

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<INFORMATION TECHNOLOGY>

**B. Tech 2<sup>nd</sup> 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	Gr1	P/ECEN2155(Gr1)/SDG/SM/PM/ICT401		Mentoring		L/ECEN2105/AC/ICT211	L/HMTS 2001/MDC/ICT211	L/ECEN2002/AR/ICT211	Remedial/(ICT211)		
	Gr2	P/ECEN2052(Gr2)/AR/SUC, AD/ICT402									
TUE	Gr1	P/ECEN2052(Gr1)/AR/ SUC, TM /ICT402		Mentoring		L/ECEN2002/AR/ICT211	L/EVSC2016/AM/ICT211	L/HMTS2001/SC/ICT211			
	Gr2	P/ECEN2155(Gr2)/SDG/MS, MOU /ICT401									
WED	Gr1	L/MATH2103/SDS/ICT211	L/INFO2101/RPS/ICT211		BREAK	L/MATH2103/VB/ICT211	P/INFO2151/RPS/AD, SG/Gr1/ICTB04				
	Gr2										
THURS	Gr1	L/INFO2101/SRB/ICT211		L/MATH2103/SDS/ICT211		P/INFO2151/RPS/SG, SB/Gr2/ICTB04					
	Gr2										
FRI	Gr1	L/ECEN2002/AR/CME204	L/MATH2103/VB/CME204	L/HMTS2001/KM/CME204		L/EVSC2016/RRC/ICT211	L/ECEN2105/AR/ICT 211				
	Gr2										

**To be Effective from 17.07.2023**

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

**Students should target 100% attendance**

*R. Sinha*  
10/7/2023  
Member

*Sini Ray*  
10/7/23  
HOD

*[Signature]*  
Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

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<INFORMATION TECHNOLOGY>

**B. Tech** 2<sup>nd</sup> Year 1st Semester

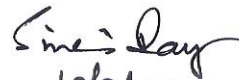
SESSION: 2023-2024

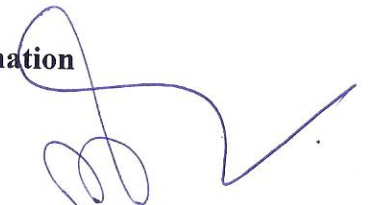
SRB	Prof. Satarupa Biswas	IT	AD	Mr. Amal Dutta	IT
RPS	Prof. Rituparna Sinha	IT	SG	Mr. Shantanu Ghosh	IT
AR	Prof. Aridam Ray	ECE	SB	Mr. Siddharta Bose	IT
AC	Prof. Ananya Chatterjee	ECE	SUC	Ms. Sumana Chowdhury	ECE
SDG	Prof. Shounak Dasgupta	ECE	SM	Mr. Sushanta Mondal	ECE
SDS	Prof. Sudipta Sarkar	MATH	TM	Mr. Tapas Maiti	ECE
VB	Prof. Venu Bihani	MATH	PM	Ms. Prativa Mondal	ECE
MDC	Prof. Madhumita Chanda	HU	AD	Mr. Arindam Das	ECE
KM	Prof. Koyel Mallick	HU	MS	Ms. Madhabi Samanta	ECE
SC	Prof. Suparna Chakraborty	HU	MOU	Ms. Mousumi Samanta	ECE
AM	Prof. Abhijit Mandal	CHEMISTRY			
RRC	Prof. Ruma Roy Choudhury	CHEMISTRY			

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R. Sinha  
10/7/2023  
Member

  
Sine Day  
10/7/23  
HOD

  
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# HERITAGE INSTITUTE OF TECHNOLOGY

## TIME TABLE

### <INFORMATION TECHNOLOGY>

**B. Tech 2<sup>nd</sup> Year 1st Semester**

**SESSION: 2023-2024**

#### COURSE STRUCTURE:

##### 3<sup>rd</sup> Semester Syllabus:

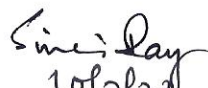
Theory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	MATH2103	Discrete Mathematics	4	0	0	4	4	Basic Science course
2	ECEN2105	Introduction to Analog Circuits	3	0	0	3	3	Engineering Science Course
3	ECEN2002	Digital Systems Design	3	0	0	3	3	Engineering Science Course
4	HMTS2001	Human Values And Professional Ethics	3	0	0	3	3	Humanities & Social Sciences including Management Courses
5	INFO2101	Fundamentals of Data Structure & Algorithms	4	0	0	4	4	Professional Core Courses
6	EVSC2016	Environmental Sciences	2	0	0	2	0	Mandatory Courses
Total Theory			19	0	0	19	17	

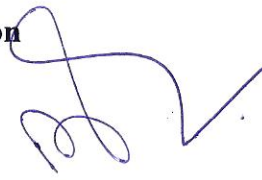
Laboratory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	ECEN2155	Analog Circuits Lab	0	0	2	2	1	Engineering Science Course
2	ECEN2052	Digital Systems Design Lab	0	0	2	2	1	Engineering Science Course
3	INFO2151	Fundamentals of Data structure & Algorithms Lab	0	0	3	3	1.5	Professional Core Courses
Total Laboratory			0	0	7	7	3.5	

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10/7/23  
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# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<INFORMATION TECHNOLOGY>

**B. Tech 3<sup>rd</sup> Year 1st Semester**

**SESSION: 2023-2024**

		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	Gr1	L/INFO3102//SJR/ ICT211	L/INFO3101/SPB/ ICT211	L/INCO3016/SG/IC T211		L/INFO3102/SR/ ICT210	Mentoring				
	Gr2										
TUE	Gr1	L/INFO3104/UKD/ICT211		L/INFO3103/SRB/I CT211	BREAK	L/INFO3133 /DPM/ICT210		P/INFO3153/ICTB06/SRB/TM, SG/Gr2			
	Gr2										
WED	Gr1	P/INFO3152/ICTB06/SJR/TM, AD/Gr1				BREAK	L/INFO3103/ICT211/SRB	L/INFO310 2//SJR/ICT 211	Remedial (ICT211)		
	Gr2	P/INFO3151/ICTB05/SND/SB, SG/Gr2									
THURS	Gr1	P/INFO3151/ICTB05/SPB/SB, CD/Gr1				BREAK	L/INCO3016 /SG/ICT211	L/INFO3101/SPB/ICT211			
	Gr2										
FRI	Gr1	L/INFO3104/UKD/ICT211		L/INFO3133 /SND/ICT211	BREAK	P/INFO3153/ICTB01/SRB/SB, MB/Gr1					
	Gr2					P/INFO3152/ICTB06/SJR/TM, AD/Gr2					

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*R. Sinha*  
10/7/2023  
Member

*Sine Ray*  
10/7/23  
HOD

*[Signature]*  
Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<INFORMATION TECHNOLOGY>

**B. Tech 3<sup>rd</sup> Year 1st Semester**

**SESSION: 2023-2024**

## Faculty Details:

## TA Details:


INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SR	Prof. Siuli Roy	IT	AD	Mr. Amal Dutta	IT
SRB	Prof. Satarupa Biswas	IT	SG	Mr. Shantanu Ghosh	IT
DPM	Prof. Deepmalya Mukhopadhyay	IT	SB	Mr. Siddhartha Bose	IT
SND	Prof. Sandipan Dutta	IT	TM	Mr. Timir Maitra	IT
SPB	Prof. Sudipta Bhadra	IT	CD	Ms. Chhanda De	IT
UKD	Prof. Uttam Kumar Dash	IT	MB	Mr. Manas Bhattacharya	CSBS
SJR	Prof. Shubhajit Rakshit	IT			
SG	Prof. Sanchita Gangopadhaya	Humanities			

To be Effective from 17.07.2023

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R. Sinha  
10/7/2023  
Member

  
Smeeta Roy  
10/7/23  
HOD

  
Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<INFORMATION TECHNOLOGY>

**B. Tech** 3<sup>rd</sup> Year 1st Semester

SESSION: 2023-2024

## COURSE STRUCTURE:

Theory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	INFO3101	Advanced Java & Web Technology	3	0	0	3	3	Professional Core Courses
2	INFO3102	Computer Networks	3	0	0	3	3	Professional Core Courses
3	INFO3103	Operating Systems	3	0	0	3	3	Professional Core Courses
4	INFO3104	Formal Language & Automata Theory	4	0	0	4	4	Professional Core Courses
5	INFO3131/INFO3132/ INFO3133	Elective I	3	0	0	3	3	Professional Elective Courses
6	INCO3016	Indian Constitution And Civil Society	2	0	0	2	0	Mandatory Courses
<b>Total Theory</b>			<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>16</b>	
Laboratory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	INFO3151	Advanced Java & Web Technology Lab	0	0	4	4	2	Professional Core Courses
2	INFO3152	Computer Networks Lab	0	0	4	4	2	Professional Core Courses
3	INFO3153	Operating Systems Lab	0	0	3	3	1.5	Professional Core Courses
<b>Total Laboratory</b>			<b>0</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>5.5</b>	
<b>Total of Semester</b>			<b>18</b>	<b>0</b>	<b>11</b>	<b>29</b>	<b>21.5</b>	

### Elective I (5<sup>th</sup> Sem)

1. INFO3131 - Computer Graphics
2. INFO3132 - Distributed Database Management Systems
3. INFO3133 - Cyber Security

To be Effective from 17.07.2023

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

Students should target 100% attendance

*R. Sinha*  
10/7/2023  
Member

*Sinej Day*  
10/7/23  
HOD

*[Signature]*  
Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

TIME TABLE

<INFORMATION TECHNOLOGY>

**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	Gr1		L/HMETS4101/ID/ICT105		BREAK	ECEN4122/SM/CB218	BIOT4126/PC/CB418	INFO4131/SR			
	Gr2					BIOT4124/SDE/CB417	MATH4126/AP/CB202 ELEC4126/JS/ICT206	/ICT210			
TUE	Gr1					INFO4195/SB/ICTB01(Project)		MENTORING			
	Gr2										
WED	Gr1		HMETS4101/NM/ICT105			ECEN4122/SM/ICT210	BIOT4126/PC/CB418	INFO4131/SR			
	Gr2					BIOT4124/SHD/CB417	MATH4126/SC/CB202 ELEC4126/NC/ ICT210	/ICT210			
THU	Gr1	INFO4195/TM/ICTB01(Project)					Remedial	Remedial			
	Gr2						ICT211	ICT210			
FRI	Gr1					ECEN4122/SM/ICT210	BIOT4126/SB/CB418	INFO4131/SPB	INFO4195/SG/ICTB01(Project)		
	Gr2					BIOT4124/SHD/CB417	MATH4126/AP/CB202 ELEC4126/AK/ICT210	/ICT210			

**To be Effective from 17.07.2023**

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**Students should target 100% attendance**

*Rishika*  
16/7/2023  
Member

*Singh Ray*  
16/7/23  
HOD

*[Signature]*  
Principal

# HERITAGE INSTITUTE OF TECHNOLOGY

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<INFORMATION TECHNOLOGY>

**B. Tech 4th Year 1st Semester**

**SESSION: 2023-2024**

**Faculty Details:**

**TA Details:**


INITIALS	FULLNAME	DEPT	INITIALS	FULLNAME	DEPT
SR	Prof. Siuli Roy	IT			
SPB	Prof. Sudipta Bhadra	IT			
SM	Prof. Susovan Mandal	ECE			
AP	Prof. Ashesh Paul	MATH			
SC	Prof. Sandip Chatterjee	MATH			
NC	Prof. Nabanita Chatterjee	EE			
JS	Prof. Jayita Sarkar	EE			
AK	Prof. Anirban Kolay	EE			
SB	Prof. Srabanti Basu	BT			
SDE	Prof. Sudipta Dey Badyopadhyay	BT			
PC	Prof. Plaban Chaudhuri	BT			
SHD	Prof. Sonali Hazara Das	BT			
ID	Indrani De	HU			
NM	Nilanjana Mukhopadhyay	HU			

**To be Effective from 17.07.2023**

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R. Sinha  
10/7/2023  
Member

  
Smei Ray  
10/7/23  
HOD

  
Principal



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### <INFORMATION TECHNOLOGY>

#### B. Tech 4th Year 1st Semester

SESSION: 2023-2024

#### COURSE STRUCTURE:

##### 7<sup>th</sup> Semester Syllabus:

Theory								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	HMTS4101	Principles of Management	3	0	0	3	3	Humanities & Social Sciences including Management Courses
2	INFO4131/ INFO4132/ INFO4133/	Elective III	3	0	0	3	3	Professional Elective Courses
3	MATH4121/ AEIE4122/ ELEC4121/ ECEN4121/ ECEN4122/ ECEN4123/ INFO4122/ BIOT4124	Open Elective II	3	0	0	3	3	Open Elective Courses
4	ECEN4126/ ECEN4127/ AEIE4127/ BIOT4126/ MATH4126/ ELEC4126	Open Elective III	3	0	0	3	3	Open Elective Courses
Total Theory			12	0	0	12	12	

Sessional								
Sl. No	Course Code	Course Name	Contact Hrs per Week				Credit Points	Type of Paper
			L	T	P	Total		
1	INFO4191	Industrial Training/ Internship	-	-	-	-	2	Internship in industry or Elsewhere
2	INFO4195	Project I	0	0	8	8	4	Project work, internship in industry or Elsewhere
Total Sessional			0	0	8	8	6	

Elective III(7 <sup>th</sup> Sem)	Open Elective II(7 <sup>th</sup> Sem)
1. INFO4131 – Introduction to Internet of Things 2. INFO4132 – Mobile Computing 3. INFO4133 – Real Time Systems	1. MATH4121 – Methods in Optimization 2. AEIE4122 - Linear Control Systems and Applications 3. ELEC4121 – Automatic Control System 4. ECEN4121- Software Defined Radio 5. ECEN4122 - Introduction to Machine Learning 6. ECEN4123 - Error Control Coding for Secure Data Transmission 7. INFO4122 - Machine Learning 8. BIOT4124 - Bio Sensor
	Open Elective III(7 <sup>th</sup> Sem)
	1. ECEN4126 – Principles of Radar 2. ECEN4127 - Ad Hoc Wireless Networks 3. AEIE4127 – Introduction to Embedded System 4. BIOT4126 - Biopolymer 5. MATH4126 - Advanced Linear Algebra 6. ELEC4126 - Principles of Electrical Machines

\*\* Open Elective II offered by IT Department is: Fundamentals of Cloud Computing (INFO4121)

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*R. Sinha*  
10/7/2023  
Member

*Sinej Ray*  
10/2/23  
HOD

*[Signature]*  
Principal