IST SEMESTER(GROUP A)

GROUP A: (CSE, EC, EE, EX, RA) ***w.e.f July 2026***

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem.	Quiz/ Assignment	End Sem.	Lab work &Sessional		L	T	P	
Mandatory Induction Program(……01…….week)				Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarizati onto Dept./Branch & Innovations									
……02……..week onwards classes will start													
1.	**BT101**	BSC-1	**Engineering Chemistry**	70	20	10	30	20	150	3	-	2	4
2.	**BT102**	BSC-2	**Engineering Mathematics-I**	70	20	10	-	-	100	3	1	-	4
3.	**BT103**	HSMC-1	**Communication Skills**	70	20	10	30	20	150	3	-	2	4
4.	**BT104**	ESC-1	**Basic Electrical and Electronics Engineering**	70	20	10	30	20	150	2	-	2	3
5.	**BT105**	ESC-2	**Engineering Graphics & Visualization**	70	20	10	30	20	150	2	-	2	3
6.	**BT106**	ESC-3	**Design Thinking & Idea Lab**	-	-	-	15	10	25	-	1	2	2
7.	**BT107**	P-1	**Micro Project - I**	-	-	-	15	10	25	-	-	2	1
9.	**BT108**	DLC-1	**Internship - I (60Hrs Duration) at institute level**	**To be completed during or at the end of the semester. Its evaluation/credit to be added in third semester**									
10.	**BT109**	LLC-1	Swachh Bharat Summer Internship Unnat Bharat Abhiyan/ Rural Outreach	**Non-Credit Course**									
			Total	**350**	**100**	**50**	**150**	**100**	**750**	**13**	**2**	**12**	**21**

Computer Science and Engineering(CSE), Electrical and Electronics Engineering(EX), Electrical Engineering(EE), Electronics and Communication Engineering(EC), Robotics and Artificial Engineering(RA).

1HrLecture	1HrTutorial	2HrPractical
1Credit	**1Credit**	**1Credit**

IST SEMESTER(GROUP B)

GROUP B: (AL, CD, CE, IS, ME) ***w.e.f July 2026***

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical						
				End Sem.	Mid Sem.	Quiz/ Assignment	End Sem.	Lab work &Sessional		L	T	P	
Mandatory Induction Program(…01…….week)				Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarizati onto Dept./Branch & Innovations									
……02……..week onwards classes will start													
1.	**BT201**	BSC-3	**Engineering Physics**	70	20	10	30	20	150	3	-	2	4
2.	**BT102**	BSC-2	**Engineering Mathematics-I**	70	20	10	-	-	100	3	1	-	4
3.	**BT203**	ESC-4	**Basic Mechanical Engineering**	70	20	10	30	20	150	3	-	2	4
4.	**BT204**	ESC-5	**Basic Civil Engineering and Mechanics**	70	20	10	30	20	150	3	-	2	4
5.	**BT205**	ESC-6	**Programming for Problem Solving**	70	20	10	30	20	150	2	-	2	3
6.	**BT206**	ESC-7	**Workshop**	-	-	-	15	10	25	-	-	2	1
7.	**BT 107**	P-I	**Micro Project I**	-	-	-	15	10	25	-	-	2	1
8.	**BT108**	DLC-1	**Internship - I (60Hrs Duration) at institute level**	**To be completed during or at the end of the semester. Its evaluation/credit to be added in third semester**									
9.	**BT109**	LLC-1	Swachh Bharat Summer Internship Unnat Bharat Abhiyan/ Rural Outreach	**Non-Credit Course**									
			Total	**350**	**100**	**50**	**150**	**100**	**750**	**14**	**1**	**12**	**21**

CSE-Artificial Intelligence and Machine Learning(AL) , CSE-IOT and Cyber Security including Block Chain Technology(IS), CSE-Data Science(CD), Civil Engineering(CE), Mechanical Engineering(ME).

1HrLecture	1HrTutorial	2HrPractical
1Credit	**1Credit**	**1Credit**