

AMAT internship Opportunity

We have few openings in our lab for Internship for duration of 6-12 months.

The intern is expected to work closely with Chemists & Process Engineers (PE) on physical chemistry & integration projects:

- o Understand the project goals, get trained and execute under guidance
- o Understand project timelines and work with their mentor to execute for projects to success
- o Communicate with employees, stakeholders in Applied Materials India & US
- o Actively participate in projects as an associate to Chemist/Process Engineers of the team, help in experimentation and documentation
- Be agile, learn and perform duties under guidance of chemistry & process related programs

Key Responsibilities

- Design, collect data, analyze, and compile reports under guidance of Chemist/PE on problems/challenges related to semiconductor integration with a special focus on development of surface chemistry.
- Develop an understanding of structure-function relationships and design engineering related to projects assigned.

Functional Knowledge

- Knowledge related science/engineering aspects of materials, tools, characterization etc. Knowledge and hands on experience of deposition and process tools will be an added advantage.

Problem Solving

- Prior experience of working on complex problems; use of sophisticated analytical thought to exercise judgment and identify innovative solutions will be an added advantage. Internship will provide an opportunity to upskill on problem solving abilities.

Education and Experience

MS/ PhD in physical chemistry/materials science& engineering students in final year would be best suited for internship. PhD students closer to submission of thesis will have an added advantage.

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