

National Institute of Technology Raipur												
Course of Study and Scheme of Examination							B. Tech. 3rd Semester				Biotechnology	
S. No.	Subject Code	Subject Name	Periods per Week			TA	Examination Scheme				Total Marks	Credits
			L	T	P		MSE/MTR		ESE/ESVE			
							Theory	Prac.	Theory	Prac.		
1	BT103101BT	Biochemistry	3	1	0	20	30		50		100	4
2	BT103102BT	Biophysical Techniques	3	1	0	20	30		50		100	4
3	BT103103BT	Bioprocess Calculations	3	1	0	20	30		50		100	4
4	BT103104IT	Object oriented Methodology	3	1	0	20	30		50		100	4
5	BT103105BT	Microbiology	3	1	0	20	30		50		100	4
6	BT103001MA	Mathematic III	4	0	0	20	30		50		100	4
7	BT103401BT	Biochemistry and Microbiology Lab	0	0	2	40		20		40	100	1
8	BT103402IT	OOM lab using JAVA and UML	0	0	2	40		20		40	100	1
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National Institute of Technology Raipur												
Course of Study and Scheme of Examination							B. Tech. 4th Semester				Biotechnology	
S. No.	Subject Code	Subject Name	Periods per Week			TA	Examination Scheme				Total Marks	Credits
			L	T	P		MSE/MTR		ESE/ESVE			
							Theory	Prac.	Theory	Prac.		
1	BT104101BT	Cell and Molecular Biology	3	1	0	20	30		50		100	4
2	BT104102BT	Enzyme Technology	3	1	0	20	30		50		100	4
3	BT104103BT	Genetics	3	1	0	20	30		50		100	4
4	BT104104BT	Animal Cell and Plant Tissue Culture	3	1	0	20	30		50		100	4
5	BT104105BT	Thermodynamics & Reaction Engineering	3	1	0	20	30		50		100	4
6	BT104001MA	Mathmatics IV (Numerical Methods)	4	0	0	20	30		50		100	4
7	BT104401BT	Cell and Molecular Biology Lab	0	0	2	40		20		40	100	1
8	BT104402BT	Enzyme Technology Lab	0	0	2	40		20		40	100	1
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