

Proforma

Companies open to your department

Company : Airbus Group India Private Limited
Company Name : Airbus Group India Private Limited
Nature Of Business :
Designation : Associate Engineer - Aerothermal
Tentative Job Location : Bangalore

Job description –Associate Engineer Aerothermal

Team: Airframe – Stress and Thermal Solutions

The Stress & Thermal Solutions team is a part of the –Airframe Stress and Design– group under Airframe department and plays a key role providing solutions through assessment of structural integrity of aircraft structures/assemblies.

The team extends competencies in area of Thermal and Internal Flows analysis using FE/FV and CFD based methods.

Internal flows activities mainly deals with Ventilation of various A/C bays, flows inside ducts, cooling technologies, transport of various species etc and Thermal Analysis to assess thermal impact on structures.

Role: To support aircraft Aerothermal/Internal Flows/Structural studies

Technical skills required:

- Understanding of Aircraft structure and systems
- Strong fundamentals on Thermodynamic and understanding of its applications
- Strong Fundamental on Fluid Mechanics and its applications.
- Understanding of Heat Transfer process, Thermodynamics and material properties.
- Understanding of temperature mapping, effect and theories.
- Basics of Mathematical Modelling, FEM, FVM and Simulation techniques
- Structural Thermal Analysis to assess thermal impact on aircraft structures.
- Engineering Mechanics of composite/metallic materials.
- Basic understanding of various simulation techniques e.g. 1D, 3D, System level etc

Tools: Ansa, Hypermesh, Ansys Fluent, StarCCM+, OpenFoam, NX Thermal, Flowmaster, AMESim etc

Programming language: Basics knowledge of programming using any language e.g. C, Python, Fortran etc

Soft Skills:

- Teamwork
- Excellent communication skills
- Willingness to learn new skills, self-development
- Problem-solving orientation

Departments Allowed: Aerospace/Mechanical/ Civil / Manufacturing.

Job Location: Bangalore

Department	BT	BS	MT	Double	Major	dual	dual	B	dual	C	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	-	-		

Eligibilty :

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 locking period of one year

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

- 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

Package Details :

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 Techinical Interview Rounds: 1

HR Interview: True

HR Interview Duration: 30 Mins
