

## M.Tech Bioinformatics Course structure

### For 1<sup>st</sup> Semester : Total 24 Credit

Code	Courses	Credits	Total
MBIN 101	Cell and Molecular Biology	3	24
MBIN 102	Biochemistry	3	
MBIN 103	Basics of Mathematics and Statistics	3	
MBIN 104	Bio tools and Bio database	3	
MBIN 105	Computational Techniques	3	
MBIN 192	Biochemistry Lab & Analytical Techniques Lab	3	
MBIN 194	Bio tools and Bio database Lab	3	
MBIN 195	Computational Techniques Lab	3	

### For 2<sup>nd</sup> Semester : Total 24 Credit

Code	Courses	Credits	Total
MBIN 201	Bio molecular structure and function	4	24
MBIN 203	Computational methods in Biology	4	
MBIN 204	Genomics and Proteomics	3	
MBIN 205	IPR – Communication skill	4	
MBIN 292	Computer language	6	
MBIN 293	Computational methods in Biology Lab	3	

### For 3<sup>rd</sup> Semester : Total 15 Credit

Code	Courses	Credits	Total
MBIN-301	Project Work (Mid-term presentation)	15	15

### For 4<sup>th</sup> Semester : Total 15 Credit

Code	Courses	Credits	Total
MBIN-401	Project Work (Final presentation)	15	18
MBIN-481	Grand Viva	3	