NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2021-22 II SEMESTER

I Year M. Tech (Thermal Engineering)

W.E.F.: 03.01.2022 Room No. B316

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM	LUNCH	1.30 to 2.30 PM	3 to 4 PM
MON	B2	B4	B3		TE LAB.	
TUE	B4	B2	B1		ES LAB	
WED	B1	B3	B2		GTJP	DOTS
THU	B4	B1	B3		DOTS	GTJP
FRI	GTJP	DOTS			SEMINAR-II	

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. V R K Raju
ELECTIVES (III, IV, V, VI)				
LABORATORY SESSIONS				
07	ME 5105	Thermal Engineering LAB. (TE LAB.)	2	Prof. Puli Ravi Kumar
08	ME 5154	Energy Systems Laboratory (ES LAB.)	2	Prof. Amba Prasada Rao
09	ME 5198	Seminar-II	1	Dr. D. Jaya Krishna

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB

Program Coordinator: Dr. D. Jaya Krishna, 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 2021-22 II SEMESTER
I Year M. Tech (Automobile Engineering)

W.E.F.: 03.01.2022 Room No. B317

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM		1.30 to 2.30 PM	3 to 4 PM	4 to 5 PM
MON	B2	B4	B3	**L U N C H**	AE		VD
TUE	B4	B2	B1				
WED	B1	B3	B2		SEMINAR-II		AE
THU	B4	B1	B3		EAS LAB		VD
FRI		VD	AE		AS LAB		

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. Amba Prasada Rao
08	ME 5554	Engineering Analysis and Simulation LAB. (EAS LAB.)	2	Dr. Prasanth Anand Kumar L
09	ME 5598	Seminar-II	1	Dr. V.P.C. Mohan

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB

Program Coordinator: Dr. V.P.C. Mohan, 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 2021-22 II SEMESTER

I Year M. Tech (Machine Design)

W.E.F.: 03.01.2022 Room No. B309

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM		1.30 to 2.30 PM	3 to 4 PM	4 to 5 PM
MON	B2	B4	B3	**L**	FEAD	PDD	B5
TUE	B4	B2	B1	**U**		PDD	FEAD
WED	B1	B3	B2	**N**	M & A Lab	M & A Lab	
THU	B4	B1	B3	**C**	T & C Lab	T & C Lab	B5
FRI	PDD	B5	FEAD	**H**	Seminar - II		

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. B. Satish Ben

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	B5
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK	VD: Prof. VSB
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK	
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK	
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS	
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB	

Program Coordinator: Dr. B. Satish Ben, 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 2021-22 II SEMESTER
I Year M. Tech (Manufacturing Engineering)

W.E.F.: 03.01.2022 Room No. B307

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM	LUNCH	1.30 to 2.30 PM	3 to 4 PM	4 to 5 PM
MON	B2	B4	B3		B5	PE	AMT
TUE	B4	B2	B1		PE Lab	PE Lab	B5
WED	B1	B3	B2		AMT	PE	
THU	B4	B1	B3		AM&MCT Lab		
FRI		PE	B5		Seminar-II		AMT

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. P. Vamsi Krishna
08	ME 5254	AM & MCT (AM&MCT LAB.)	2	Dr. Shivraman
09	ME 5298	Seminar-II	1	Dr. G. Venkatesh

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	B5
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK	FEAD: Dr. TS
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK	
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK	
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS	
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB	

Program Coordinator: Dr. G. Venkatesh, 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 2021-22 II SEMESTER

I Year M. Tech (CIM)

W.E.F.: 03.01.2022 Room No. B308

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**	**4 to 5 PM**
MON	B2	B4	B3	**L U N C H**	B5	FA	SACIM
TUE	B4	B2	B1		FA	SACIM	B5
WED	B1	B3	B2		MS Lab	MS Lab	
THU	B4	B1	B3		CNCAM Lab		
FRI	SACIM	FA	B5		SEMINAR-II		

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5351	Systems Approach to CIM (SACIM)	3	Dr. 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. M. Vijaya Kumar
08	ME 5354	CNC & AM Laboratory (CNCAM LAB.)	2	Dr. PSC Bose
09	ME 5398	Seminar-II	1	Dr. M. Vijaya Kumar

Elective – III: B1	**Elective – IV: B2**	**Elective – V: B3**	**Elective – VI: B4**	**B5**
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK	FEAD: Dr. TS
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK	
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK	
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS	
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB	

Program Coordinator: Dr. M. Vijaya Kumar, 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 2021-22 II SEMESTER

I Year M. Tech (Additive Manufacturing)

W.E.F.: 03.01.2022 Room No. B315

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM	LUNCH	1.30 to 2.30 PM	3 to 4 PM	4 to 5 PM
MON	B2	B4	B3		B5	RTIA	MESBM
TUE	B4	B2	B1		MESBM	RTIA	B5
WED	B1	B3	B2		MPC Lab	MPC Lab	
THU	B4	B1	B3		MP Lab	MP Lab	
FRI	RTIA	MESBM	B5		Seminar - II		

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

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4	B5
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK	FEAD: Dr. TS
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK	
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK	
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS	
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB	

Program Coordinator: Dr. M. Manjaiah, 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 2021-22 II SEMESTER

I Year M. Tech (MSED)

W.E.F.: 03.01.2022 Room No. B310

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM	LUNCH	1.30 to 2.30 PM	3 to 4 PM	4 to 5 PM
MON	B2	B4	B3		MPSD	MPSD	
TUE	B4	B2	B1		MPSD	SE Lab	SE Lab
WED	B1	B3	B2		CAE Lab		
THU	B4	B1	B3		Seminar -II		
FRI	SED	SED	SED		B1-CSD	B1-CSD	B1-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 (KVSS)
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. P S C Bose
08	ME 5654	Systems Engineering LAB (SE Lab)	2	NFTDC
09	ME 5698	Seminar-II	1	Dr. Marrapu Bhargava (MB)

Elective – III: B1	Elective – IV: B2	Elective – V: B3	Elective – VI: B4
AI&ML: Dr. MVK	I4IIoT: Dr. VV	DAE: Prof. ANKR	SCM: Prof. LK
CSD: NFTDC	TD: Dr. RNR	PDMA: Dr. GV	DHTE: Dr. CHK
HVAC: Dr. SSR	FCT: Dr. AVB	ACT :Dr. GR	AMMA: Dr. YRK
	PAM: Dr. MM	CRHT: Dr. VPCM	ASM: Dr. GNS
	TF: Dr. PAKL	HEV: Dr. PRK	CM&FD: Dr. BSB

Program Coordinator: 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 2021-22 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
1	ME5371: AI and ML for Mechanical Systems (AI&ML)	Dr. M Vijaya Kumar (MVK)
2	ME5661: Controllers for System Design (CSD)	NFTDC Faculty
3	ME5161: Heating, Ventilation and Air Conditioning (HVAC)	Prof. S Srinivasa Rao (SSR)

Bucket-2 (Elective-IV)

S.No.	Name of the Elective Course	Faculty
1	ME5368: Industry 4.0 and IIOT (I4IIOT)	Dr. V Vasu (VV)
2	ME5762: Powders for Additive Manufacturing (PAM)	Dr. M Manjaiah (MM)
3	ME5466: Tribology in Design (TD)	Prof. R N Rao (RNR)
4	ME5167: Turbulent Flows (TF)	Dr. Prasanth Anand Kumar Lam (PAKL)
5	ME5561: Fuel Cell Technology (FCT)	Dr. A Veeresh Babu (AVB)

Bucket-3 (Elective-V)

S.No.	Name of the Elective Course	Faculty
1	ME 5369: Design and Analysis of Experiments (DAE)	Prof. A.N.K Rao (ANKR)
2	ME 5262: Product Design for Manufacturing Assembly (PDMA)	Dr. G. Venkatesh (GV)
3	ME 5467: Advanced Composite Technology (ACT)	Dr. G Raghavendra (GR)
4	ME 5164: Conduction and Radiation Heat Transfer (CRHT)	Dr. V P Chandra Mohan (VPCM)
5	ME 5564: Hybid Electric Vehicles (HEV)	Prof. P Ravi Kumar (PRK)

Bucket-4 (Elective-VI)

S.No.	Name of the Elective Course	Faculty
1	ME 5361: Supply Chain Management (SCM)	Prof. L Krishnanand (LK)
2	ME 5761: Additive Manufacturing in Medical Applications (AMMA)	Dr. Y. Ravi Kumar (YRK)
3	ME 5462: Condition Monitoring and Fault Diagnostics (CM&FD)	Dr. B Satish Ben (BSB)
4	ME 5166: Design of Heat Transfer Equipment (DHTE)	Dr. C. Hari Krishna (CHK)
5	ME 5563: Automotive Safety and Maintenance (ASM)	Dr. G Naga Srinivasulu (GNS)

Dr. Syed Ismail
Time Table In-charge

Prof. A. Kumar
HoD, MED