

## **Job Description: Process Engineer**

**Summary:** An excellent career opportunity is currently available for a Process Engineer within R&D centre of Pyrotech Workspace Solutions Pvt. Ltd located in IIT Guwahati Research Park, Assam India. We are looking for an experienced Process Engineer to be responsible for the process design, operation and implementation. The successful candidate will be able to improve real processes in order to maintain efficiency, reduce cost, improve sustainability and maximize profitability.

### **Responsibilities**

- Develop, configure and optimize chemical processes from inception through to start up and certification
- Assess processes, take measurements and interpret data
- 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 process simulations using commercial software tools
- Manage cost and time constraints
- Perform risk assessments
- Provide process documentation and operating instructions

### **Requirements**

- Proven project development and implementation experience in process engineering
- Excellent technical skills
- Knowledge of process related standards
- Experience in process simulations using commercial software like MATLAB, COMSOL, Dymola, CFD tools
- Working knowledge of process engineering software packages
- CAD or AutoCad skills
- 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 Chemical 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](mailto:sumeel@pyrotechworkspace.com)