

Company :

Company Name :

Nature Of Business :

Designation :

Tentative Job Location :

Airbus Group India Private Limited

Airbus Group India Private Limited

Associate Engineer - Aerothermal

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:

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Understanding of Aircraft structure and systems

Strong fundamentals on Thermodynamic and understanding of it’s applications

Strong Fundamental on Fluid Mechanics and it’s 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:

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Teamwork

Excellent communication skills

Willingness to learn new skills, self-development

Problem-solving orientation

Departments Allowed: Aerospace/Mechanical/ Civil / Manufacturing.

Job Location: Bangalore

Eligibilty :

Program	AE	BSBE	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	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
dual	Yes	No		Yes	No	No	No	No	Yes	No	No	No	No	--	--	--	--	--	--	--	--	--
dualB	Yes	No		Yes	No	No	No	--	Yes	No	No	No	No	--	No	--	--	No	--	No	No	--
dualC	Yes	No		Yes	No	No	No	No	Yes	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
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 locking period of one year

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

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

2. Personal Accident Insurance: INR 600,000

3. Technical certification Reimbursement: INR 25,000 Per Annum

4. Food Coupons: INR 1500 per month over and above CTC. – Sodexo Card

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

6. Life insurance coverage (Twice CTC / min 25 Lakhs – max 100 Lakhs), Critical illness cover for additional 10 Lakhs

Package Details :

Bond :

CPI CutOff :

False

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Medical
Requirments
:
Resume
Shortlist :
Resume
Shortlist
Criteria:
Aptitude
Test:
Group
Discussion:
Technical
Test:
Technical
Test
Duration:
Technical
Interview:
Technical
Interview
Duration:
Number of
Techincal
Interview
Rounds:
HR
Interview:
HR
Interview
Duration:
Additional
Information:

True

N/A

False

False

True

01:00 Hr

True

45 Mins

1

True

30 Mins