



SAGE UNIVERSITY, INDORE
 Institute Name :- Institute of Engineering and Technology
 Department:- Mechanical Engineering
PROGRAM STRUCTURE
CHOICE BASED CREDIT SYSTEM

Effective For ACADEMIC SESSION: 2024-25

Program Code : M Tech (AE)

For Admission Batch: 2024-25

Program :-Master of Technology in Automobile Engineering

Semester: I

Subject wise Distribution of Marks and corresponding Credits

S.No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Total			
				Theory(100 Marks)			Studio/Practical (50 Marks)				Total Marks	Hours/week					Credits	Hours
				End Sem	Continuous Internal Evaluation		End Sem. Exam (ESE)	Continuous Internal Evaluation		L		T	P	S/M	NTCC			
					Mid Sem Test (MST)	Attendance/Quiz/Assignment		Lab Work/WPR	Attendance /Assignment/viva / Lab manual/									
1	EMEDCAEA001T	DC	Automotive Engines and Auxiliary Systems	60	20	20	-	-	-	100	3	0	0			3	3	
2	EMEDCAFE001T	DC	Automotive Fuels and Emission	60	20	20	-	-	-	100	4	0	0			4	4	
3	EMEDCITB001T	DC	Industrial Tribology	60	20	20	-	-	-	100	4	0	0			4	4	
4	EMEDCVBS001T	DC	Vehicle Body and Safety Engineering	60	20	20	-	-	-	100	4	0	0			4	4	
5	Select from List	DE	Departmental Elective-I	60	20	20	-	-	-	100	4	0	0			4	4	
6	EMEDCAEA001P	DC	Automotive Engines and Auxiliary Systems Lab				30	10	10	50	0	0	2			1	2	
7	Select from List	DSEEC	Departmental skill Enhancement Elective-I				30	10	10	50	0	0	4			2	4	
Total				300	100	100	60	20	20	600	19	0	6	0	0	22	25	

Department Elective-I	EMEDEVY001T	1. Vehicle Dynamics
	EMEDEAAP001T	2. Automotive Air Pollution and Control
	EMEDEFEM001T	3. Finite Element Method
Department Skill Enhancement Elective-I	EMEDSASC001P	Automotive System Components Lab-I
	EMEDSATR001P	Automotive Transmission Lab-I



SAGE UNIVERSITY, INDORE
Institute Name :- Institute of Engineering and Technology
Department:- Mechanical Engineering
PROGRAM STRUCTURE
CHOICE BASED CREDIT SYSTEM
Effective For ACADEMIC SESSION: 2024-25

Program Code : M Tech (AE)

For Admission Batch: 2024-25

Program :-Master of Technology in Automobile Engineering
Semester: II
Subject wise Distribution of Marks and corresponding Credits

S.No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Total			
				Theory(100 Marks)			Studio/Practical (50 Marks)				Total Marks	Hours/week					Credits	Hours
				End Sem	Continuous Internal Evaluation		End Sem. Exam (ESE)	Continuous Internal Evaluation		L		T	P	S/M	NTCC			
					Mid Sem Test (MST)	Attendance/Quiz/Assignment		Lab Work/WPR	Attendance /Assignment/viva / Lab manual/							Studio /Field Work/ outreach		
1	EMEDCATS001T	DC	Automotive Transmission System	60	20	20	-	-	-	100	4	0	0			4	4	
2	EMEDCBCE001T	DC	Body and Chassis Engineering	60	20	20	-	-	-	100	4	0	0			4	4	
3	EMEDCASR001T	DC	Automotive Standards and Regulations	60	20	20	-	-	-	100	4	0	0			4	4	
4	Select from List	DE	Departmental Elective-II	60	20	20	-	-	-	100	4	0	0			4	4	
5	Select from List	DE	Departmental Elective-III	60	20	20	-	-	-	100	4	0	0			4	4	
6	Select from List	DSEEC	Departmental skill Enhancement Elective-II				30	10	10	50	0	0	4			2	4	
Total				300	100	100	30	10	10	550	20	0	4	0	0	22	24	

Department Elective-II	EMEDEAEE001T	Automotive Electrical and Electronics system
	EMEDEMTA001T	Manufacturing Techniques in Automotive Engineering
	EMEDEMHT001T	Mechatronics

Department Elective-III	EMEDEAQS001T	Automotive Quality System
	EMEDEVTI001T	Vehicle Testing and Instrumentation
	EMEDEMAA001T	Modern Automobile Accessories

Department Skill Enhancement Elective-II	EMEDSASC002P	Automotive System Components Lab-II
	EMEDSATR002P	Automotive Transmission Lab-II



SAGE UNIVERSITY, INDORE
Institute Name :- Institute of Engineering and Technology
Department:- Mechanical Engineering
PROGRAM STRUCTURE
CHOICE BASED CREDIT SYSTEM

Effective For ACADEMIC SESSION: 2024-25

Program Code : M Tech (AE)

For Admission Batch: 2023-24

Program :-Master of Technology in Automobile Engineering

Semester: III

Subject wise Distribution of Marks and corresponding Credits

S.No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Total		
				Theory(100 Marks)			Studio/Practical (50 Marks)			Total Marks	Hours/week					Credits	Hours
				End Sem	Continuous Internal Evaluation		End Sem. Exam (ESE)	Continuous Internal Evaluation			L	T	P	S/M	NTCC Studio /Field Work/ outreach		
					Mid Sem Test (MST)	Attendance/Quiz/Assignment		Lab Work/WPR	Attendance /Assignment/viva / Lab manual/								
1	EMEDCRMT001T	DC	Research Methodology	60	20	20	-	-	-	100	4	0	0			4	4
2	EMEDCVLM001T	DC	Vehicle Maintenance	60	20	20	-	-	-	100	4	0	0			4	4
3	Select from List	DE	Departmental Elective-IV	60	20	20	-	-	-	100	4	0	0			4	4
4	Select from List	DE	Departmental Elective-V	60	20	20	-	-	-	100	4	0	0			4	4
5	EMEDPDIS001N	DAP	Dissertation Phase I						40	60	100	0	0	0		12	6
6	EMEDSIDI001N	DSEEC	Industrial Internship						20	30	50	0	0	0		4	2
Total				240	80	80	0	60	90	550	16	0	0	0	16	24	16

Department Elective-IV	EMEDEVSE001T	Vehicle Safety Engineering
	EMEDEACD001T	Automotive Chassis Component Design
	EMEDEAAC001T	Automotive Air Conditioning

Department Elective-V	EMEDMVT001T	Modern Vehicle Technology
	EMEDEEHV001T	Electric And Hybrid Vehicle
	EMEDTTW001T	Two And Three Wheeler Technology



SAGE UNIVERSITY, INDORE
 Institute Name :- Institute of Engineering and Technology
 Department:- Mechanical Engineering
PROGRAM STRUCTURE
CHOICE BASED CREDIT SYSTEM

Effective For ACADEMIC SESSION: 2024-25

Program Code : M Tech (AE)

For Admission Batch: 2023-24

Program :-Master of Technology in Automobile Engineering

Semester: IV

Subject wise Distribution of Marks and corresponding Credits

S.No.	Subject Code	Category	Subject Title	Maximum Marks Allotted											Total			
				Theory(100 Marks)			Studio/Practical (50 Marks)				Total Marks	Hours/week					Credits	Hours
				End Sem	Continuous Internal Evaluation		End Sem. Exam (ESE)	Continuous Internal Evaluation		L		T	P	S/M	NTCC			
					Mid Sem Test (MST)	Attendance/Quiz/Assignment		Lab Work/WPR	Attendance /Assignment/viva / Lab manual/							Studio /Field Work/ outreach		
1	Select from List	DSEEC	Departmental skill Enhancement Elective-III				30	10	10	50	0	0	4			2	4	
2	EMEDPDIS002N	DAP	Dissertation Phase II					40	60	100	0	0	0		30	15		
Total							30	50	70	150	0	0	4	0	30	17	4	

Department Skill Enhancement Elective-III	EMEDSVLM001B	Vehicle Maintenance Lab
	EMEDSVLT001B	Vehicle Testing Lab