

MEGHANT PRASAD CHOWDHARY

Kolkata, West Bengal

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Education

M.E in Biomedical, Jadavpur University, Kolkata, (CGPA : 8.32)	2021 - 2023
Btech in ECE, BPUT University, GITA Bhubaneswar, Odisha (CGPA : 7.01)	2019
12th from Kendriya vidyalaya IIT Kharagpur , Kharagpur, West Bengal (CBSE)	2014
10th from Kendriya vidyalaya IIT Kharagpur , Kharagpur, West Bengal (CBSE)	2012

Skills

- Equipment maintenance
- Stakeholder relationship
- SQL Basics
- Microsoft Excel
- Database Management
- Power BI basics
- Six Sigma
- Analytical Skills
- Research analysis
- Team Collaboration

Projects

M E - final year thesis on virtual screening of phytochemicals for skin lightening formulations.

Jadavpur University, Kolkata

- Guided by Dr. Piyali Basak at Jadavpur University, our research utilizes virtual screening to identify potential skin lightening molecules.
- Worked on computational database management (RCSB, PUB CHEM, IMPPAT, SWISS-ADME)
- Natural Compounds for Brighter Complexion: Conducted extraction, tests, and assays to evaluate efficacy and safety using MOLECULAR AUTODOCKING. Analyzed data, authored reports, and presented findings at conferences and developed strong research skills.
- Completed this project using 3 proteins (tyrosinase, collagenase, elastase) combined with ligands.
- Obtained the most stable and the best ligand for melanin production for brighter skin.
- Computational tools for drug discovery [Discovery Studio, Chimera, Autodock vienna, Open babel]

B.Tech Final Year Project - Quadcopter Using Arduino

BPUT University, Odisha

- Explored the working principle of a quadcopter.
- Developed a UAV prototype using Arduino.
- Learned how to control the drone smoothly and studied how it could be used in jobs like making maps and helping farmers.

Experience

Event Organiser | *Kolkata*

- Secured a significant sponsorship deal with a leading local brands.
- Coordinated diverse team of vendors and suppliers to meet deliverables on time and within budget.
- Collected and analysed event feedback to measure success of events and identify areas for improvement.
- Stayed up-to-date on the latest event trends and technologies to keep events innovative and engaging.
- Communicated with clients to understand their needs and expectations, and translated those requirements into successful events.
- Received positive feedback from clients, attendees and colleagues for professionalism, dedication and attention to detail

Achievements

- Qualified GATE exam in 2019.
- Won Biotech olympiad with school rank1
- Participated in IIT kharagpur spring festival in film making festival.
- Appreciation for best presentation on my research topic in my Masters.
- Played all India inter KV football tournament (national level)-2 times, Inter college and inter departmental