Micron Technology Inc., R&D is looking for a device characterization engineer to work in the area of advanced semiconductor devices and memory technologies. Exciting opportunities exist to work on detailed investigation through electrical characterization for device optimization, performance & reliability, and participate in the development of new emerging technologies.

This position is in the R&D Device Analysis Group working closely with process integration and module development teams.

A very good understanding of state-of-the-art CMOS technology, deep submicron device electrical characterization, statistical techniques for analyzing parametric & reliability data is required. Successful candidates for this position will have a good understanding of device reliability issues and characterization techniques for monitoring device fluctuations & bias-temperature instabilities (NBTI, PBTI), gate oxide wear out, time-dependent dielectric breakdown (TDDB), plasma damage, electromigration and interconnect reliability, etc. Experience in using semiconductor parametric analyzers, CV meters, high frequency characterization techniques using network analyzers, noise measurements, and other DC and AC characterization techniques is expected.

Candidates should have a Ph.D in one of the following areas - EE, Physics, MSEE/MS candidates can apply if they have a strong background in semiconductor devices through graduate-level classes in related areas and have more than 5 years of experience in industrial R&D labs.

This position is located in Bangalore, India and will pay Indian salary commensurate with experience. Candidates will be expected to have the legal status to live and work in India. Relocation from the US to India will not be provided.

Micron offers a comprehensive benefits package, which includes base salary, housing and car allowances, patent bonuses, health insurance and performance bonuses (when available).

Follow the instructions below to submit your resume in confidence:
Attn: Micron India HR
E-mail: careers.india@micron.com
Fax: 65-6290-3639