Department of Physics School of Technology B.Sc. (Physics) Course Structure

Computery Subjects	Sr. No.	Title of the Course	Course Code		Teaching Sche,	2	Credit Compo nent wise	Total Credit
1	Semeste	er-I		L	T	P		
2		Compulsory Subjects						
3 Chemistry - I		University Physics – I	16BSP101T		0		+	
4 Chemistry - Lab 1685(191P 0 0 2 1								
Calculus - I (For A Group)					+			
Sasci Mathematics - I [For B Group]	4	-					1	
6	5	1						
Foreign Language	-				1			
The content of the	0		16A101	1	0	4	3	23
Semester	7	0 0 0	16 4 1 0 0	1	0	4	1	20
Page Dipance					+		3	
Beteive Subject (Any Two)							1	
10 Introduction to Computer Science	-	•	10/1110	1	Ü	· ·		
11 Elementary Algebra 208SM103E 3 0 0 0 3 1 1 2 LeaderStip 16A106 3 0 0 0 4 1 1 1 1 1 1 1 1 1	10	• • • • •	16A104	1	0	4		
12 Leadership 16A106 3 0 0 0	11						2.2	
Compulsory Subjects	12				0		3+3	
Compulsory Subjects	13	Understanding Theatrical Arts	16A107	1	0	4		
Compulsory Subjects								
1 University Physics - II 1688P201T 3 0 0 2 1	Semeste							
2 University Physics - II Lab						1	1	
3							+	
Calculus-II Genestry Lab-II Genestry Lab-I							+	
Semester-III					+	+	+	
Sasic Mathematics - II (For B Group)		Ž					1	
6 Elements of Environmental Studies 168SP203T 3 0 0 3	5				+	-	- 3	
Foreign Language II	6					ļ	3	
7 French -	-		10001 2001	3	Ů	Ů		
Second Compulsory Subjects Compulsory Subject Compulsory Subjects Compulsory Subjects Compulsory Subject Computer Compulsory Subject Compulsory Subject	7		16A219	1	0	4		22
Semester-III							3	23
10 Mechanics	9					4	1	
10 Mechanics								
11		Elective Subject (Any Two)						
12							1	
Theory of equation							4	
14 Musical styles					+		3+3	
15 Ovierview of Indian art 16A217 3 0 0					+		4	
Semester-III		•					-	
Compulsory Subjects	13	Ovierview of Indian art	10A217	3	0	0	1	
Compulsory Subjects	Semeste	er-III						
1	bemest							
2 Basic Mathematics - III (For B Group) 20BSM202T	1		20BSM201T	4	0	0	4	
Table Tabl	2							
S Electricity and Magnetism - Lab	3	Waves and Optics	17BSP301T	4	0	0	4	
Modern Method of Water treatment (Chemistry Subsidiary)		, 0					_	
Subsidiary 1785C3041 4	5	Electricity and Magnetism - Lab	17BSP302P	0	0	2	1	
Introduction to Modern Physics (Physics Subsidiary-Offered to Chemistry and Mathematics students only) I7BSP304T 4			17BSC304T	4	0	0		
Introduction to Modern Physics (Physics Subsidiary-Offered to Chemistry and Mathematics students only) 17BSP304T 4 0 0 0	6	Subsidiary)					4	
Compa Comp		Introduction to Modern Physics (Physics Subsidiary-	17BSP304T	4	0	0	-	
Comp A 178SC305T 3 0 0 0 0 0 0 0 0 0			1, 50, 50, 11	•	· ·			
Croup A						1		
Chemical biology (Chemistry Elective -I)								
Chemical biology (Chemistry Elective -I)	7	Introduction to Bio organic chemistry and	17BCC20ET	2	0	0	1	
Introduction to Geo-informatics (Physics Elective-I)		chemical biology (Chemistry Elective -I)	1/03/3/03/1	3	U	U]	23
1	ρ	Introduction to Geo-informatics (Physics Elective-	17RSP20ET	2	0	0		
10 Films and Society 20A330 3 0 0 0		I)					1	
10 Films and Society 20A330 3 0 0 0 1 1 Workplace communication 17A309 3 0 0 0 1 1 2 Environmental Psychology 20A329 3 0 0 0 1 3 Atmospheric Sciences 17A311 3 0 0 0 1 4 Indian Government and politics 17A312 3 0 0 0 1 5 Basics of Accounting 17A317 3 0 0 0 1 1 1 1 1 1 1	9		20BSM205E	3	0	0	1	
11 Workplace communication 17A309 3 0 0 12 Environmental Psychology 20A329 3 0 0 13 Atmospheric Sciences 17A311 3 0 0 14 Indian Government and politics 17A312 3 0 0 15 Basics of Accounting 17A317 3 0 0 16 Introduction to Human Resource Management 17A318 3 0 0							1	
11 Workplace communication 17A309 3 0 0 12 Environmental Psychology 20A329 3 0 0 13 Atmospheric Sciences 17A311 3 0 0 14 Indian Government and politics 17A312 3 0 0 15 Basics of Accounting 17A317 3 0 0 16 Introduction to Human Resource Management 17A318 3 0 0					+		3+3	
13 Atmospheric Sciences 17A311 3 0 0 14 Indian Government and politics 17A312 3 0 0 15 Basics of Accounting 17A317 3 0 0 16 Introduction to Human Resource Management 17A318 3 0 0					+		1 - 1	
14 Indian Government and politics 17A312 3 0 0 15 Basics of Accounting 17A317 3 0 0 16 Introduction to Human Resource Management 17A318 3 0 0					+		1	
15 Basics of Accounting 17A317 3 0 0 16 Introduction to Human Resource Management 17A318 3 0 0					+	-	4	
16 Introduction to Human Resource Management 17A318 3 0 0					+	<u> </u>	4	
					+	-	4	
1/ Introduction to Law and Governance 1/A320 3 0 0						ļ	4	
	17	introduction to Law and Governance	17A320	3	0	0	4	

	T				I		I
Semest	er-IV						
semest	Compulsory Subjects						
1	Elements of Mathematical Physics	17BSP401T	4	0	0	4	
2	Heat and Thermodynamics	17BSP402T	4	0	0	4	
3	Material Science	17BSP403T	4	0	0	4	
4	Material Science Lab	17BSP403P	0	0	2	1	
	Smart Chemistry in everyday life (Chemistry					1	
	Subsidiary)	17BSC404T	4	0	0	4	
5	Structure and Properties of Materials (Physics						
	Subsidiary- Offered to students of Chemistry and	17BSP404T	4	0	0		
	Mathematics only)						
	Elective Subject (Any One from Each Group)						
	Group A						
6	Time Series Analysis (Physics elective -2)	17BSP405T	3	0	0		23
7	Environmental Chemistry (Chemistry Elective -2)	17BSC405T	3	0	0	3	
	Group B						
9	Statistics	17A408	3	0	0		
10	Rural Development in India	17A409	3	0	0	1	
11	Cognitive Psychology	20A434	3	0	0		
12	Educational Psychology	20A435	3	0	0	3	
13	Soft Skills	17A412	3	0	0	†	
14	Advanced Atmospheric Science	17A414	3	0	0	1	
15	Principles of Financial Management	17A414 17A420	3	0	0	1	
13	11111cipies of 1 manetal Management	1,11720	<u> </u>	3	-		
Semest	l er-V	1			I	1	
Jemest	Compulsory Subjects	1					
1	Atomic and Molecular Physics	18BSP501T	4	0	0	4	
2	Solid State Physics	18BSP502T	4	0	0	4	
3	Classical Mechanics	18BSP503T	4	0	0	4	
4	Electromagnetic theory	18BSP504T	4	0	0	4	
5	Nuclear and Particle Physics	18BSP505T	4	0	0	4	
6	Solid State Physics Lab	18BSP502P	0	0	2	1	25
7	Nuclear and Particle Physics Lab	18BSP505P	0	0	2	1	
/	Elective Subject (Any One)	100313031	U	U		+ +	
0		18BSP506T	3	0	0		
8	Introduction to Bio- Physics	18BSP506T	3	0	0	3	
		18BSP506T 18BSP507T	3	0	0	3	
	Introduction to Bio- Physics Medical physics (Not offered)			-		3	
9	Introduction to Bio- Physics Medical physics (Not offered)			-		3	
9	Introduction to Bio- Physics Medical physics (Not offered) er-VI			-		3	
9 Semest	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects	18BSP507T	3	0	0		
9 Semest	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics	18BSP507T 18BSP601T	4	0	0	4	
9 Semest 1 2	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics	18BSP507T 18BSP601T 18BSP602T 18BSP603T	4 4 4	0 0 0 0	0 0 0	4 4	
9 Semest 1 2	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics	18BSP507T 18BSP601T 18BSP602T	4 4	0 0	0 0	4 4	
9 Semest 1 2 3	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate	18BSP507T 18BSP601T 18BSP602T 18BSP603T	4 4 4	0 0 0 0	0 0 0	4 4 4	25
9 Semest 1 2 3	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP603P	4 4 4 4 4 0	0 0 0 0 0	0 0 0 0 0	4 4 4 4	25
9 Semest 1 2 3 4 5	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T	4 4 4 4	0 0 0 0	0 0 0 0	4 4 4 4	25
9 Semest 1 2 3 4 5 6	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One)	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP603P 18BSP604P	4 4 4 4 4 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2 2	4 4 4 4 1	25
9 Semest 1 2 3 4 5 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered)	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP605T 18BSP605T 18BSP604P 18BSP606T	4 4 4 4 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2 2	4 4 4 1 1 1	25
9 Semest 1 2 3 4 5 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One)	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP603P 18BSP604P	4 4 4 4 4 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2 2	4 4 4 4 1	25
9 Semest 1 2 3 4 5 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP605T 18BSP605T 18BSP604P 18BSP606T	4 4 4 4 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2 2	4 4 4 1 1 1	25
9 Semest 1 2 3 4 5 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP605T 18BSP605T 18BSP604P 18BSP606T	4 4 4 4 0 0	0 0 0 0 0 0	0 0 0 0 0 0 2 2	4 4 4 1 1 1	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP603P 18BSP604P 18BSP606T 18BSP607T	4 4 4 4 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP604P 18BSP606T 18BSP606T 18BSP607T	3 4 4 4 4 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T	3 4 4 4 4 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2	4 4 4 1 1 1 3 3 4 4 4 4 4	25
9 Semest 1 2 3 4 5 6 7 Semest 1 2 3 3 4 5 6 7 3 4 5 6 7 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP603P 18BSP604P 18BSP604P 18BSP607T 19BSP701T 19BSP702T 19BSP703T	3 4 4 4 4 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 4 5 6 7 4 4 5 6 7 8 9 4 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP704T	3 4 4 4 4 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 5 6 7 8 9 Semest 1 2 3 4 5	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP606T 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703P	3 4 4 4 4 0 0 0 3 3 3 4 4 4 4	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2 0 0	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 4 5 6 7 4 4 5 6 7 8 9 4 6 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP704T	3 4 4 4 4 0 0 0 3 3 3	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2	4 4 4 4 1 1 1 3	
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 5 6 7 8 9 Semest 1 2 3 4 5	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP606T 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703P	3 4 4 4 4 0 0 0 3 3 3 4 4 4 4	0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2 0 0	4 4 4 4 1 1 1 3	25
9 Semest 1 2 3 4 5 6 7 Semest 1 2 3 4 5 6 6 6	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two)	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP605T 18BSP603P 18BSP604P 18BSP604P 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703T 19BSP703P 19BSP701P	3 4 4 4 4 0 0 0 3 3 3 4 4 4 4 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2 0 0 0	4 4 4 4 1 1 1 3	
9 Semest 1 2 3 4 5 6 7 Semest 1 2 3 4 5 6 7 7	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two) Applied Optics (Not offered)	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP605T 18BSP603P 18BSP604P 18BSP604P 18BSP607T 18BSP701T 19BSP702T 19BSP703T 19BSP703T 19BSP703P 19BSP701P	3 4 4 4 4 0 0 0 3 3 3 4 4 4 4 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2 0 0 0 0 0	4 4 4 4 1 1 1 3	
9 Semest 1 2 3 4 5 6 7 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 6 7 8	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two) Applied Optics (Not offered) Introduction to Bio-informatics	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703P 19BSP701P	3 4 4 4 0 0 0 3 3 3 4 4 4 4 0 0 0 0 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2 2 0 0 0 0 0 0 0 0	3 4 4 4 1 1 1 3 4 4 4 4 4 1 1 1	
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 6 7 8 9	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two) Applied Optics (Not offered) Introduction to Bio-informatics Introduction to Programming	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP603P 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703P 19BSP701P 19BSP705T 19BSP706T 19BSP706T	3 4 4 4 4 0 0 0 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2 2 0 0 0 0 0 0 0 0 0 0	4 4 4 4 1 1 1 3	
9 Semest 1 2 3 4 5 6 7 Semest 1 2 3 4 5 6 7 Figure 1 1 2 3 4 5 6 7 8 9 10	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two) Applied Optics (Not offered) Introduction to Bio-informatics Introduction to Bio-informatics Introduction to Bio-informatics Introduction to Astrophysics (Not Offered)	18BSP507T 18BSP601T 18BSP602T 18BSP602T 18BSP603T 18BSP604T 18BSP605T 18BSP604P 18BSP604P 18BSP604P 18BSP701T 19BSP702T 19BSP702T 19BSP704T	3 4 4 4 0 0 0 3 3 3 4 4 4 4 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 2 2 2 0 0 0 0 0 0 0 0 0 0 0	3 4 4 4 1 1 1 3 4 4 4 4 4 1 1 1	
9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 6 7 8 9 Semest 1 2 3 4 5 6 7 8 9	Introduction to Bio- Physics Medical physics (Not offered) er-VI Compulsory Subjects Statistical Mechanics Introduction to Quantum Mechanics Basic Electronics Fundamental of Atmospheric Sciences and climate change Laser and Applications Electronics Lab Atmospheric science and Remote sensing lab Elective Subject (Any One) Radiological Physics (Not offered) Introduction to Plasma Physics er-VII Compulsory Subjects Mathematical Physics-II Introduction to Nanomaterials Measurements, Instrumentation and Control Renewable Energy and Energy Harvesting Measurements, Instrumentation and Control Lab C Programming Lab Elective Subject (Any Two) Applied Optics (Not offered) Introduction to Bio-informatics Introduction to Programming	18BSP507T 18BSP601T 18BSP602T 18BSP603T 18BSP603T 18BSP604T 18BSP603P 18BSP604P 18BSP606T 18BSP607T 19BSP701T 19BSP702T 19BSP703T 19BSP703P 19BSP701P 19BSP705T 19BSP706T 19BSP706T	3 4 4 4 4 0 0 0 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 2 2 2 0 0 0 0 0 0 0 0 0 0	3 4 4 4 1 1 1 3 4 4 4 4 4 1 1 1	
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