

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

MECHANICAL ENGINEERING

B. Tech 4thYear 1st Semester (Gr 1: 2157001- 2157051, Gr 2: 2157052-2157086)

SESSION: 2024-2025

DAY	GROUP	9.00 AM – 10.00 AM	10.00 AM – 11.00 AM	11.00 AM – 12 NOON	12 NOON – 1.00 PM	1.00 PM – 2.00 PM	2.00 PM – 3.00 PM	3.00 PM – 4.00 PM	4.00 PM – 5.00 PM	5.00 PM – 6.00 PM
MON	GR. 1	MECH 4195		MECH 4121 /ABS/CME 508	MECH 4127 /RD/CME 109	BREAK	HMTS 4101/ID/CME 104	MECH 4142/AKR/CME 109	MENTORING /CME 109	
	GR. 2			CIVL 4121 /BS/CME 212	CIVL 4126 /SK/CME 104			MECH 4143/SDR/CME 104		
TUE	GR. 1	Advanced Manufacturing and Automation Lab (Value Added Course)/SK/CME B11/RK,MC			BREAK	MECH 4195	Advanced Manufacturing and Automation (Value Added Course) /SH/CME 316	MECH 4142/AKR/CME 109		
	GR. 2							MECH 4143/AB/CME 104	MECH 4144/AR/CME 117	
WED	GR. 1	HMTS 4101 /SMC/ CME 109		MECH 4121 /RB/CME 508	MECH 4127 /RD/CME 109	BREAK	LIBRARY	Advanced Manufacturing and Automation (Value Added Course) /SK/CME 104		MECH 4195
	GR. 2			CIVL 4121 /CB/CME 109	CIVL 4126 /PBC/CME 104					
THU	GR. 1	Advanced Manufacturing and Automation Lab (Value Added Course)/SH/CME B11/RK,MM		BREAK		MECH 4195	HMTS 4101/ SMC/CME 109	MECH 4142/AB/CME 109		
	GR. 2							MECH 4143/SDR/CME 104		
FRI	GR. 1	Advanced Manufacturing and Automation (Value Added Course) /SK/CME 109		MECH 4121 /ABS/CME 508	MECH 4127 /VKS/CME 109	BREAK	MECH 4195			
	GR. 2			CIVL 4121 /CB/CME 109	CIVL 4126 /PBC/CME 104					

To be Effective from 18.07.2024

A minimum of 75% attendance is mandatory for being eligible to sit for the End-Semester Examination
Students should target 100% attendance

Sethaker
Rajesh

Member

HOD

[Signature]

[Signature]

Principal

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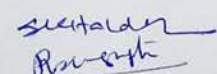
Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
AKR	Prof. (Dr.) Amal Kumar Ray	ME	RK	Mr. Rajib Khan	ME
ABS	Prof. Amalendu Biswas	ME	MC	Mr. Manoj Chatterjee	ME
RD	Prof. Rajat Dutta	ME	MM	Mr. Mrinmoy Mondal	ME
SK	Prof. Subham Kundu	ME			
SH	Prof. Sudip Kumar Halder	ME			
RB	Prof. Ranojit Banerjee	ME			
VKS	Prof. Vishnu Kumar Singh	ME			
SDR	Prof. Sudipta Roy	ME			
AB	Prof. Anubhab Basu	ME			
AR	Prof. Avik Ray	ME			
ID	Prof. Indrani De	HUM			
SMC	Prof. Syamantak Chhtrapadhyay	HUM			
BS	Prof. Bedshruti Sen	CE			
CB	Prof. (Dr.) Chandrima Bhadra	CE			
SK	Prof. Saurav Kar	CE			
PBC	Prof. (Dr) Puja Basu Chaudhuri	CE			


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COURSE STRUCTURE: 4th Year 1st Semester Curriculum:

Sl No.	Category	Course Code	Course Title	Contact Hrs/Week				Credit Points
				L	T	P	Total	
1	Humanities	HMTS 4101	Principles of Management	3	0	0	3	3
2	Professional Elective Courses	MECH 4141-4144	Professional Elective - IV	3	0	0	3	3
3	Open Elective Courses	4121-4125	Open Elective-II (Emerging Field)	3	0	0	3	3
4	Open Elective Courses	4126-4130	Open Elective-III (Emerging Field)	3	0	0	3	3
Total Theory				12	0	0	12	12
Sessional								
1	Project/ Summer internship	MECH 4191	Industrial Training /Summer internship	-	-	-	-	2
2	Project	MECH 4195	Project - I	0	0	8	8	4
Total Sessional				0	0	8	8	6
Total of Semester				12	0	8	20	18

List of Professional Elective - IV

1. MECH 4141 : Maintenance Engineering
2. MECH 4142 : Materials Handling
3. MECH 4143 : Operations Research
4. MECH 4144 : Automobile Engineering

List of Open Elective- II :Emerging Field (Mech) or other departmental subjects

1. MECH 4121 : CAD/CAM
2. MECH 4122 : Micro and Nano Manufacturing
3. CIVL 4121 : Project Planning and Management
4. AEIE 4121 : Instrumentation and Telemetry

List of Open Elective- III :Emerging Field (Mech) or other departmental subjects

1. MECH 4126 : Renewable Energy Systems
2. MECH 4127 : Industrial Robotics

3. MECH 4128 : Computational Methods in Engineering
4. CIVL 4126 : An introduction to Concrete Technology

List of Open Electives offered by ME Department for other departments:

For Open Elective II

1. MECH 4123 : Mechanical Handling of Materials
2. MECH 4124 : Engineering Computational Techniques

For Open Elective III

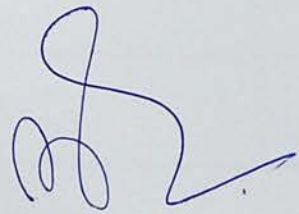
1. MECH 4129 : Quality Control & Management
2. MECH 4130 : Ecology and Environmental Engineering

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Secretary
R. Srinivas
Member

HOD 


Principal

Principal