



**B.Sc. in PCM (Mathematics, Physics)**

**Year: Third / Semester: Sixth (Even Semester)**

S. N.	Course Code	Course Title	Theory (T) / Practical (P)	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)			
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics		
1	B030601T/MT324	Metric Space & Complex Analysis	T	Core Major	3	1	0	15	10	25	75	100	04	✓		✓							
2	B030602T/MT325	Numerical Analysis & Operations Research	T		3	1	0	15	10	25	75	100	04	✓		✓							
3	B010601T/PY314	Solid State & Nuclear Physics	T		3	1	0	15	10	25	75	100	04	✓									
4	B010602T/PY315	Analog & Digital Principles & Applications	T		3	1	0	15	10	25	75	100	04	✓									
5	•B030603P/MT326 •--	•Practical on Numerical Analysis using Mathematica OR •MATLAB	P		0	0	4	15	10	25	75	100	02	✓		✓							
6	B010603P/PY316	Analog & Digital Circuits	P		0	0	4	15	10	25	75	100	02	✓									
7	Z060601T	Communication Skills and Personality Development	T	Co-curricular	2	0	0	15	10	25	75	100	02	✓	✓	✓			✓	✓	✓		
8	B030604R/MT334	Mathematics Project-2	P	Core Major	0	0	6	0	0	0	-	100	03	✓		✓			✓		✓		
<b>TOTAL</b>					<b>14</b>	<b>4</b>	<b>14</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>525</b>	<b>800</b>	<b>25</b>										



**B.Sc. in PCM (Mathematics, Chemistry)**

**Year: Third / Semester: Sixth (Even Semester)**

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					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics			
1	B030601T/MT324	Metric Space & Complex Analysis	T	Core Major	3	1	0	15	10	25	75	100	04	✓		✓								
2	B030602T/MT325	Numerical Analysis & Operations Research	T		3	1	0	15	10	25	75	100	04	✓		✓								
3	B020601T/CH353	Organic Synthesis-B	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓	✓	✓				
4	B020602T/CH354	Chemical Energetics and Radiochemistry	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓	✓	✓				
5	•B030603P/MT326 •--	• Practical on Numerical Analysis using Mathematic OR • MATLAB	P		0	0	4	15	10	25	75	100	02	✓		✓								
6	B020603P/CH355	Analytical Methods	P		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓				
7	Z060601T	Communication Skills and Personality Development	T	Co-curricular	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓				
8	•B030604R/MT336 OR •B020604R/CH356	•Statistics Project-2 OR •Chemistry Research Project-2	P	Core Major	0	0	6	0	0	0	-	100	03	✓		✓		✓						
<b>TOTAL</b>					<b>14</b>	<b>4</b>	<b>14</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>525</b>	<b>800</b>	<b>25</b>											



**B.Sc. in PCM (Physics, Chemistry)**

**Year: Third / Semester: Sixth (Even Semester)**

S. N.	Course Code	Course Title	Theory (T) / Practical (P)	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)			
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (T.A)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics		
1	B010601T/PY314	Solid State & Nuclear Physics	T	Core Major	3	1	0	15	10	25	75	100	04	✓									
2	B010602T/PY315	Analog & Digital Principles & Applications	T		3	1	0	15	10	25	75	100	04	✓									
3	B020601T/CH353	Organic Synthesis-B	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓	✓	✓			
4	B020602T/CH354	Chemical Energetics and Radiochemistry	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓	✓	✓			
5	B010603P/PY316	Analog & Digital Circuits	P		0	0	4	15	10	25	75	100	02	✓		✓							
6	B020603P/CH355	Analytical Methods	P		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓			
7	Z060601T	Communication Skills and Personality Development	T	Co-curricular	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓			
8	•B030604R/MT336 OR •B020604R/CH356	•Statistics Project-2 OR •Chemistry Research Project-2	P	Core Major	0	0	6	0	0	0	-	100	03	✓		✓			✓				
<b>TOTAL</b>					<b>14</b>	<b>4</b>	<b>14</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>525</b>	<b>800</b>	<b>25</b>										