

Position: Chief Technology Officer

Facility: Packaging and Systems facility (PASF)

Location: CeNSE, IISc Bengaluru

A chief technology officer (CTO) position for the coordination and execution of activities in the Packaging and Systems facility (PASF) at CeNSE, IISc. Various programs are focusing on advanced packaging and integration technologies. In one such program, CeNSE is embarking on a path defining beyond CMOS technology. The program envisages to develop systems incorporation heterogeneous devices and technologies for applications in connectivity, IoT and Power. This includes integration of various base technologies such as compound semiconductors, sensors, MEMS, Photonics, and CMOS devices on a single functional substrate. Heterogeneous integration is the future of advanced systems. Quantum technologies is another program which is going to benefit from advanced packaging and integration. In addition to these upcoming programs, the facility is consistently developing technologies for MEMS sensor packaging.

The CTO is expected to be technically competent in one or more of the technologies mentioned above. The responsibilities include and are not limited to,

1. Day to day operation of the Packaging and Systems Facility (PASF).
2. Managing projects and training programs being executed under PASF.
3. Development of new technologies and process capabilities.
4. Identification and procurement of equipment.
5. Development of new training programs.
6. Interfacing and liaison with Government and private agencies.
7. Coordinate and follow up with potential partners and leads.
8. Hands on experience with the following technologies is a plus
 1. Thru substrate via and interposer technology
 2. Flip chip bonding
 3. Wafer scale packaging
 4. Vacuum packaging
 5. Hybrid bonding

Renumeration:

Up to 4 lakhs/month

Eligibility:

1. A PhD/ME/MTech with a minimum of 10 years of relevant experience in technology program management.
2. Excellent oral and written communication in English.
3. Ability to plan and execute time-critical plans.
4. Financial planning is an added advantage.

The position is full-time located at CeNSE, Indian Institute of Science, Bangalore.

How to apply: Please apply online using the following link

<https://forms.gle/Xuc49YV1BKfYabo36>