

MAHADEV SAHU

mahadevsahu0@gmail.com

Raipur (Chhattisgarh)

Mobile Number :-

07745981079,08349404255

Dedicated Bioinformatics Analyst Passionate about solving novel bioinformatics problems with a creative mind, love to handle large amounts of data, and be excited about gaining new experience with various data types and software skills.

Areas of Expertise

- Highly developed strengths in organization, and project management and the ability to work on projects alone and as a team
 - Profound knowledge and skills in Microbiology.
 - In-depth understanding of complex equipment or processes. Can resolve problems in and integrate bioinformatics collaboratively with biologists.
 - Performed complex computer analysis activities of relevant data.
 - Administrated complex database information.
 - Well-developed searching skill in most current information and methodologies available from scientific literature and other sources
 - Strong communication and interpersonal skills for effective teamwork and the development of good working relationships with colleagues as well as staffs at all levels
 - Comfortable in group settings and can adapt quickly in stressful environments
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Professional Experience

DNA Labs India (Research Division), Hyderabad

DLI® is a recognized leader in the field of Life Science, Providing a wide range of software solutions; the company is focused on the development of scientific tools to facilitate the drug discovery process. It retains a constant focus on the innovation of algorithms to provide improved throughput and accuracy in the fields of flexible docking, virtual screening and de-novo structure design.

Professional Technique

Simulation, Docking, Protein Modeling, Ligand Optimization, Screening, Helix Designing

Education Details

Qualification	Board / University	Year	Percentage (%)
10 th	C.G.B.S.E Raipur	2005	63%
12 th	C.G.B.S.E Raipur	2007	64.80%
Graduation (MICROBIOLOGY.)	PT.RSU,Raipur Chhattisgarh	2010	63%
Post Graduation (BIOINFORMATICS.)	MATS University,Raipur Chhattisgarh	2012	75%
Diploma(COMPUTER APPLICATION)	M.P.BHOJ University,Bhopal Madhya Pradesh	2004	61%
PGDCA	PT.SSU, Bilaspur Chhattisgarh	2017	78.9%
MPhil (BIOSCIENCE)	PT.RSU, Raipur Chhattisgarh	2014	64.60%
PhD (BIOSCIENCE) Pursuing	PT.RSU, Raipur Chhattisgarh		

Skill Sets

BIOINFORMATICS SKILLS

- **Searching/Querying of Databases** : NCBI, SWISS-PROT, ExPASy, PDB, PIR,KEGG.
- **Molecular modeling** : Modeller9.9, CPHModel, SPDBV, etc.
- **Molecular design solutions** :Accelrys Discovery Studio 2.5, Schrodinger, Tripos, HyperChem8.0, GROMACS 4.5, LigandScout, Argus lab, ChemSketch etc.
- **Molecular docking** : Hex 6.0, Autodock4.0, GOLD, etc.

LABORATORY SKILLS

- **Instruments Handled** : Autoclave, Incubator, Centrifugation, Laminar Air Flow, Microscope, PH meter, Hot Air Oven, Media preparation.

COMPUTATIONAL SKILLS

- **Operating System** : XP, Win7.
- **Language/** : C-language, C++.
- **Package** : MS office
- **Programming** : Statistical Analysis System (SAS).

Projects

Project 1:

“DISCOVERY OF NEW POTENT INHIBITOR BY MOLECULAR DRUG DOCKING STUDY FOR PTPN11 TO PEPTIC ULCER DISEASE”

(Tools & Databases Used: NCBI, SWISSPROT, BLAST, DOCKING, KEGG, PROTPARAMA)

Project 2:

“DESIGNING AND DEVELOPMENT OF VACCINE OF PEPTIC ULCER DISEASE BY REVERSE VACCINOLOGY APPROCH”

(Tools & Databases Used: NCBI, PDB, BLAST, SDSC, MAPPP, EMBOSS, DOCKING, PAprOC)

Project 3:

“A COMPARATIVE STUDY ON AMINO ACID CONTENTS IN SPIDER SILK.”

Research Paper Publication

Title: - Molecular docking and high throughput screening of designed potent inhibitor to PTPN11 involved in peptic ulcer.

Journal name:- South Asian Journal of Experimental Biology.

Awarded

In the year 2017-18, Achieved **Third** rank in the course of PGDCA (PT.SSOU, Bilaspur, Chhattisgarh). And was also awarded in convocation (Year 2019) on the merit basis.

Personal Information

NAME	MAHADEV SAHU
SEX	MALE
AGE	30
DATE OF BIRTH	24/01/1989
LANGUAGE KNOWN	HINDI, ENGLISH
ADDRESS	FOURTH CLASS GOVT. EMPLOYEE SOCIETY, (GITANJALI COLONY) SECTOR 01, H.NO. 60 SHANKAR NAGAR RAIPUR (C.G) PIN NO. 492007

Declaration

All the information I have mentioned is true to the best of my knowledge.

Place: Raipur

Date:

MAHADEV SAHU