

Proforma

Companies open to your department

Company : Airbus Group India Private Limited
Company Name : Airbus Group India Private Limited
Nature Of Business : Core Engineering
Designation : 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

Description :

Eligibilty :

Department	BT	BS	MT	Double	Major	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
BSBE	N	-	N	N		N	N	N	-	-	N	-	N
CE	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
CHE	N	-	N	N		N	N	N	-	-	N	-	N
CSE	N	-	N	N		N	N	N	-	-	N	-	N
EE	N	-	N	N		N	N	N	-	-	N	-	N
ES	-	N	N	-		N	-	N	-	-	N	-	-
ME	N	-	Y	N		Y	Y	Y	-	-	N	-	Y
MSE	N	-	N	N		N	N	N	-	-	N	-	N
PHY	-	N	-	N		N	N	N	-	-	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	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	N	-

CTC: 10 LPA

Cost to Company :

Joining Bonus: 1 Lakh with one year locking period

Airbus IndiaÂ offersÂ many other benefits to employees over and above salary; WeÂ areÂ listing some of them here:

1. Group Mediclaim Insurance: INR **1,000,000**

2. Personal Accident Insurance: INR **600,000**

Package Details :

3. TechnicalÂ certification Reimbursement: INR **25,000** Per Annum

4 . Food Coupons: INR **1500** per month over and above CTC. â€“ Sodexo Card

5. Ad-hoc payment of INR **1200** per month towards travel to office

6. LifeÂ insurance coverage (Twice CTC / min 25 Lakhs â€“Â max 100 Lakhs), Critical illness cover for additional 10 Lakhs

Bond : False

Medical Requirements :

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