	-	-	-	-	-	-
CEC305	Fluid Mechanics – I	A	Jimit Chotai	Target Level	-	3.00	-	3.00	-	3.00	3.00	-	-	3.00	3.00	-
				Attainment Level	-	2.49	-	2.50	-	2.50	2.44	-	-	2.43	2.39	-
CEC301	Applied Mathematics III	B	Jayesh Jain	Target Level	2.25	2.50	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.34	1.30	1.38	1.30	-	-	-	-	-	-	-	-
CEC302	Surveying – I	B	Abhijit Wasave	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.90	-	-	-	-	-	-	-	-	2.90	-	-
CEC303	Strength of Materials	B	Prerana Patil	Target Level	2.00	-	-	-	2.00	-	-	-	-	2.00	-	-
				Attainment Level	1.23	-	-	-	1.23	-	-	-	-	1.24	-	-
CEC304	Engineering Geology	B	Asmita Balke	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	0.08	-	-	-	0.08	-	-	-	-	-	-	-
CEC305	Fluid Mechanics – I	B	Prachi Bari	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.60	2.60	2.60	-	-	-	-	-	-	-	-	2.60
Semester IV																
CEC401	Applied Mathematics –IV	A	Ramashankar Prajapati	Target Level	2.00	-	-	-	-	-	-	-	-	-	-	2.00
				Attainment Level	1.56	-	-	-	-	-	-	-	-	-	-	1.55





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CEC402	Surveying – II	A	Meena Bhagat	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.60	2.60	2.60	-	-	-	-	-	-	-	-	2.60
CEC403	Structural Analysis – I	A	Prerana Patil	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
CEC404	Building Design and Drawing	A	Akshay Mistry	Target Level	3.00	2.00	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.93	2.93	-	-	-	-	-	-	-	-	2.93	-
CEC405	Building Materials & Construction Technology	A	Ghufran Khan	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.75	2.64	-	-	-	-	-	-	-	-	-	-
CEC406	Fluid Mechanics – II	A	Mayur Patel	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.74	2.74	-	-	-	-	-	-	-	-	-	-
CEC401	Applied Mathematics –IV	B	Ramashankar Prajapati	Target Level	3.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	1.74	-	-	-	1.68	-	-	-	-	-	-	-
CEC402	Surveying – II	B	Abhijit Wasave	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	0.08	-	-	-	0.08	-	-	-	-	-	-	-
CEC403	Structural Analysis – I	B	Meena Bhagat	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.60	2.60	2.60	-	-	-	-	-	-	-	-	-
CEC404	Building Design and Drawing	B	Jimit Chotai	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-
CEC405	Building Materials & Construction Technology	B	Mayur Patel	Target Level	3.00	2.00	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.93	2.93	-	-	-	-	-	-	-	-	2.93	-
CEC406	Fluid Mechanics – II	B	Prachi Bari	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.75	2.64	-	-	-	-	-	-	-	-	-	-
Semester V																
CEC501	Structural Analysis – II	A	Pratibha Patil	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.74	2.74	-	-	-	-	-	-	-	-	-	-
CEC502	Geotechnical Engineering – I	A	Ashish Shetty	Target Level	3.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	1.74	-	-	-	1.68	-	-	-	-	-	-	-
CEC503	Applied Hydraulics	A	Mayur Patel	Target Level	-	2.00	2.00	-	2.00	2.00	2.00	-	2.00	-	-	2.00





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				Attainment Level	-	2.00	2.00	-	2.00	2.00	2.00	-	2.00	-	-	2.00
CEC504	Environmental Engineering -I	A	Purva Awari	Target Level	2.25	2.50	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.30	1.29	1.15	1.29	-	-	-	-	-	-	-	-
CEC505	Transportation Engineering – I	A	Yadnesh Patil	Target Level	2.00	2.70	3.00	2.00	2.50	2.00	2.00	2.80	3.00	2.00	2.00	-
				Attainment Level	2.91	2.93	2.89	2.93	2.66	2.93	2.40	2.75	2.93	2.40	2.70	-
CEDLO5062	Advanced Concrete Technology	A	Ghufran Khan	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.49	-	-	-	2.49	-	-	-	-	-	-	-
CEC501	Structural Analysis – II	B	Prerana Patil	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.60	2.60	2.60	-	-	-	-	-	-	-	-	-
CEC502	Geotechnical Engineering – I	B	Arathy Menon	Target Level	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.80	2.80	2.80	-	-	-	-	-	-	-	-	-
CEC503	Applied Hydraulics	B	Ashish Shetty	Target Level	3.00	2.00	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.93	2.93	-	-	-	-	-	-	-	-	2.93	-
CEC504	Environmental Engineering -I	B	Prashant Gondane	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.76	2.82	-	-	-	-	-	-	-	-	-	-
CEC505	Transportation Engineering	B	Vishal Urade	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.68	1.68	-	-	-	-	-	-	-	-	-	-
CEDLO5062	Advanced Concrete Technology	B	Mayur Patel	Target Level	3.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.54	-	-	-	2.48	-	-	-	-	-	-	-
Semester VI																
CEC601	Design and Drawing of Steel Structures	A	Prerana Patil	Target Level	-	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
CEC602	Water Resource Engineering – I	A	Asmita Balke	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Attainment Level	0.34	0.34	0.05	0.35	0.05	-	-	-	-	-	-	-
CEC603	Geotechnical Engineering. – II	A	Ashish Shetty	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.96	2.96	2.96	2.95	2.95	-	-	-	-	-	-	-
CEC604	Environmental Engineering. I	A	Akshay Naik	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.49	-	-	-	2.49	-	-	-	-	-	-	-





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CEC605	Transportation engg	A	Yadnesh Patil	Target Level	2.00	2.70	3.00	2.00	2.50	2.00	2.00	2.80	3.00	2.00	2.00	-
				Attainment Level	2.91	2.93	2.89	2.93	2.66	2.93	2.40	2.75	2.93	2.40	2.70	-
CEC606	Advanced Construction technology	A	Prashant Gondane	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.98	1.95	1.91	-	-	-	-	-	-	-	-	-
CEC601	Design and Drawing of Steel Structures	B	Abhijit Wasave	Target Level	3.00	3.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	2.83	2.90	-	-	-	-	2.98	-	-	-	-	-
CEC602	Water Resource Engineering – I	B	Prachi Bari	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	2.98
CEC603	Geotechnical Engineering. – II	B	Jimit Chotai	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	2.98
CEC604	Environmental Engineering. – I	B	Purva Awari	Target Level	2.00	1.50	3.00	-	-	-	-	-	-	2.00	-	1.00
				Attainment Level	2.13	1.58	2.90	-	-	-	-	-	-	2.35	-	1.00
CEC605	Transportation engg	B	Vishal Urade	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
CEC606	Advanced Construction technology	B	Vishal Urade	Target Level	3.00	2.50	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.36	1.36	1.36	-	-	-	-	-	-	-	-	-
Semester VII																
CEC701	Quantity Survey Estimation and Estimation	A	Ramya Raju	Target Level	3.00	3.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	1.77	1.72	-	-	-	-	1.67	-	-	-	-	-
CEC702	Limit state method of RC Structures	A	Akshay Mistry	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	1.37	1.37	1.37	-	-	-	-	-	-	-	-	1.38
CEC703	Irrigation Engineering	A	Lissy Jose	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	-	-	-	2.98
CEDLO7042	Solid Waste management	A	Akshay Naik	Target Level	2.00	1.50	3.00	-	-	-	-	-	-	2.00	-	1.00
				Attainment Level	2.75	2.86	2.86	-	-	-	-	-	-	2.94	-	2.88
ILO7017	Envoirnmental engg II	A	Monica More	Target Level	3.00	2.50	2.50	-	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.84	2.84	-	-	-	-	-	-	-	-	-
CEP705	Project – Part I	A & B	Prerana Patil	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-





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				Attainment Level	2.87	-	-	-	-	-	-	-	-	2.87	-	-
CEC701	Quantity Survey Estimation and Estimation	B	Prashant Gondane	Target Level	3.00	3.00	1.50	-	-	-	-	-	-	-	-	-
				Attainment Level	1.37	1.36	1.33	-	-	-	-	-	-	-	-	-
CEC702	Limit state method of RC Structures	B	Abhijit Wasave	Target Level	3.00	2.00	-	-	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.97	2.97	-	-	2.98	-	-	-	-	2.97	-	-
CEC703	Irrigation Engineering	B	Asmita Balke	Target Level	-	-	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-
				Attainment Level	-	-	-	-	2.84	2.87	-	-	2.86	2.86	2.85	-
CEDLO7042	Solid Waste management	B	Purva Awari	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00
				Attainment Level	2.95	2.96	-	2.96	2.94	-	-	-	-	2.94	-	2.98
ILO7017	Envoirnmental engg II	B	Yadnesh Patil	Target Level	3.00	3.00	2.71	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.78	2.78	2.78	2.79	-	-	-	-	-	-	-	-
Semester VIII																
CEC801	Design and Drawing of reinforced concrete structures	A	Pratibha Patil	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.92	2.94	2.92	-	-	-	-	-	-	-	-	-
CEC802	Construction Management	A	Monica More	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.88	-	2.88	-	-	-	-	-	-	-	-	-
CEC803	Industrial Waste Treatment	A	Akshay Naik	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.97	2.98	-	-	-	-	-	-	-	-	-
CEDLO8032	construction engg	A	Prashant Gondane	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.98	2.97	2.98	-	-	-	-	-	-	-	-	-
CEC801	Design and Drawing of reinforced concrete structures	B	Akshay Mistry	Target Level	3.00	2.75	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.64	2.60	2.47	-	-	-	-	-	-	-	-	-
CEC802	Construction Management	B	Lissy Jose	Target Level	3.00	1.50	2.00	-	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.71	2.70	2.64	-	2.64	-	-	-	-	2.71	-	-
CEC803	Industrial Waste Treatment	B	Purva Awari	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.61	2.61	-	-	2.97	-	-	-	-	-	-	-
CEDLO8032	construction engg	B	Ghufran Khan	Target Level	3.00	2.00	-	2.20	3.00	-	-	-	-	-	-	-
				Attainment Level	2.96	2.97	-	2.96	2.96	-	-	-	-	-	-	-





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CEP804	Project – Part II	A & B	Prerana Patil	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00
				Attainment Level	2.95	2.96	-	2.96	2.94	-	-	-	-	2.94	-	2.98





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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	-	Yogendra Vishwakarma	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	1.48	1.48	1.48	-	-	-	-	-	-	-	-	1.48
CSC302	Digital Logic Design and Analysis	-	Vinit Raut	Target Level	3.00	3.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Attainment Level	0.92	0.92	0.88	0.52	0.88	-	-	-	-	-	-	-
CSC303	Discrete Mathematics	-	Akshata Raut	Target Level	3.00	3.00	2.00	3.00	3.00	-	-	-	-	-	-	2.00
				Attainment Level	1.08	1.08	1.08	0.88	0.92	-	-	-	-	-	-	0.72
CSC304	Electronic Circuits and Communication Fundamentals	-	Saniket Kudoo	Target Level	3.00	-	3.00	3.00	-	3.00	-	-	-	-	-	-
				Attainment Level	0.92	-	0.76	0.92	-	0.76	-	-	-	-	-	-
CSC305	Data Structures	-	Monali Pimpale	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.04	2.64	2.04	-	2.04	-	-	-	-	-	-	-
CSL301	Digital System Lab	-	Vinit Raut	Target Level	3.00	-	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	-	2.00	2.00	2.00	-	-	-	-	-	-	-
CSL302	Basic Electronics Lab	-	Saniket Kudoo	Target Level	3.00	-	3.00	3.00	-	2.00	-	-	-	-	-	-
				Attainment Level	3.00	-	3.00	3.00	-	3.00	-	-	-	-	-	-
CSL303	Data structure Lab	-	Monali Pimpale	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
CSL304	OOPM(Java) Lab	-	Dnyaneshwar Bhabad	Target Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	3.00
				Attainment Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	3.00
Semester IV																
CSC401	Applied Mathematics-IV	-	Bhagyashree Netake	Target Level	3.00	2.00	-	2.00	2.00	-	-	2.00	-	-	3.00	-
				Attainment Level	1.20	1.56	-	1.56	1.56	-	-	1.56	-	-	1.56	-
CSC402	Analysis of Algorithm	-	Pallavi Vartak / Vinit Raut	Target Level	3.00	3.00	3.00	3.00	2.00	-	-	-	-	-	-	3.00
				Attainment Level	0.92	1.08	0.92	1.08	0.72	-	-	-	-	-	-	1.08





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CSC403	Computer Organization and Architecture	-	Vinit Raut	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.16	2.16	2.16	2.16	-	-	-	-	-	-	-	-
CSC404	Computer Graphics	-	Reshma Chaudhari / Saniket Kudoo	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.80	2.80	2.80	-	-	-	-	-	-	-	-	-
CSC405	Operating System	-	Janhavi Sangoi	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.24	2.24	1.92	2.08	1.92	-	-	-	-	-	2.16	-
CSL401	Analysis of Algorithm Lab	-	Dnyaneshwar Bhabad/ Akshata Raut	Target Level	3.00	3.00	3.00	3.00	2.00	-	-	-	-	-	-	3.00
				Attainment Level	2.52	2.52	2.32	2.68	2.68	-	-	-	-	-	-	-
CSL402	Computer Graphics Lab	-	Saniket kudoo	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
CSL403	Processor Architecture Lab	-	Vinit Raut	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	3.00
				Attainment Level	2.80	2.80	3.00	-	-	-	-	-	-	-	-	-
CSL404	Operating System Lab	-	Janhavi Sangoi	Target Level	3.00	3.00	2.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.08	2.08	2.08	2.08	2.24	-	-	-	-	-	-	-
CSL405	Open Source Tech Lab	-	Dnyaneshwar Bhabad	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.64	-	2.64	-	-	-	-	-	-	-	-	-
Semester V																
CSC501	Microprocessor	-	Umesh Mohite	Target Level	3.00	3.00	3.00	2.00	-	-	-	-	-	-	-	3.00
				Attainment Level	0.56	0.92	0.76	0.76	-	-	-	-	-	-	-	-
CSC502	Database Management System	-	Sunita Naik	Target Level	3.00	-	3.00	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	2.84	-	2.84	-	3.00	2.84	-	-	-	-	-	-
CSC503	Computer Network	-	Pratiksha Deshmukh	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	-	-	-	-	-	-	-
CSC504	Theory of Computer Science	-	Bhavika Thakur	Target Level	-	3.00	3.00	3.00	3.00	-	-	-	-	-	-	2.00
				Attainment Level	-	2.86	2.82	2.84	2.84	-	-	-	-	-	-	-
CSDLO5011	Multimedia System	-	Pallavi Vartak	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
CSL501	Microprocessor Lab	-	Umesh Mohite	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-





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CSL502	Computer Network Lab	-	Pratiksha Deshmukh	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
CSL503	Database & Info. System Lab	-	Sunita Naik	Target Level	-	-	3.00	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	-	-	2.60	-	2.60	2.60	-	-	-	-	-	-
CSL504	Web Design Lab	-	Akshata Raut	Target Level	3.00	-	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-
				Attainment Level	2.52	-	2.52	2.52	2.52	2.52	-	-	-	-	2.52	-
CSL505	Business Comm. & Ethics	-	Avinash Pawar	Target Level	-	-	-	-	3.00	-	2.00	-	3.00	-	3.00	2.00
				Attainment Level	-	-	-	-	0.76	-	0.92	-	1.08	-	1.08	0.72
Semester VI																
CSC601	Software Engineering	-	Pallavi Vartak	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	2.70	2.80	-	2.80	-	-	-	-	-	-	-
CSC602	System Programming & Compiler Construction	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	3.00	2.80	3.00	2.80	-	-	-	-	-	-	-	-
CSC603	Data Warehousing & Mining	-	Monali Pimpale	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	1.98	1.98	1.98	-	1.82	-	-	-	-	-	-	-
CSC604	Cryptography & System Security	-	Umesh Mohite	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.20	2.04	2.04	-	2.04	-	-	-	-	-	-	-
CSDLO6021	Machine Learning	-	Dnyaneshwar Bhabad	Target Level	3.00	2.00	-	3.00	-	-	-	-	-	-	-	3.00
				Attainment Level	1.50	1.56	-	1.56	-	-	-	-	-	-	-	1.40
CSL601	Software Engineering Lab	-	Pallavi Vartak	Target Level	3.00	3.00	-	3.00	-	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	3.00	-	-	-	-	-	-	-	-
CSL602	System software Lab	-	Reshma Chaudhari	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	2.80	3.00	-	2.80	-	-	-	-	-	-	-
CSL603	Data Warehousing & Mining Lab	-	Monali Pimpale	Target Level	-	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	-	3.00	3.00	-	2.20	-	-	-	-	-	-	-
CSL604	System Security Lab	-	Umesh Mohite	Target Level	3.00	3.00	-	-	2.00	3.00	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	-	2.90	2.80	-	-	-	-	-	-
CSP605	Mini Project	-	Sunita Naik / Dr. Tatwadarshi P. N. /Umesh Mohite	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





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Semester VII																
CPC701	Digital Signal Processing	-	Reshma Chaudhari	Target Level	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	1.40	1.40	-	-	1.56	1.36	-	-	-	-	-	-
CPC702	Cryptography and System Security	-	Ashwini Save	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.60	2.50	2.50	2.00	2.50	-	-	-	-	-	-	-
CPC703	Artificial Intelligence	-	Dr. Tatwadarshi P N	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.84	2.84	2.68	-	-	-	-	-	-	-	-
CPE7021	Advance Algorithms	-	Janhavi Sangoi	Target Level	3.00	-	-	3.00	3.00	3.00	-	-	-	-	-	-
				Attainment Level	2.28	-	-	2.28	2.28	2.28	-	-	-	-	-	-
CPP701	Project I	-	Janhavi Sangoi	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-
				Attainment Level	1.80	1.60	1.60	-	1.80	1.80	-	-	-	-	-	-
CPL701	Network Threats and Attacks Laboratory	-	Sunita Naik /Janhavi Sangoi /Dr. Tatwadarshi P N/ 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	-	-	-	-
Semester VIII																
CPC801	Data Warehouse and Mining	-	Ashwini Save	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	2.64	-	3.00	-	-	-	-	-	-	-
CPC802	Human Machine Interaction	-	Saniket Kudoo	Target Level	3.00	3.00	2.00	-	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	-
CPC803	Parallel and distributed Systems	-	Sunita Naik	Target Level	3.00	3.00	-	2.00	3.00	2.00	-	-	-	-	-	-
				Attainment Level	2.80	2.60	-	3.00	3.00	2.60	-	-	-	-	-	-
CPE8031	Machine Learning	-	Dr. Tatwadarshi P N	Target Level	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	-
CPP802	Project II	-	Janhavi Sangoi	Target Level	3.00	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-	-
				Attainment Level	2.80	-	-	2.80	2.80	-	-	2.80	2.80	2.80	-	-
CPL801	Cloud Computing Laboratory	-	Pallavi Raut / Janhavi Sangoi/ Vinit Raut	Target Level	-	-	2.00	-	3.00	3.00	-	-	-	-	-	2.00
				Attainment Level	-	-	3.00	-	3.00	3.00	-	-	-	-	-	-





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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	Applied Mathematics - III	-	Shiksha Singh	Target Level	2.83	3.00	3.00	2.75	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEC302	Electronics Devices and Circuits	-	Bhushan Save	Target Level	3.00	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-
				Direct Attainment Level	1.30	1.20	1.00	1.40	-	1.40	-	-	-	-	-	-
				Indirect Attainment Level	3.00	2.00	3.00	2.00	-	2.00	-	-	-	-	-	-
EEC303	Conventional and Non-Conventional Power Generation	-	Chitralkha Vangala	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	2.00	2.00	3.00	3.00	1.00	2.00	-	-	-	-	-	-
EEC304	Electrical and Electronics Measurement	-	Bhavita Patil	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.80	3.00	3.00	2.80	2.80	3.00	-	-	-	-	-	-
				Indirect Attainment Level	3.00	2.00	3.00	2.00	2.00	3.00	-	-	-	-	-	-
EEC305	Electrical Machine - I	-	Mukeshkumar Mishra	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
				Direct Attainment Level	1.40	1.40	1.40	1.40	1.40	-	-	-	-	-	-	1.40
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	3.00
EEL301	Electrical and Electronics Measurement Lab	-	Bhavita Patil	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.75	3.00	3.00	1.50	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	2.00	3.00	-	-	-	-	-	-	-	-
EEL302	Object Oriented Programming and Methodology Lab	-	Pallavi Vartak	Target Level	-	2.00	2.00	2.00	2.50	-	-	-	-	-	-	-
				Direct Attainment Level	-	2.20	2.20	2.20	2.50	-	-	-	-	-	-	-
				Indirect Attainment Level	-	1.00	1.00	1.00	1.00	-	-	-	-	-	-	-
EEL303	Electronics Lab - I	-	Bhushan Save	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.75	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-





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EEL304	Electrical Machine Lab - I	-	Mukeshkumar Mishra	Target Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	-	
				Direct Attainment Level	2.50	-	3.00	-	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.00	-	3.00	-	3.00	-	-	-	-	-	-	-	
Semester IV																	
EEC401	Applied Mathematics - IV	-	Shiksha Singh	Target Level	2.83	3.00	3.00	2.75	-	-	-	-	-	-	-	-	
				Direct Attainment Level	2.96	2.96	2.93	2.96	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	
EEC402	Power System - I	-	Prajakta Patil	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	--	--	--	--	--	--	
				Direct Attainment Level	1.40	1.40	1.40	1.40	1.40	1.40	--	--	--	--	--	--	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	--	--	--	--	--	--	
EEC403	Electrical Machines – II	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	3.00	
				Direct Attainment Level	2.80	2.60	3.00	-	2.80	2.60	-	-	-	-	-	-	2.60
				Indirect Attainment Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	2.00
EEC404	Electromagnetic Field and wave Theory	-	Bhavita Patil	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-	
				Direct Attainment Level	1.40	1.40	1.40	1.40	1.40	-	-	1.40	-	-	-	-	
				Indirect Attainment Level	3.00	2.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-	
EEC405	Analog and Digital Integrated Circuits	-	Bhushan Save	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	
				Direct Attainment Level	2.20	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-	
				Indirect Attainment Level	3.00	1.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	
EEC406	Electrical Network	-	Mukeshkumar Mishra	Target Level	3.00	3.00	2.00	2.00	2.00	-	-	2.00	-	-	-	-	
				Direct Attainment Level	1.40	1.40	1.40	1.40	1.40	-	-	1.40	-	-	-	-	
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-	
EEL401	Simulation Lab - I	-	Bhavita Patil	Target Level	-	3.00	-	3.00	-	-	-	-	-	-	-	-	
				Direct Attainment Level	-	3.00	-	3.00	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	-	3.00	-	3.00	-	-	-	-	-	-	-	-	
EEL402	Electrical Machines Lab - II	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	3.00	
				Direct Attainment Level	3.00	3.00	3.00	-	2.00	-	-	-	-	-	-	-	3.00
				Indirect Attainment Level	2.00	3.00	1.00	-	3.00	-	-	-	-	-	-	-	2.00
EEL403	Electronics Lab II	-	Bhushan Save	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-	





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				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEL404	Electrical Workshop	-	Mukeshkumar Mishra	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	2.50	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	2.00	-	-	-	-	-	-	-
Semester V																
EEC501	Power System - II	-	Mukeshkumar Mishra	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	2.80	-	-	-	-	-	-
				Indirect Attainment Level	2.00	3.00	3.00	3.00	2.00	2.00	-	-	-	-	-	-
EEC502	Electrical Machines - III	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.68	1.20	1.00	1.40	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEC503	Control System - I	-	Chitralekha Vangala	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.30	1.30	1.20	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.50	1.50	2.00	-	-	-	-	-	-	-	-	-
EEC504	Power Electronics	-	Sushantkumar	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	0.60	0.40	0.60	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
EEDLO5013	Utilization of Electrical Energy	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	-	3.00	3.00	-	-	-	-	-	3.00
				Direct Attainment Level	3.00	3.00	2.60	-	3.00	3.00	-	-	-	-	-	2.80
				Indirect Attainment Level	1.00	1.00	1.00	-	1.00	2.00	-	-	-	-	-	1.00
EEL501	Business Communication and Ethics	-	Avinash Pawar	Target Level	-	-	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-
				Direct Attainment Level	-	-	-	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	-	-	-	-	2.90	2.91	-	-	2.91	2.90	2.89	-
EEL502	Control System Lab	-	Chitralekha Vangala	Target Level	3.00	-	3.00	-	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	2.50	-	3.00	-	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.00	-	3.00	-	3.00	-	-	-	-	-	-	-
EEL503	Electrical Machines Lab - III	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	1.50	-	-	-	-	-	-	-	-





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				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEL504	Power Electronics Lab	-	Sushantkumar	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.00	1.50	0.50	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
Semester VI																
EEC601	Protection and Switchgear Engineering	-	Sunil Suknale	Target Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-
				Direct Attainment Level	2.80	3.00	3.00	-	2.80	3.00	3.00	-	-	-	-	-
				Indirect Attainment Level	2.00	1.00	2.00	-	3.00	3.00	2.00	-	-	-	-	-
EEC602	Electrical Machines - IV	-	Piyali Mondal	Target Level	3.00	3.00	3.00	-	3.00	3.00	3.00	-	-	-	-	-
				Direct Attainment Level	2.80	3.00	2.80	-	3.00	3.00	3.00	-	-	-	-	-
				Indirect Attainment Level	2.00	2.00	2.00	-	2.00	2.00	3.00	-	-	-	-	-
EEC603	Signal Processing	-	Chitralekha Vangala	Target Level	3.00	2.00	3.00	2.00	3.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.00	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
EEC604	Microcontroller and its Applications	-	Ashwini Haryan	Target Level	3.00	2.00	2.00	2.00	2.00	2.00	-	2.00	2.00	-	2.00	2.00
				Direct Attainment Level	2.20	2.20	1.80	2.00	2.20	2.00	-	2.00	2.20	-	2.20	2.00
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	3.00	3.00	-	3.00	3.00
EEC605	Control System - II	-	Sushantkumar	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-
				Direct Attainment Level	1.80	2.00	1.80	2.20	1.80	-	-	2.20	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-
EEDLO6022	Micro-grid	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.10	1.40	1.40	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
EEL601	Electrical Protection Lab	-	Sunil Suknale	Target Level	-	-	3.00	-	3.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	-	-	3.00	-	3.00	2.50	-	-	-	-	-	-
				Indirect Attainment Level	-	-	2.00	-	2.00	2.00	-	-	-	-	-	-
EEL602	Electrical Machines Lab - IV	-	Piyali Mondal	Target Level	3.00	-	3.00	-	3.00	-	3.00	-	-	-	-	-
				Direct Attainment Level	3.00	-	3.00	-	3.00	-	3.00	-	-	-	-	-
				Indirect Attainment Level	3.00	-	3.00	-	3.00	-	3.00	-	-	-	-	-





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EEL603	Microcontroller Lab	-	Ashwini Haryan	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	-	-	
EEL604	Simulation Lab – II	-	Chitralekha Vangala	Target Level	3.00	3.00	3.00	-	-	3.00	-	-	-	-	-	
				Direct Attainment Level	3.00	3.00	3.00	-	-	1.50	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	3.00	-	-	-	-	-	-
Semester VII																
EEC701	Power System Operation and Control	-	Kavita Mhaskar	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	3.00	-	-	-
				Direct Attainment Level	2.80	3.00	2.60	3.00	3.00	-	-	-	3.00	-	-	-
				Indirect Attainment Level	3.00	2.00	2.00	2.00	3.00	-	-	-	2.00	-	-	-
EEC702	High Voltage DC Transmission	-	Rahul Abhyankar	Target Level	2.00	3.00	-	-	2.00	3.00	3.00	-	-	-	-	3.00
				Direct Attainment Level	0.60	0.40	-	-	0.60	0.60	1.40	-	-	-	-	0.60
				Indirect Attainment Level	3.00	3.00	-	-	3.00	3.00	3.00	-	-	-	-	3.00
EEC703	Electrical Machine Design	-	Piyali Mondal	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.40	1.40	1.40	1.40	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
EEC704	Control System- II	-	Sushantkumar	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	3.00	-	-	-	-
				Direct Attainment Level	3.00	2.80	2.60	2.60	3.00	-	-	3.00	-	-	-	-
				Indirect Attainment Level	2.00	2.00	2.00	3.00	2.00	-	-	2.00	-	-	-	-
EEC705	High Voltage Engineering	-	Pratik Mahale	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	2.60	2.60	2.60	2.80	2.80	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
EEC706	Project - I	-	Pratik Mahale	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 System	-	Pratik Mahale	Target Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.60	2.60	2.60	2.80	2.60	2.80	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	2.00	2.00	3.00	-	-	-	-	-	-





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EEC802	Drives and Control	-	Anojkumar Yadav	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.45	2.40	2.40	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
EEC803	Power System Planning and Reliability	-	Rahul Abhyankar	Target Level	3.00	3.00	-	3.00	-	3.00	3.00	3.00	-	-	-	-
				Direct Attainment Level	2.80	2.60	-	2.80	-	3.00	2.80	2.80	-	-	-	-
				Indirect Attainment Level	3.00	2.00	-	1.00	-	3.00	3.00	2.00	-	-	-	-
EEC804	Flexible AC Transmission System	-	Sunil Suknale	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Direct Attainment Level	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-	-
				Indirect Attainment Level	3.00	3.00	3.00	2.00	3.00	-	-	-	-	-	-	-
EEC805	Project-II	-	Pratik Mahale	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 and 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	Applied Mathematics-III	-	Bhagyashree Netke	Target Level	2.75	2.33	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.26	1.21	1.28	1.21	-	-	-	-	-	-	-	-
				Indirect Attainment Level	1.90	2.00	1.86	2.00	-	-	-	-	-	-	-	-
ECC302	Electronic Devices & Circuits-I	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.35	1.37	1.35	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.10	2.18	2.15	-	-	-	-	-	-	-	-	-
ECC303	Digital System Design	-	Madhura Ranade / Kaustubha Gawas	Target Level	2.00	3.00	1.00	3.00	1.00	2.00	-	-	-	-	-	-
				Direct Attainment Level	2.90	2.85	2.90	2.90	2.90	2.90	-	-	-	-	-	-
				Indirect Attainment Level	2.20	2.20	2.20	2.20	2.20	2.20	-	-	-	-	-	-
ECC304	Circuit Theory and Networks	-	Ameya Purandare	Target Level	2.00	3.00	2.30	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.37	1.37	1.38	1.38	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.30	2.20	2.13	2.25	-	-	-	-	-	-	-	-
ECC305	Electronic Instrumentation & Control	-	Kushal Suvarna	Target Level	3.00	2.50	2.00	-	-	-	-	-	-	2.00	-	-
				Direct Attainment Level	1.31	1.32	1.30	-	-	-	-	-	-	1.32	-	-
				Indirect Attainment Level	2.10	2.18	2.09	-	-	-	-	-	-	2.18	-	-
ECL301	Electronic Devices & Circuits - I 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	2.28	2.28	2.24	2.20	-	-	-	-	-	-	-	-
ECL302	Digital System Design Lab	-	Madhura Ranade / Kaustubha Gawas	Target Level	2.00	3.00	1.00	3.00	1.00	2.00	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-
				Indirect Attainment Level	2.20	2.30	2.20	2.10	2.20	2.20	-	-	-	-	-	-





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ECL303	OOP using JAVA Lab	-	Kushal Suvarna	Target Level	1.75	2.00	-	-	-	-	-	-	-	-	2.00	-
				Direct Attainment Level	3.00	3.00	-	-	-	-	-	-	-	3.00	-	
				Indirect Attainment Level	1.98	2.00	-	-	-	-	-	-	-	2.00	-	
Semester IV																
ECC401	Applied Mathematics IV	-	Bhagyashree Netke	Target Level	2.83	3.00	3.00	2.75	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.06	2.06	2.07	2.06	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.50	2.50	2.50	2.50	-	-	-	-	-	-	-	-
ECC402	Electronic Devices & Circuits-II	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.15	2.15	2.14	2.20	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.45	2.45	2.48	2.30	-	-	-	-	-	-	-	-
ECC403	Linear Integrated Circuits	-	Kushal Suvarna / Pratik Parsewar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	2.00	2.00	-
				Direct Attainment Level	1.38	1.38	1.38	1.38	-	-	-	-	-	1.38	1.38	-
				Indirect Attainment Level	2.06	2.06	2.06	2.06	-	-	-	-	-	1.38	1.38	-
ECC404	Signals & Systems	-	Archana Ingle	Target Level	3.00	2.50	2.50	1.80	-	-	-	-	2.00	-	2.80	-
				Direct Attainment Level	0.54	0.54	0.54	0.54	-	-	-	-	0.54	-	0.54	-
				Indirect Attainment Level	-	-	-	-	-	-	-	-	-	-	-	-
ECC405	Principles of Communication Engineering	-	Ashwini Haryan / Ameya Purandare	Target Level	2.00	2.00	-	-	2.00	-	2.00	2.00	-	-	-	-
				Direct Attainment Level	1.28	1.30	-	-	1.30	-	1.30	1.30	-	-	-	-
				Indirect Attainment Level	2.23	2.23	-	-	2.30	-	2.30	2.23	-	-	-	-
ECL401	Electronic Devices & Circuits-II Lab	-	Shoeb Shaikh	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	-	2.30	2.35	2.35	-	-	-	2.30	2.30	2.30	2.30	-
ECL402	Linear Integrated Circuits Lab	-	Kushal Suvarna / Pratik Parsewar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	2.00	2.00	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00	-
				Indirect Attainment Level	2.12	2.12	2.12	2.12	-	-	-	-	-	2.12	2.12	-
ECL403		-		Target Level	2.00	2.00	-	2.00	-	-	-	-	2.00	-	-	-





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	Principles of Communication Engineering Lab		Ashwini Haryan / Ameya Purandare	Direct Attainment Level	3.00	3.00	-	3.00	-	-	-	-	3.00	-	-	-
				Indirect Attainment Level	2.10	2.10		1.90	-	-	-	-	2.30	-	-	-
Semester V																
ECC501	Microprocessor & Peripherals Interfacing	-	Nutan Malekar	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.30	1.30	1.40	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.10	2.20	2.20	-	-	-	-	-	-	-	-	-
ECC502	Digital Communication	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	1.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	1.22	1.20	1.23	1.21	1.25	1.20	-	-	-	-	-	-
				Indirect Attainment Level	2.10	2.00	2.15	2.05	2.25	2.00	-	-	-	-	-	-
ECC503	Electromagnetic Engineering	-	Mohini Ghotekar	Target Level	2.00	2.00	-	-	-	-	-	-	-	-	2.00	-
				Direct Attainment Level	1.29	1.29	-	--	-	-	-	-	-	-	1.33	-
				Indirect Attainment Level	2.05	2.05	-	-	-	-	-	-	-	-	1.90	-
ECC504	Discrete Time Signal Processing	-	Shoeb Shaikh	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	1.15	1.17	1.16	1.10	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.30	2.30	2.26	2.25	-	-	-	-	-	-	-	-
ECCDLO 5014	Data Compression and Encryption	-	Meena Perla	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-
				Direct Attainment Level	2.08	2.10	2.08	2.00	1.90	-	-	-	-	1.90	-	-
				Indirect Attainment Level	2.15	2.00	2.05	2.05	2.20	-	-	-	-	2.20	-	-
ECL501	Microprocessor & Peripherals Interfacing Lab	-	Nutan Malekar	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	-	-
				Indirect Attainment Level	2.30	2.20	2.20	-	-	-	-	2.20	-	2.20	-	-
ECL502	Digital Communication Lab	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	1.00	3.00	-	-	-	-	-	-
				Direct Attainment Level	2.50	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-	-
				Indirect Attainment Level	2.10	2.15	2.00	2.25	2.05	2.00	-	-	-	-	-	-
ECL503	Business Communication & Ethics Lab	-	Avinash Pawar	Target Level	-	-	-	-	-	2.50	2.50	2.50	2.25	2.00	2.50	-
				Direct Attainment Level	-	-	-	-	-	3.00	3.00	3.00	3.00	3.00	3.00	-





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				Indirect Attainment Level	-	-	-	-	-	2.30	2.15	2.20	2.30	2.40	2.15	-
ECL504	Open Source Technology for Communication Lab	-	Ameya Purandare	Target Level	1.60	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.13	2.08	2.00	2.15	-	-	-	-	-	-	-	
ECLDLO 5014	Data Compression and Encryption Lab	-	Meena Perla	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.13	2.12	2.15	2.12	-	-	-	-	-	-	-	
Semester VI																
ECC601	Microcontrollers & Applications	-	Nutan Malekar	Target Level	2.00	2.00	2.00	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	2.10	2.20	2.20	-	-	-	-	-	-	-	-	
				Indirect Attainment Level	2.60	2.30	2.30	-	-	-	-	-	-	-	-	
ECC602	Computer Communication Networks	-	Meena Perla	Target Level	-	2.50	2.67	2.67	-	-	-	-	-	-	2.50	-
				Direct Attainment Level	-	1.28	1.28	1.28	-	-	-	-	-	-	1.28	-
				Indirect Attainment Level	-	2.32	2.32	2.32							2.32	-
ECC603	Antenna & Radio Wave Propagation	-	Ameya Purandare	Target Level	2.00	1.00	2.00	2.00	-	-	-	2.00	-	-	1.00	-
				Direct Attainment Level	1.27	1.15	1.26	1.20	-	-	-	1.20	-	-	1.20	-
				Indirect Attainment Level	2.20	2.12	2.18	2.35	-	-	-	2.35	-	-	2.24	-
ECC604	Image Processing and Machine Vision	-	Madhura Ranade	Target Level	2.00	2.00	3.00	2.00	3.00	-	-	3.00	-	-	-	-
				Direct Attainment Level	1.40	1.30	1.25	1.40	1.40	-	-	1.30	-	-	-	-
				Indirect Attainment Level	2.47	2.53	2.47	2.59	2.53	-	-	2.71	-	-	-	-
ECCDLO 6023	Database Management System	-	Kushal Suvarna	Target Level	-	3.00	3.00	-	-	-	-	-	-	3.00	2.00	-
				Direct Attainment Level	-	1.38	1.38	-	-	-	-	-	-	1.38	1.35	-
				Indirect Attainment Level	-	2.22	2.24	-	-	-	-	-	-	2.24	2.12	-
ECL601	Microcontrollers & Applications Lab	-	Nutan Malekar	Target Level	-	2.00	2.00	-	-	-	-	2.00	-	2.00	-	-
				Direct Attainment Level	-	3.00	3.00	-	-	-	-	3.00	-	3.00	-	-
				Indirect Attainment Level	-	2.20	2.24	-	-	-	-	2.24	-	2.24	-	-





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ECL602	Computer Communication Networks Lab	-	Meena Perla	Target Level	-	2.00	2.00	2.00	-	-	-	2.00	-	-	-	-
				Direct Attainment Level	-	3.00	3.00	3.00	-	-	-	3.00	-	-	-	-
				Indirect Attainment Level	-	2.11	2.11	2.11	-	-	-	2.53	-	-	-	-
ECL603	Antenna & Radio Wave Propagation Lab	-	Ameya Purandare	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	1.00	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	3.00	-	3.00	-
				Indirect Attainment Level	2.28	2.12	2.28	2.35	-	-	-	-	2.35	-	2.35	-
ECL604	Image Processing and Machine Vision Lab	-	Madhura Ranade	Target Level	-	2.50	2.50	-	-	-	-	-	-	-	-	-
				Direct Attainment Level	-	3.00	3.00	-	-	-	-	-	-	-	-	-
				Indirect Attainment Level	-	-	-	-	-	-	-	-	-	-	-	-
ECLDLO 6023	Database Management System Lab	-	Kushal Suvarna	Target Level	-	3.00	3.00	-	-	-	-	-	-	3.00	2.00	-
				Direct Attainment Level	-	3.00	3.00	-	-	-	-	-	-	3.00	3.00	-
				Indirect Attainment Level	-	2.37	2.37	-	-	-	-	-	-	2.37	2.37	-
Semester VII																
ETC701	Image and Video Processing	-	Chitra Takle	Target Level	3.00	2.00	-	2.00	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	1.32	1.40	-	1.37	1.35	-	-	-	-	-	-	-
				Indirect Attainment Level	2.25	1.40	-	1.35	1.35	-	-	-	-	-	-	-
ETC702	Mobile Communication	-	Archana Ingle / Ameya Purandare	Target Level	2.50	2.50	2.25	2.75	1.00	3.00	-	-	-	-	2.00	-
				Direct Attainment Level	1.21	1.21	1.27	1.29	1.26	1.16	-	-	-	-	1.30	-
				Indirect Attainment Level	1.75	1.75	2.20	2.24	2.14	2.23	-	-	-	-	2.39	-
ETC703	Optical Communication Networks	-	Kaustubha Gawas	Target Level	2.00	-	2.00	2.00	-	-	-	-	2.00	2.00	2.00	-
				Direct Attainment Level	0.53	-	0.49	0.55	-	-	-	-	0.53	0.57	0.53	-
				Indirect Attainment Level	-	-	-	-	-	-	-	-	-	-	-	-
ETC704	Microwave and Radar Engineering	-	Mohini Ghotekar / Meena Perla	Target Level	2.00	2.00	-	2.00	2.00	-	-	-	-	-	-	-
				Direct Attainment Level	1.08	1.03	-	1.20	1.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.15	2.22		2.25	2.23	-	-	-	-	-	-	-
ETE701		-	Karishma Raut	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-





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	Data Compression and Encryption			Direct Attainment Level	2.90	2.85	2.77	2.97	2.80	-	-	-	-	2.80	-	
				Indirect Attainment Level	2.53	2.56	2.52	2.42	2.40	-	-	-	-	2.40	-	
ETL701	Image and Video Processing Laboratory	-	Chitra Takle	Target Level	3.00	2.00	-	2.00	3.00	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	-	2.50	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.39	-	-	2.43	2.50	-	-	-	-	-	-	-
ETL702	Advanced communication Engineering. Laboratory I	-	Archana Ingle / Ameya Purandare	Target Level	2.00	-	3.00	-	2.00	-	-	-	-	-	3.00	-
	Mobile Communication System Lab			Direct Attainment Level	3.00	-	3.00	-	3.00	-	-	-	-	-	3.00	-
				Indirect Attainment Level	2.27	-	2.20	-	2.23	-	-	-	-	-	2.16	-
ETL703	Advanced communication Engineering. Laboratory II	-	Kaustubha Gawas / Mohini	Target Level	2.00	2.00	-	2.00	2.00	-	-	-	-	-	-	-
	Mobile Communication System Lab			Direct Attainment Level	3.00	3.00	-	3.00	3.00	-	-	-	-	-	-	-
				Indirect Attainment Level	2.23	2.25	-	2.18	2.30	-	-	-	-	-	-	-
ETEL701	Data Compression and Encryption Lab	-	Karishma Raut / Meena Perla	Target Level	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.52	2.45	2.41	2.50	-	-	-	-	-	-	-	-
ETP 701	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	2.30	2.32	2.30	2.20	-	-	-	2.30	-	2.32	2.20	-
Semester VIII																
ETC801	Wireless Networks	-	Mohini Ghotekar	Target Level	2.00	-	2.00	2.00	2.00	-	-	-	-	-	2.00	-
				Direct Attainment Level	2.10	-	2.10	2.10	2.10	-	-	-	-	-	2.10	-
				Indirect Attainment Level	2.25	-	2.10	2.10	2.10	-	-	-	-	-	2.10	-
ETC802	Satellite communication and Networks	-	Chitra Takle	Target Level	2.00	2.00	3.00	2.00	-	-	-	-	-	2.00	-	-
				Direct Attainment Level	3.00	2.90	2.95	3.00	-	-	-	-	-	3.00	-	-
				Indirect Attainment Level	2.52	2.39	2.41	2.39	-	-	-	-	-	2.37	-	-
ETC803	Internet and Voice Communication	-	Karishma Raut	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	2.00	-	-
				Direct Attainment Level	2.15	2.10	2.13	2.15	2.20	-	-	-	-	2.20	-	-





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				Indirect Attainment Level	2.47	2.56	2.49	2.52	2.54	-	-	-	-	2.54	-	-
ETE802	Telecom Network Management	-	Pratik Parsewar / Shoeb Shaikh	Target Level	-	-	2.00	2.00	2.00	-	-	2.00	2.00	2.00	-	-
				Direct Attainment Level	-	-	1.20	1.20	1.20	-	-	1.05	1.15	1.20	-	-
				Indirect Attainment Level	-	-	2.22	2.33	2.19	-	-	2.29	2.22	2.29	-	-
ETL801	Wireless Networks Laboratory	-	Mohini Ghotekar	Target Level	2.00	2.00	-	1.50	-	2.00	-	-	-	-	1.00	-
				Direct Attainment Level	-	3.00	-	3.00	-	3.00	-	-	-	-	3.00	-
				Indirect Attainment Level	-	2.37	-	2.35	-	2.26	-	-	-	-	2.31	-
ETL802	Satellite communication and Networks Laboratory	-	Chitra Takle	Target Level	2.00	2.00	3.00	2.00	-	-	-	-	-	-	-	-
				Direct Attainment Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Indirect Attainment Level	2.39	2.41	2.37	2.32	-	-	-	-	-	-	-	-
ETL803	Internet and Voice Communication Laboratory	-	Karishma Raut / Meena Perla	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	2.45	2.41	2.46	2.48	2.43	-	-	-	-	2.43	-	-
ETEL802	Telecom Network Management	-	Pratik Parsewar	Target Level	-	-	2.00	-	-	-	-	2.00	2.00	2.00	-	-
				Direct Attainment Level	-	-	3.00	-	-	-	-	3.00	3.00	3.00	-	-
				Indirect Attainment Level	-	-	2.33					2.30	2.32	2.33	-	-
ETP801	Project (Stage 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	2.43	2.48	2.48	2.50	-	-	-	2.52	-	2.48	2.50	-





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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	Applied Mathematics III	A	Ramashankar Prajapati	Target Level	2.00	2.50	-	3.00	-	-	-	-	3.00	-	-	-
				Attainment Level	1.59	1.39	-	1.70	-	-	-	-	1.32	-	-	-
MEC302	Thermodynamics	A	Pramod Vishwakarma	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.06	1.07	-	-	-	-	-	-	-	-	-	-
MEC303	Strength of Materials	A	Mansi Lakhani	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.26	1.25	1.25	-	-	-	-	-	-	-	-	-
MEL302	Strength of Materials - Lab.	A	Mansi Lakhani	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.86	-	-	-	-	-	-	-	-	2.86	-	-
MEC304	Production Process- I	A	Varghese Koshy	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.03	-	-	-	-	-	-	-	-	-	-	-
MEC305	Material Technology	A	Swapnil Raut	Target Level	2.25	2.50	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.34	1.30	1.38	1.30	-	-	-	-	-	-	-	-
MEL303	Material Technology-LAB	A	Swapnil Raut	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.90	-	-	-	-	-	-	-	-	2.90	-	-
MEL301	Computer Aided Machine Drawing	A	Vinit Raut	Target Level	2.00	-	-	-	2.00	-	-	-	-	2.00	-	-
				Attainment Level	1.16	-	-	-	1.16	-	-	-	-	1.21	-	-
MEL304	Machine Shop Practice I	A	Ulhas Thakur	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	0.08	-	-	-	0.08	-	-	-	-	-	-	-
MEC301	Applied Mathematics III	B	Ramashankar Prajapati	Target Level	2.00	2.50	-	3.00	-	-	-	-	3.00	-	-	-
				Attainment Level	1.66	1.48	-	1.62	-	-	-	-	1.19	-	-	-
MEC302	Thermodynamics	B	Pramod Vishwakarma	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.12	1.13	-	-	-	-	-	-	-	-	-	-
MEC303	Strength of Materials	B	Aditi Pimpale	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.20	1.19	1.19	-	-	-	-	-	-	-	-	-





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MEL302	Strength of Materials - LAB	B	Aditi Pimpale	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.98	-	-	-	-	-	-	-	-	2.98	-	-
MEC304	Production Process- I	B	Varghese Koshy	Target Level	3.00	-	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.03	-	-	-	-	-	-	-	-	-	-	-
MEC305	Computer Aided Machine Drawing	B	Vinit Raut	Target Level	2.00	-	-	-	2.00	-	-	-	-	2.00	-	-
				Attainment Level	1.94	-	-	-	1.94	-	-	-	-	2.01	-	-
MEL304	Machine Shop Practice I	B	Ulhas Thakur	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	0.08	-	-	-	0.08	-	-	-	-	-	-	-
MEC305	Material Technology	B	Swapnil Raut	Target Level	2.25	2.50	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.30	1.29	1.15	1.29	-	-	-	-	-	-	-	-
MEL303	Material Technology - Lab	B	Swapnil Raut	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.74	-	-	-	-	-	-	-	-	2.74	-	-
Semester IV																
MEC401	Applied Mathematics IV	A	Jayesh Jain	Target Level	3.00	2.00	1.16	-	-	-	-	-	-	-	-	-
				Attainment Level	1.25	1.25	1.25	-	-	-	-	-	-	-	-	-
MEC402	Fluid Mechanics	A	Chhaya Patil	Target Level	3.00	1.80	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.16	2.16	2.16	-	-	-	-	-	-	-	-	-
MEL402	Fluid Mechanics - Lab.	A	Chhaya Patil	Target Level	2.66	2.66	-	-	-	-	-	-	-	2.66	-	-
				Attainment Level	2.97	2.97	-	-	-	-	-	-	-	2.97	-	-
MEC405	Kinematics of Machinery	A	Varghese Koshy	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	0.59	0.61	-	-	-	-	-	-	-	-	-	-
MEL404	Kinematics of Machinery - Lab	A	Varghese Koshy	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.50	2.50	-	-	-	-	-	-	-	-	-	-
MEC404	Production Process- II	A	Nilesh Nagare	Target Level	3.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.08	-	-	-	2.06	-	-	-	-	-	-	-
MEL401	DBIR	A	Akshata Raut	Target Level	-	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
MEC403	Industrial Electronics	A	Sushant Bansal	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Attainment Level	1.24	1.25	1.04	1.20	1.04	-	-	-	-	-	-	-





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MEL403	Industrial Electronics - LAB	A	Sushant Bansal	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Attainment Level	2.88	2.84	2.80	2.88	2.97	-	-	-	-	-	-	-
MEL405	Machine Shop Practice II	A	Ulhas Thakur	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.49	-	-	-	2.49	-	-	-	-	-	-	-
MEC401	Applied Mathematics IV	B	Jayesh Jain	Target Level	3.00	2.00	1.16	-	-	-	-	-	-	-	-	-
				Attainment Level	1.24	1.24	1.24	-	-	-	-	-	-	-	-	-
MEC402	Fluid Mechanics	B	Mayur Jagtap	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	2.66	-	-
				Attainment Level	2.17	2.17	2.17	-	-	-	-	-	-	-	2.97	-
MEL402	Fluid Mechanics - Lab.	B	Mayur Jagtap	Target Level	2.66	2.66	-	-	-	-	-	-	-	2.66	-	-
				Attainment Level	2.97	2.97	-	-	-	-	-	-	-	-	2.97	-
MEC405	Kinematics of Machinery	B	Swapnil Raut	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	1.25	1.27	-	-	-	-	-	-	-	-	-	-
MEL404	Kinematics of Machinery - Lab	B	Swapnil Raut	Target Level	3.00	3.00	-	-	-	-	-	-	-	-	-	-
				Attainment Level	2.90	2.90	-	-	-	-	-	-	-	-	-	-
MEC404	Production Process- II	B	Nilesh Nagare	Target Level	3.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.06	-	-	-	2.04	-	-	-	-	-	-	-
MEL401	DBIR	B	Akshata Raut	Target Level	-	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
MEC403	Industrial Electronics	B	Prajakta Patil	Target Level	2.00	2.00	2.00	2.00	2.00	-	-	-	-	-	-	-
				Attainment Level	1.30	1.12	1.03	1.03	1.03	-	-	-	-	-	-	-
MEL403	Industrial Electronics - LAB	B	Prajakta Patil	Target Level	3.00	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-
				Attainment Level	1.37	1.37	1.38	1.34	1.36	-	-	-	-	-	-	-
MEL405	Machine Shop Practice II	B	Ulhas Thakur	Target Level	2.00	-	-	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.49	-	-	-	2.49	-	-	-	-	-	-	-
Semester V																
MEC501	I C Engines	A	Aniket Deshmukh	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.23	1.19	1.23	-	-	-	-	-	-	-	-	-
MEL501	I C Engines - Lab	A	Aniket Deshmukh	Target Level	3.00	3.00	-	-	-	-	3.00	-	-	-	-	-
				Attainment Level	2.94	2.96	-	-	-	-	2.96	-	-	-	-	-





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MEC502	Mechanical Measurements and Control	A	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.27	1.27	1.27	-	-	-	-	-	-	-	-	-
MEL502	Mechanical Measurements and Control - Lab	A	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	3.00	3.00	3.00	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	2.98	2.98	2.98	-
MEDLO5011	Press Tool Design	A	Nilesh Nagare	Target Level	2.00	2.66	2.33	2.00	-	-	-	-	-	-	-	-
				Attainment Level	2.92	2.91	2.86	2.97	-	-	-	-	-	-	-	-
MEC504	Dynamics of Machinery	A	Omkar Joshi	Target Level	3.00	2.50	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.31	1.31	1.31	-	-	-	-	-	-	-	-	-
MEL504	Dynamics of Machinery - Lab	A	Omkar Joshi	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.88	-	-	-	-	-	-	-	-	2.88	-	-
MEC503	Heat Transfer	A	Henisha Raut	Target Level	3.00	3.00	1.50	-	-	-	-	-	-	-	-	-
				Attainment Level	1.38	1.38	1.38	-	-	-	-	-	-	-	-	-
MEL503	Heat Transfer - Lab	A	Henisha Raut	Target Level	3.00	2.00	-	-	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.98	2.98	-	-	2.98	-	-	-	-	2.98	-	-
MEL506	Business Communication and Ethics	A	Prashant Pawar	Target Level	-	-	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-
				Attainment Level	-	-	-	-	2.85	2.86	-	-	2.86	2.88	2.85	-
MEC501	I C Engines	B	Mayur Jagtap	Target Level	1.83	3.00	0.00	1.00	1.00	0.00	2.00	0.00	0.00	0.00	0.00	1.00
				Attainment Level	1.27	1.37	0.00	1.26	1.44	0.00	1.47	0.00	0.00	0.00	0.00	1.27
MEL501	I C Engines - Lab	B	Mayur Jagtap	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.94	2.95	-	-	2.96	-	-	-	-	-	-	-
MEC502	Mechanical Measurements and Control	B	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.29	1.29	1.29	-	-	-	-	-	-	-	-	-
MEL502	Mechanical Measurements and Control - Lab	B	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	3.00	3.00	3.00	-
				Attainment Level	2.97	2.97	2.97	-	-	-	-	-	2.97	2.97	2.97	-
MEDLO5011	Press tool design	B	Nilesh Nagare	Target Level	2.00	2.66	2.33	2.00	-	-	-	-	-	-	-	-
				Attainment Level	2.92	2.92	2.86	2.87	-	-	-	-	-	-	-	-
MEC504	Dynamics of Machinery	B	Shreeyesh Kutty	Target Level	3.00	2.50	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.25	1.25	1.25	-	-	-	-	-	-	-	-	-
MEL504	Dynamics of Machinery - Lab	B	Shreeyesh Kutty	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-





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				Attainment Level	2.87	-	-	-	-	-	-	-	-	2.87	-	-
MEC503	Heat Transfer	B	Henisha Raut	Target Level	3.00	3.00	1.50	-	-	-	-	-	-	-	-	-
				Attainment Level	1.37	1.36	1.33	-	-	-	-	-	-	-	-	-
MEL503	Heat Transfer - Lab	B	Henisha Raut	Target Level	3.00	2.00	-	-	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.98	2.98	-	-	2.98	-	-	-	-	2.98	-	-
MEL506	Business Communication and Ethics	B	Prashant Pawar	Target Level	-	-	-	-	3.00	3.00	-	-	3.00	3.00	3.00	-
				Attainment Level	-	-	-	-	2.85	2.86	-	-	2.86	2.88	2.85	-
Semester VI																
MEC601	Metrology and Quality Engineering	A	Mansi Lakhani	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00
				Attainment Level	1.35	1.35	-	1.35	1.36	-	-	-	-	1.31	-	1.31
MEL601	Metrology and Quality Engineering - Lab	A	Mansi Lakhani	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.90	-	-	-	-	-	-	-	-	2.90	-	-
MEC602	Machine Design - I	A	Vinit Raut	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.99	1.22	1.99	-	-	-	-	-	-	-	-	-
MEL602	Machine Design - I - Lab	A	Vinit Raut	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.32	-	2.32	-	-	-	-	-	-	-	-	-
MEC604	Refrigeration and Air Conditioning	A	Manojkumar Yadav	Target Level	2.17	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-
				Attainment Level	2.93	2.93	2.93	-	-	2.93	2.93	-	-	-	-	-
MEL604	Refrigeration and Air Conditioning - Lab	A	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	3.00	3.00	3.00	-
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	2.98	2.98	2.98	-
MEDLO6021	Mechatronics	A	Henisha Raut	Target Level	3.00	2.75	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.32	1.38	1.38	-	-	-	-	-	-	-	-	-
MEL605	Mechatronics - Lab	A	Henisha Raut	Target Level	3.00	1.50	2.00	-	3.00	-	-	-	-	3.00	-	-
				Attainment Level	2.98	2.98	2.98	-	2.98	-	-	-	-	2.98	-	-
MEC603	Finite Element Analysis	A	Shreeyesh Kutty	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.79	2.79	2.79	-	-	-	-	-	-	-	-	-
MEL603	Finite Element Analysis - Lab	A	Shreeyesh Kutty	Target Level	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00	-	3.00
				Attainment Level	2.98	2.98	2.98	-	-	-	-	-	2.98	2.98	-	2.98
MEC601		B	Priyank Vartak	Target Level	2.00	1.50	-	2.00	2.60	-	-	-	-	2.00	-	1.00





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	Metrology and Quality Engineering			Attainment Level	1.27	1.24	-	1.24	1.29	-	-	-	-	1.26	-	1.22
MEL601	Metrology and Quality Engineering - Lab	B	Priyank Vartak	Target Level	3.00	-	-	-	-	-	-	-	-	3.00	-	-
				Attainment Level	2.90	-	-	-	-	-	-	-	-	2.90	-	-
MEC602	Machine Design I	B	Aditi Pimpale	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.12	2.11	2.12	-	-	-	-	-	-	-	-	-
MEL602	Machine Design I - Lab	B	Aditi Pimpale	Target Level	3.00	-	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.53	-	2.53	-	-	-	-	-	-	-	-	-
MEC604	Refrigeration and Air Conditioning	B	Manojkumar Yadav	Target Level	2.17	3.00	3.00	-	-	3.00	3.00	-	-	-	-	-
				Attainment Level	2.09	2.09	2.09	-	-	2.09	2.09	-	-	-	-	-
MEL604	Refrigeration and Air Conditioning - Lab	B	Manojkumar Yadav	Target Level	2.17	2.50	3.00	-	-	-	-	-	-	-	3.00	3.00
				Attainment Level	2.97	2.97	2.97	-	-	-	-	-	-	-	2.97	2.97
MEDLO6021	Mechatronics	B	Henisha Raut	Target Level	3.00	2.75	1.00	-	-	-	-	-	-	-	-	-
				Attainment Level	1.29	1.33	1.29	-	-	-	-	-	-	-	-	-
MEL605	Mechatronics - Lab	B	Henisha Raut	Target Level	3.00	1.50	2.00	-	3.00	-	-	-	-	-	3.00	-
				Attainment Level	2.94	2.93	2.96	-	2.96	-	-	-	-	-	2.94	-
MEC603	Finite Element Analysis	B	Shreeyesh Kutty	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.79	2.79	2.79	-	-	-	-	-	-	-	-	-
MEC601	Finite Element Analysis - Lab	B	Shreeyesh Kutty	Target Level	3.00	3.00	3.00	-	-	-	-	-	3.00	3.00	-	3.00
				Attainment Level	2.98	2.97	2.97	-	-	-	-	-	2.97	2.97	-	2.97
Semester VII																
MEC701	Machine Design -II	A	Suneet Mehta	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	0.41	0.41	0.41	-	-	-	-	-	-	-	-	-
MEC702	CAD/CAM/CAE	A	Pratik raut	Target Level	3.00	3.00	3.00	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.89	2.95	2.82	-	2.87	-	-	-	-	-	-	-
MEC703	Mechanical Utility Systems	A	Rajkumar Devkar	Target Level	2.33	2.25	2.00	2.50	-	-	2.00	-	-	-	-	-
				Attainment Level	1.18	1.18	1.18	1.20	-	-	1.13	-	-	-	-	-
MEC704	Production Planning and Control	A	Chinmay Pingulkar	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.89	2.89	-	-	2.99	-	-	-	-	-	-	-
MEE7019	Operations Research	A	Priyank Vartak	Target Level	3.00	3.00	-	2.00	3.00	-	-	-	-	-	-	-





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				Attainment Level	1.22	1.22	-	1.22	1.28	-	-	-	-	-	-	-
MEC701	Machine Design -II	B	Suneet Mehta	Target Level	3.00	2.00	3.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.84	2.84	2.84	-	-	-	-	-	-	-	-	-
MEC702	CAD/CAM/CAE	B	Tejas Chaudhari	Target Level	3.00	3.00	3.00	-	2.00	-	-	-	-	-	-	-
				Attainment Level	2.06	2.04	2.05	-	2.08	-	-	-	-	-	-	-
MEC703	Mechanical Utility Systems	B	Rajkumar Devkar	Target Level	2.33	2.25	2.00	2.50	-	-	2.00	-	-	-	-	-
				Attainment Level	2.09	2.08	2.08	2.06	-	-	2.02	-	-	-	-	-
MEC704	Production Planning and Control	B	Chinmay Pingulkar	Target Level	3.00	3.00	-	-	3.00	-	-	-	-	-	-	-
				Attainment Level	2.89	2.89	-	-	2.99	-	-	-	-	-	-	-
MEE7019	Operations Research	B	Priyank Vartak	Target Level	3.00	3.00	-	2.00	3.00	-	-	-	-	-	-	-
				Attainment Level	1.34	1.34	-	1.34	1.39	-	-	-	-	-	-	-
MEP701	Project I	A & B	Priyank Vartak / Pratik Raut	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	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Semester VIII																
MEC801	Design of Mechanical Systems	A	Aniket Deshmukh	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.90	2.90	2.91	-	-	-	-	-	-	-	-	2.87
MEC802	Industrial Engineering and Management	A	Chinmay Pingulkar	Target Level	3.00	3.00	-	2.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.88	2.88	-	2.88	2.85	-	-	-	-	-	-	-
MEC803	Refrigeration and Air Conditioning	A	Omkar Joshi	Target Level	3.00	-	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.94	-	2.98	-	-	-	-	-	-	-	-	-
MEE8022	Renewable Energy Sources	A	Rajkumar Devkar	Target Level	-	3.00	2.00	2.25	2.00	1.50	2.00	1.50	-	1.00	-	-
				Attainment Level	-	2.91	2.91	2.91	2.92	2.94	2.92	2.92	-	2.95	-	-
MEC801	Design of Mechanical Systems	B	Suneet Mehta	Target Level	3.00	3.00	3.00	-	-	-	-	-	-	-	-	1.00
				Attainment Level	2.89	2.89	2.87	-	-	-	-	-	-	-	-	2.98
MEC802	Industrial Engineering and Management	B	Chinmay Pingulkar	Target Level	3.00	3.00	-	2.00	3.00	-	-	-	-	-	-	-
				Attainment Level	2.93	2.93	-	2.93	2.98	-	-	-	-	-	-	-
MEC803	Refrigeration and Air Conditioning	B	Pratik Raut	Target Level	3.00	-	2.00	-	-	-	-	-	-	-	-	-
				Attainment Level	2.99	-	2.98	-	-	-	-	-	-	-	-	-
MEE8022	Renewable Energy Sources	B	Tejas Chaudhari	Target Level	3.00	3.00	2.00	-	-	-	-	-	-	-	1.00	-





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			Attainment Level	2.84	2.87	2.83	-	-	-	-	-	-	-	2.84	-
MEP802	Project II	All	Priyank Vartak / Pratik Raut	Target Level	3.00	3.00	3.00	3.00	3.00	2.00	2.00	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





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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	2.79	2.79	-	2.77	2.82	-	-	-	-	-	-	-
MSEDLO 1012	World Class Manufacturing	-	Dr. Arunkumar	Target Level	3.00	-	-	3.00	-	3.00	-	-	-	-	-	-
				Attainment Level	2.98	-	-	2.98	-	2.98	-	-	-	-	-	-
MSEC 101	Product Design & Development	-	Niyati Raut	Target Level	3.00	2.00	-	1.50	1.00	2.00	-	2.00	-	-	-	-
				Attainment Level	2.99	2.99	-	2.99	3.00	2.98	-	2.98	-	-	-	-
ILO 1014	Design Of Experiment	-	Dr. Arunkumar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.39	1.39	1.39	1.39	-	-	-	-	-	-	-	-
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	2.74	2.69	2.69	-	-	-	-	-	-	-	-	-
ILO2026	Research Methodology	-	Niyati Raut	Target Level	3.00	3.00	-	2.50	-	-	-	-	-	-	-	-
				Attainment Level	2.99	2.99	-	2.99	-	-	-	-	-	-	-	-
MSEC203	Adavance Quntitative Technique	-	Dr. Arunkumar	Target Level	3.00	3.00	3.00	3.00	-	-	-	-	-	-	-	-
				Attainment Level	1.37	1.37	1.37	1.37	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	2.98





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CO Attainment

Humanities and Applied Sciences

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester I						
FEC101	Applied Mathematics-I	-	Shiksha Singh	CO 1	2.50	1.36
				CO 2	2.50	1.34
				CO 3	2.50	1.52
				CO 4	2.33	1.34
				CO 5	2.50	1.40
				CO 6	2.50	1.30
FEC102	Applied Physics-I	-	Dr.Ajazul Haque/ Deepak Dubey	CO 1	3.00	1.73
				CO 2	2.00	1.85
				CO 3	2.50	1.72
				CO 4	3.00	1.81
FEC103	Applied Chemistry-I	-	Manju Mishra	CO 1	3.00	2.65
				CO 2	3.00	2.73
				CO 3	3.00	2.69
				CO 4	2.75	2.68
				CO 5	3.00	2.76
FEC104	Engineering Mechanics	-	Sushil Mishra	CO 1	2.33	2.29
				CO 2	2.66	2.73
				CO 3	2.66	2.70
				CO 4	2.66	2.74
				CO 5	2.66	2.07
				CO 6	2.66	2.47
FEC105	Basic Electrical Engineering	-	Pratik Parsewar	CO 1	3.00	1.40





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				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
FEC106	EnvirnomentaI Studies	-	Bhavika Takur	CO 1	3.00	2.49
				CO 2	3.00	2.50
				CO 3	3.00	2.50
				CO 4	3.00	2.44
				CO 5	3.00	2.43
				CO 6	3.00	2.39
FEL101	Basic Workshop practice-I	-	Sachin Patil	CO 1	2.00	0.59
				CO 2	2.00	0.59
				CO 3	2.00	0.59
				CO 4	2.00	0.59
				CO 5	2.00	0.59
				CO 6	2.00	0.59
Semester II						
FEC201	Applied Maths-II	-	Dr.Jayesh Jain/ Bhagyashree Netke	CO 1	2.00	1.32
				CO 2	1.75	1.22
				CO 3	2.00	1.28
				CO 4	2.00	1.20
				CO 5	2.25	1.32
				CO 6	2.25	1.24
FEC202	Applied Physics-II	-	Dr.Ajazul Haque/ Deepak Dubey	CO 1	3.00	1.92
				CO 2	2.00	2.01
				CO 3	2.50	1.89
				CO 4	3.00	1.63
FEC203	Applied Chemistry-II	-	Manju Mishra	CO 1	3.00	2.86





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				CO 2	3.00	2.87
				CO 3	3.00	2.84
				CO 4	3.00	2.86
				CO 5	3.00	2.88
FEC204	Engineering Drawing	-	Sushil Mishra	CO 1	3.00	2.52
				CO 2	3.00	2.42
				CO 3	3.00	2.45
				CO 4	3.00	2.48
				CO 5	3.00	2.48
				CO 6	3.00	2.50
FEC205	Structural programming and analysis	-	Reshma Choudhari/ Kritida Naik	CO 1	3.00	2.27
				CO 2	3.00	2.38
				CO 3	3.00	2.26
				CO 4	3.00	2.23
				CO 5	3.00	2.24
				CO 6	3.00	2.22
FEC206	Communication Skill	-	Trupti patil/ Prashant Pawar	CO 1	2.50	2.49
				CO 2	2.50	2.41
				CO 3	2.50	2.43
				CO 4	2.50	2.44
				CO 5	2.50	2.46
				CO 6	2.50	2.40
FEL201	Basic Workshop-II	-	Sachin Patil	CO 1	2.00	0.59
				CO 2	2.00	0.59
				CO 3	2.00	0.59
				CO 4	2.00	0.59
				CO 5	2.00	0.59
				CO 6	2.00	0.58





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Civil Engineering

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester III						
CEC301	Applied Mathematics III	A	Jayesh Jain	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
CEC302	Surveying – I	A	Meena Bhagat	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	3.00
				CO 4	3.00	2.60
				CO 5	3.00	2.80
				CO 6	3.00	3.00
CEC303	Strength of Materials	A	Prerana Patil	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	2.80
				CO 6	3.00	2.80
CEC304	Engineering Geology	A	Prachi Bari	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	2.80





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				CO 6	3.00	2.60
CEC305	Fluid Mechanics – I	A	Jimit Chotai	CO 1	2.00	1.20
				CO 2	2.00	1.20
				CO 3	2.00	1.20
				CO 4	2.00	1.20
				CO 5	2.00	1.20
				CO 6	2.00	1.20
CEC301	Applied Mathematics III	A	Jayesh Jain	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
CEC302	Surveying – I	A	Abhijit Wasave	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
				CO 6	3.00	2.50
CEC303	Strength of Materials	B	Prerana Patil	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.50
				CO 4	3.00	1.00
				CO 5	3.00	1.00
				CO 6	3.00	1.00
CEC304	Engineering Geology	B	Asmita Balke	CO 1	3.00	1.00
				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
CEC305	Fluid Mechanics – I	B	Prachi Bari	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	2.50	2.60
Semester IV						
CEC401	Applied Mathematics – IV	A	Ramashankar Prajapati	CO 1	2.50	2.60
				CO 2	2.50	2.60
				CO 3	2.50	2.60
				CO 4	2.50	2.60
				CO 5	2.50	2.60
				CO 6	3.00	3.00
CEC402	Surveying – II	A	Meena Bhagat	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	3.00
				CO 6	2.00	2.80
CEC403	Structural Analysis – I	A	Prerana 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





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CEC404	Building Design and Drawing –	A	Akshay Mistry	CO 1	3.00	3.00
				CO 2	3.00	2.00
				CO 3	3.00	2.50
				CO 4	3.00	3.00
				CO 5	3.00	2.80
				CO 6	3.00	2.80
CEC405	Building Materials & Construction Technology	A	Ghufran Khan	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
CEC406	Fluid Mechanics – II	A	Mayur Patel	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
CEC401	Applied Mathematics – IV	B	Ramashankar Prajapati	CO 1	2.80	3.00
				CO 2	2.80	3.00
				CO 3	2.83	3.00
				CO 4	2.80	3.00
				CO 5	2.80	3.00
				CO 6	2.80	3.00
CEC402	Surveying – II	B	Abhijit Wasave	CO 1	2.80	3.00
				CO 2	2.83	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00





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				CO 5	2.00	3.00
				CO 6	2.00	3.00
CEC403	Structural Analysis – I	B	Meena Bhagat	CO 1	2.75	3.00
				CO 2	2.75	2.93
				CO 3	2.75	2.90
				CO 4	2.66	2.90
				CO 5	2.75	3.00
				CO 6	2.75	2.90
CEC404	Building Design and Drawing –	B	Jimit Chotai	CO 1	2.70	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	2.40
CEC405	Building Materials & Construction Technology	B	Mayur Patel	CO 1	2.75	2.90
				CO 2	2.60	2.93
				CO 3	2.50	3.00
				CO 4	2.75	3.00
				CO 5	2.60	3.00
				CO 6	2.60	3.00
CEC406	Fluid Mechanics – II	B	Prachi Bari	CO 1	2.30	2.40
				CO 2	2.80	3.00
				CO 3	2.75	2.80
				CO 4	2.75	2.80
				CO 5	2.80	2.40
				CO 6	2.80	2.80
Semester V						
CEC501	Structural Analysis – II	A	Pratibha Patil	CO 1	2.75	2.80





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				CO 2	2.50	2.90
				CO 3	2.50	2.93
				CO 4	2.50	2.90
				CO 5	2.60	2.90
				CO 6	2.50	2.80
CEC502	Geotechnical Engineering – I	A	Ashish Shetty	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
CEC503	Applied Hydraulics	A	Mayur Patel	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	3.00
				CO 4	3.00	2.60
				CO 5	3.00	2.80
				CO 6	3.00	3.00
CEC504	Environmental Engineering -I	A	Purva Awari	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	2.80
				CO 6	3.00	2.80
CEC505	Transportation Engineering – I	A	Yadnesh Patil	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	2.80





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				CO 6	3.00	2.60
CEDLO5062	Advanced Concrete Technology	A	Ghufran Khan	CO 1	2.00	1.20
				CO 2	2.00	1.20
				CO 3	2.00	1.20
				CO 4	2.00	1.20
				CO 5	2.00	1.20
				CO 6	2.00	1.20
CEC501	Structural Analysis – II	B	Prerana 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
CEC502	Geotechnical Engineering – I	B	Arathy Menon	CO 1	2.00	0.59
				CO 2	2.00	0.59
				CO 3	2.00	0.59
				CO 4	2.00	0.59
				CO 5	2.00	0.59
				CO 6	2.00	0.59
CEC503	Applied Hydraulics	B	Ashish Shetty	CO 1	2.00	1.32
				CO 2	1.75	1.22
				CO 3	2.00	1.28
				CO 4	2.00	1.20
				CO 5	2.25	1.32
				CO 6	2.25	1.24
CEC504	Environmental Engineering -I	B	Prashant Gondane	CO 1	3.00	1.92
				CO 2	2.00	2.01
				CO 3	2.50	1.89





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				CO 4	3.00	1.63
				CO 5	3.00	2.86
				CO 6	3.00	2.87
CEC505	Transportation Engineering – I	B	Vishal Urade	CO 1	3.00	2.84
				CO 2	3.00	2.86
				CO 3	3.00	2.88
				CO 4	3.00	2.52
				CO 5	3.00	2.42
				CO 6	3.00	2.45
CEDLO5062	Advanced Concrete Technology	B	Mayur Patel	CO 1	3.00	2.48
				CO 2	3.00	2.48
				CO 3	3.00	2.50
				CO 4	3.00	2.27
				CO 5	3.00	2.38
				CO 6	3.00	2.26
Semester VI						
CEC601	Design and Drawing of Steel Structures	A	Prerana Patil	CO 1	3.00	2.23
				CO 2	3.00	2.24
				CO 3	3.00	2.22
				CO 4	2.50	2.49
				CO 5	2.50	2.41
				CO 6	2.50	2.43
CEC602	Water Resource Engineering –I	A	Asmita Balke	CO 1	2.50	2.44
				CO 2	2.50	2.46
				CO 3	2.50	2.40
				CO 4	2.50	2.40
				CO 5	2.50	2.40
				CO 6	2.50	2.40





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CEC603	Geotechnical Engineering. – II	A	Ashish Shetty	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
CEC604	Environmental Engineering. – II	A	Akshay Naik	CO 1	3.00	2.86
				CO 2	3.00	2.87
				CO 3	3.00	2.84
				CO 4	3.00	2.86
				CO 5	3.00	2.88
				CO 6	3.00	2.52
CEC605	TRANSPORTATION ENGG	A	Yadnesh Patil	CO 1	3.00	2.42
				CO 2	3.00	2.45
				CO 3	3.00	2.48
				CO 4	3.00	2.48
				CO 5	3.00	2.50
				CO 6	3.00	2.27
CEDLO6061	Advanced Construction Equipment	A	Prashant Gondane	CO 1	3.00	2.38
				CO 2	3.00	2.26
				CO 3	3.00	2.23
				CO 4	3.00	2.24
				CO 5	3.00	2.22
				CO 6	3.00	2.22
CEC601	Design and Drawing of Steel Structures	B	Abhijit Wasave	CO 1	3.00	1.73
				CO 2	2.00	1.85
				CO 3	2.50	1.72
				CO 4	3.00	1.81





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				CO 5	3.00	2.65
				CO 6	3.00	2.73
CEC602	Water Resource Engineering –I	B	Prachi Bari	CO 1	3.00	2.69
				CO 2	2.75	2.68
				CO 3	3.00	2.76
				CO 4	2.33	2.29
				CO 5	2.66	2.73
				CO 6	2.66	2.70
CEC603	Geotechnical Engineering. – II	B	Jimit Chotai	CO 1	2.66	2.74
				CO 2	2.66	2.07
				CO 3	2.66	2.47
				CO 4	2.66	2.47
				CO 5	2.66	2.47
				CO 6	2.66	2.47
CEC604	Environmental Engineering. – II	B	Akshay Naik	CO 1	2.50	3.01
				CO 2	2.50	2.99
				CO 3	2.50	2.99
				CO 4	2.50	3.00
				CO 5	2.50	3.01
				CO 6	2.50	3.01
CEC605	Transportation engg	B	Vishal Urade	CO 1	3.00	2.75
				CO 2	3.00	2.88
				CO 3	3.00	2.89
				CO 4	3.00	2.92
				CO 5	3.00	2.97
				CO 6	3.00	2.87
CEDLO6061	Advanced Construction Equipment	B	Vishal Urade	CO 1	3.00	2.97
				CO 2	2.67	2.97





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				CO 3	2.67	2.83
				CO 4	2.67	2.84
				CO 5	2.67	2.86
				CO 6	2.67	2.90
Semester VII						
CEC701	Quantity Survey Estimation and Valuation	A	Ramya Raju	CO 1	3.00	2.60
				CO 2	3.00	2.00
				CO 3	3.00	1.00
				CO 4	3.00	2.60
				CO 5	3.00	2.60
				CO 6	3.00	2.00
CEC702	Limit state method of rc Structures	A	Akshay Mistry	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
CEC703	Irrigation Engineering	A	Lissy Jose	CO 1	2.00	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	2.00	1.40
CEDLO7042	Enviroinmental engg II	A	Monica More	CO 1	2.00	1.00
				CO 2	3.00	1.40
				CO 3	3.00	1.40
				CO 4	2.00	1.40
				CO 5	2.00	1.40





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				CO 6	2.00	1.40
ILO7017	Solid Waste management Measures	A	Akshay Naik	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
CEC701	Quantity Survey Estimation and Valuation	B	Prashant Gondane	CO 1	2.00	1.20
				CO 2	2.00	1.40
				CO 3	2.00	1.40
				CO 4	2.00	1.40
				CO 5	2.00	1.20
				CO 6	2.00	1.40
CEC702	Limit state method of rc Structures	B	Abhijit Wasave	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
CEC703	Irrigation Engineering	B	Asmita Balke	CO 1	3.00	2.80
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
					3.00	3.00
CEDLO7042	Envoirnmental engg II	B	Purva Awari	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	2.00	1.20





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				CO 4	2.00	1.40
				CO 5	3.00	1.40
				CO 6	3.00	1.20
ILO7017	Solid Waste management Measures	B	Yadnesh Patil	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
CEP705	Project – Part I	A & B	Yadnesh Patil	CO 1	3.00	1.40
				CO 2	3.00	1.20
				CO 3	3.00	1.40
				CO 4	3.00	1.40
				CO 5	3.00	1.40
				CO 6	3.00	1.40
Semester VIII						
CEC801	Design and Drawing of Reinforced Concrete Structures	A	Pratibha Patil	CO 1	3.00	2.20
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	2.20
				CO 5	3.00	2.00
				CO 6	3.00	2.20
CEC802	Construction Management	A	Monica More	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	2.60	2.80





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CEDLO8032	Industrial Waste Treatment	A	Akshay Naik	CO 1	2.50	1.36
				CO 2	2.50	1.35
				CO 3	2.50	1.34
				CO 4	2.50	1.35
				CO 5	2.50	1.28
				CO 6	2.50	1.37
CEDLO8032	construction engg	A	Prashant Gondane	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
CEP804	Project – Part II	A	Akshay Naik	CO 1	3.00	3.00
				CO 2	3.00	2.60
				CO 3	3.00	2.60
				CO 4	3.00	3.00
				CO 5	3.00	2.60
				CO 6	3.00	2.60
CEC801	Design and Drawing of Reinforced Concrete Structures	B	Akshay Mistry	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
CEC802	Construction Management	B	Lissy Jose	CO 1	3.00	1.20
				CO 2	3.00	1.20
				CO 3	3.00	1.40
				CO 4	3.00	1.20





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				CO 5	3.00	1.00
				CO 6	3.00	1.40
CEDLO8032	Industrial Waste Treatment	B	Purva Awari	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	3.00	1.20
				CO 4	3.00	1.20
				CO 5	3.00	1.20
				CO 6	3.00	0.60
CEDLO8032	construction engg	B	Ghufran Khan	CO 1	3.00	0.40
				CO 2	3.00	0.60
				CO 3	3.00	0.40
				CO 4	3.00	0.60
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CEP804	Project – Part II	A& B	Akshay Naik	CO 1	3.00	2.60
				CO 2	3.00	2.80
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	2.91
				CO 6	3.00	2.90





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Computer Engineering

Course Code	Subject	Div.	Faculty Name	CO	Target Level	Attainment Level
Semester III						
CSC301	Applied Mathematics-III	-	Yogendra Vishwakarma	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	Digital Logic Design and Analysis	-	Vinit Raut	CO 1	3.00	0.40
				CO 2	3.00	0.40
				CO 3	2.00	0.60
				CO 4	2.00	0.40
				CO 5	2.00	0.60
CSC303	Discrete Mathematics	-	Akshata Raut	CO 1	3.00	0.60
				CO 2	3.00	0.60
				CO 3	3.00	0.60
				CO 4	2.00	0.60
				CO 5	3.00	0.40
				CO 6	2.00	0.40
CSC304	Electronic Circuits and Communication Fundamentals	-	Saniket Kudoo	CO 1	3.00	0.40
				CO 2	3.00	0.20
				CO 3	3.00	0.40
				CO 4	3.00	0.20
CSC305	Data Structures	-	Monali Pimpale	CO 1	3.00	0.60
				CO 2	3.00	0.60
				CO 3	3.00	0.60





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				CO 4	3.00	0.40
				CO 5	3.00	0.60
CSL301	Digital 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
CSL302	Basic Electronics Lab	-	Saniket Kudoo	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	2.00	3.00
CSL303	Data structure Lab	-	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
CSL304	OOPM(Java) Lab	-	Dnyaneshwar Bhabad	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						
CSC401	Applied Mathematics-IV	-	Bhagyashree Netake	CO 1	3.00	1.00
				CO 2	3.00	1.20
				CO 3	3.00	1.20
				CO 4	3.00	1.20
				CO 5	3.00	1.20
				CO 6	3.00	1.20
CSC402	Analysis of Algorithm	-	Pallavi Vartak / Vinit Raut	CO 1	3.00	0.40





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				CO 2	3.00	0.60
				CO 3	3.00	0.60
				CO 4	3.00	0.40
				CO 5	3.00	0.40
				CO 6	2.00	0.40
CSC403	Computer Organization and Architecture	-	Vinit Raut	CO 1	3.00	2.20
				CO 2	3.00	2.20
				CO 3	3.00	2.20
				CO 4	3.00	2.20
CSC404	Computer Graphics	-	Reshma Chaudhari / 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
CSC405	Operating System	-	Janhavi Sangoi	CO 1	3.00	2.80
				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
CSL401	Analysis of Algorithms Lab	-	Dnyaneshwar Bhabad/ Akshata Raut	CO 1	3.00	2.40
				CO 2	3.00	2.60
				CO 3	3.00	2.40
				CO 4	3.00	2.40
				CO 5	3.00	2.40
				CO 6	2.00	2.60
CSL402	Computer Graphics 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





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				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL403	Processor Architecture 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
CSL404	Operating System Lab	-	Janhavi Sangoi	CO 1	3.00	3.00
				CO 2	3.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
CSL405	Open Source Tech Lab	-	Dnyaneshwar Bhabad	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
Semester V						
CSC501	Microprocessor	-	Umesh Mohite	CO 1	3.00	0.40
				CO 2	3.00	0.20
				CO 3	3.00	0.20
				CO 4	3.00	0.20
				CO 5	3.00	0.20
				CO 6	3.00	0.20
CSC502	Database Management System	-	Sunita Naik	CO 1	3.00	2.80
				CO 2	2.00	2.80
				CO 3	3.00	2.80
				CO 4	3.00	3.00





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CSC503	Computer Network	-	Pratiksha Deshmukh	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
CSC504	Theory of Computer Science	-	Bhavika Thakur	CO 1	3.00	2.82
				CO 2	3.00	2.82
				CO 3	3.00	2.81
				CO 4	3.00	2.78
				CO 5	3.00	2.78
				CO 6	2.00	2.79
CSDLO5011	Multimedia System	-	Pallavi Vartak	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
CSL501	Microprocessor Lab	-	Umesh Mohite	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CSL502	Computer Network Lab	-	Pratiksha Deshmukh	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
CSL503	Database & Info. System Lab	-	Sunita Naik	CO 1	3.00	2.50





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				CO 2	3.00	2.50
				CO 3	3.00	2.50
				CO 4	3.00	2.50
CSL504	Web Design Lab	-	Akshata Raut	CO 1	3.00	2.40
				CO 2	3.00	2.40
				CO 3	3.00	2.40
				CO 4	3.00	2.40
				CO 5	3.00	2.40
				CO 6	3.00	2.40
CSL505	Business Comm. & Ethics	-	Avinash Pawar	CO 1	3.00	0.20
				CO 2	2.00	0.40
				CO 3	3.00	0.60
				CO 4	3.00	0.60
				CO 5	2.00	0.40
Semester VI						
CSC601	Software Engineering	-	Pallavi Vartak	CO 1	3.00	2.80
				CO 2	3.00	2.60
				CO 3	3.00	2.80
				CO 4	3.00	2.80
				CO 5	3.00	2.60
				CO 6	3.00	2.60
CSC602	System Programming & Compiler Construction	-	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
CSC603	Data Warehousing & Mining	-	Monali Pimpale	CO 1	2.00	0.40
				CO 2	2.00	0.40
				CO 3	3.00	0.60
				CO 4	3.00	0.40





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				CO 5	3.00	0.60
				CO 6	2.00	0.40
CSC604	Cryptography & System Security	-	Umesh Mohite	CO 1	3.00	2.00
				CO 2	3.00	1.80
				CO 3	3.00	1.80
				CO 4	3.00	1.80
				CO 5	3.00	1.80
				CO 6	3.00	1.80
CSDLO6021	Machine Learning	-	Dnyaneshwar Bhabad	CO 1	3.00	1.00
				CO 2	3.00	1.00
				CO 3	2.00	1.20
				CO 4	3.00	1.20
				CO 5	3.00	1.20
				CO 6	3.00	1.20
CSL601	Software Engineering Lab	-	Pallavi Vartak	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
CSL602	System software Lab	-	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
CSL603	Data Warehousing & Mining Lab	-	Monali Pimpale	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.00
				CO 4	3.00	2.00
CSL604	System Security Lab	-	Umesh Mohite	CO 1	3.00	3.00
				CO 2	3.00	3.00





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				CO 3	3.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	3.00	3.00
				CO 7	3.00	3.00
CSP605	Mini-Project	-	Sunita Naik / Dr. Tatwadarshi P. N. /Umesh Mohite	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00
Semester VII						
CPC701	Digital Signal Processing	-	Reshma Chaudhari	CO 1	3.00	1.00
				CO 2	3.00	1.00
				CO 3	3.00	1.20
				CO 4	3.00	1.20
CPC702	Cryptography and System Security	-	Ashwini Save	CO 1	3.00	2.20
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	3.00	2.00
				CO 5	3.00	2.00
CPC703	Artificial Intelligence	-	Dr. Tatwadarshi P N	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	2.60
				CO 4	3.00	2.80
CPE7021	Advance Algorithms	-	Janhavi Sangoi	CO 1	3.00	2.60
				CO 2	3.00	2.60
				CO 3	2.00	2.60
				CO 4	3.00	2.60





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CPP701	Project I	-	Janhavi Sangoi	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
CPL701	Network Threats and Attacks Laboratory	-	Sunita Naik /Janhavi Sangoi /Dr. Tatwadarshi P N/ 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
Semester VIII						
CPC801	Data Warehouse and Mining	-	Ashwini Save	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	3.00
CPC802	Human Machine Interaction	-	Saniket Kudoo	CO 1	3.00	3.00
				CO 2	2.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CPC803	Parallel and distributed Systems	-	Sunita Naik	CO 1	3.00	3.00
				CO 2	2.00	3.00
				CO 3	3.00	2.80
				CO 4	3.00	3.00
				CO 5	2.00	3.00
CPE8031	Machine Learning	-	Dr. Tatwadarshi P N	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
CPP802	Project II	-	Janhavi Sangoi	CO 1	3.00	2.60





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				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
CPL801	Cloud Computing Laboratory	-	Pallavi Raut / Janhavi Sangoi/ Vinit Raut	CO 1	2.00	3.00
				CO 2	3.00	3.00
				CO 3	2.00	3.00
				CO 4	3.00	3.00





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Electrical Engineering

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester III						
EEC301	Applied Mathematics - III	-	Shiksha Singh	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	2.80
EEC302	Electronics Devices and Circuits	-	Bhushan Save	CO 1	3.00	1.40
				CO 2	3.00	1.20
				CO 3	3.00	1.00
				CO 4	3.00	1.40
				CO 5	3.00	1.40
				CO 6	3.00	1.20
EEC303	Conventional and Non-Conventional Power Generation	-	Chitralekha Vangala	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
EEC304	Electrical and Electronics Measurement	-	Bhavita Patil	CO 1	3.00	2.80
				CO 2	3.00	2.80
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	2.80
				CO 6	3.00	3.00





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EEC305	Electrical Machine - I	-	Mukeshkumar Mishra	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
EEL301	Electrical and Electronics Measurement Lab	-	Bhavita Patil	CO 1	3.00	3.00
				CO 2	3.00	2.50
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	1.50
				CO 6	3.00	3.00
EEL302	Object Oriented Programming and Methodology Lab	-	Pallavi Vartak	CO 1	2.00	2.00
				CO 2	3.00	2.20
				CO 3	3.00	2.20
				CO 4	3.00	2.20
				CO 5	3.00	2.20
				CO 6	3.00	3.00
EEL303	Electronics Lab - I	-	Bhushan 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
EEL304	Electrical Machine Lab - I	-	Mukeshkumar Mishra	CO 1	3.00	3.00
				CO 2	3.00	2.50
				CO 3	3.00	3.00
Semester IV						
EEC401	Applied Mathematics -IV	-	Shiksha Singh	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	2.80
EEC402	Power System - I	-	Prajakta Patil	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
EEC403	Electrical Machines – II	-	Kavita Mhaskar	CO 1	3.00	2.60
				CO 2	3.00	2.80
				CO 3	3.00	2.60
				CO 4	3.00	3.00
				CO 5	3.00	2.80
				CO 6	3.00	2.60
EEC404	Electromagnetic Field and wave Theory	-	Bhavita Patil	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
EEC405	Analog and Digital Integrated Circuits	-	Bhushan Save	CO 1	3.00	2.20
				CO 2	3.00	2.20
				CO 3	3.00	2.20
				CO 4	3.00	2.20
				CO 5	2.00	2.20
				CO 6	3.00	2.20
EEC406	Electrical Network	-	Mukeshkumar Mishra	CO 1	3.00	1.40
				CO 2	2.00	1.40





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				CO 3	3.00	1.40
				CO 4	2.00	1.40
				CO 5	2.00	1.40
				CO 6	2.00	1.40
EEL401	Simulation Lab - I	-	Bhavita 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
EEL402	Electrical Machines Lab - II	-	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	2.00
EEL403	Electronics Lab II	-	Bhushan 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	2.50
EEL404	Electrical Workshop	-	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
Semester V						
EEC501	Power System - 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





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				CO 6	3.00	2.80
EEC502	Electrical Machines - III	-	Anojkumar Yadav	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	1.00
				CO 6	3.00	1.40
EEC503	Control System - I	-	Chitralekha Vangala	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	3.00	1.20
				CO 4	3.00	1.20
				CO 5	3.00	1.20
EEC504	Power Electronics	-	Sushantkumar	CO 1	3.00	0.60
				CO 2	3.00	0.40
				CO 3	3.00	0.60
				CO 4	3.00	0.40
				CO 5	3.00	0.60
EEDLO5013	Utilization of Electrical Energy	-	Kavita Mhaskar	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	2.60
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEL501	Business Communication and Ethics	-	Avinash Pawar	CO 1	3.00	2.91
				CO 2	3.00	2.90
				CO 3	3.00	2.89
				CO 4	3.00	2.90
				CO 5	3.00	2.91
EEL502	Control System Lab	-	Chitralekha Vangala	CO 1	3.00	3.00





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				CO 2	3.00	2.50
				CO 3	3.00	3.00
EEL503	Electrical Machines Lab - III	-	Anojkumar Yadav	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	2.00	1.50
EEL504	Power Electronics Lab	-	Sushantkumar	CO 1	3.00	1.00
				CO 2	3.00	2.00
				CO 3	3.00	1.00
				CO 4	3.00	2.00
				CO 5	3.00	2.00
Semester VI						
EEC601	Protection and Switchgear Engineering	-	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	3.00
				CO 6	3.00	3.00
EEC602	Electrical Machines - IV	-	Piyali Mondal	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	3.00	3.00
				CO 6	3.00	3.00
EEC603	Signal Processing	-	Chitrakleha Vangala	CO 1	3.00	2.00
				CO 2	2.00	2.20
				CO 3	2.00	2.20
				CO 4	3.00	2.20
				CO 5	3.00	2.20





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				CO 6	3.00	2.20
EEC604	Microcontroller and its Applications	-	Ashwini Haryan	CO 1	3.00	2.20
				CO 2	2.00	1.80
				CO 3	2.00	1.80
				CO 4	2.00	2.20
				CO 5	2.00	2.20
				CO 6	2.00	2.00
EEC605	Control System - II	-	Sushantkumar	CO 1	3.00	2.20
				CO 2	3.00	1.80
				CO 3	3.00	1.80
				CO 4	3.00	2.00
				CO 5	3.00	1.80
				CO 6	3.00	2.20
EEDLO6022	Micro-grid	-	Anojkumar Yadav	CO 1	3.00	1.40
				CO 2	3.00	1.40
				CO 3	3.00	1.40
				CO 4	3.00	1.00
				CO 5	3.00	1.00
				CO 6	3.00	1.00
EEL601	Electrical Protection Lab	-	Sunil Suknale	CO 1	3.00	2.50
				CO 2	3.00	3.00
				CO 3	3.00	3.00
EEL602	Electrical Machines Lab - IV	-	Piyali Mondal	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
EEL603	Microcontroller Lab	-	Ashwini Haryan	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00





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EEL604	Simulation Lab – II	-	Chitralekha Vangala	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	2.00
Semester VII						
EEC701	Power System Operation and Control	-	Kavita Mhaskar	CO 1	3.00	2.80
				CO 2	3.00	3.00
				CO 3	3.00	2.60
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	3.00	3.00
EEC702	High Voltage DC Transmission	-	Rahul Abhyankar	CO 1	3.00	1.40
				CO 2	2.00	1.40
				CO 3	3.00	1.20
				CO 4	2.00	1.40
				CO 5	3.00	1.40
				CO 6	3.00	1.40
EEC703	Electrical Machine Design	-	Piyali Mondal	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
EEC704	Control System- II	-	Sushantkumar	CO 1	3.00	2.60
				CO 2	3.00	3.00
				CO 3	3.00	2.60
				CO 4	3.00	2.80
				CO 5	3.00	3.00
				CO 6	3.00	3.00





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EEC705	High Voltage Engineering	-	Pratik Mahale	CO 1	3.00	2.60		
				CO 2	3.00	2.60		
				CO 3	3.00	2.60		
				CO 4	3.00	2.80		
				CO 5	3.00	2.80		
EEC706	Project - I	-	Pratik Mahale	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							3.00	3.00
Semester VIII								
EEC801	Design, Management and Auditing of Electrical System	-	Pratik Mahale	CO 1	3.00	2.60		
				CO 2	3.00	2.60		
				CO 3	3.00	2.60		
				CO 4	3.00	2.80		
				CO 5	3.00	2.60		
CO 6							3.00	2.80
EEC802	Drives and Control	-	Anojkumar Yadav	CO 1	3.00	2.40		
				CO 2	3.00	2.40		
				CO 3	3.00	2.40		
				CO 4	3.00	2.40		
				CO 5	3.00	2.60		
CO 6							3.00	2.40
EEC803	Power System Planning and Reliability	-	Rahul Abhyankar	CO 1	3.00	3.00		
				CO 2	3.00	2.80		
				CO 3	3.00	2.80		
				CO 4	3.00	2.60		
				CO 5	3.00	2.80		





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				CO 6	3.00	2.80
EEC804	Flexible AC Transmission System	-	Sunil Suknale	CO 1	2.00	2.20
				CO 2	2.00	2.20
				CO 3	2.00	2.20
				CO 4	2.00	2.20
				CO 5	2.00	2.20
				CO 6	2.00	2.20
EEC805	Project-II	-	Pratik Mahale	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 and Telecommunication Engineering

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester III						
ECC301	Applied Mathematics-III	-	Bhagyashree Netke	CO 1	2.00	1.20
				CO 2	2.00	1.20
				CO 3	3.00	1.20
				CO 4	2.00	1.30
				CO 5	2.50	1.30
				CO 6	2.25	1.25
ECC302	Electronic Devices & Circuits-I	-	Shoeb Shaikh	CO 1	2.00	1.40
				CO 2	2.00	1.35
				CO 3	2.00	1.40
				CO 4	2.00	1.35
				CO 5	2.00	1.40
				CO 6	2.00	1.30
ECC303	Digital System Design	-	Madhura Ranade / Kaustubha Gawas	CO 1	2.00	2.90
				CO 2	3.00	2.85
				CO 3	1.00	2.90
				CO 4	3.00	2.90
				CO 5	2.00	2.90
				CO 6	1.00	2.90
ECC304	Circuit Theory and Networks	-	Ameys Purandare	CO 1	3.00	1.37
				CO 2	2.00	1.37
				CO 3	2.00	1.40
				CO 4	2.00	1.40
				CO 5	2.00	1.37





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				CO 6	2.00	1.37
ECC305	Electronic Instrumentation & Control Systems	-	Kushal Suvarna	CO 1	2.33	1.33
				CO 2	2.00	1.33
				CO 3	2.00	1.33
				CO 4	2.50	1.33
				CO 5	2.50	1.27
				CO 6	2.50	1.30
ECL301	Electronic Devices & Circuits-I 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 / Kaustubha Gawas	CO 1	2.00	3.00
				CO 2	3.00	3.00
				CO 3	1.00	3.00
				CO 4	3.00	3.00
				CO 5	2.00	3.00
				CO 6	1.00	3.00
ECL303	OOP using JAVA Lab	-	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
Semester IV						
ECC401	Applied Mathematics-IV	-	Bhagyashree Netke	CO 1	3.00	2.10
				CO 2	3.00	2.05





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				CO 3	3.00	2.10
				CO 4	3.00	2.10
				CO 5	3.00	2.00
				CO 6	2.50	2.05
ECC402	Electronic Devices & Circuits-II	-	Shoeb Shaikh	CO 1	2.00	2.20
				CO 2	2.00	2.10
				CO 3	2.00	2.00
				CO 4	2.00	2.20
				CO 5	2.00	2.20
				CO 6	2.00	2.20
ECC403	Linear Integrated Circuits	-	Kushal Suvarna / Pratik Parsewar	CO 1	2.66	1.35
				CO 2	2.66	1.40
				CO 3	2.66	1.40
				CO 4	2.66	1.35
				CO 5	2.66	1.40
				CO 6	2.66	1.40
ECC404	Signals & Systems	-	Archana Ingle	CO 1	1.40	0.54
				CO 2	2.00	0.54
				CO 3	2.80	0.57
				CO 4	2.80	0.56
				CO 5	2.80	0.45
				CO 6	2.80	0.56
ECC405	Principles of Communication Engineering	-	Ashwini Haryan / Ameya Purandare	CO 1	2.00	1.30
				CO 2	2.00	1.25
				CO 3	2.00	1.20
				CO 4	2.00	1.30
				CO 5	2.00	1.30
				CO 6	2.00	1.30





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ECL401	Electronic Devices & Circuits-II 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
ECL402	Linear Integrated Circuits Lab	-	Kushal Suvarna / Pratik Parsewar	CO 1	2.66	3.00
				CO 2	2.66	3.00
				CO 3	2.66	3.00
				CO 4	2.66	3.00
				CO 5	2.66	3.00
ECL403	Principles of Communication Engineering Lab	-	Ashwini Haryan / Ameya Purandare	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 V						
ECC501	Microprocessor & Peripherals Interfacing	-	Nutan Malekar	CO 1	2.00	1.40
				CO 2	2.00	1.40
				CO 3	2.00	1.30
				CO 4	2.00	1.30
				CO 5	2.00	1.30
				CO 6	2.00	1.40
ECC502	Digital Communication	-	Madhura Ranade	CO 1	2.00	1.30
				CO 2	3.00	1.35
				CO 3	2.00	1.40
				CO 4	1.00	1.35
				CO 5	2.00	1.30
				CO 6	2.50	1.20





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ECC503	Electromagnetic Engineering	-	Mohini Ghotekar	CO 1	2.00	1.33
				CO 2	2.00	1.27
				CO 3	2.00	1.27
				CO 4	2.00	1.27
				CO 5	2.00	1.33
				CO 6	2.00	1.33
ECC504	Discrete Time Signal Processing	-	Shoeb Shaikh	CO 1	2.00	1.15
				CO 2	2.00	1.15
				CO 3	2.00	1.20
				CO 4	2.00	1.25
				CO 5	2.00	1.10
				CO 6	2.00	1.10
ECCDLO 5014	Data Compression and Encryption	-	Meena Perla	CO 1	2.00	2.10
				CO 2	2.00	2.05
				CO 3	2.00	1.95
				CO 4	2.00	2.10
				CO 5	2.00	2.05
				CO 6	2.00	1.90
ECL501	Microprocessor & Peripherals Interfacing Lab	-	Nutan Malekar	CO 1	2.00	2.50
				CO 2	2.00	2.50
				CO 3	2.00	2.50
				CO 4	2.00	2.50
ECL502	Digital Communication Lab	-	Madhura Ranade	CO 1	2.00	2.50
				CO 2	3.00	2.50
				CO 3	2.00	2.50
				CO 4	1.00	2.50
				CO 5	2.00	2.50
				CO 6	3.00	2.50





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ECL503	Business Communication & Ethics Lab	-	Prof. Avinash Pawar	CO 1	2.25	3.00
				CO 2	2.50	3.00
				CO 3	2.66	3.00
				CO 4	2.33	3.00
				CO 5	2.00	3.00
ECL504	Open Source Technology for Communication Lab	-	Ameya Purandare	CO 1	2.00	3.00
				CO 2	2.60	3.00
				CO 3	2.00	3.00
				CO 4	1.30	3.00
ECLDLO5014	Data Compression and Encryption 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
Semester VI						
ECC601	Microcontrollers & Applications	-	Nutan Malekar	CO 1	2.00	2.16
				CO 2	2.00	2.20
				CO 3	2.00	2.20
				CO 4	2.00	2.10
				CO 5	2.00	2.20
				CO 6	2.00	2.10
ECC602	Computer Communication Networks	-	Meena Perla	CO 1	2.25	1.35
				CO 2	2.25	1.30
				CO 3	3.00	1.30
				CO 4	2.00	1.20
				CO 5	3.00	1.30
				CO 6	3.00	1.20
ECC603	Antenna & Radio Wave Propagation	-	Ameya Purandare	CO 1	2.00	1.35





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				CO 2	2.00	1.20
				CO 3	2.00	1.30
				CO 4	2.00	1.40
				CO 5	2.00	1.20
				CO 6	2.00	1.20
ECC604	Image Processing and Machine Vision	-	Madhura Ranade	CO 1	2.00	1.40
				CO 2	1.50	1.30
				CO 3	2.00	1.40
				CO 4	2.50	1.30
				CO 5	2.00	1.25
				CO 6	2.00	1.40
ECCDLO 6023	Database Management System	-	Kushal Suvarna	CO 1	2.00	1.35
				CO 2	2.00	1.30
				CO 3	3.00	1.40
				CO 4	3.00	1.35
				CO 5	3.00	1.40
				CO 6	2.00	1.40
ECL601	Microcontrollers & Applications 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
ECL602	Computer Communication Networks Lab	-	Meena Perla	CO 1	1.75	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.25	3.00
ECL603	Antenna & Radio Wave Propagation Lab	-	Ameya Purandare	CO 1	2.00	3.00
				CO 2	2.00	3.00





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				CO 3	2.00	3.00
				CO 4	2.00	3.00
ECL604	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
ECLDLO 6023	Database Management System Lab	-	Kushal Suvarna	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	3.00	3.00
				CO 4	3.00	3.00
				CO 5	3.00	3.00
				CO 6	2.00	3.00
Semester VII						
ETC701	Image and Video Processing	-	Chitra Takle	CO 1	3.00	1.30
				CO 2	3.00	1.25
				CO 3	2.00	1.35
				CO 4	3.00	1.40
				CO 5	2.00	1.40
				CO 6	3.00	1.40
ETC702	Mobile Communication	-	Archana Ingle / Ameya Purandare	CO 1	1.67	1.26
				CO 2	3.00	1.26
				CO 3	2.00	1.20
				CO 4	2.50	1.30
				CO 5	2.33	1.30
				CO 6	2.75	1.16
ETC703		-	Kaustubha Gawas	CO 1	2.00	0.53
				CO 2	2.00	0.57





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	Optical Communication and Networks			CO 3	2.00	0.41
				CO 4	2.00	0.57
				CO 5	2.00	0.53
				CO 6	2.00	0.57
ETC704	Microwave and Radar Engineering	-	Mohini Ghotekar / Meena Perla	CO 1	2.00	1.05
				CO 2	2.00	1.00
				CO 3	2.00	1.20
				CO 4	2.00	1.20
				CO 5	2.00	1.00
				CO 6	2.00	1.00
ETE701	Data Compression and Encryption	-	Karishma Raut	CO 1	2.00	2.90
				CO 2	2.00	2.70
				CO 3	2.00	2.85
				CO 4	2.00	2.85
				CO 5	2.00	2.90
				CO 6	2.00	2.70
ETL701	Image and Video Processing Laboratory	-	Chitra Takle	CO 1	3.00	3.00
				CO 2	3.00	3.00
				CO 3	2.00	2.50
				CO 4	3.00	3.00
				CO 5	2.00	3.00
				CO 6	3.00	3.00
ETL702	Advanced communication Engineering. Laboratory I Mobile Communication System Lab	-	Archana Ingle / Ameya Purandare	CO 1	2.00	2.00
				CO 2	3.00	3.00
				CO 3	2.00	2.00
				CO 4	3.00	3.00
ETL703	Advanced communication	-	Kaustubha Gawas / Mohini	CO 1	2.00	3.00
				CO 2	2.00	3.00





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	Engineering. Laboratory II			CO 3	2.00	3.00
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ETEL701	Data Compression and Encryption Lab	-	Karishma Raut / 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
ETP 701	Project-I	-	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
Semester VIII						
ETC801	Wireless Networks	-	Mohini Ghotekar	CO 1	2.00	2.10
				CO 2	2.00	2.10
				CO 3	2.00	2.13
				CO 4	2.00	2.10
				CO 5	2.33	2.10
ETC802	Satellite communication and Networks	-	Chitra Takle	CO 1	2.00	3.00
				CO 2	2.00	2.90
				CO 3	3.00	2.95
				CO 4	2.00	3.00
				CO 5	2.00	3.00
				CO 6	2.00	3.00
ETC803	Internet and Voice Communication	-	Karishma Raut	CO 1	2.00	2.20
				CO 2	2.00	2.15
				CO 3	2.00	2.20





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				CO 4	2.00	2.10
				CO 5	2.00	2.10
				CO 6	2.00	2.20
ETE802	Telecom Network Management	-	Pratik Parsewar / Shoeb Shaikh	CO 1	2.00	1.20
				CO 2	2.00	1.05
				CO 3	2.00	1.15
				CO 4	2.00	1.20
				CO 5	2.00	1.20
				CO 6	2.00	1.20
ETL801	Wireless Networks Laboratory	-	Mohini Ghotekar	CO 1	1.50	3.00
				CO 2	1.33	3.00
				CO 3	1.50	3.00
				CO 4	1.50	3.00
ETL802	Satellite communication and Networks Laboratory	-	Chitra Takle	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	3.00	3.00
				CO 4	2.00	3.00
ETL803	Internet and Voice Communication Laboratory	-	Karishma Raut / 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
ETEL802	Telecom Network Management	-	Pratik Parsewar	CO 1	2.00	3.00
				CO 2	2.00	3.00
				CO 3	2.00	3.00
ETP801	Project (Stage 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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Mechanical Engineering

Course Code	Subject	Div	Faculty Name	CO	Target Level	Attainment Level
Semester III						
MEC301	Applied Mathematics III	A	Ramashankar Prajapati	CO 1	2.00	2.02
				CO 2	3.00	1.44
				CO 3	2.00	1.35
				CO 4	3.00	1.70
				CO 5	3.00	1.32
				CO 6	2.00	1.17
MEC302	Thermodynamics	A	Pramod Vishwakarma	CO 1	3.00	1.03
				CO 2	3.00	1.20
				CO 3	3.00	1.03
				CO 4	3.00	1.03
				CO 5	3.00	1.03
				CO 6	3.00	1.04
MEC303	Strength of Materials	A	Mansi Lakhani	CO 1	3.00	1.33
				CO 2	2.66	1.14
				CO 3	2.66	1.22
				CO 4	2.66	1.30
				CO 5	2.66	1.38
				CO 6	2.66	1.21
MEL302	Strength of Materials - Lab.	A	Mansi Lakhani	CO 1	3.00	2.82
				CO 2	3.00	2.82
				CO 3	3.00	2.98
				CO 4	3.00	2.91
				CO 5	3.00	2.74





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				CO 6	3.00	2.90
MEC304	Production Process- I	A	Varghese Koshy	CO 1	3.00	1.03
				CO 2	3.00	1.03
				CO 3	3.00	1.15
				CO 4	3.00	1.34
				CO 5	3.00	1.23
				CO 6	3.00	1.32
MEC305	Material Technology	A	Swapnil Raut	CO 1	3.00	1.38
				CO 2	3.00	1.38
				CO 3	2.50	1.27
				CO 4	2.00	1.38
				CO 5	2.50	1.21
				CO 6	3.00	1.21
MEL302	Material Technology-LAB	A	Swapnil Raut	CO 1	3.00	2.91
				CO 2	3.00	2.89
				CO 3	3.00	2.88
				CO 4	3.00	2.89
				CO 5	3.00	2.92
				CO 6	3.00	2.91
MEL301	Computer Aided Machine Drawing	A	Vinit Raut	CO 1	2.00	1.05
				CO 2	2.00	1.05
				CO 3	2.00	1.10
				CO 4	2.00	1.21
				CO 5	2.00	1.21
				CO 6	2.00	1.37
MEL304	Machine Shop Practice I	A	Ulhas Thakur	CO 1	2.00	0.09
				CO 2	2.00	0.09
				CO 3	2.00	0.08





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				CO 4	2.00	0.07
				CO 5	2.00	0.07
				CO 6	2.00	0.08
MEC301	Applied Mathematics III	B	Ramashankar Prajapati	CO 1	2.00	2.14
				CO 2	3.00	1.54
				CO 3	2.00	1.42
				CO 4	3.00	1.62
				CO 5	3.00	1.19
				CO 6	2.00	1.19
MEC302	Thermodynamics	B	Pramod Vishwakarma	CO 1	3.00	1.03
				CO 2	3.00	1.20
				CO 3	3.00	1.03
				CO 4	3.00	1.36
				CO 5	3.00	1.04
				CO 6	3.00	1.04
MEC303	Strength of Materials	B	Aditi Pimpale	CO 1	3.00	1.26
				CO 2	2.66	1.22
				CO 3	2.66	1.21
				CO 4	2.66	1.21
				CO 5	2.66	1.20
				CO 6	2.66	1.11
MEL302	Strength of Materials - LAB	B	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
MEC304	Production Process- I	B	Varghese Koshy	CO 1	3.00	1.03





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				CO 2	3.00	1.33
				CO 3	3.00	1.24
				CO 4	3.00	1.32
				CO 5	3.00	1.12
				CO 6	3.00	1.30
MEC305	Computer Aided M/c Drawing	B	Vinit Raut	CO 1	2.00	1.84
				CO 2	2.00	1.84
				CO 3	2.00	1.90
				CO 4	2.00	2.01
				CO 5	2.00	2.01
				CO 6	2.00	2.01
MEL302	Material Technology	B	Swapnil Raut	CO 1	3.00	1.32
				CO 2	3.00	1.38
				CO 3	2.50	1.15
				CO 4	2.00	1.37
				CO 5	2.50	1.21
				CO 6	3.00	1.37
MEL301	Material Technology - Lab	B	Swapnil Raut	CO 1	3.00	2.91
				CO 2	3.00	2.90
				CO 3	3.00	2.88
				CO 4	3.00	2.86
				CO 5	3.00	2.87
				CO 6	3.00	2.04
MEL304	Machine Shop Practice I	B	Ulhas Thakur	CO 1	2.00	0.09
				CO 2	2.00	0.09
				CO 3	2.00	0.08
				CO 4	2.00	0.07
				CO 5	2.00	0.07





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				CO 6	2.00	0.08
Semester IV						
MEC401	Applied Mathematics IV	A	Jayesh Jain	CO 1	2.33	1.36
				CO 2	2.00	1.12
				CO 3	2.00	1.12
				CO 4	2.00	1.20
				CO 5	2.00	1.34
				CO 6	2.00	1.32
MEC402	Fluid Mechanics	A	Chhaya Patil	CO 1	3.00	2.19
				CO 2	2.00	2.08
				CO 3	2.00	2.18
				CO 4	2.00	2.19
				CO 5	2.00	2.18
				CO 6	2.00	2.17
MEL402	Fluid Mechanics - Lab	A	Chhaya Patil	CO 1	2.66	2.98
				CO 2	2.66	2.98
				CO 3	2.66	2.99
				CO 4	2.66	2.99
				CO 5	2.66	2.99
				CO 6	2.66	2.90
MEC405	Kinematics of Machinery	A	Varghese Koshy	CO 1	3.00	1.26
				CO 2	3.00	1.12
				CO 3	3.00	1.39
				CO 4	3.00	1.33
				CO 5	3.00	1.32
				CO 6	3.00	1.26
MEL404	Kinematics of Machinery - Lab	A	Varghese Koshy	CO 1	3.00	2.97





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				CO 2	3.00	2.89
				CO 3	3.00	2.79
				CO 4	3.00	2.83
				CO 5	3.00	2.81
				CO 6	3.00	2.93
MEC404	Production Process- II	A	Nilesh Nagare	CO 1	3.00	2.49
				CO 2	3.00	2.45
				CO 3	3.00	2.42
				CO 4	3.00	2.25
				CO 5	3.00	2.43
				CO 6	2.50	2.28
MEL401	DBIR	A	Akshata Raut	CO 1	3.00	2.60
				CO 2	3.00	2.53
				CO 3	3.00	2.81
				CO 4	3.00	2.87
				CO 5	3.00	2.89
				CO 6	3.00	2.83
MEC403	Industrial Electronics	A	Sushant Bansal	CO 1	2.00	1.38
				CO 2	2.00	1.04
				CO 3	2.00	1.20
				CO 4	2.00	1.04
				CO 5	2.00	1.37
				CO 6	2.00	1.20
MEL403	Industrial Electronics - LAB	A	Sushant Bansal	CO 1	3.00	2.81
				CO 2	3.00	2.80
				CO 3	3.00	2.81
				CO 4	3.00	2.97
				CO 5	3.00	2.97





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				CO 6	3.00	2.89
MEL405	Machine Shop Practice II	A	Ulhas Thakur	CO 1	2.00	2.49
				CO 2	2.00	2.49
				CO 3	2.00	2.48
				CO 4	2.00	2.48
				CO 5	2.00	2.48
				CO 6	2.00	2.49
MEC401	Applied Mathematics IV	B	Jayesh Jain	CO 1	2.33	1.34
				CO 2	2.00	1.28
				CO 3	2.00	1.20
				CO 4	2.00	1.22
				CO 5	2.00	1.20
				CO 6	2.00	1.22
MEC402	Fluid Mechanics	B	Mayur Jagtap	CO 1	3.00	2.19
				CO 2	2.00	2.13
				CO 3	2.00	2.18
				CO 4	2.00	2.19
				CO 5	2.00	2.17
				CO 6	2.00	2.17
MEL402	Fluid Mechanics - Lab.	B	Mayur Jagtap	CO 1	2.66	2.98
				CO 2	2.66	2.98
				CO 3	2.66	2.98
				CO 4	2.66	2.99
				CO 5	2.66	2.99
				CO 6	2.66	2.90
MEC405	Kinematics of Machinery	B	Swapnil Raut	CO 1	3.00	1.39
				CO 2	3.00	1.05
				CO 3	3.00	1.38





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				CO 4	3.00	1.05
				CO 5	3.00	1.38
				CO 6	3.00	1.26
MEL404	Kinematics of Machinery - Lab	B	Swapnil Raut	CO 1	3.00	2.93
				CO 2	3.00	2.90
				CO 3	3.00	2.88
				CO 4	3.00	2.90
				CO 5	3.00	2.91
				CO 6	3.00	2.88
MEC404	Production Process- II	B	Nilesh Nagare	CO 1	3.00	2.45
				CO 2	3.00	2.41
				CO 3	3.00	2.37
				CO 4	3.00	2.22
				CO 5	3.00	2.27
				CO 6	2.50	2.20
MEL401	DBIR	B	Akshata Raut	CO 1	3.00	2.60
				CO 2	3.00	2.53
				CO 3	3.00	2.81
				CO 4	3.00	2.87
				CO 5	3.00	2.89
				CO 6	3.00	2.83
MEC403	Industrial Electronics	B	Prajakta Patil	CO 1	2.00	1.37
				CO 2	2.00	1.03
				CO 3	2.00	1.03
				CO 4	2.00	1.03
				CO 5	2.00	1.03
				CO 6	2.00	1.03
MEL403	Industrial Electronics - LAB	B	Prajakta Patil	CO 1	3.00	1.39





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				CO 2	3.00	1.38
				CO 3	3.00	1.36
				CO 4	3.00	1.36
				CO 5	3.00	1.36
				CO 6	3.00	1.36
MEL405	Machine Shop Practice II	B	Ulhas Thakur	CO 1	2.00	2.49
				CO 2	2.00	2.49
				CO 3	2.00	2.48
				CO 4	2.00	2.48
				CO 5	2.00	2.48
				CO 6	2.00	2.49
Semester V						
MEC501	I C Engines	A	Aniket Deshmukh	CO 1	3.00	1.37
				CO 2	3.00	1.23
				CO 3	3.00	1.36
				CO 4	3.00	0.96
				CO 5	3.00	1.23
				CO 6	3.00	1.23
MEL501	I C Engines - Lab	A	Aniket Deshmukh	CO 1	3.00	2.89
				CO 2	3.00	2.95
				CO 3	3.00	2.96
				CO 4	3.00	2.96
				CO 5	3.00	2.97
				CO 6	3.00	2.96
MEC502	Mechanical Measurements and Control	A	Manojkumar Yadav	CO 1	2.30	1.38
				CO 2	2.30	1.04
				CO 3	2.30	1.05





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				CO 4	2.30	1.37
				CO 5	2.70	1.38
				CO 6	2.70	1.37
MEL502	Mechanical Measurements and Control - Lab	A	Manojkumar Yadav	CO 1	2.70	2.98
				CO 2	2.70	2.98
				CO 3	2.70	2.98
				CO 4	2.70	2.97
				CO 5	2.80	2.97
				CO 6	2.80	2.97
MEDLO5011	Press Tool Design	A	Nilesh Nagare	CO 1	3.00	2.98
				CO 2	3.00	2.80
				CO 3	1.50	2.81
				CO 4	2.00	2.97
				CO 5	2.00	2.97
				CO 6	3.00	2.97
MEC504	Dynamics of Machinery	A	Omkar Joshi	CO 1	2.60	1.38
				CO 2	2.60	1.38
				CO 3	2.60	1.21
				CO 4	2.60	1.37
				CO 5	2.60	1.14
				CO 6	2.60	1.37
MEL504	Dynamics of Machinery - Lab	A	Omkar Joshi	CO 1	3.00	2.96
				CO 2	3.00	2.96
				CO 3	3.00	2.96
				CO 4	3.00	2.96
				CO 5	3.00	2.97
				CO 6	3.00	2.96
MEC503	Heat Transfer	A	Henisha Raut	CO 1	3.00	1.39





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				CO 2	3.00	1.39
				CO 3	2.66	1.39
				CO 4	2.33	1.37
				CO 5	3.00	1.38
				CO 6	3.00	1.37
MEL503	Heat Transfer - Lab	A	Henisha Raut	CO 1	2.66	2.98
				CO 2	2.66	2.98
				CO 3	2.66	2.98
				CO 4	2.75	2.98
				CO 5	2.66	2.98
				CO 6	2.66	2.97
MEL506	Business Communication and Ethics	A	Prashant Pawar	CO 1	3.00	2.16
				CO 2	3.00	2.16
				CO 3	3.00	2.17
				CO 4	3.00	1.89
				CO 5	3.00	2.15
				CO 6	3.00	2.16
MEC501	I C Engines	B	Mayur Jagtap	CO 1	3.00	2.16
				CO 2	3.00	2.16
				CO 3	3.00	2.17
				CO 4	3.00	1.89
				CO 5	3.00	2.15
				CO 6	3.00	2.16
MEL501	I C Engines - Lab	B	Mayur Jagtap	CO 1	3.00	2.89
				CO 2	3.00	2.95
				CO 3	3.00	2.96
				CO 4	3.00	2.96
				CO 5	3.00	2.97





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				CO 6	3.00	2.95
MEC502	Mechanical Measurements and Control	B	Manojkumar Yadav	CO 1	2.30	1.38
				CO 2	2.30	1.21
				CO 3	2.30	1.21
				CO 4	2.30	1.36
				CO 5	2.70	1.37
				CO 6	2.70	1.21
MEL502	Mechanical Measurements and Control - Lab	B	Manojkumar Yadav	CO 1	2.70	2.98
				CO 2	2.70	2.97
				CO 3	2.70	2.98
				CO 4	2.70	2.97
				CO 5	2.80	2.97
				CO 6	2.80	2.97
MEDLO5011	Press tool design	B	Nilesh Nagare	CO 1	3.00	2.98
				CO 2	3.00	2.80
				CO 3	1.50	2.80
				CO 4	2.00	2.97
				CO 5	2.00	2.97
				CO 6	3.00	2.98
MEC504	Dynamics of Machinery	B	Shreeyesh Kutty	CO 1	2.60	1.38
				CO 2	2.60	1.13
				CO 3	2.60	1.29
				CO 4	2.60	1.20
				CO 5	2.60	1.32
				CO 6	2.60	1.17
MEL504	Dynamics of Machinery - Lab	B	Shreeyesh Kutty	CO 1	3.00	2.77
				CO 2	3.00	2.76
				CO 3	3.00	1.53





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				CO 4	3.00	2.78
				CO 5	3.00	2.84
				CO 6	3.00	1.90
MEC503	Heat Transfer	B	Henisha Raut	CO 1	3.00	1.39
				CO 2	3.00	1.39
				CO 3	2.66	1.37
				CO 4	2.33	1.29
				CO 5	3.00	1.38
				CO 6	3.00	1.39
MEL503	Heat Transfer - Lab	B	Henisha Raut	CO 1	2.66	2.98
				CO 2	2.66	2.98
				CO 3	2.66	2.98
				CO 4	2.75	2.98
				CO 5	2.66	2.97
				CO 6	2.66	2.97
MEL506	Business Communication and Ethics	B	Prashant Pawar	CO 1	3.00	2.16
				CO 2	3.00	2.16
				CO 3	3.00	2.17
				CO 4	3.00	1.89
				CO 5	3.00	2.15
				CO 6	3.00	2.16
Semester VI						
MEC601	Metrology and Quality Engineering	A	Mansi Lakhani	CO 1	2.00	1.35
				CO 2	1.50	1.31
				CO 3	2.20	1.31
				CO 4	2.50	1.39
				CO 5	1.75	1.39





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				CO 6	2.50	1.38
MEL601	Metrology and Quality Engineering - Lab	A	Mansi Lakhani	CO 1	3.00	2.82
				CO 2	3.00	2.99
				CO 3	3.00	2.82
				CO 4	3.00	2.82
				CO 5	3.00	2.99
				CO 6	3.00	2.98
MEC602	Machine Design - I	A	Vinit Raut	CO 1	3.00	1.04
				CO 2	2.66	1.04
				CO 3	2.66	1.33
				CO 4	2.66	1.21
				CO 5	2.66	1.28
				CO 6	2.66	1.25
MEL602	Machine Design - I - Lab	A	Vinit Raut	CO 1	3.00	2.88
				CO 2	3.00	1.62
				CO 3	3.00	1.19
				CO 4	3.00	2.23
				CO 5	3.00	2.11
				CO 6	3.00	2.08
MEC604	Refrigeration and Air Conditioning	A	Manojkumar Yadav	CO 1	2.83	2.85
				CO 2	2.83	2.84
				CO 3	2.83	2.98
				CO 4	2.83	2.97
				CO 5	2.83	2.97
				CO 6	2.83	2.97
MEL604	Refrigeration and Air Conditioning - Lab	A	Manojkumar Yadav	CO 1	2.70	2.98
				CO 2	2.70	2.98
				CO 3	2.70	2.98





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				CO 4	2.70	2.97
				CO 5	2.80	2.97
				CO 6	2.80	2.97
MEDLO6021	Mechatronics	A	Henisha Raut	CO 1	3.00	1.39
				CO 2	3.00	1.38
				CO 3	3.00	1.04
				CO 4	2.33	1.37
				CO 5	2.33	1.38
				CO 6	2.50	1.38
MEL605	Mechatronics - Lab	A	Henisha Raut	CO 1	3.00	2.98
				CO 2	2.33	2.98
				CO 3	2.60	2.98
				CO 4	2.33	2.97
				CO 5	2.60	2.98
				CO 6	2.75	2.98
MEC603	Finite Element Analysis	A	Shreeyesh Kutty	CO 1	3.00	2.98
				CO 2	3.00	2.81
				CO 3	2.67	2.64
				CO 4	2.67	2.64
				CO 5	2.67	2.98
				CO 6	3.00	2.70
MEL603	Finite Element Analysis - Lab	A	Shreeyesh Kutty	CO 1	3.00	2.98
				CO 2	3.00	2.98
				CO 3	2.50	2.97
				CO 4	2.50	2.98
				CO 5	2.50	2.98
				CO 6	3.00	2.98
MEC601	Metrology and Quality Engineering	B	Priyank Vartak	CO 1	2.00	1.33





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				CO 2	1.50	1.22
				CO 3	2.20	1.26
				CO 4	2.50	1.39
				CO 5	1.75	1.22
				CO 6	2.50	1.23
MEL601	Metrology and Quality Engineering - Lab	B	Priyank Vartak	CO 1	3.00	2.99
				CO 2	3.00	2.82
				CO 3	3.00	2.99
				CO 4	3.00	2.82
				CO 5	3.00	2.99
				CO 6	3.00	2.81
MEC602	Machine Design I	B	Aditi Pimpale	CO 1	3.00	2.18
				CO 2	2.66	2.17
				CO 3	2.66	2.13
				CO 4	2.66	1.92
				CO 5	2.66	2.18
				CO 6	2.66	2.17
MEL602	Machine Design I - Lab	B	Aditi Pimpale	CO 1	3.00	2.89
				CO 2	3.00	2.30
				CO 3	3.00	2.83
				CO 4	3.00	2.23
				CO 5	3.00	2.45
				CO 6	3.00	2.51
MEC604	Refrigeration and Air Conditioning	B	Manojkumar Yadav	CO 1	2.83	2.85
				CO 2	2.83	2.84
				CO 3	2.83	2.98
				CO 4	2.83	2.97
				CO 5	2.83	2.97





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				CO 6	2.83	2.97
MEL604	Refrigeration and Air Conditioning - Lab	B	Manojkumar Yadav	CO 1	2.70	2.98
				CO 2	2.70	2.98
				CO 3	2.70	2.98
				CO 4	2.70	2.97
				CO 5	2.80	2.97
				CO 6	2.80	2.97
MEDLO6021	Mechatronics	B	Henisha Raut	CO 1	3.00	1.38
				CO 2	3.00	1.37
				CO 3	3.00	1.04
				CO 4	2.33	1.37
				CO 5	2.33	1.22
				CO 6	2.50	1.37
MEL605	Mechatronics - Lab	B	Henisha Raut	CO 1	3.00	2.97
				CO 2	2.33	2.89
				CO 3	2.60	2.97
				CO 4	2.33	2.89
				CO 5	2.60	2.97
				CO 6	2.75	2.93
MEC603	Finite Element Analysis	B	Shreeyesh Kutty	CO 1	3.00	2.98
				CO 2	3.00	2.81
				CO 3	2.67	2.64
				CO 4	2.67	2.64
				CO 5	2.67	2.97
				CO 6	3.00	2.70
MEL603	Finite Element Analysis - Lab	B	Shreeyesh Kutty	CO 1	3.00	2.98
				CO 2	3.00	2.97
				CO 3	2.50	2.97





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				CO 4	2.50	2.97
				CO 5	2.50	2.97
				CO 6	3.00	2.97
Semester VII						
MEC701	Machine Design -II	A	Suneet Mehta	CO 1	2.67	0.30
				CO 2	2.67	0.38
				CO 3	2.67	0.51
				CO 4	2.67	0.45
				CO 5	2.67	0.41
				CO 6	2.67	0.41
MEC702	CAD/CAM/CAE	A	Pratik raut	CO 1	3.00	2.82
				CO 2	3.00	2.89
				CO 3	3.00	2.81
				CO 4	3.00	2.98
				CO 5	2.50	2.87
				CO 6	3.00	2.98
MEC703	Mechanical Utility Systems	A	Rajkumar Devkar	CO 1	2.33	1.17
				CO 2	2.33	1.30
				CO 3	2.00	1.30
				CO 4	2.00	1.04
				CO 5	2.66	1.13
				CO 6	2.00	1.13
MEC704	Production Planning and Control	A	Chinmay Pingulkar	CO 1	2.75	2.99
				CO 2	2.67	2.99
				CO 3	2.67	2.98
				CO 4	2.67	2.82
				CO 5	2.67	2.76





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				CO 6	2.67	2.81
MEE7019	Operations Research	A	Priyank Vartak	CO 1	2.75	1.39
				CO 2	2.67	1.27
				CO 3	2.67	1.30
				CO 4	2.67	1.30
				CO 5	2.67	1.31
				CO 6	2.67	1.37
MEC701	Machine Design -II	B	Suneet Mehta	CO 1	2.67	2.90
				CO 2	2.67	2.85
				CO 3	2.67	2.74
				CO 4	2.67	2.87
				CO 5	2.67	2.91
				CO 6	2.67	2.77
MEC702	CAD/CAM/CAE	B	Tejas Chaudhari	CO 1	3.00	2.05
				CO 2	3.00	2.00
				CO 3	3.00	2.12
				CO 4	3.00	2.05
				CO 5	2.50	2.08
				CO 6	3.00	2.07
MEC703	Mechanical Utility Systems	B	Rajkumar Devkar	CO 1	2.33	2.13
				CO 2	2.33	2.10
				CO 3	2.00	2.10
				CO 4	2.00	2.12
				CO 5	2.66	2.10
				CO 6	2.00	2.02
MEC704	Production Planning and Control	B	Chinmay Pingulkar	CO 1	2.75	2.99
				CO 2	2.67	2.99
				CO 3	2.67	2.99





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				CO 4	2.67	2.82
				CO 5	2.67	2.76
				CO 6	2.67	2.82
MEE7019	Operations Research	B	Priyank Vartak	CO 1	2.75	2.19
				CO 2	2.67	2.19
				CO 3	2.67	2.19
				CO 4	2.67	2.10
				CO 5	2.67	2.12
				CO 6	2.67	2.18
MEP701	Project I	A & B	Priyank Vartak/Pratik Raut	CO 1	3.00	2.00
				CO 2	3.00	2.00
				CO 3	3.00	2.00
				CO 4	2.60	2.00
				CO 5	3.00	2.00
				CO 6	3.00	2.00
Semester VIII						
MEC801	Design of Mechanical Systems	A	Aniket Deshmukh	CO 1	2.33	2.87
				CO 2	3.00	2.83
				CO 3	3.00	2.92
				CO 4	3.00	2.92
				CO 5	3.00	2.92
				CO 6	--	--
MEC802	Industrial Engineering and Management	A	Chinmay Pingulkar	CO 1	2.75	2.98
				CO 2	2.67	2.90
				CO 3	2.67	2.82
				CO 4	2.67	2.98
				CO 5	2.67	2.85





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				CO 6	2.67	2.73
MEC803	Refrigeration and Air Conditioning	A	Omkar Joshi	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	2.50	2.98
				CO 6	2.50	2.98
MEE8022	Renewable Energy Sources	A	Rajkumar Devkar	CO 1	2.00	2.88
				CO 2	2.00	2.89
				CO 3	2.20	2.95
				CO 4	1.25	2.28
				CO 5	1.75	2.62
				CO 6	2.33	2.93
MEC801	Design of Mechanical Systems	B	Suneet Mehta	CO 1	2.33	2.98
				CO 2	3.00	2.87
				CO 3	3.00	2.91
				CO 4	3.00	2.93
				CO 5	3.00	2.77
				CO 6	--	--
MEC802	Industrial Engineering and Management	B	Chinmay Pingulkar	CO 1	2.75	2.98
				CO 2	2.67	2.81
				CO 3	2.67	2.98
				CO 4	2.67	2.98
				CO 5	2.67	2.98
				CO 6	2.67	2.86
MEC803	Refrigeration and Air Conditioning	B	Pratik Raut	CO 1	3.00	2.99
				CO 2	3.00	2.99
				CO 3	3.00	2.99





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				CO 4	3.00	2.98
				CO 5	2.50	2.98
				CO 6	2.50	2.99
MEE8022	Renewable Energy Sources	B	Tejas Chaudhari	CO 1	2.25	2.87
				CO 2	2.25	2.88
				CO 3	2.25	2.82
				CO 4	2.34	2.68
				CO 5	2.00	2.90
				CO 6	2.00	2.90
MEP802	Project II	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





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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	2.77
				CO 2	2.00	2.82
				CO 3	2.34	2.77
				CO 4	3.00	2.85
				CO 5	3.00	2.73
MSEDLO 1012	World Class Manufacturing	-	Dr. Arunkumar	CO 1	3.00	2.98
				CO 2	3.00	2.99
MSEC 101	Product Design & Development	-	Niyati Raut	CO 1	3.00	2.99
				CO 2	1.75	3.00
				CO 3	2.34	2.99
				CO 4	3.00	2.99
				CO 5	2.34	2.98
ILO 1014	Design of Experiment	-	Dr. Arunkumar	CO 1	3.00	1.39
				CO 2	3.00	1.38
				CO 3	3.00	1.39
MSEC102	Computer Integrated Manufacturing	-	Dr. Arunkumar	CO 1	3.00	2.99
				CO 2	3.00	2.99
Semester II						
MSEC202	Industrial Automation	-	Niyati Raut	CO 1	3.00	2.79
				CO 2	2.34	2.69
ILO2026	Research Methodology	-	Niyati Raut	CO 1	3.00	2.98
				CO 2	3.00	2.99
				CO 3	2.67	2.99
				CO 4	3.00	2.99





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MSEC203	Advance Quantitative Technique	-	Dr. Arunkumar	CO 1	3.00	1.38
				CO 2	3.00	1.37
				CO 3	3.00	1.38
				CO 4	3.00	1.37
MSEC201	Sustainable Manufacturing	-	Dr. Arunkumar	CO 1	3.00	2.99
				CO 2	3.00	3.00
				CO 3	3.00	2.98
				CO 4	3.00	2.98
				CO 5	3.00	2.98
MSEDLO 2021	Logistic & Supply Chain Management	-	Dr. Arunkumar	CO 1	3.00	2.99
				CO 2	3.00	2.98
				CO 3	3.00	2.97
				CO 4	3.00	2.98

