How to apply
Fill up the ITEC/SCAAP application form (downloadable http://itec.mea.gov.in), 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 and book allowance
- Accommodation – Hostel
- Living allowance @ Rs 25,000 per month on pro rata basis. Candidates are, among other things, expected to meet the expenditure for their meals from this amount.
For more details visit http://itec.mea.gov.in

Venue and accommodation
The hostel accommodation for the participants would be in TERI RETREAT. The training complex is a demonstration of sustainable, green, and productive habitat created through application of scientific methods and technique. It showcases the concept of modern green buildings. The complex has a state-of-the-art laboratory, library, well-equipped IT resource centre, and other facilities.

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, with regional centres in Goa, Bangalore, Guwahati, Mukteshwar, and field sites located in different parts of India. TERI has established a presence in Malaysia and Japan, apart from affiliations with institutes in Washington, DC (USA), London (UK), Dubai (UAE), and knowledge partnerships with institutes in Africa.

For further information, contact
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The Energy and Resources Institute (TERI) is offering eight courses for the academic year 2013/14 under the ITEC (Indian Technical and Economic Cooperation)/SCAAP (Special Commonwealth African Assistance Programme) of the Government of India.

Courses offered and dates
- Renewable energy and energy efficiency – 17.02.2014–07.03.2014

Advantages of attending the courses
- Increased understanding of various dimensions of climate change, energy-efficient technologies, biotechnology, trade, sustainable development, and resource governance.
- Dissemination of practical knowledge to the participants on climate change, 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-governmental officials. The eligibility criteria for the participants are as follows:

- Applications of biotechnology and its regulation (maximum number of participants – 30)
  - Bachelor’s degree with science in school; work experience of 2 years
- Decentralized energy solutions: Planning and implementation (maximum number of participants – 30)
  - Bachelor’s degree in any discipline; 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
- Trade and sustainable development: Issues for developing countries (maximum number of participants – 30)
  - Bachelor’s/Master’s degree in any discipline; work experience of 2 years
- Energy and water-use efficiency (maximum number of participants – 30)
  - Bachelor’s degree in any discipline; work experience of 2 years
- Renewable energy and energy efficiency (maximum number of participants – 30)
  - Bachelor’s degree in any discipline; work experience of 2 years
- Resource security and governance: Issues, challenges, and opportunities (maximum number of participants – 30)
  - Bachelor’s degree in any discipline; work experience of 2 years
- Integrated approach towards sustainable development (maximum number of participants – 30)
  - Bachelor’s degree in any discipline; work experience of 2 years

Details of the courses

Applications of biotechnology and its regulation
The course aims to provide a unique blend of theoretical and practical training in various aspects of plant biotechnology. It would provide an understanding of various aspects related to traditional and advanced biotechnology, environmental, and bioethical concerns of new technologies, legal framework for biosafety regulations and risk assessment and management. Issues related to sustainable agriculture through application of bioformers and biopesticides; food safety and impact of IPRs on future agriculture development with special reference to developing countries would also be covered.
Course coordinator – Dr Sanjay Saxena (sanjay@saxen@teri.res.in)

Decentralized energy solutions: Planning and implementation
The course aims to 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 focusses on rural electrification issues, renewable energy and distributed power sources, DG technologies and options for village electrification, scientific assessment of renewable energy resources, use of decision-making tools and software for designing, planning, and implementation of projects.
Course coordinator – Mr Rakesh Prasad (rakeshprasad@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/adaptation options and vulnerability measures. The course covers international and national responses to climate change and market-based options for developing nations. It will deal in planning, governance, and regulatory issues for sustainable development, mitigation options, and issues concerning impacts besides vulnerability and impact assessment. The course also deals with contemporary issues related to climate change such as poverty, migration, and conflict management.
Course coordinators – Dr Kamna Sachdeva (kamna.sachdeva@teri.res.in)/Ms Nimish Jha (nimish.jha@teriuniversity.ac.in)

Energy and water-use efficiency
The course aims to provide a unique blend of theoretical and practical training in various aspects of plant biotechnology. It would provide an understanding of various aspects related to traditional and advanced biotechnology, environmental, and bioethical concerns of new technologies, legal framework for biosafety regulations and risk assessment and management. Issues related to sustainable agriculture through application of bioformers and biopesticides; food safety and impact of IPRs on future agriculture development with special reference to developing countries would also be covered.
Course coordinator – Mr Nitya Nanda (nityananda@teri.res.in)

Renewable energy and energy efficiency
The course aims to provide an indepth understanding on various aspects related to use of energy and water. The course will specifically focus on demand-side management and audits as a tool to enhance the energy and water-use efficiency. It would also address the scope and opportunity in energy and water conservation and relevant government policies and programme to promote energy and water-use efficiency.
Course Coordinator – Mr Sachin Kumar (sachinkumar@teri.res.in)

Resource security and governance: issues, challenges and opportunities
The course aims at sensitizing participants on the issues and challenges pertaining to resource security (traditional and non-traditional) and governance including possible opportunities to address these with emphasis on sectors: minerals and metals, energy, and water. It will impart knowledge pertaining to quantitative methods for assessing resource security that would help design appropriate instruments and strategies.
Course coordinator – Dr Shilpi Kapur (shilpi.kapur@teri.res.in)

Integrated approach towards sustainable development
The course provides an introduction to multilateral and regional trade regimes, global institutions and sustainability, multilateral environmental agreements, and trade linkages. It has a special focus on developing country concerns and south-south trade especially in the context of designing trade policy to promote sustainable development. Trade in resources and agricultural goods receive special attention in the deliberations.
Course coordinators – Dr Chubamenla Jamir (chubamenla.jamir@teriuniversity.ac.in)