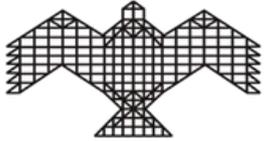


Science, Technology, and Innovation Policy



NIAS-DST Training Programme for Senior Scientists/ Technologists 13-24 March 2017

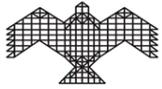
The National Institute of Advanced Studies (NIAS) has been organizing with support from the Department of Science and Technology (DST), Government of India, training programmes to provide the orientation and planning skills required for scientists/ technocrats of the country, and in particular, to offer views of the broader scientific, economic, social and cultural milieu in which the Indian scientific enterprise could develop in this century. The large pool of scientific and technical manpower in many Indian institutions has not had the benefit of either induction training or a system of regular in-service training that are available to other cadre-based services. In order to bridge this gap, this Programme which is now first in the series for scientist-administrators and technologists at the Senior Level with 15 years of experience and above from various scientific organizations in the country will focus on the theme “Science, Technology, and Innovation Policy”. The Course will be conducted during March 13-24, 2017. Consistent with the mission of NIAS, its courses emphasize the development of leadership qualities through the integration of multidisciplinary knowledge.

About the programme

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This program will impart training to participants on how science policies are important and are evolved and what is the government's role in the science and technology innovation system. Given the challenges that lie ahead in India's S & T programmes, this training capsule will aim to equip those planning careers in science and technology and related areas. Similarly, the course will dwell on how S&T policies are formulated when government and the society/public look increasingly to experts to do more for the society than conduct research and produce knowledge, which helps protect against the misuse or unintended consequences of science and technology. This training program will impart sufficient knowledge to participants so that they can contribute to decision making related to S & T issues in public, private and civic settings.





The training programme includes lectures by eminent speakers, presentations by the participants, group discussions, project work, week end technical visits, public lectures, cultural programme, 'Yoga' practice from health point of view and feedback. The defining feature of lecture pattern in our courses consists of interactive sessions with distinguished faculty drawn from different organizations and occupations. The general format is a presentation for 45 minutes followed by lively discussions for 45 minutes. The participants would be encouraged to interact as widely as possible with the speakers.

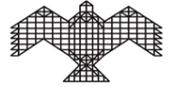
The course will address broadly the following topics:

- Origin, evolution and history of science policy;
- Role of government in regulating, promoting and financing science;
- Science and Ethics;
- Science and IPR;
- S&T in advancement of national goals;
- Science and Diplomacy;
- Science and gender;
- Perception and acceptance of risk in evolution of science policy;

Focus of the Course



- Influence of social, cultural and political forces on the production of scientific knowledge;
- Science Policy and Security;
- Science Policy, Education and Culture;
- Advocacy, Special interest or Action Groups in influencing science policies;
- Science policy in global context: the rise of China, Korea in S&T field;
- Professional organi-



sations and Science & Engineering Societies;

- Discussion on Industrial Revolution, Green, Blue and White revolutions;
- Discussion on DARPA, NSF, NASA, European Research;
- Discussion on US National Genome Plan Initiative (Five Year Plan: 2014-18);

Discussion on Moon Mission, Mars programme, Antarctica program; etc.

More information about the lectures will be provided to the nominated participants.



Infrastructure:

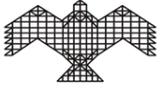
NIAS has unique infrastructural facilities like accommodation, dining hall, library, auditorium (lecture hall), rest rooms, browsing centre, campus with good ambience. Since the programme is residential, NIAS will arrange boarding and lodging facilities.

In view of this, it is necessary that all the participants stay in the campus. In addition, the outstation participants will be provided with transport for their pick-up and drop.

Nominations:

The participants will range from various institutions like DST, DRDO, DAE, ISRO, ICMR, ICAR, CSIR, DSIR and Universities. No participation fee is involved for attending this essentially residential programme. Only the travel expenses from Head Quarters to Bangalore and back are to be met by the nominating organizations as stipulated by DST. Participation in this Programme is limited to 25 individuals.

Nominations



Contact Information

Contact the following for further information

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