based system development, small hydro technology, renewable energy policies, rural energy issues, overview of Indian energy scenario and demand side management. *Course coordinator – Mr Sunil Dhingra (dhingras@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 will be informed by the Indian embassies of the respective ITEC/SCAAP countries.

Scholarship

Government of India will bear the following expenses for the selected candidate:

- Return international airfare by excursion/ economy class
- Course fees
- Accommodation – hostel (depending on availability, it could be on single or sharing basis) or hotel in case of non-availability of hostel accommodation.
- Living Allowance @ Rs. 10,000 per month. Candidates are, among other things, expected to meet the expenditure for their meals from this amount.

For more details visit http://itec.nic.in

Venue and accommodation

The hostel accommodation for the participants would be in the TERI RETREAT/TERI University. **RETREAT** a training complex is only a 35-minute drive from the heart of Delhi 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 **TERI University campus** is an architectural delight planned to provide a setting that enhances learning, while simultaneously showcasing the concept of modern green buildings. The University has a state of the art laboratory, library, and well-equipped IT resource centre.

About TERI

TERI is an autonomous, not-for-profit, research institute committed to every aspect of sustainable development. Its work ranges from providing environment-friendly innovative solutions to rural energy problems to tackling global climate change issues. TERI's vision statement captures this - 'We will work towards global sustainable development, creating innovative solutions for a better tomorrow'. It is headquartered at New Delhi, and the regional centres are in Goa, Bangalore, Guwahati, Mukteshwar, with field sites located in different parts of India. TERI has established overseas centres also in Ethiopia, Malaysia, and Japan, apart from affiliations with institutes in Washington, DC (USA), London (UK), and Dubai (UAE).

For further information, contact

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Tel. +91 11 2468 2100 or 4150 4900 • *Fax* +91 11 2468 2144 or 2468 2145
E-mail swati.ganeshan@teri.res.in • *Web* www.teri.res.in

TERI–ITEC
Courses for 2009/10

TERI (The Energy and Resources Institute) is offering six courses for the academic year 2009/10 under the ITEC (Indian Technical and Economic Cooperation)/SCAAP (Special Commonwealth African Assistance Programme) of the Government of India.

Courses offered and dates

- Integrated approach towards sustainable development — 07.07.2009–25.07.2009
- Applications of biotechnology and its regulation — 04.08.2009–21.08.2009
- Climate change and sustainability — 20.10.2009–10.11.2009
- Decentralised energy solutions – planning and implementation — 02.11.2009–20.11.2009
- Trade and sustainable development – issues for developing countries — 23.11.2009–12.12.2009
- Renewable energy and energy efficiency — 04.01.2010–22.01.2010

Advantages of attending the courses

- 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 facilitation of pillars of sustainable development 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 as follows.

- *Integrated approach towards sustainable development* (maximum number of participants – 30)
  - Bachelor's degree in any discipline
- *Applications of biotechnology and its regulation* (maximum number of participants – 30)
  - Bachelor's degree with science in school and a work experience of 2 years
- *Climate change and sustainability* (maximum number of participants – 30)
  - Bachelor's degree in any discipline; work experience of 1-2 years
- *Decentralised energy solutions – planning and implementation* (maximum number of participants – 30)
  - Bachelor's degree in engineering/science/technology; work experience of 2 years
- *Trade and sustainable development – issues for developing countries* (maximum number of participants – 30)
  - Bachelor's/Master's degree and a work experience of 2 years
- *Renewable energy and energy efficiency* (maximum number of participants – 30)
  - Bachelor's degree in engineering/technology

Details of the courses

Integrated approach towards sustainable development

The course aspires to offer knowledge and skills to incorporate sustainability concerns in policy/managerial decisions utilizing systematic approaches. The course covers environmental systems, natural resources and management principles, business and sustainability, economic reasoning and sustainable development practices. ***Course coordinator- Dr Arun Kansal (akansal@teri.res.in)/Dr Suresh Jain (sureshj@teri.res.in)***

Applications of biotechnology and its regulation

The course aims to provide a unique blend of theory and practice in biotechnology and other relevant fields. It provides a basic understanding of biotechnology, environmental and bioethical concerns of new technologies and legal framework for biosafety regulations and risk assessment and management. It also looks at international frameworks to regulate transboundary movements of living modified organisms. ***Course coordinator – Dr Vibha Dhawan (vibhad@teri.res.in)***

Climate change and sustainability

The course aims to provide an understanding of the various aspects of climate change and its implications for sustainability. It would also address the issues of available mitigation options and vulnerability measures. The course covers international and national responses to climate change, carbon finance, CDM, planning for sustainable development and mitigation options and issues concerning impacts, vulnerability and impact assessment. ***Course coordinator – Dr.Kamna Sachdeva (kamna.sachdeva@teri.res.in)/Ms Shilpa Nischal (shilpah@teri.res.in)***

Decentralized energy solutions- Planning and implementation

The course aims at sensitizing participants on decentralized generation (DG) technologies and to study the extent to which DG can fill the demand–supply gap created by the limitation of grid extension. It focuses on rural electrification issues, renewable energy and distributed power sources, DG technologies and options for village electrification, scientific assessment of renewable energy resources, preparation of DPRs and tools and techniques for designing village electrification projects including use of decision making tools and software. ***Course coordinator- Mr Debajit Palit (debajitp@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)***

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. It 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