

Job Description: Project Engineer

Summary: An excellent career opportunity is currently available for a Process Engineer within the R&D centre of Pyrotech Workspace Solutions Pvt. Ltd located in IIT Guwahati Research Park, Assam India. We are looking for an experienced Project Engineer to be responsible for the design and development of the prototype for the air and surface disinfection system in collaboration process engineers. The successful candidate will be able to improve the efficiency of the manufacturing line, reduce cost, improve sustainability and maximize profitability.

Responsibilities

- Propose a new innovative project to develop the novel product in the area of control room solution and hygiene of the workplace.
- Mechanical Design and development of a quick prototype of a disinfectant system for house and commercial application using advanced technologies such as 3D printing and CNC etc
- Entablement of testing facility to test the efficacy of the prototype
- Design, run, test and upgrade systems and processes
- Develop best practices/ standard operating procedure, routines and innovative solutions to improve production rates and quality of output
- Perform structural stability simulations using commercial software tools
- Manage project cost and time constraints
- Perform risk assessments
- Provide process documentation and operating instructions
- Technology transfer to the production line

Requirements

- Proven record of prototype development, testing and technology transfer to the production line
- Excellent technical skills
- Knowledge of engineering design related standards
- Experience in design analysis using commercial software like Dassault System tool, ANSYS, CAD, Autocad and similar tools
- Technical documentation skills using MS Word/ Excel / PowerPoint
- Familiarity with health and safety regulations
- Analytical thinker with interpersonal skills
- B.E/ BTech / ME/ MTech degree in Mechanical Engineering

Selected candidates will be working under mentorship of Dr. Senthilmurugan Subbiah, Associate Professor, Department of Chemical Engineering, Indian Institute of Technology-Guwahati Guwahati 781039 Assam, India.

Suitable candidate is requested to email CV to Sumeel Doshi, Head of HR, Pyrotech Workspace Solutions Pvt. Ltd, email id sumeel@pyrotechworkspace.com