# "<u>Autoimmune Disease Diagnostics and Prognosis</u> <u>Using Computational Fluid Dynamics Analysis</u>"

A

**Project Report** 

submitted in partial fulfillment of the requirement for the award of the degree of

### MASTER OF TECHNOLOGY

in

#### **BIOINFORMATICS**

by

Neeraj

Roll. No. 08/BIN/2K10



under the guidance of

Dr. Asmita Das Assistant Professor DTU, New Delhi

DEPARTMENT OF BIOTECHNOLOGY DELHI TECHNOLOGICAL UNIVERSITY NEW DELHI-110042 JULY-2012

# Department of Biotechnology Delhi Technological University Delhi



#### Certificate

This is to certify that **Mr. Neeraj**, student of final semester M.Tech. (Bioinformatics), Biotechnology Department, during the session 2010-2012 has successfully completed the project work on " *Autoimmune Disease Diagnostics and Prognosis Using Computational Fluid Dynamics Analysis* " at Department of Biotechnology, Delhi Technology University, Delhi and has submitted a satisfactory report in partial fulfilment for the award of the degree of Master of Technology.

The assistance and help received during the course of investigation have been fully acknowledged. He is a good student and we wish him good luck in future.

**Dr. Asmita Das** Assistant Professor, Biotechnology Department Delhi Technological University Delhi -110042 Prof. S. Maji HOD Biotechnology Department Delhi Technological University Delhi -110042

### **Candidate Declaration**

I hereby declare that the work which is being presented in this thesis entitled *"Autoimmune Disease Diagnostics and Prognosis Using Computational Fluid Dynamics Analysis"* is my own work carried out under the guidance of Dr. Asmita Das, Assistant Professor, Department of Biotechnology, Delhi Technology University, Delhi.

I further declare that the matter embodied in this thesis has not been submitted for the award of any other degree or diploma.

Date:

Place: New Delhi

Neeraj

Roll. No. 08/BIN/2K10

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