

SCHOOL OF BIOTECHNOLOGY
Jawaharlal Nehru University
New Delhi – 110067

LIST OF COURSES TO BE OFFERED TO Ph.D. STUDENTS
DURING MONSOON SEMESTER 2024-25

COURSE NO.	COURSE TITLE	CREDIT
BT 670	Research and Public Ethics	2
BT 617	JOURNAL CLUB-I	1
*	Elective-I/Elective II	3

***Advanced Discussion Courses:(for Monsoon/Winter semester):**
Students have option to select any “Two” of the below-mentioned
Discussion Course after consultation with faculty:

COURSE NO.	COURSE TITLE	CREDIT	Faculty
BT611	Protein Stability and Folding	3	Prof. R. Bhat & Prof. Rajesh Mishra
BT616	Computational and Structural Biology	3	Dr.D.Choudhury
BT618	Tumor Virology	3	Dr.S.M. Rajala
BT619	Cell Cycle Control & Regulated Protein Degradation	3	Dr. Swati Tiwari
BT620	Molecular & Cellular Signaling	3	Dr. R. Arya
BT627	Proteomics & its application in Biotechnology	3	Prof. Suneel Kateriya
BT 658	Advanced Agriculture Biotechnology	3	Dr. Manoj K. Sharma
BT 659N	Advanced Cellular Immunology	3	Dr. Ravi Tandon
BT671	Classical and Current Trends in Cancer Biology	3	Dr. Virendra Singh
BT 629	Synthetic Biology	3	Prof. Pawan K. Dhar
BT 628	Nano Biotechnology & Its Applications	3	Dr. Jaydeep Bhattacharya
BT660	Advance Discussion Course on Comprehensive Infectious Disease Biology	3	Dr. Ravi Tandon & Prof. Rupesh Chaturvedi
BT662	Advance Discussion Course in Computer Programming	3	Dr. D. Choudhury & Dr. J. Bhattacharya
BT663	Advance Discussion Course on Bioinformatics	3	Dr. H.R. Kushwaha
BT668	Metagenomics	3	Prof. S.S. Maitra

BT 601	Microbiome Therapeutics and Diagnostics	3	Dr. Arvind P Singh
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COURSE NO.	COURSE TITLE	CREDITS
BT 669	RESEARCH METHODOLOGY	4
BT 653	JOURNAL CLUB-II	1

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The minimum requirements of the Ph.D. course work is 14 credits. Additionally, students can opt more advanced discussion courses in either monsoon or winter semester depending on need and the requirements of PMRF.