

HUMAN RESOURCE DEVELOPMENT

Introduction

Training is an important component for Human Resource Development of any organisation. In the area of pollution control, which is an interdisciplinary subject, imparting training is an imperative activity. Environmental awareness among the public and updating the current knowledge to the officers working in the State Pollution Control Board are essential steps to have sound environmental management. Training in various aspects of prevention, abatement and control of pollution to the identified target groups is important.

Pollution control is an inter-disciplinary subject. Most officials working in the State Pollution Control Boards normally do not have any formal training in the field of prevention, abatement and control of pollution. When appointed in Pollution Control Boards, they face a gigantic task before them. Therefore, it is necessary to have them trained and oriented for discharging their

responsibilities smoothly and efficiently in areas, such as consent management, and implementation of effluent and emission standards. In addition, there is a need to improve the capabilities of persons already working with Pollution Control Boards. It is necessary that uniform methods of analysis of pollutants, consent granting and other activities are adopted and ensured through training for carrying their duties effectively.

Training at the WBPCB during 2005-2006

The WBPCB workforce comprises of scientists, engineers, legal professionals, researchers and capable support staff. The current workforce of the Boards is 260. The staff strength of the Board during the year 2005-2006 is given in *Annexure VIII*. The details of the different training programmes and workshops attended by the WBPCB officials during 2005-2006 is given in Table 2.11.1.

TABLE: 2.12.1
TRAINING PROGRAMMES FOR THE WBPCB OFFICIALS DURING 2005-2006

Sl. No.	Name & Designation	Course Title	Organisation	Time Period	Venue
1.	Dr. T. K. Gupta Senior Environmental Engineer	Workshop on Half Day Project Initiation	Winrock International India	21.04.2005	New Delhi
2.	Smt. Sarmistha Kundu Environmental Engineer	Workshop on Chemical Waste Incineration	Central Pollution Control Board	28.04.2005 to 29.04.2005	Delhi
3.	Shri Arup Kumar Dey Assistant Environmental Engineer	Workshop on Chemical Waste Incineration	Central Pollution Control Board	28.04.2005 to 29.04.2005	Delhi
4.	Shri S. K. Roy Senior Personnel Manager & Deputy Secretary	Discipline & Disciplinary Procedure	State Productivity Council, West Bengal	27.07.2005 to 28.07.2005	Kolkata
5.	Smt. Gita Ghosh Administrative Officer II	Discipline & Disciplinary Procedure	State Productivity Council, West Bengal	27.07.2005 to 28.07.2005	Kolkata
6.	Shri P. K. Roy Senior Environmental Engineer	Seminar on clean & save automobile	Society of Indian Automobile Manufacturers	04.08.2005	Delhi
7.	Dr. Ananda Banerjee Junior Scientist	Aquatic Eco-system – Function and performance, effect of pollution, prevention & protection for improvement	Patna University	06.08.2005 to 10.08.2005	Patna
8.	Shri Subhankar Nag Assistant Environmental Engineer	Assessment of Dump sites and preparation of rehabilitation plans	Central Pollution Control Board	11.08.2005 to 12.08.2005	Delhi
9.	Dr. T. K. Gupta Senior Environmental Engineer	Strategic Environmental Assessment as a tool for mainstreaming environment in India	ASCI	16.08.2005 to 18.08.2005	Hyderabad
10.	Shri Arup Guchhait Information Officer	Library, Information Management and Documentation	Centre for Science & Environment	23.08.2005 to 26.08.2005	New Delhi
11.	Shri S. Bhattacharjee Assistant Environmental Engineer	Latest Air Planning. Central Technologies – its performance, evaluation	National Productivity Council	29.08.2005 to 02.09.2005	Chennai
12.	Shri Arup Kumar Dey Assistant Environmental Engineer	Environmental statement including waste minimization, Environmental Auditing, Management System in Pesticides Industries	Central Pollution Control Board	06.09.2005 to 08.09.2005	Vadodara
13.	Smt. Soumya Chakraborty Environmental Analyst	Lake management & restoration of lake water quality	Bharat Heavy Electricals Limited	26.09.2005 to 30.09.2005	Haridwar
14.	Shri P. K. Barai Scientist	Pesticide and PAH	Industrial Toxicology Research Centre	18.10.2005 to 22.10.2005	Lucknow

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15.	Shri Kalyanesh Bhattacharjee Assistant Environmental Engineer	Disaster management	Disaster Management Institute	17.10.2005 to 21.10.2005	Bhopal
16.	Smt. Supriti Guha Environmental Engineer	Management of Hazardous Chemical/Hazon/Hazop, Risk Analysis	HRD Foundation	10.11.2005 to 11.11.2005	Jaipur
17.	Shri Anindya Dasgupta Assistant Environmental Engineer	All India Professional Development Programme on Selecting Design, Operation and Maintenance of Air Pollution Control Equipment	Engineering Staff College of India, Hyderabad	15.11.2005 to 18.11.2005	Hyderabad
18.	Dr. Debashis Chakraborty Scientist	XII International Rainwater Catchment System Conference 2005	Action for Food Production	15.11.2005 to 8.11.2005	New Delhi
19.	Shri S. Debnath Junior Scientist	Health impacts of air pollution	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
20.	Smt. Dipanjana Moulick Environmental Engineer	Health impact of air pollution	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
21.	Dr. Bithika Goswami Assistant Environmental Engineer	Air Pollution & Health Impact	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
22.	Smt. Mousumi Saha Assistant Environmental Engineer	Air Pollution & Health Impact	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
23.	Shri Subrata Roy Junior Scientist	Air Pollution & Health Impact	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
24.	Shri Subhankar Debnath Junior Scientist	Air Pollution & Health Impact	Chittaranjan National Cancer Institute	24.11.2005 to 26.11.2005	Kolkata
25.	Shri Arindam Chattapadhyay Laboratory Assistant	Analytical Method for Water & Waste Water	Indian Institute of Technology, Chennai	28.11.2005 to 02.12.2005	Chennai
26.	Shri Arupananda Karmakar Laboratory Assistant	Analytical Method for Water and Waste Water	Indian Institute of Technology, Chennai	28.11.2005 to 02.12.2005	Chennai
27.	Shri Prasun Kumar Mondal Assistant Environmental Engineer	Clean Technologies and Waste Minimization for prevention of Industrial Pollution (SPC - 4)	Punjab State Council for Science & Technology	19.12.2005 to 23.12.2005	Chandigarh
28.	Shri Goutam Paul Assistant Environmental Engineer	Municipal Solid Waste Management.	National Environmental Engineering Research Institute	26.12.2005 to 30.12.2005	Nagpur
29.	Shri Arun Das Assistant Environmental Engineer	Operation & Management of Waste Water Treatment System (SPC - 3)	Engineering Staff College of India, Hyderabad	03.01.2006 to 07.01.2006	Hyderabad

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Sl. No.	Name & Designation	Course Title	Organisation	Time Period	Venue
30.	Shri Debanjan Gupta Scientist	Operation & Management of Waste Water Treatment System (SPC - 3)	Engineering Staff College of India	03.01.2006 to 07.01.2006	Hyderabad
31.	Shri Debashis Sarkar Environmental Engineer	Operation & Management of Waste Water Treatment System (SPC - 3)	Engineering Staff College of India	03.01.2006 to 07.01.2006	Hyderabad
32.	Shri Prasun Kumar Mondal Assistant Environmental Engineer	Operation & Management of Waste Water Treatment System (SPC - 3)	Engineering Staff College of India	03.01.2006 to 07.01.2006	Hyderabad
33.	Shri Tapan Kumar Biswas Environmental Engineer	Operation & Management of Waste Water Treatment System (SPC - 3)	Engineering Staff College of India	03.01.2006 to 07.01.2006	Hyderabad
34.	Shri Sudip Barua Assistant Environmental Engineer	Environmental Data Interpretation, Compilation, analysis, Presentation and Reporting	Indian Statistical Institute	30.01.2006 to 03.02.2006	New Delhi
35.	Shri Somnath Narayan Environmental Engineer	Neutral Network and Genetic Algorithm in Materials Science & Energy Science	Bengal Science & Engineering University	11.01.2006 to 13.01.2006	Howrah
36.	Shri Somesh Chandra Sarkar Environmental Analyst	Environmental Data Interpretation, Compilation, analysis, Presentation and Reporting	Indian Statistical Institute	30.01.2006 to 03.02.2006	New Delhi
37.	Smt. Barna Majumder Assistant Environmental Engineer	Sustainable development and wildlife crime in India (under India-United Kingdom Sustainable Development Pact signed in October 2005)	Department of Environment, Food & Rural Affairs (DEFRA), Government of United Kingdom & University of Wales, United Kingdom	31.01.2006 to 01.02.2006	New Delhi
38.	Smt. Barna Majumder Assistant Environmental Engineer	Electronic and plastic waste management	The Energy & Resources Institute and Central Pollution Control Board	13.02.2006 to 15.02.2006	Bangalore
39.	Smt. Supriti Guha Environmental Engineer	Assessment and remediation of illegal dump sites	Central Pollution Control Board and GTZ-India	06.03.2006 to 10.03.2006	Bangalore
40.	Shri S. K. Khamrui Finance & Accounts Manager (Finance)	Financial Management & Accounting for Urban Infrastructure Projects	Engineering Staff College of India	08.03.2006 to 10.03.2006	Hyderabad