

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Agnikul Cosmos Private Limited

**Website:** <https://agnikul.in/#/>

**Company Type:** Other (Aerospace and Defence )

**Description:** Agnikul Cosmos is an startup incubated in IIT Madras.

## Job Details

**Designation:** ASTRODYNAMICS RESEARCHER

**Type:** Other (Aerospace )

**Place of Posting:** Chennai

**Job Details:** Leads/Co-leads the mathematical and physical design problem of trajectory design for a continuously accelerating rocket  
Explore approaches for designing satellite trajectories  
Guide development of new software or algorithms to support trajectory design  
Selection of guidance parameters and navigation constants based on celestial body dynamics .  
Analysis to verify compliance with contractual mission requirements including direct customer interface.  
Documentation of analysis and test results with a focus on automation and efficiency of reporting.  
Testing math and physics assumptions behind simple flight software

**Joining By:** 1 November 2021

## Salary Details

**CTC:** 1,500,000 INR Per Annum

**Gross:** 1,200,000 INR Per Annum

**CTC Breakup:** Fixed 1200000 and Variable 300000

## Selection Process

**Resume Shortlist:** Yes

<b>Written Test:</b>	Yes
<b>Online Test:</b>	No
<b>Group Discussion:</b>	No
<b>Medical Test:</b>	No
<b>Personal Interview:</b>	Yes
<b>No. of Rounds:</b>	3
<b>No. of Offers:</b>	3
<b>Minimum CGPA:</b>	8

## Eligibility

<b>Recruiting PHDs:</b>	Yes
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<b>Eligible Departments:</b>	<p>B.Tech in Biochemical Engineering &amp; Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science &amp; 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 &amp; Computing, B.Tech in Mechanical Engineering, B.Tech in Production &amp; Industrial Engineering, B.Tech in Textile Engineering, M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science &amp; Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering &amp; Management, M.Tech in Control &amp; Automation, M.Tech in Energy &amp; Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis &amp; Design, M.Tech in Environmental Engineering &amp; Management, M.Tech in Fibre Science &amp; Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology &amp; Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics &amp; Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis &amp; Analysis, M.Tech in Optoelectronics &amp; Optical Communication, M.Tech in Polymer Science &amp; Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines &amp; Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design &amp; Technology, M.Tech in Rock Engineering &amp; Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology &amp; Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools &amp; Technology, M.Tech in Water Resources Engineering, M.Sc in Chemistry, M.Sc in Cognitive Science, M.Sc in Economics, M.Sc in Mathematics, M.Sc in Physics, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science &amp; Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in</p>
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