NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 II SEMESTER

I Year M. Tech (Thermal Engineering)

W.E.F.: 09.01.2023 Room No. B316

	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		GTJP	B2	B4	B3		B1	DOTS	
TUE	B1	B3	B4	GTJP	B2	**LUNCH**	ES Lab	ES Lab	ES Lab
WED	DOTS	B4					Sem	Sem	Sem
THU		B3	B2	GTJP	DOTS			B1	
FRI							TE Lab	TE Lab	TE Lab

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5151	Gas Turbines and Jet Propulsion (GTJP)	3	Sri. G R K Gupta
02	ME 5152	Design and Optimization of Thermal Systems (DOTS)	3	Dr. C Hari Krishna
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5105	Thermal Engineering LAB. (TE LAB.)	2	Prof. G Amba Prasad Rao
08	ME 5154	Energy Systems Laboratory (ES LAB.)	2	Prof. A Veeresh Babu
09	ME 5198	Seminar-II	1	Dr. C Hari Krishna

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK
	RP: Dr. CHK		

Program Coordinator: Dr. C Hari Krishna, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2022-23 II SEMESTER
I Year M. Tech (Automobile Engineering)

W.E.F.: 09.01.2023 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		AE	B2	B4	B3		B1		
TUE	B1	B3	B4	AE	B2	**LUNCH**	VD		
WED	VD	B4					EAS LAB	EAS LAB	EAS LAB
THU		B3	B2	AE				B1	
FRI		VD	AS Lab	AS Lab	AS Lab		Sem	Sem	Sem

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5551	Automotive Electronics (AE)	3	Dr. Anant Kumar Rai
02	ME 5552	Vehicle Dynamics. (VD)	3	Prof. V. Suresh Babu
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5553	Automotive Systems LAB. (AS LAB.)	2	Prof. G Naga Srinivasulu
08	ME 5554	Engineering Analysis and Simulation LAB. (EAS LAB.)	2	Dr. Prasanth Anand Kumar L
09	ME 5598	Seminar-II	1	Dr. Karthik Balasubramanian

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK
	RP: Dr. CHK		

Program Coordinator: Dr. Karthik B, Associate Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 II SEMESTER

I Year M. Tech (Machine Design)

W.E.F.: 09.01.2023 Room No. B309

	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		FEAD	B2	B4	B3		B1		
TUE	B1	B3	B4	PDD	B2				
WED		B4	FEAD	PDD		**LUNCH**	T&C Lab	T&C Lab	T&C Lab
THU		B3	B2	PDD	FEAD			B1	
FRI			M&A Lab	M&A Lab	M&A Lab		Sem	Sem	Sem

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5451	Product Design & Development (PDD)	3	Dr. Srikanth Korla
02	ME 5452	Finite Element Analysis for Design (FEAD)	3	Dr. Thamarai Selvam
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5458	Tribology and Composite Lab (T&C LAB.)	2	Prof. R.N Rao
08	ME 5459	Modelling and Analysis Lab (M&A LAB.)	2	Dr. Thamarai Selvan
09	ME 5498	Seminar-II	1	Dr. G Raghavendra

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK
	RP: Dr. CHK		

Program Coordinator: Dr. G Raghavendra, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2022-23 II SEMESTER
I Year M. Tech (Manufacturing Engineering)

W.E.F.: 09.01.2023 Room No. B307

	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		B5	B2	B4	B3		B1	AMT	
TUE	B1	B3	B4	PE	B2	**LUNCH**	AMT		
WED	PE	B4	B5				AM&MCT LAB	AM&MCT LAB	AM&MCT LAB
THU		B3	B2	AMT	B5			B1	
FRI		PE	PE LAB	PE LAB	PE LAB		Sem	Sem	Sem

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5251	Advanced Manufacturing Technology (AMT)	3	Prof. A. Kumar
02	ME 5252	Precision Engineering (PE)	3	Dr. P. Vamsi Krishna
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5253	Precision Engineering Lab. (PE LAB.)	2	Dr. Naresh
08	ME 5254	AM & MCT (AM&MCT LAB.)	2	Dr. M Manjaiah
09	ME 5298	Seminar-II	1	Prof. A Venu Gopal

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	Elective -V: B5
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK	FEAD – Dr. TS
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK	
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB	
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL	
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK	
	RP: Dr. CHK			

Program Coordinator: Dr. Shivraman, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 II SEMESTER

I Year M. Tech (CIM)

W.E.F.: 09.01.2023 Room No. B308

	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		B5	B2	B4	B3		B1	SACIM	
TUE	B1	B3	B4	FA	B2	**LUNCH**	SACIM		
WED		B4	B5	FA	SACIM		Sem	Sem	Sem
THU		B3	B2	FA	B5			B1	
FRI			CNCAM Lab	CNCAM Lab	CNCAM Lab		MS Lab	MS Lab	MS Lab

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5351	Systems Approach to CIM (SACIM)	3	Prof. PSC Bose
02	ME 5352	Factory Automation (FA)	3	Prof. N. Selvaraj
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5353	Manufacturing Simulation Lab.(MS LAB.)	2	Dr. T Gangadharudu
08	ME 5354	CNC & AM Laboratory (CNCAM LAB.)	2	Prof. PSC Bose
09	ME 5398	Seminar-II	1	Prof. PSC Bose

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	Elective – V: B5
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK	FEAD – Dr. TS
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK	
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB	
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL	
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK	
	RP: Dr. CHK			

Program Coordinator: Dr. T Gangadharudu, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 II SEMESTER

I Year M. Tech (Additive Manufacturing)

W.E.F.: 09.01.2023 Room No. B315

	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		B5	B2	B4	B3		B1	RTIA	
TUE	B1	B3	B4	MESBM	B2				
WED	RTIA	B4	B5	MESBM		**LUNCH**	MP Lab	MP Lab	MP Lab
THU		B3	B2	MESBM	B5		RTIA	B1	
FRI			Sem	Sem	Sem		MPC LAB	MPC LAB	MPC LAB

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5751	Materials, Energy Sources and Bonding Mechanisms (MESBM)	3	Prof. M.J. Davidson
02	ME 5752	Rapid Tooling and Industrial Applications (RTIA)	3	Dr. M Manjaiah
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5753	Metal Printing Lab (MP Lab.)	2	Prof. Y. Ravi Kumar
08	ME 5754	Materials and Part Characterization Lab (MPC LAB)	2	Prof. A Kumar
09	ME 5798	Seminar-II	1	Prof. N Selvaraj

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	Elective – V: B5
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK	FEAD – Dr.TS
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK	
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB	
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL	
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK	
	RP: Dr. CHK			

Program Coordinator: Dr. M. Manjaiah, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2022-23 II SEMESTER
I Year M. Tech (MSED)

W.E.F.: 09.01.2023 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		MPSD	B2	B4	B3		B1		
TUE	B1	B3	B4		B2	**LUNCH**	SE LAB	SE LAB	SE LAB
WED	MPSD	B4	Sem	Sem	Sem		CAE LAB	CAE LAB	CAE LAB
THU		B3	B2	MPSD				B1	
FRI			SED	SED	SED		B2-CSD	B2-CSD	B2-CSD

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5651	Materials and Process Selection for Design (MPSD)	3	Prof. K.V. Sai Srinath
02	ME 5652	Systems Engineering Design (SED)	3	NFTDC
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5653	CAE Laboratory (CAE Lab)	2	Dr. N Srinagalakshmi
08	ME 5654	Systems Engineering LAB (SE Lab)	2	NFTDC
09	ME 5698	Seminar-II	1	Prof. V Vasu

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. SR	I4IIoT: Dr. VV	DAE: Dr. Naresh	SCM: Prof. LK
TF: Dr. PAKL	PAM: Dr. MM	PDMA: Dr. GV	AMMA: Prof. YRK
NDTE: Prof. KVSS	CSD: NFTDC Faculty	CM&FD: Prof. BSB	FCT: Prof. AVB
	VTI: Prof. GAPR	HVAC: Prof. KKK	ACFD: Dr. PAKL
	Rob: Dr. GKS	ASM: Prof. GNS	OMED: Prof. VHK
	RP: Dr. CHK		

Program Coordinator: Dr. M. Bhargava, Assistant Professor, MED

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2022-23 II SEMESTER

List of M.Tech Bucket Electives (III, IV, V and VI)

Bucket-1 (Elective-III)

S.No.	Name of the Elective Course	Faculty	Room No.
1	ME5371: AI and ML for Mechanical Systems (AI&ML)	Dr. Shivraman (SR)	B311
2	ME5167: Turbulent Flows (TF)	Dr. Prasanth Anand Kumar Lam (PAKL)	B316
3	ME5664: Non Destructive Testing and Evaluation (NDTE)	Prof. K V S Saisrinadh (KVSS)	B310

Bucket-2 (Elective-IV)

S.No.	Name of the Elective Course	Faculty	Room No.
1	ME5368: Industry 4.0 and IIOT (I4IIOT)	Dr. V Vasu (VV)	B308
2	ME5762: Powders for Additive Manufacturing (PAM)	Dr. M Manjaiah (MM)	B315
3	ME5661: Controllers for System Design (CSD)	NFTDC Faculty	B310
4	ME5562: Vehicle Testing and Instrumentation (VTI)	Prof. G Amba Prasad Rao (GAPR)	B317
5	ME5468: Robotics	Dr. Gaurav Kumar Sharma (GKS)	B309
6	ME5169: Rocket Propulsion	Dr. C Hari Krishna (CHK)	B316

Bucket-3 (Elective-V)

S.No.	Name of the Elective Course	Faculty	Room No.
1	ME 5369: Design and Analysis of Experiments (DAE)	Dr. Naresh	B308
2	ME 5262: Product Design for Manufacturing Assembly (PDMA)	Dr. G. Venkatesh (GV)	B307
3	ME 5462: Condition Monitoring and Fault Diagnostics (CM&FD)	Prof. B Satish Ben (BSB)	B309
4	ME5161: Heating, Ventilation and Air Conditioning (HVAC)	Prof. K Kiran Kumar (KKK)	B316
5	ME 5563: Automotive Safety and Maintenance (ASM)	Prof. G Naga Srinivasulu (GNS)	B317

Bucket-4 (Elective-VI)

S.No.	Name of the Elective Course	Faculty	Room No.
1	ME 5361: Supply Chain Management (SCM)	Prof. L Krishnanand (LK)	B308
2	ME 5761: Additive Manufacturing in Medical Applications (AMMA)	Dr. Y. Ravi Kumar (YRK)	B315
3	ME5561: Fuel Cell Technology (FCT)	Prof. A Veeresh Babu (AVB)	B317
4	ME 5162: Advanced Computational Fluid Dynamics (ACFD)	Dr. Prasanth Anand Kumar Lam (PAKL)	B316
5	ME5469: Optimization Methods for Engineering Design (OMED)	Dr. V Hari Kumar (VHK)	B309

Dr. Syed Ismail
Time Table In-charge

Prof. V Suresh Babu
HoD, MED