

**Job Title: Research Assistant**

Location: Bengaluru, Karnataka, India

Company: Quantumzyme

About Us: Quantumzyme is a leading company in the field of biocatalysis, leveraging cutting-edge technology to provide sustainable and efficient solutions for the chemical, pharmaceutical, and other manufacturing industries. Our mission is to revolutionize the way chemicals are produced, making processes greener and more cost-effective.

Job Description:

Position Overview: We are looking for a dedicated and skilled **Research Assistant** with an MTech in Bioinformatics or Computational Chemistry to join our team in Bengaluru. The ideal candidate will have 0.5 to 4 years of experience and will play a crucial role in supporting both industrial and academic projects.

Key Responsibilities:

- Work as part of a team to achieve project goals and ensure successful project execution.
- Develop creative project plans and proactively troubleshoot experimental issues.
- Apply knowledge in Modelling, Docking, and Molecular Dynamics Simulation.
- Understand protein structure, function, dynamics, and engineering.
- Proficient in Fortran, C, C++, Perl, and Python.
- Write and publish scientific articles in high-impact journals.
- Explain and improve algorithms for better research outcomes.
- Foster a strong team spirit and commitment to team success.
- Work independently with minimal supervision.
- Exhibit excellent interpersonal and communication skills.

Qualifications:

- MTech in Bioinformatics or Computational Chemistry.
- 0.5 - 4 years of relevant experience.

Additional Skills

- Experience with Gromacs, AutoDock, and Modeller.

What We Offer:

- Competitive salary and performance-based incentives.
- Opportunity to work with a dynamic and innovative team.
- Professional development and growth opportunities.
- International travel and exposure to global markets and clients.



- A collaborative and inclusive work environment.

How to Apply: Interested candidates are invited to send their resume to rakshitha.shettar@quantumzyme.com