Subject Name	**Molecular Modelling & Drug Design**	Subject Code	**NBT-031**
Date of Handout	**20th April, 2018**	Max Marks	**01**
Date of Submission	**27th April, 2018**		
Tutorials/ Assignments/ Quizzes		**Issue Date: 1 May 2010**	
Prepared by: MR		Approved by: Director	

Assignment 6

All the questions are to be attempted in detail.

1. Describe homology modelling as a tool to create 3D structure of protein. Also discuss methods such as variable region selection, side chain modelling and frame work construction.

2. Explain QSAR as an advanced tool to find out relationship between protein structure and their function. Emphasize on molecular descriptors and their properties used in this process.

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Course Outcome and Assignment Question Mapping Matrix							
Question Number							
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
3	4						