

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF BIOTECHNOLOGY

B. Tech. 1ST yr 1st semester

SESSION: 2021-22

DAY	9.00AM- 9.55AM	9.55AM- 10.50AM	10.50AM- 11.45AM	11.45AM - 12.25PM	12.25PM- 1.20PM	1.20PM- 2.15PM	2.15PM- 3.10PM	3.10PM- 4.05PM	4.05PM- 5:00PM	5.00 PM- 5.55PM
MON	LAB/MECH1051/WORKSHOP/ GR-1/ SB/SCD, MM/CME B10				BREAK	LIFE SKILL/ BB/CB418	L/PHYS1001/ SS/CB418	SOFT SKILL/ CMM/ CB418	REMEDIAL /CB418	REMEDIAL /CB418
	LAB/CSEN1051/ GR2/JHD+AG/ICTB 03									
TUE	L/MATH1101/ SB/CB418	L/CSEN1001/ JHD/CB418	L/PHYS1001/ BM/CB418	BREAK	LAB/CSEN1051/GR1/JHD+AG/ICT B03					
					MECH 1051 (L)/BT2/ BP/CB418	LAB/MECH1051/ WORKSHOP/ GR-2/ SB/RK, AKD/CMEB10				
WED	L/PHYS1001/ BM/CB418	L/MATH1101/ MS/CB418	T1/MATH1101/ SD/CB418		L/CSEN1001/ JHD/CB418	L/ECEN1011/ TD/CB418	LIBRARY			
THU	L/CSEN1001/ JHD/CB418	L/CSEN1001/ JHD REMEDIAL/CB 418	L/ECEN1011/ TD/CB418		MECH 1051(L)/BT 1/	REMEDIAL/ CB418	T2/MATH1101/ SD/CB418	LAB/ECEN1061/TD/TM+ZR/GR- 1/ICT501		
								LAB/PHYS1051//GR-2 SS(SRG, RCS)/CB106		
FRI	L/MATH1101/ SG/CB418	L/ECEN1011/ TD/CB418	T1/PHYS1001/ SS/CB418		T2/PHYS1001/ SS/CB418	REMEDIAL/ CB418	MENTORING /CB418	LAB/ECEN1061/ TD/STM+ZR/GR- 2/ICT501		
								LAB/PHYS1051//GR-1 BM(SK, MB)/CB106		

A minimum of 75% attendance is mandatory for being eligible to sit for the End -Semester Examination. Students should target 100% attendance. To be effective from 3rd February, 2022

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE
DEPARTMENT OF BIOTECHNOLOGY

B. Tech. 1ST yr 1st semester

SESSION: 2021-22

Faculty abbreviation	Name of the faculty	Name of the department
SB	Prof. Samarpita Bhattacharya	Mathematics
MS	Prof. Moulipriya Sarkar	Mathematics
SD	Prof. Somjit Dutta	Mathematics
CMM	Mr. Clayton M. Moses	Student Affaires
BB	Mrs. Banhishikha Bhattacharyya	Administration
JHD	Prof. Jnalak Dutta	Computer Science
AG	Prof. Anindita Ghosh	Computer Science
SB	Dr. Sumanta Banerjee	Mechanical Engg
BP	Mr. Bankim Pattanayak	Mechanical Engineering
JS	Dr. Jyotirmoy Saha	Mechanical Engineering
TD	Prof. Tania Das	ECE

SS	Prof Suddipto Sen	Phy
RM	Prof Raisakhi Mal	Phv

TA Abbreviation	Name of the TA	Name of the department
SCD	SHYAM CHAND DEY	Mechanical
MM	MRINMOY MONDAL	Mechanical
SK	RAJIB KHAN	Mechanical
AKD	ARUN KUMAR DEY	Mechanical
MB	Mrs Moumita Bera	PHYSICS
SRG	Mr. Sourav Ranjan Ghosh	PHYSICS
RCS	Mr. Rabin Chandra Samanta	PHYSICS
SK	Mr. Sandip Kumar	PHYSICS
TM	Mr. Tapas Kumar Maiti	ECE
STM	Simantani Manadal	ECE
ZR	Zakir Rahman	ECE

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HERITAGE INSTITUTE OF TECHNOLOGY
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DEPARTMENT OF BIOTECHNOLOGY

B. Tech. 1ST yr 1st semester

SESSION: 2021-22

B.Tech. 1st yr 1st semester curriculum

Theory							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	PHYS1001	Physics	3	1	0	4	4
2	MATH1101	Mathematics I	3	1	0	4	4
3	CSEN1001	Programming for Problem Solving	3	0	0	3	3
4	MECH1051	Workshop / Manufacturing Practices	1	0	0	1	1
5	ECEN1011*	Principles of Electronics	3	0	0	3	3
Total Theory			10	2	0	12	12
* (Honours)			3	0	0	3	3

Laboratory							
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points
			L	T	P	Total	
1	PHYS1051	Physics Lab	0	0	3	3	1.5
2	CSEN1051	Programming for Problem Solving Lab	0	0	4	4	2
3	MECH1051	Workshop / Manufacturing Practices	0	0	4	4	2
4	ECEN1061**	Principles of Electronics Laboratory	0	0	2	2	1
Total Laboratory			0	0	11	11	5.5
** (Honours)			0	0	2	2	1

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B. Tech. 2 nd yr 1 ST semester				DEPARTMENT OF BIOTECHNOLOGY			SESSION: 2021- 2022				
DAY	9.00AM- 9.55AM	9.55AM- 10.50AM	10.50AM- 11.45AM	11.45AM- 12.25AM	12.25PM- 1.20PM	1.20PM- 2.15PM	2.15PM- 3.10PM	3.10PM- 4.05PM	4.05PM- 5:00PM	5.00PM- 5.55PM	
MON	L/BIOT2102 BC/CB402	L/HMTS2001/ KM/ CB402	L/HMTS2001/ SC/ CB402	BREAK	L/MATH2101 TBA/ CB402	L/BIOT2103 KM/ CB402	LAB/BIOT2151/SHD(AM, MS) /GR-1/ CB415		LIBRARY GR 1		
							LAB/BIOT2154/KM-RC (SS, CD)/GR-2/CB306				
TUE	L/BIOT2104 RC/ CB402	L/HMTS2001 SC/ CB402	L/BIOT2103 PC/ CB402		BIOT2151/ Gr2/ SHD (AM)/CB415			REMEDIAL	LIBRARY		
					BIOT 2153/Gr1 /RG-PC (MS)/CB413						
WED	L/BIOT2102 SDE/ CB402	L/BIOT2104 SHD/ CB402	L/BIOT2102 BC/ CB402		L/EVSC2016 RRC/CB402	L/BIOT2101 NKJ/ CB402	L/MATH2101 SB/ CB402	Mentoring/ CB402	LIBRARY		
THU	L/BIOT2101 NKJ/ CB402	L/MATH2101 MP/ CB402	L/BIOT2104 RC/ CB402		L/BIOT2101 SB/ CB402	L/MATH2101 VB/ CB402	LAB/BIOT2154/KM-RC (SS, CD)/GR-1/CB306				
							LAB/BIOT2153/RG-PC (MS)/GR-2/CB413			LIBRARY/ GR 2	
FRI	L/BIOT2103 KM/ CB402	L/BIOT2101 SB/ CB402	L/BIOT2102 SDE/ CB402			L/EVSC2016 PP/ CB402	L/BIOT2103 PC/ CB402	L/BIOT2104 RC/ CB402	LIBRARY		

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 2nd yr 1ST semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Faculty Abbreviation	Name of the Faculty	Name of the Department
SB	Prof. Srabanti Basu	Biotechnology
NKJ	Prof. Nandan .Kumar Jana	Biotechnology
KM	Prof. Kakali Mukherjee	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
PC	Prof. Plaban Chaudhuri	Biotechnology
PP	Prof. Piyali Paul	Chemistry
RRC	Prof. Ruma Roy Choudhury	Chemistry
SC	Prof. Suparna Chakraborty	Humanities
KM	Prof. Koyel Mallik	Humanities
VB	Prof. Venu Bihani	Mathematics
MP	Prof. Moumita Pramanik	Mathematics
SB	Prof. Samarpita Bhattacharya	Mathematics

TA Abbreviation	Name of the TA	Name of the Department
SS	Subhosree Sengupta	Biotechnology
MS	Munmun Sen	Biotechnology
AM	Abhishek Mukherjee	Biotechnology
CD	Chandralekha Dasgupta	Biotechnology

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 2nd yr 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

2nd Year 1st Semester

A. THEORY						
Sl No	Course Code	Field	Course Title	Co Hour		
				L	T	
1	EVSC2016	Mandatory	Environmental Sciences	2	0	
2	HMTS2001	Humanities	Human Values and Professional Ethics	3	0	
3	BIOT2101	Basic Science	Chemistry of Biomolecules	3	0	
4	BIOT2102	Prof. Core	Industrial Stoichiometry	3	0	
5	BIOT2103	Prof. Core	Biochemistry	3	0	
6	BIOT2104	Prof. Core	Microbiology	3	0	
7	MATH2101	Basic Science	Mathematical & Statistical Methods	3	0	
Total of Theory				20	0	
B. PRACTICAL/ LABORATORY						

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DEPARTMENT OF BIO TECHNOLOGY

B. Tech. 3rd year 1st semester

SESSION: 2021- 2022

DAY	9.00AM- 9.55AM	9.55AM- 10.50AM	10.50AM- 11.45AM	11.45AM- 12.25AM	12.25PM- 1.20PM	1.20PM- 2.15PM	2.15PM- 3.10PM	3.10PM- 4.05PM	4.05PM- 5:00PM	5.00PM- 5.55PM
MON	L/BIOT 3131 KM/CB418	L/BIOT 3101 RG/CB401	L/BIOT 3131 RC/CB418	BREAK	L/INCO 3016 SG/CB401	L/BIOT 3102 DC/CB401	BIOT 3152/SMB/(MB)GR1/CB611			
	L/BIOT 3132 SHD/CB321		L/BIOT 3132 SDE/CB321				BIOT 3153/ NKJ+PC (CB)/ GR2/CB407			
	L/BIOT 3133 SDE/CB401		L/BIOT 3133 BC/CB401							
TUE	BIOT 3154/BC+SDE (SD, SBH)/GR2/CB205				L/BIOT 3101 SMB/CB401	L/BIOT 3103 NKJ/CB401	BIOT 3181/KM+RC (SS)/CB307			LIBRARY
	BIOT 3151/ SMB+RG(SM,DM)/GR1/CB409						BIOT 3182/SB(AM)/CB416			
							BIOT 3183/ BC+SDE(CD)/CB309			
WED	L/BIOT 3104 BC/CB401	L/BIOT 3102 DC/CB401	L/BIOT 3104 SDE/CB401		L/BIOT 3103 KM/CB401	L/BIOT 3101 RG/CB401	L/BIOT 3102 SMB/CB401	L/BIOT 3131 KM/CB402	Remedial	
								L/BIOT 3132 SDE/CB401		
								L/BIOT 3133 BC/CB321		
THU	BIOT 3154/BC+SDE(SD, SB)/ GR1/CB205				L/BIOT 3104 BC/CB401	L/BIOT 3102 SMB/CB401	L/INCO 3016 SG/CB401	Mentoring/CB401		LIBRARY
	BIOT 3151/SMB+RG (SM,DM)/ GR2/CB409									
FRI	L/BIOT 3131 RC/CB419	L/BIOT 3101 RG/CB401	L/BIOT 3103 NKJ/CB401		L/BIOT 3104 SDE/CB401	L/BIOT 3103 KM/CB401	BIOT3152/DC (MB)/GR2/CB611			
	L/BIOT 3132 SHD/CB321						BIOT3153/NKJ+PC (CB)/GR1/CB407			
	L/BIOT 3133 SDE/CB401									

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DEPARTMENT OF BIO TECHNOLOGY

B. Tech. 3rd year 1st semester

SESSION: 2021- 2022

Faculty Abbreviation	Name of the Faculty	Name of the Department
SB	Prof. Srabanti Basu	Biotechnology
DC	Prof. Dipankar Chaudhuri	Biotechnology
NKJ	Prof. Nandan Kumar Jana	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
KM	Prof. Kakali Mukherjee	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SMB	Prof. Soma Banerjee	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
SG	Prof. Soumi Ghosh	HUM

TA Abbreviation	Name of the TA	Name of the Department
CB	Chayan Banerjee	Biotechnology
SM	Sharmistha Mukherjee	Biotechnology
CD	Chandralekha Dasgupta	Biotechnology
AM	Abhisek Mukherjee	Biotechnology
MB	Mainak Bhattacharya	Biotechnology
SS	Shubhasree Sengupta	Biotechnology
DM	Dipankar Manna	Biotechnology
SD	Shyamasree Das	Chemical
SBH	Saswati Bhattacharya	Chemical
SB	Selina Begam	Chemical

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DEPARTMENT OF BIO TECHNOLOGY

B. Tech. 3rd year 1st semester

SESSION: 2021- 2022

3rd Year 1st Semester

A. THEORY								
Sl No	Course Code	Field	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	INCO3016	Mandatory	Indian Constitution and Civil Society	2	0	0	2	0
2	BIOT3101	Prof. Core	Genetics	3	0	0	3	3
3	BIOT3102	Prof. Core	Bioinformatics	3	0	0	3	3
4	BIOT3103	Prof. Core	Recombinant DNA Technology	3	0	0	3	3
5	BIOT3104	Prof. Core	Transfer Operation-II	3	0	0	3	3
6	BIOT3131	Prof. Elective 1	Food Biotechnology	3	0	0	3	3
	BIOT3132		Environmental Biotechnology					
	BIOT3133		Bioprocess & Process Instrumentation					
Total of Theory				17	0	0	17	15
B. PRACTICAL/ LABORATORY								
7	BIOT3151	Prof. Core	Genetics lab	0	0	2	2	1
8	BIOT3152	Prof. Core	Bioinformatics lab	0	0	2	2	1
9	BIOT3153	Prof. Core	Recombinant DNA Technology lab	0	0	2	2	1
10	BIOT3154	Prof. Core	Transfer Operation-II lab	0	0	2	2	1
11	BIOT3181	Prof. Elective 1	Food Biotechnology Lab	0	0	2	2	1
	BIOT3182		Environmental Biotechnology Lab					
	BIOT3183		Bioprocess & Process Instrumentation Lab					
Total of Practical				0	0	10	10	5
Total of Semester				17	0	10	27	20

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B. Tech. 4th year 1 st semester				DEPARTMENT OF BIOTECHNOLOGY				SESSION: 2021- 2022			
DAY	9.00AM- 9.55AM	9.55AM- 10.50AM	10.50AM- 11.45AM	11.45AM- 12.25AM	12.25PM- 1.20PM	1.20PM- 2.15PM	2.15PM- 3.10PM	3.10PM- 4.05PM	4.05PM- 5:00PM	5.00PM- 5.55PM	
MON	L/BIOT4111 TKG CB419	L/BIOT4121 NKJ/CB419 L/BIOT4122 SMB/CB321	PROJECT/ CB,AM,MS, SS,SM,CD, MB	BREAK	PROJECT/ CB,AM,MS, SS,SM,CD, MB	L/CHEN4126/ SB/ CME205 L/CHEN4127/ SC/CB419	L/HMTS 4101/ GDC/CB419	PROJECT/CB,AM,MS,SS,SM,CD, MB			
TUE	L/BIOT4131 SHD/CB321	PROJECT/ CB,AM,MS,S S,SM,CD, MB	L/BIOT4111 NKJ/CB419		L/BIOT4131 SDE/CB419	Mentoring/ CB419	PROJECT/ CB,AM,MS,SS,SM,CD, MB				
	L/BIOT 4132 KM/CB419				L/BIOT 4132 RC/CB321						
WED	L/BIOT4122 RG/CB419	L/BIOT4111 NKJ/CB419	L/BIOT4121 DC/CB321		PROJECT/ CB,AM,MS, SS,SM,CD, MB	L/CHEN4126 /SWV/CME316 L/CHEN4127/ DS/CB419	Remedial/ CB419	PROJECT/ CB,AM,MS,SS,SM,CD, MB			
	L/BIOT4121 NKJ/CB321										
THU	L/BIOT4131 SHD/CB321	PROJECT/ CB,AM,MS,S S,SM,CD, MB	L/BIOT4111 NKJ/CB419		L/BIOT 4131 SDE/CB419	PROJECT/ CB,AM,MS,SS,SM,CD, MB				L/HMTS 4101/DC/ CB419	PROJECT/ CB,AM,MS, SS,SM,CD, MB
	L/BIOT4132 RC/CB419				L/BIOT4132 KM/CB321						
FRI	PROJECT/ CB,AM,MS, SS,SM,CD, MB	L/BIOT4121 DC/CB419	L/BIOT4122 RG/CB419		PROJECT/ CB,AM,MS, SS,SM,CD, MB	L/CHEN4126/ SWV/CME208 CHEN4127/SC/C B419	L/HMTS 4101/ ADG/CB419	PROJECT/ CB,AM,MS,SS,SM,CD, MB/			
		L/BIOT4122 SMB/CB321									

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HERITAGE INSTITUTE OF TECHNOLOGY
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B. Tech. 4th year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Faculty Abbreviation	Name of the Faculty	Name of the Department
DC	Prof. Dipankar Chaudhuri	Biotechnology
NKJ	Prof. Nandan .Kumar Jana	Biotechnology
TKG	Prof. Tapan Kumar Ghosh	Biotechnology
KM	Prof. Kakali Mukherjee	Biotechnology
SMB	Prof. Soma Banerjee	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
PC	Prof. Plaban Chaudhuri	Biotechnology
SC	Prof. Sulagna Chatterjee	Chemical
DS	Prof. Dwaipayan Sen	Chemical
SB	Prof. Sangita Bhattacharjee	Chemical
SWV	Prof. Swami Vdajnananda	Chemical
GDC	Mr. Goutam Das Gupta	HUM
ADG	Mr. Ankush Dasgupta	HUM
DC	Mrs Dyuti Chatterjee	HUM

TA Abbreviation	Name of the TA	Name of the Department
CB	Chayan Banerjee	Biotechnology
SM	Sharmistha Mukherjee	Biotechnology
CD	Chandralekha Dasgupta	Biotechnology
AM	Abhishek Mukherjee	Biotechnology
MB	Mainak Bhattacharya	Biotechnology
SS	Shubhasree Sengupta	Biotechnology
MS	Munmun Sen	Biotechnology

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

B. Tech. 4th year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

4th Year 1st Semester

A. THEORY								
Sl No	Course Code	Field	Course Title	Contact Hours/Week				Credit Points
				L	T	P	Total	
1	HMTS4101	Humanities	Principles of Management	3	0	0	3	3
2	BIOT4131	Prof. Elective 3	Biomaterials	3	0	0	3	3
	BIOT4132		Biofertilizers and Biopesticides					
	BIOT4133		Post-harvest Technology					
	BIOT4134		Biometallurgy					
3	BIOT4121	Emerging Area / Open Elective 2	Proteomics and Protein Engineering	3	0	0	3	3
	BIOT4122		Human Genomics					
	BIOT4123		Biomedical Engineering					
4		Open Elective 3*		3	0	0	3	3
Total of Theory				12	0	0	12	12
B. SESSIONAL								
1	BIOT4191	Internship	Industrial Training / Internship	4 to 6 weeks				2
2	BIOT4195	Project	Project 1	0	0	8	8	4
Total of Sessional				0	0	8	8	6
Total of Semester without Honours				12	0	8	20	18
C. HONOURS								
1	BIOT4111	Honours	Animal Cell Culture & Animal biotechnology	4	0	0	4	4
Total Honours				4	0	0	4	4

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B. Tech. 4th year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

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M. Tech. 1 year 1ST semester				DEPARTMENT OF BIOTECHNOLOGY				SESSION: 2021- 2022		
DAY	9.00AM- 9.55AM	9.55AM- 10.50AM	10.50AM- 11.50AM	11.45AM- 12.25AM	12.25PM- 1.20PM	1.20PM- 2.15PM	2.15PM- 3.10PM	3.10PM- 4.05PM	4.05PM- 5:00PM	5.00PM- 5.55PM
MON	L/BIOT5131 RC/CB310	L/BIOT5102 DC/ CB310	L/BIOT5141 SMB/ CB310	BREAK	L/BIOT5142 BC/ CB310	L/BIOT5101 NKJ/ CB310				
					L/BIOT5141 RC/ CB321					
TUE	L/BIOT5102 SB/ CB310	L/BIOT5102 DC/ CB310	L/BIOT5141 KM/ CB310 L/BIOT5142 SB/ CB321		L/BIOT5101 KM/ CB310	REMEDIAL/ CB310	L/BIOT5101 NKJ/ CB310			
WED	L/BIOT 5103 PC/ CB310	REMEDIAL/ CB310	L/BIOT5142 SB/ CB310/		L/BIOT5103 RG CB310	BIOT 5112 DC+TKG (AM) CB415				
THU	L/BIOT5131 KM/ CB310	L/BIOT5102 SB/ CB310	L/BIOT5131 SHD/ CB310		BIOT5111 NKJ (CM)/ CB407					
FRI	L/BIOT5142 BC/ CB310	L/DIMA5116 SR/ICT 613			L/BIOT5101 NKJ/ CB310	L/BIOT5131 SHD/ CB310	L/BIOT5141 SMB/ CB310			

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M. Tech. 1 year 1ST semester

DEPARTMENT OF BIOTECHNOLOGY

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RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
SHD	Prof. Sonali Hazra Das	Biotechnology
PC	Prof.. Plaban Chaudhuri	Biotechnology
SR	Prof. Siuli Roy	

TA Abbreviation	Name of the TA	Name of the Department
CB	Chayan Banerjee	Biotechnology
AM	Abhisek Mukherjee	Biotechnology

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

M. Tech. 1 year 1ST semester
1st yr 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Code	Field	Course Title	Scheme of studies per week			Credits
			L	T	P	
A		Theory				
BIOT5101	Prof. Core	Advanced Genetic Engineering	3	0	0	3
BIOT5102	Prof. Core	Physicochemical Techniques in Biotechnology	3	0	0	3
BIOT5103		Research Methodology, Bioethics and IPR	2	0	0	2
BIOT5131	Prof.	Advanced Enzyme Technology	3	0	0	3
BIOT5132	Elective 1	Nanotechnology				
BIOT5141	Prof.	Agricultural Biotechnology	3	0	0	3
BIOT5142	Elective 2	Advanced Environmental Biotechnology				
DIMA5116	Audit Course-1	Disaster Management	2	0	0	0
INCO5117		Constitution of India				
PDLS5118		Personality Development through Life Enlightenment Skills				
YOGA5119		Stress Management by Yoga				
		Total Theory	16	0	0	14
B		Practical				
BIOT5151	Prof. Core	Advanced Genetic Engineering Lab	0	0	4	2
BIOT5152	Prof. Core	Physicochemical Techniques Lab	0	0	4	2
		Total Practical	0	0	8	4
		SEMESTER TOTAL	16	0	8	18

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M. Tech. 1 year 1ST semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

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MON	L/BIOT6132 PC/CB311	L/BIOT6121 SB/CB311	L/BIOT6133 TKG/CB311	BREAK	L/BIOT6132 RG/CB311	L/BIOT6131 BC/CB311	L/BIOT6121 RG/CB311	PROJECT/ CB.AM,MB,MS,SM,SS,CD		
TUE	PROJECT/ CB,AM,MB,MS,SM,SS,CD		L/BIOT6133 TKG/CB311		L/BIOT6131 BC/CB311	L/BIOT6131 SDE/CB311	PROJECT/ CB,AM,MB,MS,SM,SS,CD			
WED	PROJECT/ CB,AM,MB,MS,SM,SS,CD/ CB.AM,MB,MS,SM,SS,CD		L/BIOT6121 SMB/CB311		L/BIOT6131 SDE/CB311	PROJECT/ CB.AM,MB,MS,SM,SS,CD				
THU	PROJECT/ CB,AM,MB,MS,SM,SS,CD		L/BIOT6133 TKG/CB311		L/BIOT6132 RC/CB311	PROJECT/ CB,AM,MB,MS,SM,SS,CD				
FRI	PROJECT/ CB,AM,MB, MS,SM,SS,CD	L/BIOT6133 TKG/CB311	L/BIOT6121 SMB/CB311		L/BIOT6132 RC/CB311	PROJECT/ CB,AM,MB,MS,SM,SS,CD				

A minimum of 75% attendance is mandatory for being eligible to sit for the End -Semester Examination. Students should target 100% attendance. To be effective from 3rd February, 2022

Member

HOD

Principal

HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

M. Tech. 2 year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

Faculty Abbreviation	Name of the Faculty	Name of the Department
NKJ	Prof. Nandan .Kumar Jana	Biotechnology
TKG	Prof. Tapan Kumar Ghosh	Biotechnology
SMB	Prof. Soma Banerjee	Biotechnology
RG	Prof. Riddhi Goswami	Biotechnology
RC	Prof. Ruplekha Chatterjee	Biotechnology
SDE	Prof. Sudipta Dey Bandyopadhyay	Biotechnology
BC	Prof. Bhaswati Chakraborty	Biotechnology
PC	Prof.. Plaban Chaudhuri	Biotechnology
SB	Samarpita Bhattacharya	Maths

CB	Mr. Chayan Banerjee	Biotechnology
SM	Ms. Sharmistha Mukherjee	Biotechnology
CD	Ms. Chandralekha Dasgupta	Biotechnology
AM	Mr. Abhisek Mukherjee	Biotechnology
MB	Mainak Bhattacharya	Biotechnology
SS	Shubhasree Sengupta	Biotechnology
MS	Munmun Sen	Biotechnology

Member

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HERITAGE INSTITUTE OF TECHNOLOGY
TIME TABLE

M. Tech. 2 year 1st semester

DEPARTMENT OF BIOTECHNOLOGY

SESSION: 2021- 2022

2nd yr 1st semester

Course Code	Field	Course Title	Scheme of studies per week			Credits
			L	T	P	
A		Theory				
BIOT6131	Prof. Elective 5	Modelling and Simulation in Bioprocess	3	0	0	3
BIOT6132		Biopharmaceuticals				
BIOT6133		Downstream Processing				
BIOT6121	Open Elective*	Engineering Mathematics and Biostatistics	3	0	0	3
AEIE6122		Intelligent Control				
CSEN6121		Business Analytics				
MATH6121		Optimization Techniques				
REEN6122		Safety and Hazards in Energy Industry				
		Total Theory	6	0	0	6
B		Sessional				
BIOT6195	Project	Dissertation-I /Industrial Project	0	0	20	10
		Total Sessional	0	0	20	10
		SEMESTER TOTAL	0	0	20	16

Member

HOD

Principal