

MANI BHARATHI. P

M. Tech Bioinformatics, VI Year Integrated Program
Department of Bioinformatics, School of Life Sciences
Bharathidasan University, Tiruchirappalli – 620 024
Tamil Nadu, India
Phone: +91 9944948912
Email: manibharathi982@gmail.com

OBJECTIVES

To obtain a challenging position that will allow me to apply my education and exposure in bioinformatics.

EDUCATION

M. Tech Bioinformatics(Pursuing),Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu, India. Percentage – 73.6%	2013
HSC from Gandhi Hr Sec School, Namakkal, TamilNadu, India. Percentage-81.3%	2008
SSLC from Government Boys Hr Sec School, Elampillai, Salem(D.T), Tamil Nadu, India. Percentage-84.6%	2006

AREAS OF RESEARCH INTEREST

Analysis of Protein sequence and Genome sequences

Genetic Engineering

Immunology

Molecular Modelling

Drug discovery

Protein Structural and Functional Analysis

PROJECT EXPERIENCE

“Homology Modelling and Docking Studies On Lukocidin Lukd in *Staphylococcus aureus*” Under the Guidance of Dr. S. P. Muthukumar,Principal Scientist,Dept. of Biochemistry & Nutrition,CFTRI, Mysore, India.

WORKSHOPS AND SEMINARS ATTENDED

1. National Conference on “Evolutionary Trends in Biochemistry and Molecular Biology- BIOTRENDZ” organized by Bharathidasan University, Tiruchirappalli.
2. International Conference on “Patent Information” at Bharathidasan University, India.
3. CSIR Sponsored National Level Workshop on “Computational Intelligence and Application in Bioinformatics” at Dr. MGR University, India.
4. Workshop on “Support Vector Machines Application in Bioinformatics” at Bharathidasan University, India.
5. Participated in the Workshop on “Recent Trends in Structural Bioinformatics and Computer Aided Drug Design” Organized by Alagappa University with SCHRODINGER, India.

PROGRAMMING LANGUAGES

Windows, Linux, MS office package

C languages (C, C++)

Java

PERL

Python

PERSONAL SKILLS AND STRENGTHS

1. Highly developed strengths in organization, and project management and the ability to work on projects alone and as a team.
2. Discipline and punctuality and Interested in Innovation.
3. Strong communication and interpersonal skills for effective teamwork and the development of good working relationships with colleagues as well as staffs at all levels.
4. Well developed searching skill in most current information and methodologies available from scientific literature and other sources.

LANGUAGES

Tamil-Native language

English-Speak fluently and read/write with high proficiency

LABORATORY SKILLS, SOFTWARES AND TECHNIQUES

Modeling : Modeller 9v8, Spdbv, Auto Dock 4.0.

Chemical drawing software : Chems sketch.

Visualization Tools Viewers : RasMol, PyMol, Chimera, Swiss PDB

Validation servers : Swiss model, EsyPred3D, Phyre2

Bioinformatics tools

Pairwise Alignment Tools : BLAST and FASTA

Multiple Alignment Tools : Clustal-W, Clustal-X

Bioinformatics Databases

Important servers : NCBI, ExPasy, EBI

Nucleotide Databases : GENBANK, EMBL, DDBJ

Protein Sequence Databases : SWISSPROT, PIR, Tr-EMBL

Structural Databases : PDB, SCOP, CATH

Genome Databases : GDB, TIGR

PERSONAL PROFILE

Permanent Address:

7/211,Edanganasalai,

Kosavapatti(P.O),

Salem(D.T)

Sankari(T.k),

PIN-637 501,

TamilNadu, India.

Gender : Male

Date of Birth : 26th June 1991

Languages Known : English, Tamil.

Nationality : Indian

Contact Number : +91-9944948912.

REFERENCES**DR. S. PARTHASARATHY**

Associate professor and head
Department of bioinformatics
Bharathidasan university
Trichy- 620024
Tamil nadu
India.

Dr. P. Chellapandi

Assistant professor
Department of Bioinformatics
Bharathidasan University
Trichy-620024
Tamil Nadu
India