

[Open Position]
Senior Research Fellow position at MMNS lab, CeNSE

Dear all,

We are looking for an M. Tech graduate with a minimum of two years of work experience to work on inertial sensor development for space applications. The applicant must know semiconductor fabrication and device packaging technology. The selected candidate will work on the design, fabrication, characterization, and packaging of Silicon-Microelectromechanical systems (MEMS) based High-performance Accelerometer (SiMHA). The main focus of the project is the fabrication of the wafer-level hermetically encapsulated sensor structure using a multi-wafer stack silicon fusion bonding process.

The applicant should have a good grasp on (i) Finite Element Analysis tools such as COMSOL or ANSYS, (ii) Design and analysis of Microelectromechanical Systems (MEMS), (iii) Photomask layout tools such as L-Edit and Clewin, and (iv) MEMS packaging.

Interested applicants might send their resume to shilpasanthosh@iisc.ac.in with the subject "SiMHA Project – SRF Application" clearly written in the subject header. Candidates will be shortlisted based on their resumes and will receive an interview call.

Last date for receipt of application: 12-March-2022