

**HERITAGE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING**

**B. Tech.: 4<sup>th</sup> Year 7<sup>th</sup> Semester (Sec-A)**

**TIME TABLE**

**SESSION: 2021 – 2022 (Odd Semester)**

**(A1: 1857001 - 1857040; A2: 1857041 -1857081)**

DAY		9.00 AM – 9.50 AM	9.55 AM – 10.45 AM	10.50 AM – 11.40 AM	11.45 AM – 12.25 PM	12.25 PM – 1.15 PM	1.20 PM – 2.10 PM	2.15 PM – 3.05 PM	3.10 PM – 4.00 PM	4.05 PM – 4.55 PM	5.00 PM – 5.50 PM
MON	Gr 1	MECH 4111/ME A/SH/	HMTS 4101/ ME A/GF3/		LUNCH BREAK	MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/BD /	MECH 4126/SKS/ MECH 4127/SDR/ MECH 4128/SBH/ CIVL 4126/DG/		Project		
	Gr 2										
TUE	Gr 1	MECH 4161/ME A1/SNM/ RK,MC		REMEDIAL/		MECH 4141/JS/ MECH 4142/SBH/ MECH 4143/SDR / MECH 4144/SNM/	HMTS 4101/ME A/GF1 /		Project		
	Gr 2										
WED	Gr 1	MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/SDR/ MECH 4144/SNM/	REMEDIAL/	LIBRARY		MECH 4121/ABS/ MECH 4122/SK/ CIVL 4121/BD/	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SBH/ CIVL 4126/DG /		Project		
	Gr 2										
THU	Gr 1	MECH 4161/ME A2/SH/ MC,APB		MECH 4111/ ME A/ SH/		MECH 4141/BP/ MECH 4142/SSP/ MECH 4143/AB/ MECH 4144/SNM/			Project		
	Gr 2										
FRI	Gr 1	MECH 4111/ME A/RD/	HMTS 4101/ ME A/GF1/			MECH 4121/ABS/ MECH 4122/RD/ CIVL 4121/ CB/	MECH 4126/SKS/ MECH 4127/RD/ MECH 4128/SB/ CIVL 4126/ TD/		Project		
	Gr 2										

**To be effective from 1<sup>st</sup> Oct, 2021.**

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

**Member**

**HOD**

**Principal**

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<b>INITIALS</b>	<b>FULLNAME</b>	<b>DEPARTMENT</b>
BD	Prof. Biswarup Das	CE
CB	Prof. Chandrima Bhadra	CE
DG	Prof. Debanjan Ghosh	CE
TD	Prof. Tushar Das	CE
GF1	Guest Faculty	HUM
GF3	Guest Faculty	HUM
SH	Prof. Sudip Kumar Halder	ME
ABS	Prof. Amalendu Biswas	ME
SK	Prof. Subham Kundu	ME
RD	Prof. Rajat Duta	ME
SDR	Prof. Sudipta Roy	ME
SBH	Prof. Sovan Bhowmick	ME
SNM	Prof. S. N. Mukhopadhyay	ME
JS	Prof. (Dr.) Jyotirmoy Saha	ME
BP	Prof. Bankim Pattanayak	ME
SSP	Prof (Dr.) Suswagata Poria	ME
SKS	Prof. Sukanta Saha	ME
AB	Prof. Anubhab Basu	ME
SB	Prof. (Dr.) Sumanta Banerjee	ME

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<b>Theory</b>								
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
<b>Total Theory</b>				<b>12</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>12</b>
<b>Sessional</b>								
1	Project/ Summer internship	MECH 4191	Industrial Training /Summer internship	-	-	-	-	2
2	Project	MECH 4195	Project - I	0	0	8	8	4
<b>Total Sessional</b>				<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>6</b>
<b>Total of Semester</b>				<b>12</b>	<b>0</b>	<b>8</b>	<b>20</b>	<b>18</b>
<b>Honours Course</b>								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 4111	Advanced Manufacturing and Automation	3	0	0	3	3
2	Professional Core Courses	MECH 4161	Advanced Manufacturing and Automation Lab	0	0	2	2	1
<b>Total Semester with Honours</b>				<b>15</b>	<b>0</b>	<b>10</b>	<b>25</b>	<b>22</b>

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**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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