



**Integral University, Lucknow**  
**Department of Biosciences**

Evaluation Scheme of Under Graduate & Post Graduate Program as per NEP-2020 Guidelines



**Integral University, Lucknow**

**DIPLOMA IN BIOTECHNOLOGY**

Year: Second / Semester: Third (Odd Semester)

S. N.	Course Code	Course Title	Theory / Practical	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	B100301T/BS207	Molecular Biology	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓								
2	B100303T/BS208	Basics of Microbiology	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓								
3	B100302P/ BS209	Molecular Biology Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓								
4	B100304P/BS210	Microbiology Lab	Practical		0	0	4	15	10	25	75	100	02	✓		✓			✓			✓		
5	B020305T/CH245	Concepts of Advanced Chemistry-I	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓			✓			✓		
6	B020306P/CH246	Concepts of Advanced Chemistry-I Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓			✓			✓		
7	B100303V/BS247	Molecular diagnostics	Theory	Vocational	3	0	0	-	-	-	100	100	03	✓	✓	✓								
8	Z030301/ES225	Human Values and Environment studies	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02						✓	✓	✓	✓		
<b>TOTAL</b>					<b>14</b>	<b>3</b>	<b>12</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>625</b>	<b>800</b>	<b>23</b>											



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**DIPLOMA IN BIOTECHNOLOGY**

**Year: Second / Semester: Fourth (Even Semester)**

S. N.	Course Code	Course Title	Theory / Practical	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	B100401T/BS218	Industrial Biotech and Bioprocess Technology	Theory	Core	3	1	0	15	10	25	75	100	04	✓	✓	✓		✓			
2	B100403T/BS256	Infection and immunity	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓					
3	B100402P/BS210	Industrial Biotechnology Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓			
4	B100404P/BS258	Immunological Techniques Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓					
5	B020405T/CH247	Concepts of Advanced Chemistry-II	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓			
6	B020406P/CH248	Concepts of Advanced Chemistry-II Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓			
	B030402T/MT237	Numerical analysis and testing of hypothesis	Theory	Minor	3	1	0	15	10	25	75	100	04	✓	✓	✓					
7	BM292/F010404TA	Entrepreneurship Development												✓	✓	✓		✓	✓		
8	B110405V/BS259	Molecular medicine	Theory	Vocational	3	0	0	-	-	-	100	100	03	✓	✓	✓		✓			
9	Z040401	Physical Education and Yoga	Theory	Co-curricular Compuls	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓			





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