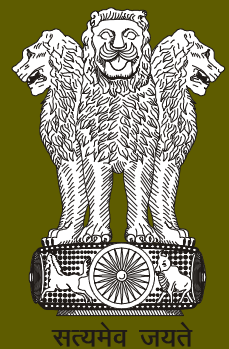


# TERI - ITEC

## Courses for 2008 - 2009



TERI is offering five courses for the year 2008/09 under the Indian Technical and Economic Cooperation (ITEC) / Special Commonwealth Assistance for Africa Programme (SCAAP) of the Government of India.

### Courses offered and dates

▪ Applications of biotechnology and its regulation	19.08.08 - 05.09.08
▪ Trade and sustainable development – Issues for developing countries	17.11.08 - 05.12.08
▪ Renewable energy and energy efficiency	05.01.09 - 23.01.09
▪ South and South East Asia – Fostering trade ties	16.02.09 - 06.03.09
▪ Mainstreaming Sustainable Development	09.03.09 - 27.03.09

### Advantages of attending the course

- **Increased understanding** of various dimensions of energy efficient technologies, biotechnology, trade and sustainable development.
- **Dissemination** of practical knowledge to the participants on energy efficient technologies and pillars of sustainable development facilitated through field visits.
- **Wider** exposure to India as the course lectures are complemented by study tours.

### Eligibility

The courses are designed to meet the needs of early/ mid-career government/ non-government officials. The eligibility criteria for the participants are:

- ***Applications of biotechnology and its regulation***
  - Degree in Life Sciences, Biotechnology, Agriculture, Food and Nutrition or related disciplines

Maximum number of participants - 30

- ***Trade and sustainable development – Issues for developing countries***
  - Bachelor's / Master's degree and a work experience of two years

Maximum number of participants – 25

- ***Renewable energy and energy efficiency***
  - Bachelor's degree in Engineering (BE) / Technology (B Tech)

Maximum number of participants - 30

- ***South and South East Asia – Fostering trade ties***
  - Bachelor's / Master's degree and a work experience of two years

Maximum number of participants – 25

- ***Mainstreaming Sustainable Development***
  - Bachelor's / Master's degree with experience and or interest in development policy

Maximum number of participants – 30

## Details of the courses

The five courses have been designed keeping in mind the specific needs of various government and non-governmental officials:

- ***Applications of Biotechnology and its Regulation***

The course aims at providing a unique blend of theory and practice in biotechnology and other relevant fields. It is divided into three modules. The first and second modules provide a basic understanding of biotechnology, the environmental and bioethical concerns of new technologies and the legal framework for biosafety regulations and guidelines for risk assessment and management. The third module looks at International frameworks to regulate transboundary movements of living modified organisms.

- Course coordinator – Dr. Vibha Dhawan ([vibhad@teri.res.in](mailto:vibhad@teri.res.in))

- ***Trade and Sustainable Development – Issues for developing countries***

The course provides an introduction to multilateral and regional trade regime, global institutions and sustainability, multilateral environmental agreements and trade linkages. It has a special focus on developing country concerns and south-south trade.

- Course coordinator - Mr. Nitya Nanda ([nitya@teri.res.in](mailto:nitya@teri.res.in))

- ***Renewable Energy and Energy Efficiency***

The course aims to develop an understanding of the existing and emerging renewable energy technologies, and energy conservation and efficiency improving techniques across sectors. The course covers basics of different sources and forms of energy, role of renewable energy, energy efficiency, solar thermal technology and its application, wind power, biomass gasifier based system development, small hydro technology, renewable energy policies, rural energy related issues and challenges, overview of energy scenario in India and EC Act, 2001, demand side management (dsm) including pricing and regulation.

- Course coordinator – Mr. Sunil Dhingra ([dhingras@teri.res.in](mailto:dhingras@teri.res.in))/ Dr Sanjay Mande ([sanman@teri.res.in](mailto:sanman@teri.res.in))

- ***South and South East Asia – Fostering trade ties***

The course aims at capacity enhancement of stakeholders from South and South East Asian countries on trade policy issues with special reference to India's "Look East Policy". It has a focus on multilateral and regional trade regimes, Indo-ASEAN ties, BIMSTEC, SASEC. The course also examines developments in the Indo-ASEAN Free Trade Agreement and trade and investment potentials in different sectors in the region.

- Course coordinator – Ms Nidhi Srivastava ([nidhis@teri.res.in](mailto:nidhis@teri.res.in))

- ***Mainstreaming Sustainable Development***

The course, divided into three modules, aims at imparting analytical skills required to address everyday challenges faced while balancing environmental objectives with socio-economic ones. The first module provides the conceptual framework associated with the economic, social and environmental dimensions of sustainable development. Sector-specific development issues critical in the developing country context along with the identification of policy challenges and way-ahead strategies are addressed in the second module. The third module discusses policy challenges involved in framing development policy in the presence of multiple objectives and constraints.

- Course coordinator – Dr. Sangeeta Nandi ([snandi@teri.res.in](mailto:snandi@teri.res.in))

## How to Apply

Fill up the ITEC/SCAAP application form (downloadable from <http://itec.nic.in/form.htm>) and submit it to the nodal Government Department/Agency designated to nominate candidates. The nodal Department/Agency will in turn forward the applications to the Embassy/High Commission of India. Selected participants would be informed by the Indian embassies of the respective ITEC/SCAAP countries.

## Venue

The courses will be conducted in TERI complexes in the National Capital Region of Delhi in India, as well as in TERI regional centers in Bangalore and Goa, depending on the specific framework of each course.

## Accommodation

The hostel accommodation for the participants would primarily be in TERI RETREAT, a training complex that is only a 35-minute drive from the heart of Delhi. Located in Gual Pahari, Gurgaon, away from the bustle of the city, this 36-hectare training complex is a demonstration of sustainable, green and productive habitat created through application of scientific methods and technique. The Micro Propagation Technology Park in TERI GRAM has elaborate infrastructure, modern laboratories, greenhouses, nurseries, and various plants of forest trees, fruit crops, vegetable cash crops, foliage and flowering. RETREAT provides an example of efficient use of natural sources of energy.

Participants would also be accommodated in guest houses/hotels outside the National Capital Region of Delhi as per the study tour requirements built into each course.

## About TERI

TERI (The Energy and Resources Institute) is an autonomous, not-for-profit, research institute, which was established in 1974. A unique developing country institution, TERI is committed to every aspect of sustainable development. TERI's work ranges from providing environment friendly innovative solutions to rural energy problems, to tackling global climate change issues, from issues of urban transport and air pollution to promotion of energy efficiency in the Indian industry. TERI's vision statement captures this – "We will work towards global sustainable development creating innovative solutions for a better tomorrow". TERI has a total staff of over 700, drawn from a wide range of disciplines. TERI's headquarters are located in New Delhi and it has regional centres in Goa, Bangalore, Guwahati, Mukteshwar, as well as field sites in different parts of India.

## TERI overseas

Over the years, TERI's global affiliates and centres have developed strong collaborations with like-minded institutions and important organizations to further the cause of sustainable development, and the institute has been involved in capacity development programmes, project development, implementation, and consultancy and expert services in several countries. For instance, the institute has established operational biomass gasifier systems in Uganda, Myanmar, Thailand and Sri Lanka and a biomass gasifier based mini grid in Myanmar; provided research and technical assistance to energy commissions and the governments of Uganda, Sri Lanka, Bhutan, Malaysia and Nepal on energy related matters; and has been partnering with the stakeholders and institutes in Africa, as a part of the GDLN (Global Development Learning Network). TERI has also launched the 'Lighting a Billion Lives' campaign, with a focus on developing Asia and Africa, which aims to bring light into the lives of one billion rural people by displacing the kerosene lanterns with solar lighting devices.

TERI has established overseas centres in Addis Ababa (Ethiopia), Petaling Jaya (Malaysia) and Tokyo (Japan), apart from affiliations with institutes in Washington, DC (USA), London (UK), and Dubai (United Arab Emirates). Apart from the ITEC courses, TERI has in the past conducted training programmes for government officials of Pacific Islands Countries at Fiji and for representatives of industry in Bhutan and Uganda.

## For Further information, please contact

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