

## Associate Engineer - Industrial Simulation

**Specialization:** Industrial / Production / Operation Research / Mechanical Engineering

Our Mission is to provide Reliable & integrated Production Efficiency Solutions to Airbus to enable Industrial Excellence and contribute to the Company profitability & competitiveness.

Simulation plays a major role in the plant design by ensuring system maturity at early stages of development, whether for green field or for continuous improvement of brown field plants.

In the context of the creation of Digital Performance Centre of Airbus, you will contribute directly to the Airbus Industrial strategy by developing and deploying production flow models and operation simulations. With a knowledge and experience on modelling and simulation tools, you will deliver Airbus flows models and manufacturing flows simulations.

### Main activities:

- Creating, delivering and standardizing flow models of existing and future manufacturing Lines / Plants and FALs
- Collaborating with Industrial System Engineers on flow simulations to balance production rate across processes, understand material flow, determine buffer requirements and maximize factory throughput

### Technical skills required:

- Knowledge of industrialization principles
- Knowledge in production management
- Knowledge and understanding of manufacturing processes
- Knowledge in Lean Manufacturing Principles (VSM, etc.) and variance analysis (6 sigma)
- Knowledge in flow simulation modeling (e.g. Plant Simulation, Anylogic)
- Scientific programming skills (generic knowledge or exposure to SimTalk, Java, Python equivalent is a plus)
- Data analytics skills will be valued

### Other skills:

- Strong communication skills and ability to work collaboratively in a team
- Ability to learn new systems, methods, skills
- Diligence and attention to detail

**Job Location:** Bangalore

#### Registered Office

Airbus Division in India  
Airbus Group India Private Limited  
(Formerly known as Airbus India Operations Private Limited)  
Corporate Identity Number: U74999KA2007PTC041706  
4th Floor, Xylem, Plot No. 4 & 4A Dyvasandra Industrial Area,  
Mahadevapura Post Whitefield Road, Bangalore 560048, India  
Phone +91 (0) 80 66 380 380, Fax + 91 (0) 80 66 380 118  
Email – [info.india@airbus.com](mailto:info.india@airbus.com)

#### Head Office

5th Floor, West Wing,  
Worldmark 1, Aerocity,  
New Delhi 110037  
Phone +91 (0) 11 45 801 100  
Fax +91 (0) 11 45 801 121