

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

MECHANICAL ENGINEERING

B. Tech 3rd Year 2nd Semester (Gr 1: 2257001 - 2257038; Gr 2: 2257039 - 2257069)

SESSION: 2024-2025

Faculty Details:

TA Details:

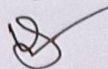
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SS	Prof. (Dr.) Sukanta Sarkar	ME	SCB	Mr. Sanat Chandra Basu	ME
AJB	Prof.(Dr.) Arup Jyoti Bhowal	ME	SG	Mr. Sudipta Goswami	ME
AKR	Prof. (Dr.) Amal Kumar Ray	ME	RK	Mr. Rajib Khan	ME
SH	Prof. Sudip Kumar Halder	ME	AD	Mr. Abhishek Das	ME
MB	Prof.(Dr.) Manik Barman	ME	SJ	Mr. Subham Jana	ME
VKS	Prof. Vishnu Kumar Singh	ME	SCD	Mr. Shyam Chand De	ME
RD	Prof. Rajat Dutta	ME	APB	Mr. Anupam Biswas	ME
SK	Prof. Subham Kundu	ME			
DB	Prof. Debiprasad Banerjee	ME			
RM	Prof. Ritwik Mandal	ME			
RB	Prof. (Dr.) Ranojit Banerjee	ME			
AR	Prof. Avik Ray	ME			
ABS	Prof. Amalendu Biswas	ME			
AM	Prof. (Dr.) Arindam Mandal	ME			
RS	Prof. (Dr.) Rajarshi Sengupta	ME			
SB	Prof. (Dr.) Sumanta Banerjee	ME			
SKS	Prof. Sukanta Saha	ME			
ID	Prof. Indrani De	HUM			
SMC	Prof. Syamantak Chhtopadhyay	HUM			
GF	Guest Faculty (To Be Announced)	HUM			

To be Effective from 15.01.2025

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

SKHalder
Ryengupta
Member

HOD



Principal



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COURSE STRUCTURE:

3rd Year 2nd Semester Curriculum:

Sl. No.	Category	Course Code	Theory		Contact Hours/Week				Credit Points
			Course Title	L	T	P	Total		
1	Humanities	HMTS 3201	Economics for Engineers	3	0	0	3	3	
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	
Total Theory				15	0	0	15	15	
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	
Total Practical				0	0	9	9	4.5	
Total of Semester				15	0	9	24	19.5	

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

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Sethalder
Rajesh
 Member

HOD 


 Principal