

ASSOCIATE MECHANICAL DESIGN & ANALYSIS ENGINEER

AXISCADES is a leading, end to end engineering and technology solutions Company. We bring expertise that caters to the digital, engineering and smart manufacturing needs of large enterprises. With over 3 decades of experience in enabling innovative, sustainable and safer products worldwide, AXISCADES delivers business value across the entire engineering lifecycle.

AXISCADES is looking to hire passionate Associate Mechanical Design & Analysis Engineer's to fill around 65 vacancies in its Aerospace team working with a renowned global Aerospace OEM.

About the Role:

A successful candidate will understand the importance of collaboration and shall work with the Engineering Manager, Project lead & Aerospace Mechanical Design and Systems expert to develop or optimize the designs, engineering process, analyze the supplier quality issues, support the development of cutting-edge technologies and digital initiatives.

Location: Chennai & Bengaluru, India

Key Responsibilities:

- Responsible for supporting mechanical design and analysis of wide range of mechanical structures, systems and other Aircraft/Aerospace components.
- Responsible for coordinating and communicating regularly with team members in organizations and shall provide periodic update on project progress, quality metrics, project summaries, and other related documents.
- In this role, the Engineer will work independently or with minimum supervision to come up with conceptual and detailed designs based on the requirements. And Pro-actively seek information and direction to successfully complete the statement of work.
- Participate and support initiatives of organization related to engineering excellence, employee development, customer engagement etc.

Basic Qualifications (Required Skills/Experience):

- Bachelor or Master Degree in Mechanical, Aerospace, Aeronautical or equivalent disciplines.
- Experience in structural design, mechanical design, mechanical systems, Hydraulic and pneumatic systems, material properties, awareness of Industry standards Aircraft requirements, Design and certification.
- Experience in aerospace material selection, drawing (Drawing based or MBD creation), process (finishing and heat treatment) specifications, perform analyses like tolerance stack up, engineering or product quality investigation analyses.
- Experience of independently developing designs using CAD Tools (CATIA, Unigraphics/NX) for Modeling, Drafting & Model Based Definition is essential. UG NX would be preferred.
- Able to perform independently or with limited guidance from SME.
- Perform with positive attitude and highest ethics.

Preferred Qualifications (Desired Skills/Experience):

- Experience of design and development as part of New Product development process, redesigns and Inservice design investigations.
- Knowledge of basics of stress analysis and Aerospace requirements at system and LRU level.
- Basic understanding of aircraft certification processes and lifecycle.
- Experience in assigning GD&T and ability to understand the develop rationale for supplier designs and change proposals.
- Able to generate cost-out ideas, value engineering proposals.
- Experience in Model Based Engineering using tools like 3DX etc...
- Experience on use of PDM/PLM tools such as ENOVIA or Team Center.
- Knowledge of Data analytics and awareness of programming languages like Python etc...
- Able to verify accuracy of technical and non-technical data. Gathers relevant data for root cause analysis and produces changes to resolve the discrepancies in design packages.
- Must be able to work collaboratively with cross-functional team. Must be willing to work flexible hours (early or late as needed) to interface personnel around the world.

Typical Education & Experience:

Education/experience typically acquired through advanced education (e.g. Bachelor) and typically 5 to 10 years' related work experience or an equivalent combination of education and experience (e.g. Master+ 4 years' related work experience etc.)

AXISCADES is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation and gender identity.

Apply at: <https://www.axiscades.com/careers-enquiry.html#aero-car-eng>

Email: shivani.gupta@axiscades.in