

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22

Term – EVEN (Semester – IV)

Class / Division – S.Y. Mechanical Div. I

With effect from – 21 /03 /2022

TIME	08.00 AM TO 09.00 AM	09.00 AM TO 10.00 AM	10.00 AM TO 11.00 AM	11.00 AM TO 12.00 NOON	12.00 NOON TO 01.00 PM	01.00 PM TO 02.00 PM	02.00 PM TO 03.00 PM	03.00 PM TO 04.00 PM	04.00 PM TO 05.00 PM
PERIOD	00	0	1	2	3	4	5	6	7
MON	-----	-----	A TOM – I B FM		-----	VCPDE 5	FOM 5	FM 5	-----
TUE	-----	-----	A FM B ME – II C FOM D TOM - I		-----	VCPDE 5	FOM 5	FM 5	-----
WED	-----	-----	C ME – II D FOM		-----	TOM – I 5	ME – II 5	FM 5	-----
THU	-----	SM 5	A FOM B TOM – I C FM D ME - II		-----	TOM – I 5	ME – II 5	VCPDE Tut. 5	-----
FRI	-----	SM 5	A ME – II B FOM C TOM – I D FM		-----	TOM – I 5	ME – II 5	PLE & V 5	-----

Staff In charge

Courses	For Theory	For Laboratory			
		Batch A 112010001 to 112010022	Batch B 112010023 to 112010044	Batch C 112010045 to 112010066	Batch D 11201067 to 112010088
Theory of Machines – I	Dr. S.S. Bhavikatti Prof. M.B. Bhore	Prof. M.B. Bhore	Dr. S.S. Bhavikatti	Dr. S.S. Bhavikatti	Prof. M.B. Bhore
Fluid Mechanics	Dr. V.K. Haribhakta	Dr. V. Bhalla	Dr. V. Bhalla	Dr. V.K. Haribhakta	Dr. V.K. Haribhakta
Fundamentals of Metallurgy	Prof. A.N. Shinde	Prof. A.N. Shinde	Prof. A.N. Shinde	Prof. A.N. Shinde	Prof. A.N. Shinde
Manufacturing Engineering-II	Dr. S.B. Patil	Prof. M.R. Dhanvijay	Prof. M.R. Dhanvijay	Prof. M.R. Dhanvijay	Prof. M.R. Dhanvijay
Vector Calculus and Partial Differential Equations	Prof. A.B. Dhere	-----			
Professional Laws, Ethics and Values	Anvay Ahare	-----			
Innovation and Creativity		-----			
Smart Materials	Prof. P. Kulkarni	-----			

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22

Term – EVEN (Semester – IV)

Class / Division – S.Y. Mechanical Div. II

With effect from – 21 /03 /2022

TIME	08.00 AM TO 09.00 AM	09.00 AM TO 10.00 AM	10.00 AM TO 11.00 AM	11.00 AM TO 12.00 NOON	12.00 NOON TO 01.00 PM	01.00 PM TO 02.00 PM	02.00 PM TO 03.00 PM	03.00 PM TO 04.00 PM	04.00 PM TO 05.00 PM
PERIOD	00	0	1	2	3	4	5	6	7
MON	-----	VCPDE 5 MCDE (For DSY Students)	SM 5	FM 5	TOM – I 5	-----	-----	F FM	
TUE	-----	VCPDE 5 MCDE (For DSY Students)	SM 5	FM 5	TOM – I 5	-----	-----	E FM F ME – II G FOM H TOM - I	
WED	-----	MCDE (For DSY Students)	ME – II 5	FM 5	TOM – I 5	-----	-----	E TOM – I G ME – II H FOM	
THU	-----	MCDE (For DSY Students)	FOM 5	ME – II 5	PLE & V 5	-----	-----	E FOM F TOM – I G FM H ME - II	
FRI	-----	MCDE (For DSY Students)	VCPDE Tut. 5	ME – II 5	FOM 5	-----	-----	E ME – II F FOM G TOM – I H FM	

Staff In charge

Courses	For Theory	For Laboratory			
		Batch E 112010089 to 112010110	Batch F 112010111 to 112010132	Batch G 112010133 to 112010153 & Branch Change	Batch H (For direct 2nd year admitted students)
Theory of Machines – I	Dr. S.S. Bhavikatti Prof. M.B. Bhore	Prof. M.B. Bhore	Prof. M.B. Bhore	Prof. M.B. Bhore	Prof. M.B. Bhore
Fluid Mechanics	Dr. V.K. Haribhakta	Dr. V. Bhalla	Dr. V. Bhalla	Dr. V.K. Haribhakta	Dr. V.K. Haribhakta
Fundamentals of Metallurgy	Prof. P. Kulkarni	Prof. A.N. Shinde	Prof. A.N. Shinde	Prof. A.N. Shinde	Prof. A.N. Shinde
Manufacturing Engineering-II	Dr. S.B. Patil	Prof. S.U. Gunage	Prof. S.S. Shinde	Prof. S.S. Shinde	Prof. S.U. Gunage
Vector Calculus and Partial Differential Equations	Prof. D.N. Ghayatadak	-----			
Professional Laws, Ethics and Values	Anvay Ahare	-----			
Innovation and Creativity		-----			
Smart Materials	Prof. P. Kulkarni	-----			
Multivariate Calculus and Differential Equations		-----			

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22

Term – Even (Semester – VI)

Class / Division – T.Y. Mechanical Div. I

With effect from – 3 /1 /2022

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM
PERIOD	0	1	2	3	4	5	6	7	8
MON	Honors AM	-----	TDMS 13	SGT 13	-----	A CMP C DMS	B SGT D TMS	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors
TUE	IOC 13	EPP 13	TDMS 13	TDMS 13	-----	A TMS C SGT	B CMP D DMS	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors
WED	IOC 13	F & C 13	SGT 13	CMP 13	-----	A DMS C CMP	B TMS D SGT	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors
THU	Honors AM	COI 13	F & C 13	CMP 13	-----	A SGT C TMS	B DMS D CMP	HSS 13	HSS 13
FRI	Honors AM	F & C 13	SGT 13	TDMS 13	-----	-----	-----	HSS 13	HSS 13

Faculty In charge

Courses	For Theory	For Laboratory			
		Batch A	Batch B	Batch C	Batch D
Computational Methods & Programming	Dr. S.S. Pardeshi Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange
Theory and Design of Mechanical Systems	Dr. R.N. Ladhwe Dr. S.S. Bhavikatti Dr. V.K. Haribhakta	Dr. V.K. Haribhakta	Dr. S.S. Bhavikatti	Dr. S.S. Bhavikatti	Dr. V.K. Haribhakta
		Dr. P.S. Shinde	Dr. P.S. Shinde	Dr. R.N. Ladhwe	Dr. R.N. Ladhwe
Steam and Gas Turbine	Dr. M.J. Sabale Dr. N.D. Shikalgar				
Fuels and Combustion	Prof. S.M. Kadam Dr. K.C. Vora				
Steam & Gas Turbine And Combustion Lab		Dr. N.D. Shikalgar	Dr. S.V. Lahane	Dr. N.D. Shikalgar	Dr. S.V. Lahane
Interdisciplinary Open Course-I					
Constitution of India					
Humanities & Social Sciences					
Entrepreneurship Principles and Process					
Mini Project					

Department Elective-I	Faculty In-Charge	Venue
Computational Fluid Dynamics and Heat Transfer	Dr. M.R. Nandgaonkar	BASME - 2
Advanced Manufacturing Technology	Dr. S.S. Pardeshi / Prof. S.S. Mundra	BASME - 1
Operations Research	Dr. S.B. Patil	Room No. 13
Mathematical Modeling and Analysis of Thermal System		Room No. 5
Finite Element Analysis	Dr. U.V. Pise	BASME - 3
Honors Courses	Faculty In-Charge	Venue
Micro Fluidics	Dr. P.W. Deshmukh	BASME - 1
Fracture Mechanics	Dr. P. Kumar	Room No. 13
Automotive Mechatronics	Dr. A.D. Patange	BASME - 2

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22

Term – Even (Semester – VI)

Class / Division – T.Y. Mechanical Div. II

With effect from – 3 /1 /2022

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM
PERIOD	0	1	2	3	4	5	6	7	8
MON	Honors AM	-----	-----	-----	CMP 13	EPP 13	SGT 13	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors MF / FM
TUE	IOC 13	E CMP G DMS	F SGT H TMS	-----	CMP 13	F & C 13	COI 13	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors MF / FM
WED	IOC 13	E TMS G SGT	F CMP H DMS	-----	TDMS 13	F & C 13	SGT 13	DLE – I CFD &HT/OR/ AMT/MMATS/FEA	Minor & Honors MF / FM
THU	Honors AM	E DMS G CMP	F TMS H SGT	-----	TDMS 13	F & C 13	-----	HSS 13	HSS 13
FRI	Honors AM	E SGT G TMS	F DMS H CMP	-----	TDMS 13	TDMS 13	SGT 13	HSS 13	HSS 13

Faculty In charge

Courses	For Theory	For Laboratory			
		Batch E	Batch F	Batch G	Batch H
Computational Methods & Programming	Dr. S.S. Pardeshi Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange	Dr. A.D. Patange
Theory and Design of Mechanical Systems	Dr. R.N. Ladhwe Dr. S.S. Bhavikatti Dr. V.K. Haribhakta	Dr. V.K. Haribhakta	Dr. V.K. Haribhakta	Dr. S.S. Bhavikatti	Dr. S.S. Bhavikatti
		Dr. R.N. Ladhwe	Dr. P.S. Shinde	Dr. P.S. Shinde	Dr. R.N. Ladhwe
Steam and Gas Turbine	Dr. M.J. Sabale Dr. N.D. Shikalgar				
Fuels and Combustion	Prof. S.M. Kadam Dr. K.C. Vora				
Steam & Gas Turbine And Combustion Lab		Dr. S.V. Lahane	Dr. N.D. Shikalgar	Dr. S.V. Lahane	Dr. N.D. Shikalgar
Interdisciplinary Open Course-I					
Constitution of India					
Humanities & Social Sciences					
Entrepreneurship Principles and Process					
Mini Project					
Department Elective-I		Faculty In-Charge			Venue
Computational Fluid Dynamics and Heat Transfer		Dr. M.R. Nandgaonkar			BASME - 2
Advanced Manufacturing Technology		Dr. S.S. Pardeshi / Prof. S.S. Mundra			BASME - 1
Operations Research		Dr. S.B. Patil			Room No. 13
Mathematical Modeling and Analysis of Thermal System					Room No. 5
Finite Element Analysis		Dr. U.V. Pise			BASME - 3
Honors Courses		Faculty In-Charge			Venue
Micro Fluidics		Dr. P.W. Deshmukh			BASME - 1
Fracture Mechanics		Dr. P. Kumar			Room No. 13
Automotive Mechatronics		Dr. A.D. Patange			BASME - 2

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22
 Term – Even (Semester – VIII)
 Class / Division – BTech. Mechanical Div. I
 With effect from – 3 /1 /2022

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM	
PERIOD	0	1	2	3	4	5	6	7	8	
MON	Project Stage - II			-----	1 pm to 2.30 pm		2.30 pm to 4.00 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					Robotics 11 MCM BASME - 1		MVA 11 WCM BASME - 1			
TUE	Project Stage - II			-----	1 pm to 2.30 pm		2.30 pm to 4.00 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					Robotics 11 MCM BASME - 1		MVA 11 WCM BASME - 1			
WED	Project Stage - II			-----	1 pm to 2 pm	2 pm to 3 pm	3 pm to 4 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					MQC 11	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1			
THU	Project Stage - II			-----	MQC 11	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1		-----	LLC 11
FRI	Project Stage - II			-----	MQC 11	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1		-----	LLC 11

Faculty In charge

Courses	Faculty In-charge for Theory	
Metrology and Quality Control	Prof. M.H. Yadav / Prof. P.P. Suryawanshi	
Liberal Learning Course		
Project Stage-II		
Department Elective- III		
Tribology	Dr. M.G. Karnik	
Mechanics of Composite Materials	Prof. H.P. Shinde	
Robotics and Automation	Dr. S.S. Ohol	
Project Management	Dr. M.P. Khond	
Department Elective-IV		
Introduction to Nuclear Engineering	Dr. J.B. Doshi	
Air conditioning systems design	Dr. R.M. Warkhedkar	
Mechanical Vibrations and Acoustics	Prof. M.H. Yadav	
World Class Manufacturing	Dr. M.P. Khond	
Condition Monitoring	Dr. S.S. Mohite / Prof. P.P. suryawanshi	
Solar Energy Engineering	Dr. Vishal Bhalla	
Honors Courses		Venue for Honors courses
Modeling of I.C. Engines	Dr. S.V. Lahane	BASME - 2
Fracture Mechanics	Dr. P. Kumar	Room No. 13
Automotive transmission control	Dr. A.d. Patange	BASME - 3

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22
 Term – Even (Semester – VIII)
 Class / Division – BTech. Mechanical Div. II
 With effect from – 3 /1 /2022

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM	
PERIOD	0	1	2	3	4	5	6	7	8	
MON	Project Stage – II			-----	1 pm to 2.30 pm		2.30 pm to 4.00 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					Robotics 11 MCM BASME - 1		MVA 11 WCM BASME - 1			
TUE	Project Stage – II			-----	1 pm to 2.30 pm		2.30 pm to 4.00 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					Robotics 11 MCM BASME - 1		MVA 11 WCM BASME - 1			
WED	Project Stage - II			-----	1 pm to 2 pm	2 pm to 3 pm	3 pm to 4 pm		CM 11	Minor & Honors MOICE/ FM / ATC
					MQC BASME - 1	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1			
THU	Project Stage - II			-----	MQC BASME - 1	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1		-----	LLC BASME - 1
FRI	Project Stage - II			-----	MQC BASME - 1	SOLAR 11 INE BASME - 1	TRIBOLOGY 11 PM BASME - 1		-----	LLC BASME - 1

Faculty In charge

Courses	Faculty In-charge for Theory	
Metrology and Quality Control	Prof. M.H. Yadav / Prof. P.P. Suryawanshi	
Liberal Learning Course		
Project Stage-II		
Department Elective- III		
Tribology	Dr. M.G. Karnik	
Mechanics of Composite Materials	Prof. H.P. Shinde	
Robotics and Automation	Dr. S.S. Ohol	
Project Management	Dr. M.P. Khond	
Department Elective-IV		
Introduction to Nuclear Engineering	Dr. J.B. Doshi	
Air conditioning systems design	Dr. R.M. Warkhedkar	
Mechanical Vibrations and Acoustics	Prof. M.H. Yadav	
World Class Manufacturing	Dr. M.P. Khond	
Condition Monitoring	Dr. S.S. Mohite / Prof. P.P. suryawanshi	
Solar Energy Engineering	Dr. Vishal Bhalla	
Honors Courses		Venue for Honors courses
Modeling of I.C. Engines	Dr. S.V. Lahane	BASME - 2
Fracture Mechanics	Dr. P. Kumar	Room No. 13
Automotive transmission control	Dr. A.d. Patange	BASME - 3

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22
Term – Odd (semester – II)
Class / Division – MTech. Thermal Engineering
With effect from – 24 /05 /2022
Classroom : PG Room (Opposite HOD Cabin)

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM
PERIOD	0	1	2	3	4	5	6	7	8
MON	DTS DLE - II	DTS DLE - II	HEXD	HEXD	-----	MF / ACSD DLE – III	MF / ACSD DLE – III	-----	-----
TUE	DTS DLE – II	DTS DLE - II	HEXD	HEXD Lab.	-----	MF / ACSD DLE – III	MF / ACSD DLE – III	-----	-----
WED	IOC	RM & IPR	CFD	MICE	-----	ETC	SWSD DLE - II	-----	-----
THU	IOC	RM & IPR	CFD	MICE	-----	MICE Lab	SWSD DLE - II	-----	LLC
FRI	IOC	-----	CFD	MICE	-----	CFD Lab.	SWSD DLE - II	-----	LLC

Faculty In charge

Interdisciplinary Open Course		Micro fluidics DE - III	Dr. P.W. Deshmukh
Computational Fluid Dynamics	Dr. M.R. Nadgaonkar	Air conditioning system Design DE - III	Dr. R.M. Warkhedkar
Heat Exchanger Design	Dr. P.R. Dhamangaonkar	Effective Technical Communication	
Modeling of IC Engines	Dr. S.V. Lahane	Liberal Learning Course	
Solar and Wind Systems Design DE - II	Dr. V.B. Bhalla	Research Methodology and Intellectual Property Rights	
Design of Thermal Systems DE - II		Thermal Engg. Lab.	

Classroom for MF : BASME – 03 (Near Danfoss Lab.)

Classroom for ACSD : PG Room (Opposite HOD Cabin)

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Classroom for CFD : BASME - 02 (Near Department Library)

Classroom for MoICE : BASME - 02 (Near Department Library)

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Classroom for ETC : BASME – 03 (Near Danfoss Lab.)

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Classroom for MoICE Lab. & CFD Lab. : PG Room (Opposite HOD Cabin)

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22
Term – Odd (Semester – II)
Class / Division – MTech. Design Engineering
With effect from – 24 / 05 / 2022
Classroom : BASME – 03 (Near Danfoss Lab.)

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM
PERIOD	0	1	2	3	4	5	6	7	8
MON	FM	FM	OTD	OTD	-----	-----	-----	-----	-----
TUE	FM	FM Lab.	OTD	OTD Lab.	-----	-----	-----	-----	-----
WED	IOC	RM & IPR	MCM / AC DLE - III	Robotics / AEM DLE - II	-----	ETC	ASM	-----	-----
THU	IOC	RM & IPR	MCM / AC DLE - III	Robotics / AEM DLE - II	-----	ASM	ASM	-----	LLC
FRI	IOC	-----	MCM / AC DLE – III	Robotics / AEM DLE - II	-----	ASM Lab.	ASM Lab.	-----	LLC

Faculty In charge

Mechanics of Composite Materials IOC	Prof. H.P. Shinde	Mechanics of composite Materials DLE - III	Prof. H.P. Shinde
Finite element Methods IOC	Dr. U.V. Pise	Automatic Control DLE - III	Dr. S.S. Mohite Dr. P.H. Selmokar
Fracture Mechanics	Dr. P. Kumar	Effective Technical Communication	
Analysis and synthesis of mechanisms	Dr. A.P. Bhattu	Liberal Learning Course	
Optimization techniques in Design	Dr. M.J. Sabale	Research Methodology and Intellectual Property Rights	
Advance Engineering Materials DLE - II	Dr. M.H.Yadav	Lab. Course	Dr. A.P. Bhattu
Robotics DLE - II	Dr. S.S. Ohol		

Classroom for MCM : BASME – 03 (Near Danfoss Lab.)

Classroom for AC : PG Room (Opposite HOD Cabin)

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Classroom for Robotics : BASME – 03 (Near Danfoss Lab.)

Classroom for AEM : PG Room (Opposite HOD Cabin)

Mechanical Engineering Department
College of Engineering, Pune-05
Time – Table

Academic Year – 2021 - 22
 Term – Odd (Semester – II)
 Class / Division – MTech. Automotive Technology

With effect from – 24 /5 /2022
 Classroom : BASME- 02 (Near department Library)

TIME	09.00 AM to 10.00 AM	10.00 AM to 11.00 AM	11.00 AM to 12.00 NOON	12.00 NOON to 01.00 PM	01.00 PM to 02.00 PM	02.00 PM to 03.00 PM	03.00 PM to 04.00 PM	04.00 PM to 05.00 PM	05.00 PM to 06.00 PM
PERIOD	0	1	2	3	4	5	6	7	8
MON	Lectures and Lab. at ARAI								
TUE	Lectures and Lab. at ARAI								
WED	IOC	RM & IPR	CFD DLE - II	ICEM	-----	AED	EM & VI DLE - III	Mini Project	Mini Project
THU	IOC	RM & IPR	CFD DLE - II	ICEM	-----	AED	EM & VI DLE - III	ETC	LLC
FRI	IOC	-----	CFD DLE - II	ICEM	-----	AED	EM & VI DLE - III	Mini Project	LLC

Faculty In charge

Interdisciplinary Open Course		Automotive Mechatronics	From ARAI
IC Engine Modeling	Dr. S.V. Lahane	Finite Element Method DE - II	From ARAI
Automotive Engine Design	Dr. S.S. Pardeshi / Dr. Vora	Automotive Intelligence DE - III	From ARAI
Computational Fluid Dynamics DE - II	Dr. P.W. Deshmukh	Auto Lab-II	From ARAI
Energy Management and Vehicle Integration DE - III	Dr. Dhanjay Kumar	Mini Project	From COEP/ARAI
Effective Technical Communication			
Liberal Learning Course			
Research Methodology and Intellectual Property Rights			