



YES (Yield Engineering Systems, Inc.) is a leading manufacturer of reliable, high-tech, cost-effective capital equipment that transforms materials and surfaces at the nanoscale. From startups to the Fortune 50, our customers rely on YES to help them unleash products that change lives – from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID.

As a preferred provider of wet and dry process technology, we look forward to talking with smart, energetic, team-oriented people who can grow with us. We provide competitive salary and benefits, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

We are currently seeking someone to lead our mechanical & electromechanical design and development efforts in India.

Job Title: Member of Technical Staff – Mechanical Engineering

Location: Coimbatore or Bengaluru Electronic Park, India

Duties & Responsibilities

- Provide system architecture leadership for chambers and systems in life sciences, semiconductor, biotech, AR/VR, and other markets.
- Provide leadership to guide engineering teams in the design tradeoffs through prototype, build, and test cycles.
- Lead projects with notable complexity & risk; develops top-level design strategy for product developments.
- Work with multi physics modeling team to analyze performance and design tradeoffs.
- Resolve design problems associated with product performance in engineering, manufacturing, and the field.
- Interface with internal and external customers regarding significantly complex engineering issues, to address customers' High Value Problems (HVP) for a range of products.
- Communicate among diverse teams (process engineers, technicians, software/controls, suppliers)
- Work with appropriate departments to ensure that design specifications meet or exceed all applicable regulatory standards.
- Problem identification and troubleshooting of a wide range of complex engineering problems. Perform Failure Modes and Effects Analysis.
- Prioritize and manage multiple projects within design specifications and budget restrictions.
- Perform other related duties as assigned by management.
- Knowledge in some or all: precision mechanical design (high stiffness and thermal stability, low stress, FEA, GDT, etc.), high-accuracy motion control.

Minimum Qualifications

- Bachelor's degree (B.S.) or equivalent in Mechanical Engineering.
- 15+ years' experience in related engineering field with increasing scope complexity
- Experience in capital equipment industry – semiconductor, biotech, life sciences
- Self-motivated, with the ability to work in a fast-paced thriving environment with minimal direction

- Proficient in SolidWorks
- Excellent written and oral communication skills
- Strong organizational, problem-solving, and analytical skills
- Versatility, flexibility, and global development experience
- Acute attention to detail
- Proven ability to handle complex projects and meet deadlines
- Good judgement with the ability to make timely and sound decisions
- Creative, flexible, and innovative team player

Preferred Qualifications

- Ability to lead, motivate, develop, and mentor others
- Regarded as a technical expert in their field
- Proficient in the use of SolidWorks PDM

Compensation

YES offers a stimulating and fun working environment, competitive salaries, healthcare benefits and long-term incentives.

Additional Information

YES is an equal opportunity employer and values diversity. All employment is decided on the basis of qualifications, merit, and business need.

Come find out why YES is such a great place to work. Apply today!