

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

DAY	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	L/CHEN 2101/AG/CB 202	L/MECH 2106/PG /CB215	L/BIOT 2105/SHD /CB215	B	L/CHEN 2103/DD/CB 215	L/CHEN 2102/AM/CB 215		MENTORING		
TUE	LAB/CHEN 2151/AG,AS,SBM,MR/GR I/CB 206			R	LIBRARY	LAB/CHEN 2152/DD,SM,SB,SS/GR I/CB 318		MENTORING	REMEDIAL/CB 215	
WED	L/CHEN 2104/DD/CB 215		L/CHEN 2101/AG/CB 215	E	L/CHEN 2101/AM/CB 215	L/MECH 2106/PG/CB 215	LAB/CHEN 2153/PS,SBM,SD,MR/GR II/CB 314			
THU	L/MECH 2106/RB/CB 215	L/BIOT 2105/ PC/CB215	L/CHEN 2103/PB/CB 215	A	L/CHEN 2103/DD/CB 215	LIBRARY	LAB/CHEN 2153/SWV,SBM,SS,SD/GR I/CB 314			
FRI	LAB/CHEN 2151/SB,AS,SBM,MR/GR II/CB 206			K	LIBRARY	L/CHEN 2104/DD/CB 216	L/CHEN 2102/SB/CB 216	LAB/CHEN 2152/AG,MR,SM,SB/GR II/CB 318		

To be Effective from July, 2023

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

Susmi Khatun, Dhaipayan Sen
Member


HOD


Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SHD	Prof. Sonali Hazara Das	BT	SB	Ms. Saswati Bhattacharya	Chemical
PC	Prof. Plaban Chauduri	BT	AS	Ms. Anki Singha	Chemical
PG	Prof. Pritam Ghosh	ME	SD	Ms. Shyamasree Das	Chemical
RB	Prof. Ranojit Banerjee	ME	SS	Mr. Sudipta Shit	Chemical
PB	Prof. (Dr.) Pinaki Bhattacharya	Chemical	SBM	Ms. Selina Begam	Chemical
SC	Prof. (Dr.) Sulagna Chatterjee	Chemical	MR	Mr. Manjur Rahman	Chemical
SWV	Prof. (Dr.) Swami Vedajnananda	Chemical			
DD	Prof. (Dr.) Diptendu Datta	Chemical			
SB	Prof. (Dr.) Sangita Bhattacharjee	Chemical			
AM	Prof.(Dr.) Abhuday Mallick	Chemical			
PS	Prof.(Dr.) Pramita Sen	Chemical			
AG	Prof.(Dr.) Avijit Ghosh	Chemical			
DS	Prof.(Dr.) Dwaipayan Sen	Chemical			

To be Effective from July, 2023

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

Soumi Kishor Dwaipayan Sen
Member

S
HOD

[Signature]
Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 2nd Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

THEORY							
Sl No	Code	Course Title	L	T	P	H	Credit
01	CHEN 2101	Particle & Fluid Particle Processing	3	0	0	3	3
02	CHEN 2102	Chemical Engineering Fluid Mechanics	3	0	0	3	3
03	CHEN 2103	Basics of Material & Energy Balance	3	0	0	3	3
04	MECH 2106	Mechanics for Engineers	3	0	0	3	3
05	CHEN 2104	Introduction to Thermodynamics	3	0	0	3	3
06	BIOT 2105	Biology	2	0	0	2	2
Total Theory							17
LABORATORY / SESSIONAL							
Sl No	Code	Course Title	L	T	P	H	Credit
01	CHEN 2151	Fluid Mechanics (ChE) Laboratory	0	0	3	3	1.5
02	CHEN 2152	Particle & Fluid Particle Processing Laboratory	0	0	2	2	1
03	CHEN 2153	Instrumental Methods of Analysis Laboratory	0	0	3	3	1.5
Total Practical							4
Semester Total							21

To be Effective from July, 2023

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

Suman Kalayal Dasgupta
Member

S
HOD

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

DAY	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	L/CHEN 3104/DS/CB 215	L/CHEN 3132/ARS/CB 319	L/CHEN 3141/PB/CB 319	B	L/CHEN 3103/PS/CB 216	LAB/CHEN 3152/PS,SB,SM,SD/GR I/CB 207		Mentoring		
						LAB/CHEN 3153/DD,SS,MR,SBM/GR I/CB 214				
TUE	L/CHEN 3102/PB/CB 215	L/CHEN 3141/PS/CB 215 L/CHEN 3142/PB/CB 319	L/CHEN 3103/SB/CB 215	R	Library	L/CHEN 3102/SWV/CB 215	L/CHEN 3131/ARS/CB 215 L/CHEN 3132/SB/CB 319	L/CHEN 3104/AM/CB 215		
WED	L/CHEN 3131/AG/CB 319	LAB/CHEN 3153/ARS, SS,MR,SM/GR II/CB 214		E	L/CHEN 3101/ARS/CB 216	L/CHEN 3142/PB/CB 319	LAB/CHEN 3152/ARS,SB,SM,SS /GR II/CB 207			
THU	L/CHEN 3151/DS,SS,SM/GR II/CB 315			A	L/CHEN 3103/PS/CB 216	L/CHEN 3101/ARS/CB 215	L/CHEN 3141/PS/CB 215 L/CHEN 3142/PB/CB 319	L/CHEN 3131/ARS/CB 215 L/CHEN 3132/SB/CB 319	Mentoring	
FRI	LAB/CHEN 3151/SC,SS,SB/GR I/CB 315			K	L/CHEN 3101/ARS/CB 215	L/CHEN 3102/PB/CB 215	L/CHEN 3104/DS/CB 215	Remedial/CB 216		

To be Effective from July, 2023

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

Suman Kishor Dwivedi
Member

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HOD

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

Faculty Details:			TA Details:		
INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
PB	Prof. (Dr.) Pinaki Bhattacharya	Chemical	SB	Ms. Saswati Bhattacharya	Chemical
SC	Prof. (Dr.) Sulagna Chatterjee	Chemical	SM	Mr. Subrata Mukherjee	Chemical
SWV	Prof. (Dr.) Swami Vedajnananda	Chemical	SD	Ms. Shyamasree Das	Chemical
DD	Prof. (Dr.) Diptendu Datta	Chemical	SS	Mr. Sudipta Shit	Chemical
SB	Prof. (Dr.) Sangita Bhattacharjee	Chemical	SBM	Ms. Selina Begam	Chemical
AM	Prof.(Dr.) Abhoday Mallick	Chemical	MR	Mr. Manjur Rahman	Chemical
PS	Prof.(Dr.) Pramita Sen	Chemical			
ARS	Prof.(Dr.) Aparna Ray (Sarkar)	Chemical			
DS	Prof.(Dr.) Dwaipayan Sen	Chemical			

To be Effective from July, 2023

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

Swami Vedajnananda
Member

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HOD

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 3rd Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

THEORY							
Sl. No	Code	Course Title	L	T	P	TH	Credit
01	CHEN 3101	Chemical Process Technology	3	0	0	3	3
02	CHEN 3102	Chemical Reaction Engineering - I	3	0	0	3	3
03	CHEN 3103	Mass Transfer I	3	0	0	3	3
04	CHEN 3104	Numerical Methods in Chemical Engineering	3	0	0	3	3
05	CHEN 3131 3133	Professional Elective-I	3	0	0	3	3
06	CHEN 3141- 3143	Professional Elective-II	3	0	0	3	3
Total Theory							18
LABORATORY / SESSIONAL							
Sl. No	Code	Course Title	L	T	P	TH	Credit
01	CHEN 3151	Numerical Computation Laboratory	0	0	3	3	1.5
02	CHEN 3152	Chemical Reaction Engineering Laboratory	0	0	3	3	1.5
03	CHEN 3153	Energy Laboratory: Theory and Practice	0	0	2	2	1
Total Practical							4
Semester Total							22
Professional Elective - I	CHEN 3131	CHEN 3132					
Subject name	Petrochemical Technology	Energy Engineering					
Professional Elective - II	CHEN 3141	CHEN 3142					
Subject name	Bioprocess Engineering	Industrial Safety and Hazards Analysis					

To be Effective from July, 2023

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

Suman Kishor Dandekar
Member

Sc
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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 1st Semester

SESSION: 2023-2024

DAY	9.00 AM – 9.55 AM	9.55 AM – 10.50 AM	10.50 AM – 11.45 AM	11.45 AM – 12.25 PM	12.25 PM – 1.20 PM	1.20 PM – 2.15 PM	2.15 PM – 3.10 PM	3.10 PM – 4.05 PM	4.05 PM – 5.00 PM	5.00 PM – 5.55 PM
MON	LAB/CHEM 4151/AM,SM,SB/GR II/CB 315			B	L/AEIE 4121/AKB /CME 417	L/AEIE 4126/IN /CME 417	L/HMTS 4101/ID /CB 216	L/CHEM 4131/AG/CB 319		
					L/BIOT 4124/SDE /CB 418	L/BIOT 4126/PC/ CB 418				
TUE	LAB/CHEM 4151/DS,SM,SS/GR I/CB 315			R	L/HMTS 4101/BS /CB 215	CHEN 4195/SBM (CB 301), MR (CB 314), SD (CB 207)		MENTORING		
WED		L/CHEM 4133/SWV/CB 319		E	L/AEIE 4121/AKB /CB 218	L/AEIE 4126/IN / CB 218	L/HMTS 4101/NM /CB 215	REMEDIAL/CB 216		
					L/BIOT 4124/SHD/ CB 418	L/BIOT 4126/PC/ CB 418				
THU	L/CHEM 4132/AM/CB 319	L/CHEM 4131/PS/CB 319	LIBRARY	A	MENTORING	CHEN 4195/SB (CB 301), SM (CB 317), MR (CB 318)				
FRI	L/CHEM 4131/PS/CB 319	L/CHEM 4132/AM/CB 215		K	L/AEIE 4121/AKB / CB 218	L/AEIE 4126/IN / CB 218	CHEN 4195/SBM (CB 301), SD (CB 207), SS (CB 214)			
		L/CHEM 4133/SWV/CB 319	LIBRARY		L/BIOT 4124/SHD/ CB 418	L/BIOT 4126/SB/ CB 418				

To be Effective from July, 2023

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

Suman Kishor
Member

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Principal

HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 1st Semester

SESSION: 2023-2024

Faculty Details:

TA Details:

INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
AKB	Prof. (Dr.) Anil Kumar Bag	AEIE	SB	Ms. Saswati Bhattacharya	CHE
IN	Prof. Indrajit Naskar	AEIE	SM	Mr. Subrata Mukherjee	CHE
SDE	Prof.(Dr.) Sudipta Dey Badyopadhyay	BT	SD	Ms. Shyamasree Das	CHE
SB	Prof.(Dr.) Srabanti Basu	BT	SS	Mr. Sudipta Sbit	CHE
PC	Prof. Plaban Chauduri	BT	SBM	Ms. Selina Begam	CHE
SHD	Prof. Sonali Hazara Das	BT	MR	Mr. Manjur Rahman	CHE
ID	Prof. Indrani De	HUM			
BS	Prof. Bandana Sinha	HUM			
NM	Prof. Nilanjana Mukhopadhaya	HUM			
AM	Prof.(Dr.) Abhuday Mallick	CHE			
AG	Prof.(Dr.) Avijit Ghosh	CHE			
DS	Prof.(Dr.) Dwaipayan Sen	CHE			
SWV	Prof. (Dr.) Swami Vedajnananda	CHE			
PS	Prof.(Dr.) Pramita Sen	CHE			

To be Effective from July, 2023

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Students should target 100% attendance

 
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HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

CHEMICAL ENGINEERING

B. Tech 4th Year 1st Semester

SESSION: 2023-2024

COURSE STRUCTURE:

THEORY							
S. No	Code	Course Title	L	T	P	H	Credit
01	CHEN 4131 4133	Professional Elective IV	0	0	0	0	0
02	HMTS 4101	Principles of Management	0	0	0	0	0
03		Open Elective-II	0	0	0	0	0
04		Open Elective-III	0	0	0	0	0
Total Theory							12
LABORATORY SESSIONAL							
S. No	Code	Course Title	L	T	P	H	Credit
01	CHEN 4151	Design & Simulation Laboratory I	0	0	0	0	1.5
02	CHEN 4105	Project - I	0	0	0	0	1.5
03	CHEN 4101	Industrial Training					1.5
Total Practical							4.5
Semester Total							16.5
Professional Elective - IV		CHEN 4131	CHEN 4132	CHEN 4133			
Subject name		Modern Instrumental Methods of Analysis	Petroleum Refinery Engineering	Environmental Engineering			
Semester VII Open Elective II		Thin Film based Microstructure Fabrication (CHEN 4121)	Particle Characterization (CHEN 4122)				
Semester VII Open Elective III		Industrial Total Quality Management (CHEN 4126)	Soft Methods in Microstructure Fabrication (CHEN 4127)				

To be Effective from July, 2023

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Students should target 100% attendance

Sarini Kishor Dwarapayan Sen
Member

SC
HOD

[Signature]
Principal