Company :	**GLOBALFOUNDRIES**
Company Name :	**GLOBALFOUNDRIES**
Nature Of Business :	**Service Semiconductor Foundry**
Designation :	**Senior/ Principal Engineer Design Enablement/ EM Validation:**
Tentative Job Location :	Bangalore

Description :

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

(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**

Eligibilty :

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

Cost to Company :

For PhDs- CTC: 2167480 INR

For Master's- CTC: 1288772 INR

Package Details :

Following is the break up for PhDs:

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

Following is the break up for Master's:

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

Bond :	**False**
CPI CutOff :	**0.0**
Medical Requirments :	**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	**N/A**

Duration:	
Number of Techincal Interview Rounds:	3
HR Interview:	True
HR Interview Duration:	N/A
Additional Information:	