

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: Aerodynamics Engineer

Type: Core (Technical)

Place of Posting: Chennai

Job Details:

Perform aerodynamic configuration trade studies on mission performance that includes effects of weight, fuel, stability and control, propulsion, and payloads.
Use CFD to analyze air flow for vehicle exterior and interior systems
Develop aerodynamic data bases for use in 6 degree of freedom simulation models.
Assist in building functional prototype parts for use in physical testing
Participate in physical aerodynamic testing (dragmeter, windtunnel)
Maintain documentation to organize procedures and data
Identify opportunities on the vehicle for increased aerodynamic efficiency and present ideas for further development
Working with vendors to increase aerodynamic performance
Become immersed with various engineering groups to convey aerodynamic results and protect aero performance through product design

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

Eligibility

Recruiting PHDs:	Yes
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Eligible Departments:	<p>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, 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 & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & 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 & 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 & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors,</p>
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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 Information Technology