Ministry of External Affairs
DPA II Division

ITEC COURSE PROPOSAL SUMMARY
(duly filled form to be scanned and sent as scanned pdf by email)

1. Administrative details

Course Title	Environmental Impact Assessment: Development Projects (EIA:DP)
Stream	Environment and Climate Change
ITEC Coordinator/ Course Director	Dr. J. Rajeswar , Training Coordinator, EPTRI
Course Duration:	from 26ᵗʰ June – 09ᵗʰ July, 2024 ; 2 weeks
No. of days of training	14 days = 90 learning hrs (approximate)

Accommodation	Type: Hostel	Distance from Campus	within campus
	Name of Hostel: EPTRI Executive Hostel		

Airport (nearest)	Location:	Hyderabad	Distance from campus/ accommodation	33 kms

Batch Size	Minimum participation =	30	Maximum participation =	35

Study tour	Type of visit	Places to visit (with location)	No. of days
	Educational	1. Kaleshwaram Lift Irrigation Project 2. Hyderabad Integrated Municipal Solid Waste Management/ Open Cast Mining - Ramagundam	2
	Cultural/ Heritage	Salarjung Museum, Charminar, Chowmallah Palace, Seven Tombs, Hussain Sagar	2

2. Financial proposal

S. No.	Fee component	Unit	Per participant cost	Total Cost for all participants
1	Course Fee	per week per participant	6000	420000
2	Study tour charges	per participant	8500	297500
3	Other charges (for Project, lab analysis etc.)	per participant	35000	1225000
4	Accommodation charges (inclusive of taxes) – Hostel	per day/night per participant	1500	735000
5	Airport pick-up and drop charges (inclusive of taxes) – for both ways	per participant	3000	105000
6	Living allowance	per day per participant	1500	735000
7	Book allowance	per participant	5000	175000
8	Valedictory/ inaugural allowance	per participant	300	10500
Course Duration (in weeks)	**2 weeks**	**Total estimated expenditure**		**3703000**
Participants (maximum)	**35**			

 # Rate of Living Allowance if fixed under guidelines (@ Rs. 1,500/- per day for up to 12-week long course and @ Rs. 1,200/- per day for courses of longer duration). Ceiling on Book Allowance and Valedictory/ inaugural allowance is also fixed @ Rs. 5,000/- per participant and @ Rs. 300/- per participant respectively.

'Lump-sum' fees for online component if any, along with number of learning hours	N/A

3. Training Schedule: A simple thematic/ day-wise schedule (topics covered) may be attached.

Schedule will be prepared subsequently

Submitted by:
(sign and stamp of appropriate authority of the Institution)

A. Name of the Institute	**Environment Protection Training and Research Institute (EPTRI) Hyderabad, Telangana, India**
B. Name/Title of the Course	**Environment Impact Assessment (EIA) – Development Projects**
C. Course Dates with Duration in Weeks	From 26th June – 09th July, 2024 In weeks: Two (2) weeks
D. Eligibility Criteria for Participants 1. Educational Qualifications 2. Work Experience 3. Age Limit 4.Target Group	 • Bachelor's Degree in Engineering / Science / Social Sciences • Minimum 2 years in relevant area • 25-45 years • Junior to Senior Level Government officials, Professional and Academicians involved in managing Environment for Development including the preparation of EIA & EMP Reports.
E. Aims & Objectives of the Course	Environmental planning, including assessment of environmental impact of development projects has been made mandatory in developing countries. This EIA training is designed to introduce the concept, history, outlines and methodology adopted, placing it within the framework of sustainable development and exposing the trainees to some of the case studies in the field.
F. Course Contents / Syllabus	Course content overleaf
G. Mode of Evaluation of performance of the participants	1.During the course, questions will be posed to the participants. 2.Project work will be facilitated; they will do the project work and make presentation which will help to evaluate the performance of the participants. 3.Participants will make presentation on existing and future plans of action in their respective organizations. This exercise will provide a chance to the participants to think through what they have learnt and new ideas they can adopt.

<p style="text-align:center">Environment Impact Assessment – Development Projects</p>

Rationale for training on Environmental Impact Assessment (EIA):

Environmental planning, including the assessment of the environmental impact of development projects has been made mandatory in developing countries over a period of time. Keeping this in view, the EIA training programme is designed to introduce the concept of EIA, its history, outlines and methodology adopted in India, placing it within the framework of sustainable development.

Course outline:

1. **Introduction**
   i. Introduction of participants
   ii. Welcome statement – EPTRI
   iii. Participant's expectations
   iv. Introduction, overview and objectives of the Training Programme
   v. Tour of EPTRI

2. **Environment?**
   i. Definition of the term "Environment"
   ii. Different definitions of Environment
   iii. Scope of the term Environment including different elements that make up the environment
   iv. Importance of proper understanding of the term "Environment" to the conduct of satisfactory EIA
   v. Environment and development process – linkages and emerging issues
   vi. Overview of the environmental problems in India
   vii. Underlying causes of environmental degradation
   viii. Global environmental issues
   ix. Discussion
   x. Summary

3. **Introduction to EIA**
   i. Concept of EIA within the frameworks of sustainable development
   ii. History of EIA
   iii. Purpose and aims EIA's
      - Activity – Introduction to EIA
   iv. Nature and scope of environmental issues and impacts
   v. Principles of EIA administration and practice
   vi. Key elements of the EIA process
      - Activity – Introduction to EIA practice
   vii. Costs and benefits of EIA
   viii. Common misconceptions about EIA
   ix. Summary

4. **Law, Policy and Institutional Arrangements**
   i. Introduction
   ii. About EIA Systems
   iii. EIA Policy and Legislation - Linkage between EIA and International Conventions
      - Activity – EIA Systems, Policy and Legislation
   iv. EIA in International and National Development Institutions
   v. EIA Policy and Legislation in India
   vi. Principles for a Functional EIA System
      - Assignment – Legal Requirements for EIA
      - Activity – Localisation of EIA Legislation

5. **Stakeholder Involvement**
    i.   Introduction
    ii.   What is public involvement?
    iii.   Stakeholders' involvement
    iv.   Principles of public involvement
           -     Activity – Public Involvement Principles
    v.   Scope of involvement
    vi.   Planning a public involvement programme
    vii.   Public involvement techniques
           -     Activity – Public Involvement Practice
    viii. Arguments for and against public involvement
    ix.   Summary

6. **Screening**
    i.   Introduction
    ii.   Screening Procedure
    iii.   Project lists for screening
    iv.   Preliminary EIA
           -     Activity – Screening Basics
    v.   Other types of Screening
    vi.   Criteria for determination of the need for, and level of EIA
           -     Activity – Screening Exercise
    vii.   Summary

7. **Scoping**
    i.   Introduction
    ii.   Purpose of Scoping
    iii.   Approaches to Scoping
    iv.   Scoping Methods
           -     Activity – Scoping Basics
    v.   Alternatives and Tiering
           -     Activity – Scoping in Practice
    vi.   EIA Terms of Reference
           -     Assignment – Alternative Study
    vii.   Summary

8. **Impact Analysis/Assessment**
    i.   Implications of the widening environment and sustainability agenda
    ii.   Impact Identification
    iii.   Impact Analysis/Prediction
           -     Activity – Impact Analysis Basics
    iv.   Characteristics of Environmental Impacts
           -     Activity – Impact Characterisation
    v.   Social Impact Assessment (SIA)
    vi.   Evaluation of Impact Significance
    vii.   Significance Criteria
           -     Activity – Impact Significance Assessment
    viii. Summary

9. **Mitigation and Impact Management**
    i.   Link between EIA Process and Mitigation

  ii. Main Elements of Mitigation
   - Activity – Mitigation Basics
  iii. Approaches to Mitigation
   - Activity – Mitigation of Specific Impacts
  iv. Environmental Management Plan (EMP) and Mitigation Measures
   - Assignment – Impact Assessment and Mitigation
  v. Summary and Conclusions

10. Functional Areas their impacts, Mitigation and Management
  i. Land Use
  ii. Meteorology
  iii. Air Pollution Monitoring, Prevention and Control
  iv. Air Quality Modelling and Prediction
  v. Water Pollution Monitoring, Prevention and Control
  vi. Ecology and Bio-diversity
  vii. Noise and Vibrations
  viii. Socio-Economic
  ix. Hydrology, Groundwater and Water Conservation and Geology
  x. Soil Conservation
  xi. Risk Assessment and Hazard Management
  xii. Solid and Hazardous Waste Management

11. EIA Reporting
  i. What is an EIA Report?
  ii. Typical Elements of an EIA Report
   - Activity – Basics of EIA Reporting
  iii. Shortcomings/Deficiencies Encountered in Preparing EIA Reports
  iv. Guidelines for Effective EIA Report Preparation and Production
   - Activity – The Non-Technical Summary/Executive Summary
   - Activity - EIA Reporting Practice

12. Review of EIA Quality
  i. Role and Purpose of EIA Review Process
  ii. Need for a Systematic Approach
  iii. Procedural Aspects
  iv. Main Steps in the EIA Review
   - Activity – EIA Quality Basics
  v. Carrying out the Review
   - Activity – EIA Report Quality Assessment Exercise
  vi. Procedures for Evaluating EIA Reports
   - Assignment – Essay
  vii. Summary

13. Decision-making
  i. Role of the Decision-makers
  ii. EIA as a part of the Decision-making Process
   - Activity – Decision-making Procedural Considerations
  iii. Responsibility of the Decision-makers
  iv. Summary

14. Implementation and Follow-up
  i. Key Objectives of EIA implementation and follow-up
  ii. Tools for Environmental Management and Performance Review
  iii. Monitoring

- Activity – Implementation Management Planning
iv. Post Project Monitoring
v. Environmental Auditing
- Activity – EMP and Audit Programme
vi. Evaluation of EIA Effectiveness and Performance
vii. Summary
15. **Sustainable Development Goals (SDG's)**
16. **Design Thinking for Social Impact**
17. **Wrap-up and disbursal of participant**