



## INSTITUTE OF NANO SCIENCE AND TECHNOLOGY (INST)

(AN AUTONOMOUS INSTITUTE OF DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVT. OF INDIA)

.....EMPOWERING INNOVATIVE SOLUTIONS



Under the broad objectives of Nano-Mission, Government of India to promote research by establishing centres of excellence in specialized areas, the Institute of Nano Science and Technology (INST) has been set up at Mohali (Punjab) as an autonomous institution under the Societies Registration Act, 1860. Land for INST, has been allotted by Punjab Government adjacent to IISER in Sector 81, Mohali.

The institute has started its activities from – Habitat Centre in Sector – 64, Phase - 10, Mohali and will move to its new campus within 3 years.



### DIRECTOR'S MESSAGE



INST Mohali envisions to be at the forefront of research on Nano Science and Technology in India. The key areas to be focussed upon are Agriculture, Energy, Environment and Medicine. The Institute will bring together outstanding scientists from different branches of Science and Engineering. These scientists will aim to take up challenging interdisciplinary projects with a technology or device/product as the key deliverable. INST is the first and only institute funded by Government of India with a mandate of pursuing primarily Nano Science and Technology and we will strive to make it known as one of the best Institutes of the country recognized globally. -

Director, Professor Ashok K Ganguli



INST-Foundation Stone Laying Ceremony on 2nd March, 2014

### VISION

- ★ To contribute to society through application of nanoscience and technology
- ★ To create state of the art instrumental facilities for cutting edge research with outstanding scientists
- ★ To be able to impart advanced training courses in nanotechnology
- ★ To encourage patent related activities and to be a cradle for nurturing new technologies through incubator facilities

### RESEARCH AREAS

The institute aims to carry out research in all areas of nanoscience and technology with emphasis in the following areas : agricultural nanotechnology, nanotoxicology, biosensors, drug delivery, photovoltaics and photocatalysis, microfluidics based technologies, nanotechnology based solutions for energy and environment, nanobiotechnology. etc. It brings together basic and applied scientists from different backgrounds in an intimate atmosphere to build interactions and collaborations. We envisage that the dedicated research will help to strengthen the understanding of phenomena at the nanoscale and will generate products and devices based on nanotechnology which can potentially contribute to society.