



NATIONAL MINIMUM TRAINING PROGRAMME ON COMPLIANCE, MONITORING AND ENFORCEMENT

(February 1-29, 2012)

1/2/2012: Day 1, Wednesday		
10:30 am – 11:00 am	Registration	
Time	Topics	Speakers
	11:00 am– 11:15 am Tea	
11:15 am – 12:00 pm	About Regulatory Training Programme	Nivit Kumar Yadav Deputy Programme Manager, Centre for Science and Environment (CSE)
12:00 pm – 1:30 pm	Interaction with participants about their expectation of this course	Dr B Sengupta, Former Member Secretary, Central Pollution Control Board (CPCB) Nivit Kumar Yadav Deputy Programme Manager, CSE
	1:30 pm– 2:30 pm Lunch	
2:30 pm – 3:30 pm	About CSE	Aditya Batra, Programme Director, CSE
	3:30 pm – 3:45 pm Tea	
3:45 pm – 4:45 pm	Source of Life	Movie
4:45 pm – 5:30 pm	Library Visit	Kiran, CSE
2/2/2012: Day 2, Thursday		
10:00 am – 11:30 am	Key provisions of Water Act, landmark judgments, success stories and problems associated with Water Act	Dr D D Basu, Additional Director, CPCB
	11:30 am – 11:50 am Tea	
11:50 am – 1:30 pm	Key provisions of Air Act, landmark judgments, success stories and problems associated with Air Act	Dr B Sengupta, Former Member Secretary, CPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 3:30 pm	Evidence collection and legal sample collection under Air and Water Act	Ishwar Singh, Consultant (Law), Ministry of Environment and Forests (MoEF)
	3:30 pm– 3:50 pm Tea	
3:50 pm – 5:00 pm	Protocol for prosecution under Air and water Act – Case studies on recent court judgment	Ishwar Singh, Consultant (Law), MoEF
3/2/2012: Day 3, Friday		
10:00 am – 11:30 am	Environment Protection Act - 1986, Various rules under EP Act, Implementation of EP Act 1986 through various agencies	Dr. Abraham P. Meachinkara, Advocate, Kerala High Court and Guest Faculty, Cochin University of Science and Technology
	11:30 am – 11:50 am Tea	
11:50 am – 1:30 pm	EP Rules – Hazardous Waste Management, key objectives and provisions	Dr B Sengupta, Former Member Secretary, CPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 3:30 pm	Issues related with filing of affidavits in courts on pollution issues including class exercise on how to write affidavits	Dr. Abraham P. Meachinkara, Advocate, Kerala High Court and Guest Faculty, Cochin University of Science and Technology
	3:30 pm – 3:50 pm Tea	

3:50 pm – 5:00 pm	Key landmark judgment and various environmental principles enunciated by the Supreme Court	Ritwick Dutta, Advocate, EIA Resource and Response Centre
4/2/2012: Day 4, Saturday		
10:00 am – 11:30 am	National Green tribunal <ul style="list-style-type: none"> • Key provisions • Comparative analysis with international Green benches/tribunals 	Dr. Abraham P. Meachinkara, Advocate, Kerala High Court and Guest Faculty, Cochin University of Science and Technology
	11:30 am – 11:50 am Tea	
11:50 am – 1:30 pm	Ambient Air Quality – Rationale for fixing the standards and procedure followed	Dr B Sengupta, Former Member Secretary, CPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 5:00 pm	Class exercise: How to draft show cause notice?	Shipla Chauhan, Advocate, Partner, Indian Environment Law Offices
5/2/2012: Day 5, Sunday		
6/2/2012: Day 6, Monday		
10:00 am – 11:30 am	How to prepare for inspection?	M D M Simha, Chief Environmental Officer, Karnataka State Pollution Control Board (KSPCB)
	11:30 am – 11:45 am Tea	
11:50 am – 1:30 pm	How to review consent application?	M D M Simha, Chief Environmental Officer, KSPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 5:00 pm	Source Monitoring <ul style="list-style-type: none"> • Methodology • Regulation Aspects • Particulate matter and gaseous pollutant • QA/QC 	Abhijit Patak and P. Krishna Murthy, Scientist, CPCB
7/2/2012: Day 7, Tuesday		
10:00 am – 11:30 am	Water quality monitoring – techniques and use of modern technologies (GIS/GPS) for pollution monitoring	Dr R M Bharadwaj, Scientist 'D', Pollution, Assessment, Monitoring and Survey, CPCB
	11:30 am – 11:50 am Tea	
11:50 am – 1:30 pm	Protocol for designing network for monitoring and assessment of ground and surface water	Dr R C Trivedi, Former Additional Director, CPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 6:00 pm	Field visit: River water quality monitoring at Wazirabad, River Yamuna	Dr R C Trivedi, Former Additional Director, CPCB
8/2/2012: Day 8, Wednesday		
10:00 am – 12:30 pm	Ambient air quality <ul style="list-style-type: none"> • Network design • Meteorology 	Dr Rajender Prasad, Chief Executive, Ecotech Instruments
	12:30 am – 1:30 pm Lunch	
1:30 pm – 5:00 pm	Field Visit: Ambient air quality monitoring for PM ₁₀ , PM 2.5, SO ₂ , NO _x and Ozone	
9/2/2012: Day 9, Thursday		
10:00 am – 11:30 am	E-Waste – Management, Applicable law and Best practices	Satish Sinha, Associate Director, Toxics Link
	11:30 am – 11:45 am Tea	

11:45 am – 1:30 pm	Biomedical waste – Management, Applicable Law and Best practices	Anu Agarwal, Consultant, Toxics Link
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 5:00 pm	Field Visit: Bio-medical waste management at Fortis Hospital	CSE
10/2/2012: Day 10, Friday		
9:00 am – 3:00 pm	Field Visit: SambRamky Biomedical Waste Facility at Ghaziabad	
11/2/2012: Day 11, Saturday		
12/2/2012: Day 12, Sunday		
13/2/2012: Day 13, Monday		
10:00 am – 12:30 pm	Mining <ul style="list-style-type: none"> • Institutional Framework • Applicable laws • Environmental and social challenges and Environment Management Plan 	Nivit Kumar Yadav, Deputy Programme Manager, CSE
12:30 pm – 1:30 pm	Environment Impact Assessment Process and public consultation	Sugandh Juneja, Programme Officer, CSE
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 4:00 pm	Class exercise: Review of EIA/EMP Report	Nivit Kumar Yadav, CSE
	4: 00 pm – 4:15 pm Tea	
4:15 pm – 5:00 pm	Class Exercise: <ul style="list-style-type: none"> • Analysis of EMP • Preparation of Consent to establish and consent to operate 	Nivit Kumar Yadav, CSE
5:00 pm – 5:45 pm	Presentation by participants	
14/2/2012: Day 14, Tuesday		
10:00 am – 11:30 am	Thermal Power Plant – Pollution, pollution, control and prevention and clean coal Technology	Dr B Sengupta, Former Member Secretary, CPCB
	11:30 am – 11:45 am Tea	
11:45 am – 12:30 pm	How to inspect a thermal power plant?	Dr B Sengupta, Former Member Secretary, CPCB
	12:30 pm – 1:30 pm Lunch	
1:30 pm – 5:00 pm	Field Visit: NTPC Thermal Power Plant, Badarpur	
15/2/2012: Day 15 Wednesday		
10:00 am – 11:30 am	GIS and RS <ul style="list-style-type: none"> • Basic concepts • Interpretation of GIS and RS data • Application of GIS/RS in environmental planning and management 	Rahul Singh and Nandini, GreenC
	11:30 am – 11:45 am Tea	
11:45 am – 1:30 pm	<ul style="list-style-type: none"> • Case studies with reference to mining projects, hydro project, SEZ, industrial projects • Class exercise on how to operate GPS 	Rahul Singh and Nandini, GreenC
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 3:45 pm	Performance Evaluation of Air pollution control equipments with reference to cyclone, and ESP and Baghouse	Dr H B Mathur Prof, IIT Delhi (Rtd) and Distinguished Fellow, CSE
	3:45 pm – 4: 00 pm Tea	

4:00 pm – 5:00 pm	Iron and Steel – Pollution, pollution control and prevention	Umashankar, Coordinator, CSE
16-19, February, 2012, Visit to Rajasthan		
20/2/2012: Day 20, Monday		
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 4:00 pm	Nuclear Thermal Power Plant: Technologies and environmental issues	Dr H B Mathur, Prof IIT Delhi (Rtd) and Distinguished Fellow, CSE
21/2/2012: Day 21, Tuesday Visit to CPCB		
10:30 am – 11:45 am	Role and Function of CPCB	Dr D Saha, Senior Scientist, CPCB
	11:45 am – 12:00 pm Tea	
12:00 pm – 1:15 pm	Ambient air quality monitoring – Protocol and Standards	Dr D Saha, Senior Scientist, CPCB
	1:15 pm – 2:30 pm Lunch	
2:30 pm – 5:00 pm	Lab Visit	A Pathak and N Sathan, Scientist, CPCB
22/2/2012: Day 22, Wednesday Visit to CPCB		
10:30 am – 11:45 am	Quality assurance and quality control in laboratory	Dr Saha, Senior Scientist, CPCB
	11:45 am – 12:00 pm Tea	
12:00 pm – 1:15 pm	Quality system in laboratory with special reference to ISO 17025	Dr Saha, Senior Scientist, CPCB
	1:15 pm – 2:30 pm Lunch	
2:30 pm – 4:00 pm	Field Visit: Visit to Ambient air Quality Monitoring Station at ITO	D C Jakhwal and R. C. Srivastava, Scientist, CPCB
23/2/2012: Day 23, Thursday		
10:00 am – 11:30 am	Real Time Noise monitoring	Vishal Gandhi, Scientist B, CPCB
	11:30 am – 11:45 am Tea	
11:45 am – 1:00 pm	Procedure to investigate public comments related to noise pollution	D C Jakhwal, Scientist B, CPCB
1:00 pm – 1:30 pm	Class Exercise: How to monitor ambient noise level and noise level monitoring in DG sets?	D C Jakhwal, Scientist B, CPCB
	1:30 pm – 2:30 pm Lunch	
2:30 pm – 4:00 pm	Available Treatment technologies for CETPs including advance technologies	Nazimuddin, Environmental Engineer, CPCB
	4:00 pm – 4:15 pm Tea	
4:15 pm – 5:00 pm	Protocol for inspection and monitoring of CETP	Nazimuddin, Environmental Engineer, CPCB
24/2/2012: Day 24, Friday and 25/2/2012: Day 25, Saturday		
CONFERENCE: Anil Agarwal Dialogue on Green Clearance		

