**Job Title: Senior Process Engineer**

**Location: Bengaluru**

**Yield Engineering Systems Bangalore Urban, Karnataka, India (On-site)**

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 cell phones 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, including long term incentives and some of the best co-workers you’ll find anywhere. If this appeals to you, please read on!

**Responsibilities**

* Perform R&D (research & development) in Wet Process technology & do laboratory testing
* Own and execute technology development including process steps, metrology & process characterization
* Put together RSM (Response surface methodology), optimize and compare various analytical & characterization methods for achieving expected results
* Perform coupon base process testing to address technology challenges, demonstrate results and present to management
* Manage lab facility and take accountability of lab & personal safety, handle concentrated chemicals
* Mentor and supervise process team in literature survey, experimentation and analysis
* Align and work with US Technology Innovation team and develop processes accordingly

**Qualifications & Requirements**

* Master’s or Doctorate degree in Engineering/ Material Science, & related to Electro Chemistry
* 5+ years' experience in process & technology development, mainly in chemistry optimization, substrate adhesion promotion, process film testing and failure analysis, etc.
* Ability to understand the machine design that impact process performance
* Experience in handling wet chemistries, in performing beaker & lab scale testing, etc.
* Strong problem solving and critical thinking abilities
* Strong communication, technical and presentation skills
* Able to travel to Company Headquarters (Fremont, CA) on need basis
* Preferred: Knowledge in SPC/APC (statistical / automated process controls), Semiconductor Equipment (AMAT, KLA, TEL, Lam) and/or Wet chemical processing experience

**Additional Guidelines**

* Min 3 years and max 10 years’ experience (CeNSE, IISc; CSIR-CECRI; Pharmacy, PCB, etc. )
* Prefer Electroless metal deposition experience.

**Contact Details**

* [vbadam@yieldengineering.com](mailto:vbadam@yieldengineering.com)