

# Job Notification Form, IIT Delhi

## Company Overview

<b>Name:</b>	Plutus Research Pvt Ltd
<b>Website:</b>	<a href="https://plutusresearch.com/">https://plutusresearch.com/</a>
<b>Company Type:</b>	Other (Algorithmic trading firm)
<b>Description:</b>	Plutus Research is an algorithmic trading firm with sophisticated trading algorithms built on advanced mathematical techniques at its heart. We specialize in developing these automated trading strategies based on continuous research being done drawing from the concepts of machine learning, financial engineering, and derivatives pricing theory. With our team of software professionals and quant traders continuously striving to push themselves, we are one of the fastest-growing high-frequency trading firms in India and have a significant market share in the Indian cash and derivatives markets.

## Job Details

<b>Designation:</b>	Quantitative Analyst
<b>Type:</b>	Finance
<b>Place of Posting:</b>	Karnataka/ Bangalore
<b>Job Details:</b>	<p>Quantitative Analyst</p> <ul style="list-style-type: none"><li>- The role will involve significant amounts of research accompanied by rigorous testing of models, while also keeping an eye on the firm's current strategies and their performance.</li><li>- Candidates are expected to have a research-like mindset and collaborative attitude to be able to try multiple ideas without getting dejected if they fail.</li></ul> <p>Responsibilities :</p> <ul style="list-style-type: none"><li>- Research and development of trading strategies via analysis of market data</li><li>- Research of potential alpha signals</li><li>- Research and development of various Machine Learning models to generate alpha</li><li>- Research on new technologies for improved data management and efficient retrieval</li></ul> <p>Qualifications :</p> <ul style="list-style-type: none"><li>- Excellent knowledge of C++ and python</li><li>- Strong in mathematics and should be interested in applied mathematical fields like Machine Learning, Statistical Methods, Filtering, and Signal Processing</li><li>- Excellent analytical skills and very good attention to detail</li></ul>

- Good understanding of Object Oriented Programming concepts and C++
- Basic knowledge of financial derivatives is a plus
- Knowledge of shell scripting is a plus

**Joining By:** 1 June 2022

## Salary Details

**CTC:** 3,650,000 INR Per Annum

**Gross:** 2,200,000 INR Per Annum

**CTC Breakup:** Gross Salary - INR 22 LPA  
 Joining Bonus - INR 2 lakhs  
 Performance Bonus - INR 8 lakhs  
 Non Cash Benefits - INR 4 lakhs  
 Relocation Benefits - INR 50,000

## Selection Process

**Resume Shortlist:** Yes

**Written Test:** No

**Online Test:** Yes

**Group Discussion:** No

**Medical Test:** No

**Personal Interview:** Yes

**No. of Rounds:** 4 Technical Interviews

**No. of Offers:** 3

**Minimum CGPA:** 7

## Eligibility

**Recruiting PHDs:** No

**Eligible  
Departments:**

B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Geotechnical and Geoenvironmental Engineering, B.Tech in Civil Engineering and M.Tech in Water Resources Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering