

TEACHING SCHEME / DETAIL SYLLABUS

[Home](#)

ME

64 - ELECTRIC VEHICLE TECHNOLOGY

Sem

2024-25

Select Elective / Non-Elective

Subject Code

Enter Subject Name

Search

*L=lectures,T=tutorial,P=Practical,E=TheoryExternal,M=TheoryInternal,I=Practical Internal,V=Practical External,On Job Training(OJT) is equivalent to Practical

											Hours	Credit		Max Marks				
Exp.	Subcode	Branch code	Eff from	SubjectName	Category	Sem /Year	L.	T.	P.	TW/SL	Total	E	M	I	V			
	ME0100011	064	2024-25	Research Methodology and IPR	Mandatory Learning Course (Bridge Course)	1	1	0	2	NA	2	0	0	20	80			
	ME0100021	064	2024-25	Technical Report Writing	Mandatory Non-Credit Courses – Audit Course	1	2	0	0	NA	0	50	0	0	0			
	ME01000211	064	2024-25	Automotive Chassis & Body Engineering	Professional Elective - I	1	3	0	2	NA	4	70	30	20	30			
	ME01064011	064	2024-25	Electric & Hybrid Vehicles Technology	Professional Core Courses	1	3	0	2	NA	4	70	30	20	30			
	ME01064021	064	2024-25	Power Electronics & Drives for Electric Vehicles	Professional Core Courses	1	3	0	2	NA	4	70	30	20	30			
	ME01064031	064	2024-25	Power Train Management Systems	Professional Elective - I	1	3	0	2	NA	4	70	30	20	30			
	ME01064041	064	2024-25	Two and Three Wheeler Technology	Professional Elective - I	1	3	0	2	NA	4	70	30	20	30			
	ME01064051	064	2024-25	Plug-in Electric Vehicles in Smart Grid	Professional Elective - II	1	3	0	2	NA	4	70	30	20	30			
	ME01064061	064	2024-25	Automotive Embedded System	Professional Elective - II	1	3	0	2	NA	4	70	30	20	30			
	ME01064071	064	2024-25	Charging Strategies & Infrastructure for Electric Vehicles	Professional Elective - II	1	3	0	2	NA	4	70	30	20	30			
	ME02000011	064	2024-25	Disaster Management	Mandatory Non-Credit Courses – Audit Course	2	2	0	0	NA	0	50	0	0	0			
	ME02000141	064	2024-25	Mini Project with Seminar	Core Courses	2	0	0	4	NA	2	0	0	100	0			
	ME02064011	064	2024-25	Vehicle Dynamics	Professional Core Courses	2	3	0	2	NA	4	70	30	20	30			
	ME02064021	064	2024-25	Battery Management Systems for Electric Vehicles	Professional Core Courses	2	3	0	2	NA	4	70	30	20	30			
	ME02064031	064	2024-25	Automotive Thermal Systems	Professional Elective - III	2	3	0	2	NA	4	70	30	20	30			

	ME02064041	064	2024-25	Intelligent Transport Systems	Professional Elective - III	2	3	0	2	NA	4	70	30	20	30
	ME02064051	064	2024-25	Automotive Aerodynamics	Professional Elective - III	2	3	0	2	NA	4	70	30	20	30
	ME02064061	064	2024-25	Testing and Certification of Electric Vehicles	Professional Elective - IV	2	3	0	2	NA	4	70	30	20	30
	ME02064071	064	2024-25	Artificial Intelligence for Autonomous Vehicles	Professional Elective - IV	2	3	0	2	NA	4	70	30	20	30
	ME02064081	064	2024-25	Computer Aided Modelling and Analysis of Electric Vehicles	Professional Elective - IV	2	3	0	2	NA	4	70	30	20	30
	ME02064091	064	2024-25	Automotive Diagnostics	Professional Elective - V	2	3	0	2	NA	4	70	30	20	30
	ME02064101	064	2024-25	Hydrogen Fuel Based Vehicles	Professional Elective - V	2	3	0	2	NA	4	70	30	20	30
	ME02064111	064	2024-25	EV Charging	Professional Elective - V	2	3	0	2	NA	4	70	30	20	30
	ME03000011	064	2025-26	Internal Review Phase-I	Internal Review/Dissertation Work	3	0	0	8	NA	4	0	0	50	0
	ME03000021	064	2025-26	Dissertation Phase-I	Internal Review/Dissertation Work	3	0	0	30	NA	15	0	0	0	150
	ME03000071	064	2025-26	Waste to Energy	Multidisciplinary Open Professional Electives Courses	3	3	0	0	NA	3	70	30	0	0
	ME03000081	064	2025-26	Economics of Energy Generation and Supply	Multidisciplinary Open Professional Electives Courses	3	3	0	0	NA	3	70	30	0	0
	ME04000011	064	2025-26	Internal Review Phase-II	Internal Review/Dissertation Work	4	0	0	8	NA	4	0	0	50	0
	ME04000021	064	2025-26	Dissertation Phase-II	Internal Review/Dissertation Work	4	0	0	32	NA	16	0	0	0	150
	noc25-ee57	64	Jan-2025	Operation and Planning Of Power Distribution Systems	MOPEC-01(MOOC)	3	3	0	0	NA	3	100	0	0	0