



## An Introductory Training Course in Nanofabrication Technologies for ITEC countries

at  
Centre for Nano Science and Engineering (CeNSE),  
Indian Institute of Science, Bengaluru



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**Chairman, CeNSE**  
Navakanta Bhat

**Program Coordinator**  
Sanjeev Shrivastava  
S A Shivashankar

**Training Coordinator**  
Akshay Naik

**Contact us:**

Dr. Sanjeev Shrivastava,  
Program Coordinator  
CeNSE, IISc Bangalore,  
INDIA – 560012

**Email:**

[sanjeev.shrivastava@cense.iisc.ernet.in](mailto:sanjeev.shrivastava@cense.iisc.ernet.in)  
[sansrivastava28@gmail.com](mailto:sansrivastava28@gmail.com)

**Phone:** +91-80-23603281  
<http://www.cense.iisc.ac.in>

Mob: +91-8277566371

**Ministry of External Affairs:**

Mrs. Veena Aggrawal,  
Under Secretary (TC)  
Ministry of External  
Affairs  
Room No. 2066, B Wing  
Jawahar Lal Nehru  
Bhawan  
23-D, Janpath, New  
Delhi-110011

### Call for Participation in an Introductory Training Course in Nanofabrication Technologies for ITEC countries

Dear Sir/Madam

Over the past few years, India's role in promoting and assisting development in the ITEC countries has increased substantially. One of the areas that need significant strengthening of ties among the ITEC countries is science and technology. Inadequate availability of essentials like safe drinking water, public health facilities, and energy are some of the problems that are common to all ITEC countries. Closer interaction in these domains will not only foster exchange of ideas and promote active research in these areas but would also strengthen people-to-people-bond.

In this regards, With the Development Partnership Administration-II Division of Indian Technical & Economic Cooperation Programme (ITEC), under Ministry of External Affairs as the Financial Sponsor, and in consultation with the Ministry of Electronics and Information Technologies (MeitY) Govt. of India, we are holding the 2nd Special Training Course in Nanofabrication Technologies for ITEC countries in the CeNSE, Indian Institute of Science, which was recently dedicated to the nation by the Prime Minister in the month of Feb 2015, was established with support from MeitY, to promote research and education in nano science and engineering. The Centre would like to help foster greater interaction among ITEC nations through the special course proposed herein, (which may be further convert into a **Regular Program**) in the very important contemporary field of nano science and technology by providing training and access to its facilities.

The objective of this special course will be to train scientists on both the theoretical and practical aspects of nano-fabrication technologies starting from "the cleaning of wafers to the packaging of the devices". The reach of this course will be extended to a large number of institutions and participants through a variety of new and expanded initiatives: training at different levels in Nanoelectronics to scientists from institutions in ITEC nations. The training program will be divided as follows:

- (i) **Basics of nano science and technology:** Lectures from faculty members will provide an overview of various aspects of nano science and current technologies.
- (ii) **Practical hands-on training:** Participants will be provided practical training in the National Nano Fabrication Facility (NNfC) and the Micro and Nano Characterisation Facility (MNCF). For more details please see the course content.

**Eligibility Criteria:**

1. The participant must belong to one of the ITEC countries
2. Participants should have a Bachelor's degree (from a recognized University) in any branch of Science and Engineering.
3. Participants should be member of faculty who is teaching courses/involved in research related to Physics, Chemistry, Materials, Electronics and Communications, Electrical Engineering, and Nanotechnology, or must be a student registered for the Master's/PhD degree in Science and Engineering in an accredited academic institution/university in one of the countries listed above.
4. Please send one page statement of purpose along-with bio-data to [sansrivastava28@gmail.com](mailto:sansrivastava28@gmail.com) in advance.

**Last Date of receipt of application (ONLINE):** 12<sup>th</sup> July 2017. For more details, please visit the website:

**Link to apply online:** <https://www.itecgoi.in/index.php>

**Registration Fee:** There is no registration/training fee/Facility Charges for attending this training course, as CeNSE facility is fully supported by Ministry of electronics and information technology (MeitY) and DPA-II, Ministry of External Affairs, Govt. of India.

The travel cost will be borne by DPA-II, Ministry of External Affairs, Govt. of India.

We request you, therefore, to consider our request to participate in this training course to make it great success.

Thank you.

Yours truly,

(Dr. Sanjeev Shrivastava)

**Program Coordinator**