

Proforma

Companies open to your department

Company : GLOBALFOUNDRIES
Company Name : GLOBALFOUNDRIES
Nature Of Business : Service Semiconductor Foundry
Designation : Senior/ Principal Engineer Design Enablement/ EM Validation:
Tentative Job Location : Bangalore
Primary role:
(1) Coordinate and interact with vendors, passive modelers and TechDev on Electro-Magnetic (EM) techfiles calibration and qualification based on passive devices including:
(i) Inductor, (ii) transformer, (iii) balun, (iv) transmission line, (v) APMOM/VNCAP (vi) MIM.
(2) Formulate best practices to achieve optimum match between EM simulations, PDK model and silicon data across key EM solvers
(3) Work with PDK team on rollout of EM techfiles for targeted solvers including
Description : (a) Integrand EMX, (b) Lorentz Peakview, (c) Keysight Momentum etc.
(4) Support customer’s EM related enquiries. Secondary role:
(i) Passive models extraction, (ii) support TechDev on process development.

Required Qualifications:

- M.Tech/ PhD in Electrical / Electronic Engineering or VLSI
- Knowledge in Electromagnetics / Semiconductors
- Experience in Shell / Perl /Cadence SKILL / Python programming

Department		BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
Eligibilty :	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	Y	Y	Y	Y	-	-	Y	-	Y
	ES	-	N	N	-	N	-	N	-	-	N	-	-
	ME	N	-	N	N	N	N	N	-	-	N	-	N
	MSE	N	-	Y	Y	Y	Y	Y	-	-	Y	-	Y
	PHY	-	N	-	Y	Y	Y	Y	-	-	Y	Y	-
	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	-	-	N	-	-	-	-	-	-	N	-	-
	NET	-	-	N	-	-	N	-	-	-	N	-	-
	PSE	-	-	Y	-	-	Y	-	-	-	Y	-	Y
	Stats	-	-	-	-	-	-	-	-	-	N	N	-

For **PhDs** - CTC: 2167480 INR

Cost to Company :

For **Master's** - CTC: 1288772 INR

Following is the break up for **PhDs** :

Base Pay- 1850000, AIP- 185000, Gratuity- 37908, PF- 94572

Package Details :

Following is the break up for **Master's** :

Base Pay- 1100000, AIP- 110000, Gratuity- 22540, PF- 56232

Bond :	False
Medical Requirements :	Medical Insurance is provided by the company
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	False
Technical Interview:	True
Technical Interview Duration:	N/A
Number of Techincal Interview Rounds:	3
HR Interview:	True
HR Interview Duration:	N/A
