



**Department of Information Technology**

**B.Sc. in Information Technology (BlockChain Technology)**

Semester I						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Mathematics for Computer Science	3	1	0	4
2		Programming for Problem Solving	3	0	4	5
3		Introduction to Financial Technology	3	1	0	4
4		e-Commerce	3	0	4	5
5		English Communication	3	0	4	5
<b>Total Credit</b>						23

Semester II						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Discrete Mathematics	3	1	0	4
2		OOPS' and C++	3	0	4	5
3		Ethereum	3	1	0	4
4		Data Structure with Python	3	1	4	5
5		Environmental Science	1	0	0	1
<b>Sessional</b>						
1		Project 1	0	0	4	2
<b>Total Credit</b>						21

Semester III						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Computer Networking	3	0	4	5
2		Operating Systems	3	0	4	5
3		Numerical Analysis and Statistic	3	0	4	5
4		Web security	3	1	0	4
<b>Total Credit</b>						19

Semester IV						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Bitcoin	3	1	0	4
2		Database Management System	3	0	4	5
3		E-Commerce Security	3	0	4	5
4		E-Governance	3	1	0	4
5		Values and Ethics in Profession	3	1	0	4
<b>Sessional</b>						
1		Project II	0	0	4	2



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		<b>Total Credit</b>	24
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Semester V						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Software Project Management ,Quality Assurance & Security	3	1	0	4
2		Block Chain Technology	3	1	0	4
3		Bitcoin Wallets and Mining Software	3	0	4	5
4		Introduction to Cryptocurrency	3	1	0	4
5		<b>Elective 1</b>	3	0	0	3
		Advanced Unix and Shell Programming				
		Human Computer Interaction				
		Multimedia & Graphics				
6		Industrial Training and Internship	0	0	2	1
<b>Sessional</b>						
1		Major Project I	0	0	4	2
<b>Total Credit</b>						23

Semester VI						
Sl. No.	Course Code	Course Name	L	T	P	Credits
<b>Theory</b>						
1		Hyperledger Fabric	3	1	0	4
2		Information and coding theory	3	1	0	4
3		<b>Elective 2</b>	3	0	0	3
		Network Security				
		IOT Security				
		Cloud Security				
<b>Sessional</b>						
1		Grad Viva	0	0	2	1
2		Major Project II	0	0	8	4
<b>Total Credit</b>						16



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NH-12 (Old NH-34), Simhat, Haringhata, Nadia -741249

**Department of Information Technology**

<b>Semester</b>	<b>Credit</b>
I	23
II	21
III	19
IV	24
V	23
VI	16
<b>TOTAL</b>	<b>126</b>