NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M. TECH (MACHINE DESIGN)

W.E.F.: 22-08-2022 Room No. B309

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM	LUNCH	02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	MV			AMS				
TUE	PE-1	AMD	MV	PE-2			NS Lab	NS Lab	NS Lab
WED	PE-1	AMD	AMS	MV	CAGD		Sem-1	Sem-1	Sem-1
THU	PE-2	CAGD	AMD						
FRI	CAGD	PE-1	AMS				MD Lab	MD Lab	MD Lab

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5401	Advanced Mechanical Design (AMD)	3	Dr. Syed Ismail
02	ME5402	Advanced Mechanics of Solids (AMS)	3	Dr. P Suresh
03	ME5403	Mechanical Vibrations (MV)	3	Prof. P Bangaru Babu
04	ME5404	Computer Aided Geometric Design (CAGD)	3	Dr. Naresh
05	ME5408	Numerical Simulation Laboratory (NS Lab)	2	Dr. T. Selvan
06	ME5409	Machine Dynamics (MD Lab)	2	Prof. R Narasimha Rao
07	ME5448	Seminar - 1	1	Dr. B Satish Ben

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5411	Mechanics of Composite Materials (MCM)	BSB	MD	B309
ME5412	Characterization of Engineering Materials (CEM)	GR	MD, AE	B319

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5413	Analysis and Synthesis of Mechanism (ASM)	SK	MD, AE, MSED,	B309
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319

Faculty Advisor: Dr. G Raghavendra, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M. TECH. (AUTOMOBILE ENGINEERING)

W.E.F.: 22-08-2022 Room No. B317

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM		02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	AE	PMA				Sem-1	Sem-1	Sem-1
TUE	PE-1	AE	CMAE	PE-2	VBE	**LUNCH**	GMA Lab	GMA Lab	GMA Lab
WED	PE-1	CMAE	PMA	AE	PE-2 (CAGD)				
THU	PE-2	PE-2 (CAGD)	VBE	CMAE					
FRI	PE-2 (CAGD)	PE-1	PMA	VBE			AE Lab	AE Lab	AE Lab

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5501	Automotive Engineering (AE)	3	Dr. P Ravi Kumar
02	ME5502	Computational Methods in Automobile Engineering (CMAE)	3	Dr. Anant Kumar Rai
03	ME5503	Vehicle Body Engineering (VBE)	3	Dr. C. Hari Krishna
04	ME5504	Prime Movers for Automobiles (PMA)	3	Prof. G Amba Prasad Rao
05	ME5505	Automotive Engines Laboratory (AE Lab)	2	Dr. A Veeresh Babu
06	ME5506	Geometric Modeling and Automation (GMA Lab)	2	Dr. Gaurav Kumar Sharma
07	ME5548	Seminar-I	1	Dr. Karthik B

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308
ME5412	Characterization of Engineering Materials (CEM)	GR	MD, AE	B319
ME5513	Alternate Fuels and Emissions (AFE)	AVB	AE, TE	B317

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5312	Manufacturing Management (MM)	PSCB	CIM, MfE, AE, MSED, AM	B308
ME5404	Computer-Aided Geometric Design (CAGD)	Naresh	AE, TE	B309
ME5413	Analysis and Synthesis of Mechanism (ASM)	SK	MD, AE, MSED,	B309
ME5613	Mechanics of Metal Forming (MMF)	MB	MSED, MfE, AE, CIM, AM	B310

Faculty Advisor: Dr. Karthik B, Associate Professor, MED



Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M. TECH. (THERMAL ENGINEERING)

W.E.F.: 22-08-2022 Room No. B316

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM	LUNCH	02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	AFD	CMTE		AHMT				
TUE	PE-1	AFD	EMTE	PE-2	AHMT		Sem-1	Sem-1	Sem-1
WED	PE-1	EMTE	CMTE	AFD	PE-2 (CAGD)				
THU	PE-2	PE-2 (CAGD)	CMTE	AHMT	EMTE		CFD Lab	CFD Lab	CFD Lab
FRI	PE-2 (CAGD)	PE-1	TE Lab	TE Lab	TE Lab				

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5101	Advanced Fluid Dynamics (AFD)	3	Dr. Prashanth Anand Kumar Lam
02	ME5102	Computational Methods in Thermal Engineering (CMTE)	3	Sri. G R K Gupta
03	ME5103	Advanced Heat and Mass Transfer (AHMT)	3	Prof. S Srinivasa Rao
04	ME5104	Experimental Methods in Thermal Engineering (EMTE)	3	Dr. Ch Harikrishna
05	ME5105	Thermal Engineering Laboratory (TE L)	2	Dr. D Jaya Krishna
06	ME5106	CFD laboratory	2	Sri. G R K Gupta
07	ME5148	Seminar-I	1	Dr. Ch Harikrishna

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5111	Refrigeration Technology (RT)	VRKR	TE	B316
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308
ME5513	Alternate Fuels and Emissions (AFE)	AVB	AE, TE	B317

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5112	Power Plant Engineering (PPE)	KKK	TE	B316
ME5404	Computer-Aided Geometric Design (CAGD)	Naresh	AE, TE	B309
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319

Faculty Advisor: Dr. Ch Harikrishna, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M.TECH. (MANUFACTURING ENGINEERING)

W.E.F.: 22-08-2022 Room No. B307

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM	LUNCH	02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	ACAD					Sem-1	Sem-1	Sem-1
TUE	PE-1	MCTP		PE-2			ACAD		
WED	PE-1	CNC&AMT	MCTP		DAMT		CAE L	CAE L	CAE L
THU	PE-2	DAMT	MCTP	CNC&AMT			ACAD		
FRI		PE-1	CNC&AMT	DAMT			ME Lab	ME Lab	ME Lab

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5201	Metal Cutting – Theory and Practice (MCTP)	3	Prof. A Venugopal
02	ME5202	Design and Analysis of Machine Tools (DAMT)	3	Dr. P Vamsi Krishna
03	ME5203	CNC and AM Technologies (CNC&AMT)	3	Dr. P Subhash Chandra Bose
04	ME5204	Advanced CAD (ACAD)	3	Dr. Dr. N Sri Nagalakshmi
05	ME5205	Manufacturing Engineering Laboratory	2	Prof. A Venugopal
06	ME5206	CAE Laboratory	2	Dr. M Manjaiah
07	ME5248	Seminar – 1	1	Dr. Shivraman

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5211	Micro and Nano Manufacturing (MNM)	VV	MfE, CIM, MSED, AM	B307
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5312	Manufacturing Management (MM)	PSCB	CIM, MfE, AE, MSED, AM	B308
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319
ME5613	Mechanics of Metal Forming (MMF)	MB	MSED, MfE, AE, CIM, AM	B310
ME5711	Integrated Product Design and Development (IPDD)	GKS	AM, MfE, MSED	B315
ME5712	3D Printing	MM	MfE, CIM, MSED	B307

Faculty Advisor: Dr. Shivraman, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M.TECH. (COMPUTER INTEGRATED MANUFACTURING)

W.E.F.: 22-08-2022 Room No. B308

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM	LUNCH	02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	ACAD					CAE L	CAE L	CAE L
TUE	PE-1	IPCS	M&MEMS	PE-2			ACAD		
WED	PE-1	CNC&AMT	M&MEMS		IPCS		Sem-1	Sem-1	Sem-1
THU	PE-2	M&MEMS		CNC&AMT			ACAD		
FRI	IPCS	PE-1	CNC&AMT				M&A L	M&A L	M&A L

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5301	Integrated Production Control Systems (IPCS)	3	Dr. T Gangadharudu
02	ME5302	Mechatronics and MEMS (M&MEMS)	3	Dr. V Vasu
03	ME5203	CNC and AM Technologies (CNC&AMT)	3	Dr. P Subhash Chandra Bose
04	ME5204	Advanced CAD (ACAD)	3	Dr. N Sri Nagalakshmi
05	ME5305	Mechatronics and Automation Lab	2	Dr. V Vasu
06	ME5206	CAE Laboratory	2	Dr. M Manjaiah
07	ME5348	Seminar – 1	1	Dr. T Gangadharudu

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5211	Micro and Nano Manufacturing (MNM)	VV	MfE, CIM, MSED, AM	B307
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5312	Manufacturing Management (MM)	PSCB	CIM, MfE, AE, MSED, AM	B308
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319
ME5613	Mechanics of Metal Forming (MMF)	MB	MSED, MfE, AE, CIM, AM	B310
ME5712	3D Printing	MM	MfE, CIM, MSED	B307

Faculty Advisor: Dr. T Gangadharudu, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M.TECH. (MATERIALS SYSTEMS AND ENGINEERING DESIGN)

W.E.F.: 22-08-2022 Room No. B310

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM		02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	AMP		FEAMP		**L U N C H**	Sem-1	Sem-1	Sem-1
TUE	PE-1	MBC	AMP	PE-2					
WED	PE-1	FEAMP	MBC	AMP					
THU	PE-2	FEAMP		MBC			PS Lab	PS Lab	PS Lab
FRI		PE-1	MSD	MSD	MSD		AMPT L	AMPT L	AMPT L

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5601	Advanced Materials Processing (AMP)	3	Dr. G Venkatesh
02	ME5602	FEA in Materials Processing (FEAMP)	3	Dr. M J Davidson
03	ME5603	Mechatronics System Design (MSD)	3	NFTDC Faculty
04	ME5604	Mech. Behavior & Characterization (MBC)	3	Prof. K V Sai Srinadh
05	ME5605	Advanced Materials Processing and Testing Laboratory (AMPT Lab)	2	NFTDC Lab
06	ME5606	Process Simulation Laboratory (PS Lab)	2	Dr. M J Davidson
07	ME5648	Seminar - I	1	Dr. M Bhargava

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
ME5211	Micro and Nano Manufacturing (MNM)	VV	MfE, CIM, MSED, AM	B307
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5312	Manufacturing Management (MM)	PSCB	CIM, MfE, AE, MSED, AM	B308
ME5413	Analysis and Synthesis of Mechanism (ASM)	SK	MD, AE, MSED,	B309
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319
ME5613	Mechanics of Metal Forming (MMF)	MB	MSED, MfE, AE, CIM, AM	B310
ME5711	Integrated Product Design and Development (IPDD)	GKS	AM, MfE, MSED	B315
ME5712	3D Printing	MM	MfE, CIM, MSED	B307

Faculty Advisor: Dr. M Bhargava, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 I SEMESTER

I M.TECH. (ADDITIVE MANUFACTURING)

W.E.F.: 22-08-2022 Room No. B315

	8 to 9 AM	9 to 10 AM	10 to 11 AM	11 to 12 PM	12 to 01 PM	LUNCH	02 to 03 PM	03 to 04 PM	04 to 05 PM
MON	PE-2	DAM	CNC&AM	AMP					
TUE	PE-1	MBC	DAM	PE-2	PE-1 (LMT)		PP Lab	PP Lab	PP Lab
WED	PE-1	CNC&AM	MBC	PE-1 (LMT)	DAM			AMP	
THU	PE-2	CNC&AM	PE-1 (LMT)	MBC			Sem-1	Sem-1	Sem-1
FRI		PE-1	CAD/CAM Lab	CAD/CAM Lab	CAD/CAM Lab			AMP	

S. NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME5701	Design for Additive Manufacturing (DAM)	3	Dr. Y Ravi Kumar
02	ME5702	Additive Manufacturing Processes (AMP)	3	Prof. A Kumar
03	ME5703	CNC and AM Machines and Systems (CNC&AM)	3	Prof. N Selvaraj
04	ME5604	Mech. Behavior & Characterization (MBC)	3	Prof. K V Sai Srinadh
05	ME5705	CAD/CAM Lab	2	Dr. N Sri Nagalakshmi
06	ME5706	Polymer Printing Laboratory (PP Lab)	2	Prof. A Kumar
07	ME5748	Seminar – I	1	Dr. M Manjaiah

Program Elective-1 (PE-1)

Code	Subject	Faculty	Specialization	Room No.
PH5121	Lasers in Manufacturing Technology (LMT)	SR (Phy)	AM	B315
ME5211	Micro and Nano Manufacturing (MNM)	VV	MfE, CIM, MSED, AM	B307
ME5313	Soft Computing Techniques (SCT)	SR	CIM, AE, TE, MfE, MSED, AM	B308

Program Elective-2 (PE-2)

Code	Subject	Faculty	Specialization	Room No.
ME5312	Manufacturing Management (MM)	PSCB	CIM, MfE, AE, MSED, AM	B308
ME5415	Mathematical Methods in Engineering (MME)	TS	MD, TE, MfE, CIM, MSED, AM	B319
ME5613	Mechanics of Metal Forming (MMF)	MB	MSED, MfE, AE, CIM, AM	B310
ME5711	Integrated Product Design and Development (IPDD)	GKS	AM, MfE, MSED	B315

Faculty Advisor: Dr. M Manjaiah, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED