

**“Protein-Protein Interaction Network- An Approach for
Prediction of New Risk Factors Involved in Pathology of
Alzheimer and Targeted by HSV-1”**

A

Project Report

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

MASTER OF TECHNOLOGY

in

BIOINFORMATICS

by

Nutan

Roll. No. 10/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 **Ms. Nutan**, student of final semester M.Tech. (Bioinformatics), Biotechnology Department, during the session 2010-2012 has successfully completed the project work on "**Protein-Protein Interaction Network- An Approach for Prediction of New Risk Factors Involved in Pathology of Alzheimer and Targeted by HSV-1**" at Department of Biotechnology, Delhi Technology University, Delhi and has submitted a satisfactory report in partial fulfillment for the award of the degree of Master of Technology.

The assistance and help received during the course of investigation have been fully acknowledged. She is a good student and we wish her 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 "***Protein-Protein Interaction Network- An Approach for Prediction of New Risk Factors Involved in Pathology of Alzheimer and Targeted by HSV-1***" is my own work carried out under the guidance of Dr. Asmita Das, 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:

Nutan

Place: New Delhi

Roll. No. 10/BIN/2K10

ACKNOWLEDGEMENT

“To speak gratitude is courteous and pleasant, to enact gratitude is generous and noble, but to live gratitude is to touch Heaven”

I would like to express my heartfelt gratitude to all those who have contributed directly or indirectly towards obtaining my master degree. I am highly indebted to our esteemed supervisor, Dr. Asmita Das, who has guided me through thick and thin. Many people have contributed to this project in a variety of ways over the past six months. To the individuals who have helped me, I again express my appreciation. I express my special thanks to Yogesh Sharma for helping me in downloading the dataset and I also give my indebt thanks to Meenakshi, Neeraj and Pooja for helping me in this project. I also acknowledge the many helpful comments Received from my Teachers of the bioinformatics department. I am indebted to all those who provided reviews & suggestion for improving the result and the topics covered in my project, and I extended my apologies to anyone I may have failed to mention.

(Nutan)