

Code	P G Diploma in Bioinformatics	Credit
	MODULE I ( 4 months)	
BIC 101	Modern Biology Fundamentals	3
BIC 102	Computer Fundamental and Programming Skills	2
BIC 103	Basics of Mathematical Analysis	3
BIC 104	Bioinformatics Resources and Applications	2
BIC 105	Database Management System	2
BIC 106	Bioinformatics Lab – I	1
BIC 107	Computer Lab - I	2
	MODULE II ( 4 months)	
BIC 201	Basics of Statistical Analysis	3
BIC 202	PERL and Objected Oriented Programming in C++	2
BIC 203	Internet Technology and Web Programming	2
BIC 204	Structural Bioinformatics	2
BIC 205	Bioinformatics Lab - II	1
BIC 206	Computer Lab - II	2
	MODULE III ( 4 months)	
BIC 301	JAVA Technology and BioJava	2
BIC 302	Algorithms in Bioinformatics and BioPerl	2
BIC 303	Genomics & Proteomics	3
BIC 304	Artificial Intelligence and Optimization Techniques	2
BIC 305	Cheminformatics and Computer Aided Drug design	2
BIC 306	Bioinformatics Lab - III	2
BIC 307	Computer Lab - III	2
BIC 308	Project Work	4
	Total Credits	46