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!

Job Title: Senior Engineer – Mechanical Engineering (wet chemistry-based semiconductor equipment)
Location: Coimbatore or Bengaluru (Marathahalli), India

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

Duties & Responsibilities

- Provide leadership to guide engineering teams in the design tradeoffs through prototype, build, and test cycles.
- Lead projects with notable complexity and risk; develop top-level design strategy for product development.
- Work with multiphysics 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 (HVPs) 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.
- Identify problems and troubleshoot 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.

Minimum Qualifications

- Bachelor's degree (B.S.) or equivalent in Mechanical Engineering
- 5+ years' experience in related engineering field with increasing scope complexity
- Experience in capital equipment industry: semiconductor, biotech, life sciences

- Knowledge in some or all: precision mechanical design (high stiffness and thermal stability, low stress, FEA, GDT, etc.), high-accuracy motion control
- Knowledge in Engineering plastics such as polypropylene, PVDF, Teflon, PTFE, PFA, PVC, etc.
- Ability to run independent complete product design and development
- Familiarity with design standards such as ASME, ISO, SEMI
- 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
- Creativity, flexibility, and ability to be an 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 and 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.
- YES prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.

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