

Company :  
Company Name :  
Nature Of Business :  
Designation :  
Tentative Job Location :

Airbus Group India Private Limited  
Airbus Group India Private Limited  
  
Associate Engineer - MSPA  
  
Bangalore

Physical System Architecture – Associate Engineer

Job Code: Physical System Architecture – Associated Engineer (PSA)

Job Description:

As a Physical System Architecture – Associated Engineer, you will be responsible for a host of activities in the area of Aircraft safety analysis and associated System engineering tasks. Your contribution will span through the entire aircraft life cycle starting from early development stages to delivery of aircrafts.

You will get an opportunity to work on different aircraft programs involving different Aircraft systems

The job-holder is responsible for delivering *Global Architecture Mockup* and associated System engineering tasks for different aircraft programs on Time, Cost and Quality.

The various activities to be performed are:

- Description :
  - Creation and update of Physical System architecture based upon a given Target configuration and associated input:
  - Screening and Implementation of Change Request
  - Convergence check of Geometry between Global Architecture Mockup and Detailed design (Digital Mockup) and necessary implementation
  - Convergence check of electrical routes/function between Global Architecture Mockup and CIRCE (Treatment estimation tool)
  - Check and implementation of Electrical Schematics (Functional diagram) in Global Architecture Mockup
  - Verification and Validation:
  - Analysis of System installation/safety requirement (SIRD) using Global Architecture Mock up
  - Creating Proof of compliance to capture documentary evidence of the analysis
  - Trade off studies:
  - Feasibility studies for new change proposal
  - Providing System Architecture/Installation input for various improvement studies
  - Creation of post mod architecture
  - Check of compliance status of Post Mod against Particular Risks other SIRD requirement
  - Weight/cost/ performance assessment
  - Request for Support Activities:
  - From System design/System Installation
  - For improvement of Process, Methods and Tools
  - Participation to Plateaus
  - Interfacing with relevant counterparts in Europe to ensure maximum effectiveness of Physical Systems Architecture design
  - Project Management

Education & Experience

B.Tech. / B.E. / M.Tech. / M.E., in aerospace/mechanical/electrical.

Required Technical Expertise

Overall Knowledge on aircraft and its Systems

Basic understanding of Safety analysis in Aircraft – FHA, SSA, CCA

Soft Skills

- Ability to work independently & in a team in a transnational environment
- Assertive communication and interpersonal skills
- Willingness to learn new skills, self-development
- Ability to work in multiple projects and take innovation initiatives
- Strong problem solving and logical thinking abilit
- Note: To ensure learning ramp up, different ways will be adopted including training sessions, learning by doing etc. on different aspects of operations

|               | 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  | No  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --    |
|               | BS          | --  | --   | -- | --  | --  | --  | No | --  | --  | No  | No  | No  | No  | --  | --  | --  | --  | --  | --  | --  | --  | --    |
|               | MT          | Yes | No   | No | No  | No  | Yes | No | Yes | No  | --  | --  | --  | --  | --  | No  | --  | --  | No  | No  | No  | No  | --    |
|               | DoubleMajor | No  | No   | No | No  | No  | No  | -- | No  | No  | No  | No  | No  | No  | --  | --  | --  | --  | --  | --  | --  | --  | --    |
|               | dual        | Yes | No   | No | No  | No  | Yes | No | Yes | No  | No  | No  | No  | No  | --  | --  | --  | --  | --  | --  | --  | --  | --    |
| Eligibility : | dualB       | Yes | No   | No | No  | No  | Yes | -- | Yes | No  | No  | No  | No  | No  | --  | No  | --  | --  | No  | --  | No  | No  | --    |
|               | dualC       | Yes | No   | No | No  | No  | Yes | 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   | No | No  | No  | Yes | -- | Yes | No  | --  | --  | --  | --  | --  | --  | No  | --  | --  | --  | --  | No  | --    |

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:**

- 1. Group Medclaim 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 :**

**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:**

**False**

**0.0**

**True**

**N/A**

**False**

**False**

**True**

**01:00 Hr**

**True**

**45 Mins**

**1**

**True**

**30 Mins**