

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<MECHANICAL ENGINEERING>

3<sup>rd</sup> Year 2nd Semester

SESSION: 2023-2024

B. Tech

Group - I : Class Roll: 2157001-2157051

Group - II: Class Roll: 2157052-2057086

DAY	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 4:00	4:00 - 5:00	5:00 - 5:00
MON	L/MECH 3230/ RB/CME817 L/MECH 3237/ PG/CME212 L/MECH 3239/ SKS/CME109	L/MECH 3201/RM/CME 109	Remedial / CME 109	Break	L/MECH 3221/SB/CME117 L/MECH 3222/SDR/CME109 L/MECH 3224/AKR/CME212	P/MECH 3251/AJB/SCB+SG/CME B04			
						P/MECH 3259/SH/APB+MC/CME B09			
TUE	L/MECH 3201/ABS/CME 109	HMTS 3201/BS/CME 109	L/MECH 3211/SB/C ME 109	L/MECH 3231/ABS/CME117 L/MECH 3232/RD/CME104 L/MECH 3233/AM/CME109	Break	HMTS 3201/BS/CME 109	Mentoring		
WED	L/MECH 3230/AKR/CME117 L/MECH 3237/DB/CME104 L/MECH 3239/SS/CME109	L/MECH 3231/ABS/CME117 L/MECH 3232/RD/CME104 L/MECH 3233/AM/CME109	L/MECH 3201/RM/C ME 109	Break	L/MECH 3221/AR/CME117 L/MECH 3222/SK/CME109 L/MECH 3224/SH/CME212	P/MECH 3259/SDR/SCD+RX/CME B09			
						P/MECH 3261/SB/SCB+SG/CME B04			
THU	L/MECH 3231/ABS/CME117 L/MECH 3232/VKS/CME109 L/MECH 3233/RS/CME212	L/MECH 3238/AKR/CME117 L/MECH 3237/PG/CME212 L/MECH 3238/SS/CME109	L/MECH 3201/ABS/ CME 109	Break	L/MECH 3211/AJB/CME 109	S/MECH 3293/SKS/CME117			
						S/MECH 3293/SK/CME109			
FRI	P/MECH 3281/ABS/SJ/CME030 P/MECH 3282/RD/SCD+SG/CME215 P/MECH 3283/SKS/MC+RR/CME013			L/MECH 3221/SB/CME104 L/MECH 3224/AKR/CME109	Break	L/MECH 3211/AJB/CM E 109	HMTS 3201/D/CB202		
				Break	L/MECH 3222/SDR/CME109				

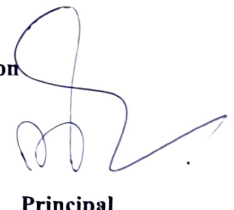
To be Effective from 15th Jan, 2024

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

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<MECHANICAL ENGINEERING>

3<sup>rd</sup> Year 2nd Semester

SESSION: 2023-2024

B. Tech

## Faculty Details:

## TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
RB	Ranojit Banerjee	ME	SCD	Shyamchand De	ME
PG	Pritam Ghosh	ME	RK	Rajib Khan	ME
SKS	Sukanta Saha	ME	SCB	Sanat Chandra Basu	ME
RM	Ritwik Mondal	ME	SG	Sudipta Goswami	ME
SB	Sumanta Banerjee	ME	APB	Anupam Biswas	ME
SDR	Sudipta Roy	ME	MC	Manoj Chatterjee	ME
AKR	Amal Kumar Ray	ME	SJ	Subham Jana	ME
AJB	Arup Jyoti Bhowal	ME	RR	Ritesh Roy	ME
SH	Sudip Kumar Halder	ME			
ABS	Amalendu Biswas	ME			
BS	Bandana Sinha	HMTS			
RD	Rajat Dutta	ME			
AM	Arindam Mondal	ME			
DB	Debiprasad Banerjee	ME			
AR	Avik Ray	ME			
SK	Subham Kundu	ME			
VKS	Vishnu Kumar Singh	ME			
RS	Rajarshi Sengupta	ME			
SS	Sukanta Sarkar	ME			
ID	Indrani De	HMTS			

To be Effective from 15<sup>th</sup> Jan, 2024

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

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<MECHANICAL ENGINEERING>

3<sup>rd</sup> Year 2<sup>nd</sup> Semester

SESSION: 2023-2024

B. Tech

COURSE STRUCTURE:

3<sup>rd</sup> Year 2<sup>nd</sup> Semester Curriculum:

Sl. No.	Category	Course Code	Theory Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
				1	Humanities	HMTS 3201	Economics for Engineers	
2	Professional Core Courses	MECH 3201	Machine Design- II	3	0	0	3	3
3	Professional Elective Courses	MECH 3231-3233	Professional Elective - II	3	0	0	3	3
4	Professional Elective Courses	MECH 3236-3239	Professional Elective - III	3	0	0	3	3
5	Open Elective Courses		Open Elective-I	3	0	0	3	3
<b>Total Theory</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>15</b>
		Laboratory/ Practical						
1	Professional Core Courses	MECH 3256	Machining & Machine Tools Lab	0	0	3	3	1.5
2	Professional Elective Courses	MECH 3281-3283	Professional Elective -II Lab	0	0	2	2	1
3	Seminar	MECH 3293	Seminar & Term Thesis	0	0	4	4	2
<b>Total Practical</b>				<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>4.5</b>
<b>Total of Semester</b>				<b>15</b>	<b>0</b>	<b>9</b>	<b>24</b>	<b>19.5</b>

Honours Course								
Sl. No.	Category	Course Code	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	Professional Core Courses	MECH 3211	IC Engine	3	0	0	3	3
2	Professional Core Courses	MECH 3261	IC Engine Lab	0	0	2	2	1
<b>Total Semester with Honours</b>				<b>18</b>	<b>0</b>	<b>11</b>	<b>29</b>	<b>23.5</b>

List of Professional Elective – II			List of Professional Elective Lab – II		
Sl.No.	Paper Code	Paper Name	Sl.No.	Paper Code	Paper Name
1	MECH 3231	Finite Element Method	1	MECH 3281	Finite Element Method Lab
2	MECH 3232	Mechatronics & Control systems	2	MECH 3282	Mechatronics & Control systems Lab
3	MECH 3233	Advanced Fluid Mechanics	3	MECH 3283	Advanced Fluid Mechanics Lab

List of Professional Elective – III		
Sl.No.	Paper Code	Paper Name
1	MECH 3236	Total Quality Management (TQM)
2	MECH 3237	Turbo Machinery
3	MECH 3238	Aerodynamics
4	MECH 3239	Tool Engineering

List of Open Elective I (Emerging Field)

MECH 3221: Computational Fluid Dynamics  
MECH 3222: Advanced Welding Technology


MECH 3223: New Product Development  
MECH 3224: Industrial Engineering

To be Effective from 15<sup>th</sup> Jan, 2024

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