

Company :

Company Name :

Nature Of Business :

Designation :

Tentative Job Location :

Applied Materials

Applied Materials

Core Engineering

Application Engineer

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

	Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
Eligibility :	BT	No	No	No	No	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
	BS	--	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
	MT	No	No	No	No	No	Yes	No	No	Yes	--	--	--	--	--	No	--	--	No	Yes	No	Yes	--
	DoubleMajor	No	No	No	No	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dual	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	--	--	--	--	--	--	--	--	--
	dualB	No	No	No	No	No	Yes	--	No	Yes	Yes	No	No	No	--	No	--	--	No	--	No	No	--
	dualC	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	--	--	--	--	--	--	--
	Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
	Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	MSc	--	--	--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	--	No
	MSR	No	No	No	No	No	Yes	--	No	Yes	--	--	--	--	--	--	No	--	--	--	--	Yes	--

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

Package Details :

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

Bond :

CPI CutOff :

False

0.0

Medical Requirments :

Resume Shortlist :

Resume Shortlist Criteria:

Aptitude Test:

True

Yes

False

Group Discussion:

Technical Test:

Technical Test

False

60 Mins

Duration:

Technical Interview:

Technical Interview Duration:

Number of Techincal Interview Rounds:

True

2 hrs

2

HR Interview:

HR Interview

True

30 Mins

Duration:

**Additional
Information:**