

Proforma

Companies open to your department

Company : Applied Materials  
Company Name : Applied Materials  
Nature Of Business : Core Engineering  
Designation : Application Engineer  
Tentative Job Location : Bangalore

Applications 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.

Description :

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

Eligibilty :

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	N	N	N	N	N	-	-	N	-	N
BSBE	N	-	N	N	N	N	N	-	-	N	-	N
CE	N	-	N	N	N	N	N	-	-	N	-	N
CHE	N	-	N	N	N	N	N	-	-	N	-	N
CSE	N	-	N	N	N	N	N	-	-	N	-	N
EE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
ES	-	N	N	-	N	-	N	-	-	N	-	-
ME	N	-	N	N	N	N	N	-	-	N	-	N
MSE	N	-	Y	N	Y	Y	Y	-	-	N	-	Y
PHY	-	N	-	N	Y	Y	Y	-	-	N	N	-
CHM	-	N	-	N	N	N	N	-	-	N	N	-
MTH	-	N	-	N	N	N	N	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	Y	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	Y	-	-	N	-	-	-	N	-	Y
Stats	-	-	-	-	-	-	-	-	-	N	N	-

Cost to Company :

BASIC	HRA	OTHERS	TAKE HOME	Cost to Company
583,108	233,243	243845	1,060,196	1,264,236

Stocks (with vesting plan) - 3000 USD (4 yrs) Not included in CTC

Package Details :

Relocation Allowance - Yes

Bond : False

Medical Requirements :  
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Resume Shortlist : True

Resume Shortlist Criteria: Yes

Aptitude Test: False

Group Discussion: False

Technical Test:	True
Technical Test Duration:	60 Mins
Technical Interview:	True
Technical Interview Duration:	2 hrs
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	30 Mins

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