Course 8- Integrated approach towards sustainable development

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| 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*[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]*  | **27-03-2017 14-04-2017, 3 weeks**  |
| D. Eligibility Criteria for Participants1. Educational Qualifications2. Work Experience required, if any3. Age Limit*[note: ITEC norms is 25-45 years]*4. Target Group *[Level of participants and target ministries/departments etc. may be indicated]* | Bachelors in any discipline 2 years25- 45 years 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 *[please attach course details / profile in Word Format for uploading on ITEC website]* | Module I: Introduction and Overview - Introduction to Environmental System, concepts and definitions of sustainable development, changing perspective & debate Module II: Natural resources and management principles - 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  |