

Job Notification Form, IIT Delhi

Company Overview

Name:	Applied Materials India Pvt Ltd
Website:	https://www.appliedmaterials.com/
Company Type:	Core (Technical)
Description:	Applied Materials, Inc. is an American corporation that supplies equipment, services and software for the manufacture of semiconductor (integrated circuit) chips for electronics, flat panel displays for computers, smartphones, televisions, and solar products. Integral to the growth of Silicon Valley, the company also supplies equipment to produce coatings for flexible electronics, packaging and other applications

Job Details

Designation:	Application Engineer
Type:	Core (Technical)
Place of Posting:	Karnataka/Bangalore
Job Details:	About Applied

Applied Materials, Inc. is the global leader in materials engineering solutions used to produce virtually every new chip and advanced display in the world. Our expertise in modifying materials at atomic levels and on an industrial scale enables customers to transform possibilities into reality. At Applied Materials, our innovations make possible the technology shaping the future.

Application Engineer:

This position is within the semiconductor process diagnostics and control group, which deals with advanced imaging together with cutting edge image processing algorithms in order to detect and dispose nanometer size defects.

Application engineers are supposed to maximize the performance of our new defect metrology products through a deep and thorough understanding of use-cases in close technical collaboration with leading-edge chip manufacturing customers.

At a higher expertise level, they also contribute to product development roadmap through spec definition and performance validation.

Desired qualification:

- Sound fundamentals of high-NA DUV imaging/SEM and light-matter/electron-matter interaction
- Open to 70% travel to leading semiconductor chip manufacturing fabs overseas
- Lab/fab hands-on experience in semiconductor fabrication with layer-wise detailed knowledge of material, process tech and defectivity
- Detail oriented with strong analytical, problem solving and communication skills
- Ability to work in a team, and ability to work independently

Joining By: 1 July 2022

Salary Details

CTC:	1,390,659 INR Per Annum
Gross:	1,166,215 INR Per Annum
CTC Breakup:	1166215 - Gross 76970 - PF 30852 - Gratuity 116622 - DBI
Perks / Bonus:	Relocation

Selection Process

Resume Shortlist:	No
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	3
No. of Offers:	5
Minimum CGPA:	7

Eligibility

Recruiting PHDs:	No
Eligible Departments:	M.Tech in Applied Optics, M.Tech in Materials Engineering, M.Tech in Polymer Science & Technology, M.Tech in Radio Frequency Design & Technology, M.Tech in Solid State Materials, M.S.(R) in Materials Science and Engineering