

Failure Analysis Lab Engineer (1 Position)

Pohang University of Science and Technology (POSTECH) is seeking an energetic, hands-on Failure Analysis (FA) Lab Engineer under various programs with one of our business partners. Our business partner is a top-tier high tech multinational company.

This position, employed by POSTECH, will represent the university and be responsible for helping SMEs determine which training courses and equipment best suit their needs. The successful candidate will collaborate closely with partner's engineers to identify and resolve technical challenges related to quality issues unique to SME support projects or other programs. Responsibilities include managing lab equipment and providing failure analysis services for destructive, non-destructive structural analysis and/or material characterization. As necessary, the candidate assists the SMEs in registering for classes, lab time, or a consulting session with the partner's engineers. From time to time, job responsibilities will include assisting fellow POSTECH team members and our business partner with special events offering tours of labs and equipment demonstrations. This person should be comfortable approaching and engaging with new SMEs on a daily basis.

Key Qualifications

- 3+ years of hands-on experience failure analysis in structural and material field
- Broad working knowledge of a variety of nano/micro-mechanical technique including sample preparation experience.
- Hands-on experience using FIB-SEM, Ion Miller, Polisher, Ultrasonic cutter, AFM etc.
- Problem solving ability to resolve issues or conflicts with stakeholders and internal staff/engineers
- Communicate effectively (both verbal and written) complex analytical data to those with and without lab expertise.
- B.S. and 5+ years industry experience; M.S. and 3+ years industry experience in Material science or related discipline.
- Competent both in Korean and English
- Be able to work independently under high pressure and tight schedule
- Strong work ethic and high integrity