

Course Code	Course name	Semester	Credits	Instructors		Eligibility
B. Tech.						
BT 201	Biochemical Process Calculations	3	6	Maiti Soumen Kr.		B. Tech 3rd semester
BT 202	Biothermodynamics	3	6	Selvaraju N.	Satpati P.	B. Tech 3rd semester
BT 203	Biochemistry	3	6	Kunnumakkara A.B.	Limaye A. M.	B. Tech 3rd semester
BT 204	Genetics	3	6	Rakhi Chaturvedi		B. Tech 3rd semester
BT 205	Cell and Molecular Biology	3	6	Nagotu Shirisha	Ghosh S. S.	B. Tech 3rd semester
BT 201M	Essentials of Biochemistry	3	6	Limaye A. M.		B. Tech 3rd semester
BT 301	Biophysics	5	6	Gupta Navin	R. Swaminathan	B. Tech 5th semester
BT 302	Bioinformatics	5	6	Anand B	Kanaujia S. P.	B. Tech 5th semester
BT 303	Biochemical Engineering	5	6	Pandel L. M.		B. Tech 5th semester

BT 304	Immunology	5	6	Kumar Manish		B. Tech 5th semester
BT 311	Biochemical Engineering Laboratory	5	6	Debasish D.	Senthilkumar S.	B. Tech 5th semester
BT 312	Analytical Biotechnology Laboratory	5	6	Patra Sanjukta	Jaganathan Bithiah G.	B. Tech 5th semester
BT 301M	Cellular Biotechnology	5	6	Kumar Sachin	Sahoo L.	B. Tech 5th semester
M. Tech.						
BT 501	Biotechniques	1	6	Ramakrishnan Vibin	Nitin Chaudhary	M. Tech (BT & Bioengg.) 1st semester
BT 503	Advanced Genetic Engineering	1	6	Jaganathan Bithiah G.	Patra S.	M. Tech (BT) 1st semester
BT 510	Analytical Biotechnology Lab	1	6	Saini G. K.		M. Tech (BT) 1st semester
BT 600	M. Tech. Seminar	3	2	Kanaujia S. P.		M. Tech (BT) 3rd semester
BT 521	Advanced Bioreactor Engineering	1	6	Ramesh A.	Senthilkumar S.	M. Tech (Bioengg.) 1st semester

BT 645	Introduction to IPR and Ethics	1	6	Tamuli R.		B. Tech. 7th sem, M. Tech. 1st sem, PhD
BT 530	Experimental techniques in Bioengineering	1	6	Goyal A.		M. Tech (Bioengg.) 1st semester
BT 623	Research Methodology	3	6	Bora Utpal		B. Tech. 7th sem, M. Tech. 1st sem, M. Tech. (Bioengg.) 3rd sem, PhD
B. Tech. 7th semester open electives (2)						
BT 612	Systems Biology	7	6	Bose B.		B. Tech. 7th sem, M. Tech. 1st sem, PhD
BT 637	Genome Editing and Engineering	7	6	Singh Kusum K.	Thummer R. P.	B. Tech. 7th sem, M. Tech. 1st sem, PhD
Other departmental electives						
BT 609	Bioprocess Engineering	7	6	Dasu V. V.	Pakshirajan K.	B. Tech. 7th sem, M. Tech. 1st sem, PhD

BT 617	Concepts and Methods in Proteomics	7	6	Trivedi V.		B. Tech. 7th sem, M. Tech. 1st sem, PhD
BT 618	Biomaterials	7	6	Mandal B. B.	Chanda S.	B. Tech. 7th sem, M. Tech. 1st sem, PhD
BT 620	Biosensors	7	6	Goswami P.		B. Tech. 7th sem, M. Tech. 1st sem, PhD