

## **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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