The National Nanofabrication Centre (NNfC), Centre for Nanoscience and Engineering is inviting applications for the position of Technology Manager (TM).

 The Technology Manager will be in charge of the deposition facility. The candidate will manage facility personnel, maintain and monitor process quality, develop new process, training, documentation, and consumable management. The candidate is expected to give technical inputs for research and industrial projects and be an active part of the equipment maintenance.

Currently, there are two open positions. The following are some of the responsibilities.

**Technology manager CVD and Wet processing:**

* Manage and guide a team of engineers working on operating and maintaining high-temperature furnaces and rapid thermal annealing systems at NNfC.
* Manage and guide a team of engineers maintaining wet etch and chemical clean systems, and inline characterization equipment.
* Be in charge of safety and chemical disposal systems at NNfC, including conducting safety tests and safety presentations for internal and external users and updating NNFC safety policy periodically.
* Ensure that training schedules, SOP and tool monitoring trends on the tools are maintained.
* Work with bay managers to ensure consumable availability.
* Develop new processes as an when required for external and internal projects and also actively work to improve tool and personnel capabilities.
* Manager, maintain and develop documentation.

**Technology manager PVD:**

* Manage and guide a team of engineers working on operating and maintaining PVD systems in the cleanroom
* Manage and guide a team of engineers operating and maintaining legacy microfabrication tools and glove boxes
* Work with the management for the up-gradation of legacy tools and improve process capabilities
* Evolve Health and Safety procedures.
* Ensure that training schedules, SOP and tool monitoring trends on the tools are maintained
* Maintain and forecast consumables.
* Develop new processes as an when required for external and internal projects, and also actively work to improve tool and personnel capabilities
* Manager, maintain and develop documentation.

**Minimum Qualifications:**

* Work experience in a cleanroom is a must.
* Should have hand-on experience in the cleanroom.
* MSc/MTech/PhD in Science or Engineering with strong domain experience in a cleanroom facility.
* Experience in developing and visualizing process flows.
* Familiarity with characterization equipment.
* Experience in working with a team. Experience in managing a team is an added advantage.
* Working experience as a manager or in such capacity in the semiconductor industry or in the university/national lab will be highly desirable.

Employment & Remuneration: Contractual employment with consolidated pay commensurate with qualification and experience. For qualified candidates, a starting salary of 70,000/month will be offered.

Please send your resume (PDF only) electronically to nnfcposition@iisc.ac.in on or before July 30th, 2020. Clearly mention the position in the subject. Resume should contain references.