

ANNOUNCEMENT

DST SPONSORED FIRST NATIONAL CONFERENCE ON NANO SCIENCE AND TECHNOLOGY

7–8 MARCH 2005

Venue

NATIONAL CHEMICAL LABORATORY, PUNE 411 008

Convener:

Dr. K. N. Ganesh (kng@ems.ncl.res.in)

In order to invigorate and promote research, development and applications in the emerging areas of Nano Science and Technology in India, the Department of Science and Technology, New Delhi, launched a major national interdisciplinary research programme titled “**Nanoscience and Technology Initiative**” in the tenth five-year plan. More than 40 research proposals have been funded during the last three years and various investigators have made notable significant progress. The First National Conference on Nano Science and Technology scheduled for **7–8 March 2005**, at NCL, Pune, will bring into focus the various scientific achievements of this program through invited scientific presentations. There will also be opportunities for young research students to make poster presentations. In addition to invited talks, some of the submitted abstracts for posters may be considered for oral presentations.

The areas to be covered are:

- quantum structures, metal nanocrystals, semiconductors, nanowires, nanotubes and nano-biomimetics,
- use of biomaterials (DNA, proteins, lipids, cells) as templates for nanoassemblies and for metallic or semiconducting nanostructures,
- characterization techniques and nanomanipulations, applications of nanomaterials in biology, chemical technology and electronics,
- scale up processes for nanomaterials.

Those who may desire to participate in the meeting may send their application to the Convener before 10 February 2005. The abstracts of posters restricted to one page may be sent by email. All presentations will be published as a special issue of *Pramana* after peer reviewing.

For further details, please contact the Convener of the meeting or
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