

Company :
Company Name :
Nature Of Business :
Designation :

Airbus Group India Private Limited
Airbus Group India Private Limited
Core Engineering
Associate Engineer Stress

Tentative Job Location :

Bangalore

Job description: Associate Engineer Stress

Team: Airframe – Stress & Design

The ‘Airframe Stress and Design’ group under Airframe department and plays a key role key role in demonstrating emerging technology readiness levels and providing solutions through assessment of structural behaviour of aircraft structures/assemblies

The activities include:

- Hand Calculations and Understanding of Aircraft structure
 - Learn to model and analyze component FEM in support of stress.
 - Understanding of metallic and composite design criteria, Failure theories
 - Numerical simulations (Linear and Non Linear, Static and Dynamic scenarios) of aircraft structure
 - Propose new aircraft architectures that meet requirements
 - Sizing and internal load evaluation using legacy methods, hand calculations and FEM.
 - Design and material trade-off analysis for new and incremental Airbus programmes.
 - Explore digitalization techniques such as data analytics for design to cost, supporting manufacturing and assembly, structure and system installation etc.

Technical skills required:

- Engineering Mechanics of composite/metallic Materials.
 - Exposure to Scripting (PYTHON), FE Solvers is preferable.
 - Finite element method / finite element analysis
 - Stress analysis of metallic and composite structures
 - Very good analytical and reasoning skills
 - Strong aptitude for problem solving
 - Broad technology exposure

Tools: Abaqus, Hypermesh, Patran/Nastran,

Programming language: Basics of programming, Python, Fortran, etc

Soft Skills:

- Ability to work independently & in a transnational team
 - Excellent communication skills
 - Willingness to learn new skills, self-development
 - Problem-solving orientation

Departments Allowed: Aerospace/Mechanical/ Civil / Manufacturing.

Job Location: Bangalore

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

Cost to Company :

CTC: 10 LPA

Joining Bonus: 1 Lakh with one year locking period

Airbus India offers many other benefits to employees over and above salary; We are listing some of them here:

- Package Details :**

- Group Mediclaim Insurance: INR 1,000,000**
 - Personal Accident Insurance: INR 600,000**
 - Technical certification Reimbursement: INR 25,000 Per Annum**
 - Food Coupons: INR 1500 per month over and above CTC. – Sodexo Card**
 - Ad-hoc payment of INR 1200 per month towards travel to office**
 - Life insurance coverage (Twice CTC / min 25 Lakhs – max 100 Lakhs), Critical illness cover for additional 10 Lakhs**

Bond :

False

CPI CutOff :	0.0
Medical Requirments :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	False
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	01:00 Hr
Technical Interview:	True
Technical Interview Duration:	45 Mins
Number of Techincal Interview Rounds:	1
HR Interview:	True
HR Interview Duration:	30 Mins
Additional Information:	