

Course 8- Integrated approach towards sustainable development

A. Name of the Institute	The Energy and Resources Institute (TERI)
B. Name/Title of the Course	Integrated approach towards sustainable development
C. Course Dates with Duration in Weeks	12-03-2018 - 29-03-2018, 3 weeks
<i>[note: dates may be fixed keeping in mind festivals, holidays, weather conditions, availability of accommodations, etc. No request for change in dates, once approved/ circulated will be entertained]</i>	
D. Eligibility Criteria for Participants	
1. Educational Qualifications	Bachelors in any discipline
2. Work Experience required, if any	2 years
3. Age Limit	25- 45 years
<i>[note: ITEC norms is 25-45 years]</i>	
4. Target Group <i>[Level of participants and target ministries/departments etc. may be indicated]</i>	4) Both Governmental and Non governmental participants
E. Aims & Objectives of the Course	Equipping mid-career professionals with knowledge and skills to incorporate sustainability concerns in policy/managerial decisions using a system approach. On completion of the course the participants will be able to conduct resource evaluation, perceive damage/degradation and prepare responses by internalizing sustainable issues with focus on efficiency and equity.
F. Course Contents /Syllabus <i>[please attach course details /profile in Word Format for uploading on ITEC website]</i>	<p>Module I: Introduction and Overview</p> <ul style="list-style-type: none"> - Introduction to Environmental System, concepts and definitions of sustainable development, changing perspective & debate <p>Module II: Natural resources and management principles</p> <ul style="list-style-type: none"> - Geo-science of basic life support system viz. air, water, soil, biota, land and their interaction as a system and with humans. - Environmental resource management:- Sustainable agriculture; infrastructure; irrigation; power; urban environment issues - Pollution control technologies, options and cleaner production, resource efficiency and

conservation.

- Solid and Hazardous waste management

Module III: Environmental Business and sustainability

- Environmental audit and environmental management systems, concept of green supply chain management, Total quality control.

Module IV: Economic reasoning

- Rationale for public policy, correcting government and market failures

Module V: Sustainable development practices

Integrated impact assessment, cost benefit analysis, contemporary issues

G. Mode of evaluation of performance of the participants

Class Participation; a paper or presentation from the participant demonstrating learning from the course at the end of each module