NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2020-21 I SEMESTER

I Year M. Tech (Thermal Engineering)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**
MON	B1 (SYN. MODE)	AFM (VPCM)	B2 (SYN. MODE)		CFD Laboratory (VRKR)	
TUE	AHMT (SSR)	B1	AFM (VPCM) (SYN. MODE)		CMTE (VRKR)	
WED	ICEA (AVB)	AHMT (SSR) (SYN. MODE)	B1	**LUNCH**	SEMINAR (DJK)	
THU	CMTE (VRKR) (SYN. MODE)	ICEA (AVB)	AHMT (SSR)		B2	AFM (VPCM)
FRI	B2	CMTE (VRKR)	ICEA (AVB) (SYN. MODE)		SIM Laboratory (DJK)	
SAT	**Refer the Academic Calendar**					

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5101	Advanced Fluid Mechanics (AFM)	3	Dr. V.P.C Mohan (VPCM)
02	ME 5102	Computational Methods in Thermal Engg. (CMTE)	3	Dr. V. R.K. Raju (VRKR)
03	ME 5103	Advanced Heat and Mass Transfer (AHMT)	3	Prof. S. Srinivasa Rao (SSR)
04	ME 5104	IC Engines and Alternate Power Sources (ICEA)	3	Dr. A. Veeresh Babu (AVB)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
05	ME 5191	Simulation Lab. (SIM LAB.)	2	Dr. D. Jaya Krishna (DJK)
06	ME 5142	CFD Laboratory (CFD LAB.)	2	Dr. V. R.K. Raju (VRKR)
07	ME 5143	Seminar-I	1	Dr. D. Jaya Krishna (DJK)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

Program Coordinator: Dr. D. Jaya Krishna, Associate Professor, MED

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2020-21 I SEMESTER
I Year M. Tech (Automobile Engineering)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	10 to 11 AM	11.30 to 12.30 PM		1.30 to 2.30 PM	3 to 4 PM
MON	B1 (SYN. MODE)	AE (GNS)	B2 (SYN. MODE)		COMP LAB (CSK)	
TUE	MV (PBB)	B1	AE (GNS) (SYN. MODE)		CMTE (VRKR)	
WED	ICEA (AVB)	MV (PBB) (SYN. MODE)	B1	**LUNCH**	AE LAB (GNS)	
THU	CMTE (VRKR) (SYN. MODE)	ICEA (AVB)	MV (PBB)		B2	AE (GNS)
FRI	B2	CMTE (VRKR)	ICEA (AVB) (SYN. MODE)		SEMINAR (VPCM)	
SAT	**Refer the Academic Calendar**					

S.NO	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5501	Automobile Engineering (AE)	3	Dr. G.N. Srinivasulu (GNS)
02	ME 5102	Computational Methods in Thermal Engg. (CMTE)	3	Dr. V. R.K. Raju (VRKR)
03	ME 5403	Mechanical Vibration (MV)	3	Prof. P.Bangaru Babu (PBB)
04	ME 5104	IC Engines and Alternate Power Sources (ICEA)	3	Dr. A. Veeresh Babu (AVB)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5541	Automotive Engineering Laboratory (AE LAB.)	2	Dr. G.N. Srinivasulu (GNS)
08	ME 5542	Computational Laboratory (COMP LAB.)	2	Dr.Ch. Sampath Kumar (CSK)
09	ME 5543	Seminar-I	1	Dr. V.P.C. Mohan (VPCM)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

Program Coordinator: Dr. V.P.C. Mohan, Associate Professor, MED

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2020-21 I SEMESTER

I Year M. Tech (Machine Design)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**
MON	B1 (SYN. MODE)	AMS (PS)	B2 (SYN. MODE)		SEMINAR (BSB)	
TUE	MV (PBB)	B1	AMS (PS) (SYN. MODE)	**L U N C H**	CAGD (VHK)	
WED	AMD (SI)	MV (PBB) (SYN. MODE)	B1		DL1 LAB (SK)	
THU	CAGD (VHK) (SYN. MODE)	AMD (SI)	MV (PBB)		B2	AMS (PS)
FRI	B2	CAGD (VHK)	AMD (SI) (SYN. MODE)		NS LAB (TS)	
SAT	**Refer the Academic Calendar**					

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5401	Advanced Mechanical Design (AMD)	3	Dr. Syed Ismail (SI)
02	ME 5402	Advanced Mechanics of Solids (AMS)	3	Dr. P. Suresh (PS)
03	ME 5403	Mechanical Vibration (MV)	3	Prof. P.Bangaru Babu (PBB)
04	ME 5404	Computer Aided Geometric Design (CAGD)	3	Dr. V. Hari Kumar (VHK)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5441	Numerical Simulation Laboratory (NS LAB.)	2	Dr. Thamarai Selvan (TS)
08	ME 5442	Design Lab -1 (DL1 Lab.)	2	Dr. Srikanth Korla (SK)
09	ME 5443	Seminar-I	1	Dr. B. Satish Ben (BSB)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

Program Coordinator: Dr. B. Satish Ben, Associate Professor, MED

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2020-21 I SEMESTER
I Year M. Tech (Manufacturing Engineering)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**
MON	B1 (SYN. MODE)	DAMT (PVK)	B2 (SYN. MODE)		CAE LAB. (MM)	
TUE	ACAD (VHK)	B1	DAMT (PVK) (SYN. MODE)	**L U N C H**	CNCAM (PSCB)	
WED	MCTP (AVG) (SYN. MODE)	ACAD (VHK)	B1		ME LAB. (TG)	
THU	CNCAM (PSCB)	MCTP (AVG)	ACAD (VHK) (SYN. MODE)		B2	DAMT (PVK)
FRI	B2	CNCAM (PSCB) (SYN. MODE)	MCTP (AVG)		SEMINAR (GV)	
SAT	**Refer for the Academic Calendar**					

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5201	Metal Cutting – Theory and Practice (MCTP)	3	Prof. A. Venu Gopal (AVG)
02	ME 5202	Design and Analysis of Machine Tools (DAMT)	3	Dr. P. Vamsi Krishna (PVK)
03	ME 5203	CNC & AM Technologies (CNCAM)	3	Dr. PSC Bose (PSCB)
04	ME 5204	Advanced CAD (ACAD)	3	Dr. V. Hari Kumar (VHK)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5241	Manufacturing Engineering Lab. (ME LAB.)	2	Dr. Gangadharudu Talla (TG)
08	ME 5442	CAE Laboratory (CAE LAB.)	2	Dr. M. Manjaiah (MM)
09	ME 5443	Seminar-I	1	Dr. G. Venkatesh (GV)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

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

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL

DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2020-21 I SEMESTER

I Year M. Tech (CIM)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**
MON	B1 (SYN. MODE)	IPCS (ANKR)	B2 (SYN. MODE)		CAE LAB. (MM)	
TUE	ACAD (VHK)	B1	IPCS (ANKR) (SYN. MODE)		CNCAM (PSCB)	
WED	MMEMS (VV) (SYN. MODE)	ACAD (VHK)	B1	**L U N C H**	MA LAB. (VV)	
THU	CNCAM (PSCB)	MMEMS (VV)	ACAD (VHK) (SYN. MODE)		B2	IPCS (ANKR)
FRI	B2	CNCAM (PSCB) (SYN. MODE)	MMEMS (VV)		SEMINAR (MVK)	
SAT	**Refer the Academic Calendar**					

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5301	Integrated Production Control Systems (IPCS)	3	Prof. A.N.K Rao (ANKR)
02	ME 5302	Mechatronics and MEMS (MMEMS)	3	Dr. V.Vasu (VV)
03	ME 5203	CNC & AM Technologies (CNCAM)	3	Dr. PSC Bose (PSCB)
04	ME 5204	Advanced CAD (ACAD)	3	Dr. V. Hari Kumar (VHK)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5341	Mechatronics and Automation Lab. (MA LAB.)	2	Dr. V.Vasu (VV)
08	ME 5242	CAE Laboratory (CAE LAB.)	2	Dr. M. Manjaiah (MM)
09	ME 5343	Seminar-I	1	Dr. M. Vijaya Kumar (MVK)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

Program Coordinator: Dr. M. Vijaya Kumar, Assistant Professor, MED

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING

TIME-TABLE

ACADEMIC YEAR 2020-21 I SEMESTER

I Year M. Tech (Additive Manufacturing)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	8 to 9 AM	**10 to 11 AM**	**11.30 to 12.30 PM**		**1.30 to 2.30 PM**	**3 to 4 PM**
MON	B1 (SYN. MODE)	CNCAM (NSR)	B2 (SYN. MODE)		AM LAB. (AK)	
TUE	MBCM (KVSS)	B1	CNCAM (NSR) (SYN. MODE)	**L U N C H**	CAD AM (YRK)	
WED	AMP (AK)	MBCM (KVSS) (SYN. MODE)	B1		SEMINAR (MM)	
THU	CAD AM (YRK) (SYN. MODE)	AMP (AK)	MBCM (KVSS)		B2	CNCAM (NSR)
FRI	B2	CAD AM (YRK)	AMP (AK) (SYN. MODE)		CAD/CAM LAB. (YRK)	
SAT	**Refer the Academic Calendar**					

S.NO.	**COURSE CODE**	**COURSE TITLE**	**CREDITS**	**FACULTY NAME**
01	ME 5701	CAD for Additive Manufacturing (CAD AM)	3	Dr. Y. Ravi Kumar (YRK)
02	ME 5702	Additive Manufacturing Processes (AMP)	3	Prof. A. Kumar (AK)
03	ME 5703	CNC and AM Machines and Systems (CNCAM)	3	Prof. N. Selvaraj (NSR)
04	ME 5604	Mechanical Behavior & Characterization of Materials (MBCM)	3	Prof. K.V. Sai Srinath (KVSS)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5741	Additive Manufacturing Lab. – I (AM-1 LAB.)	2	Prof. A. Kumar (AK)
08	ME 5742	CAD/CAM Laboratory (CAD/CAM LAB.)	2	Dr. Y. Ravi Kumar (YRK)
09	ME 5743	Seminar-I	1	Dr. M. Manjaiah (MM)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

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

Dr. Y. Ravi Kumar
Time Table In-charge

Prof. A. Kumar
HoD, MED

NATIONAL INSTITUTE OF TECHNOLOGY: WARANGAL
DEPARTMENT OF MECHANICAL ENGINEERING
TIME-TABLE
ACADEMIC YEAR 2020-21 I SEMESTER
I Year M. Tech (MSED)

W.E.F.: ONLINE MODE (Refer the Academic Calendar)

	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	B1 (SYN. MODE)	FEAMP (MJD)	B2 (SYN. MODE)		CAE LAB. (MM)	
TUE	MBCM (KVSS)	B1	AMP (GV) (SYN. MODE)		SEMINAR (MB)	
WED	AMP (GV)	MBCM (KVSS) (SYN. MODE)	B1		PS LAB. (MJD)	
THU	FEAMP (MJD) (SYN. MODE)	AMP (GV)	MBCM (KVSS)		B2	
FRI	B2	NFTDC (SYN. MODE)	NFTDC		NFTDC	FEAMP (MJD)
SAT	**Refer the Academic Calendar**					

S.NO.	COURSE CODE	COURSE TITLE	CREDITS	FACULTY NAME
01	ME 5601	Advanced Materials Processing (AMP)	3	Dr. G. Venkatesh (GV)
02	ME 5602	Finite Element Applications in Materials Processing (FEAM)	3	Dr. M.J. Davidson (MJD)
03	ME 5603	Mechatronics System Design (MSD)	3	NFTDC
04	ME 5604	Mechanical Behaviour & Characterization of Materials (MBCM)	3	Prof. K.V. Sai Srinath (KVSS)
ELECTIVES: As Per Buckets (B1 & B2)				
LABORATORY SESSIONS				
07	ME 5691	CAE Laboratory (CAE LAB.)	2	Dr. M. Manjaiah (MM)
08	ME 5642	Process Simulation Laboratory (PS LAB.)	2	Dr. M.J. Davidson (MJD)
09	ME 5643	Seminar-I	1	Dr. Marrapu Bhargava (MB)

Bucket-1 (Elective-I)	MNM (Dr. VV)	IPDD (Dr. SK)	TC (Dr. SR)	MM (Dr. PSCB)	TSD (Dr. RNR)	ASM (Dr. VSB)	RT (Dr. KK)
Bucket-2 (Elective-II)	AMF (Dr. MB)	SCT (Dr. MVK)	AM (Dr. MM)	ACT (Dr. GR)	CM (Dr. BSB)	AE (Dr. AKR)	PPE (Dr. SA)

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

Dr. Y. Ravi Kumar
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HoD, MED

List of Electives for I SEM. M.Tech for the AY 2020-21 (Odd Semester)

S.N	Name of the Elective Course	Faculty
Bucket-1 (Elective-I)		
1	ME 5221: Micro and Nano Manufacturing (MNM)	Dr. V. Vasu (VV)
2	ME 5721: Integrated Product Design and Development (IPDD)	Dr. Srikanth Korla (SK)
3	ME 5674: Thermal Coating (TC)	Dr. Shivaraman (SR)
4	ME 5331: Manufacturing Management (MM)	Dr. PSC Bose (PSCB)
5	ME 5471: Tribological Systems Design (TSD)	Prof. R.N Rao (RNR)
6	ME 5421: Analysis & Synthesis of Mechanisms (ASM)	Prof. V. Suresh Babu (VSB)
7	ME 5111: Refrigeration Technology (RT)	Dr. K. Kiran Kumar (KKK)
Bucket-2 (Elective-II)		
1	ME 5621: Advanced Metal forming (AFM)	Dr. Marrapu Bhargava (MB)
2	ME 5336: Soft Computing Techniques (SCT)	Dr. M. Vijaya Kumar (MVK)
3	ME 5731: Additive Manufacturing (AM)	Dr. M. Manjaiah (MM)
4	ME 5474: Advanced Composite Technologies (ACT)	Dr. G. Raghavendra (GR)
5	ME 5472: Condition Monitoring (CM)	Dr. B. Satish Ben (BSB)
6	ME 5511: Automotive Electronics (AE)	Dr. Anant Kumar Rai (AKR)
7	ME 5121: Power Plant Engineering (PPE)	Dr. Satyanand Abraham (SA)

Dr. Y. Ravi Kumar
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Prof. A. Kumar
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