

# ACADEMY OF WATER TECHNOLOGY AND ENVIRON MANAGEMENT



*Building Nation and it's Natural Resources through innovative water and wastewater treatment technology with efficient energy and environment management practices*

*An initiative for providing Education, Training and Consulting services for development of skills and knowledge base in Water and Environment sectors at Industrial, Urban and Rural Sectors*

*We at Academy of Water Technology and Environ Management are the leading resources for any type of Water, Wastewater, Energy and Environmental related solutions leading to sustainable practices. We have a team of highly qualified Scientists, Engineers and Technologists having wide and versatile experience in the field of Water, Energy and Environment.*

*Our main initiative include imparting education, training, consulting/advisory services, partnership/collaboration and organising seminar/workshop with the objectives of skills development, awareness spreading and information dissemination related to design/selection of appropriate technology for betterment of industry, society and mankind as a whole.*

***Vision :*** *To build up skills and knowledge-base for achieving enhance system efficiency with reduction of Operation and maintenance cost thorough energy minimization with better water and environment management Practices.*

***Mission :*** *Optimum utilization of water and environmental resources to maintain nature's dynamic equilibrium that will lead to ecological as well as social sustainability.*

***Areas of interest:*** *Drinking Water Treatment (WTP), Community based Drinking Water Treatment at Rural Levels with Arsenic, Fluoride, Iron and TDS removal technology; Community Based Sewage Treatment, Solar Based Drinking Water Treatment , Boiler and Cooling Water Treatment, Wastewater Treatment (ETP, STP); Partnership; Bio-fertilizer from Municipal/Domestic Solid Waste; Collaborative Research; CSR Activities; Energy and Waste Minimization with Optimization of Resources*

*Premier Provider of sustainable solution to Water, Energy and Environment*

## *Training, Advisory and Consulting Services*

*We design and organize Training and Educational program in area of water ,energy and environment for 1 day, 2 days, 3 days, 5 days upto 15 days basis depending on customer/client needs. The sectors covered by us:*

**Industry Sectors:** *Steel and Power Sector Industries; Chemical process industries, Refineries and Petrochemicals Food and Beverages; Dairies; Textile and Dyeing , Distilleries; Pulp and Paper;; Metals and Mineral Processing, Pharmaceuticals etc.*



**Water Treatment- Industrial and Municipal Applications for Drinking Purpose**

**Water Chemistry, Water Quality Analysis; Water Quality Standards- Basics & Fundamentals**



**Boiler Water Treatment Fundamentals- Pre and Post Operations, Prevention of Scale, Corrosion and Tube Failure**



**Cooling Water Treatment Fundamentals-Problems, Monitoring and Control  
Analysis of Raw Water, Boiler Water and Cooling Water**

*Premier Provider of sustainable solution to Water, Energy and Environment*





## Wastewater Management-Industrial and Municipal Applications



**Municipal and Urban Sectors:** For Drinking Water Treatment; Sewage Treatment; Solid Waste Management; Rain Water Harvesting, Grey Water Treatment, Waste Utilization etc

**Rural Sectors:** Drinking Water Supply; Arsenic, Iron and Flouride Removal Plant; RO Plant for Domestic and Community based Drinking water Supply; Community Based Sewage Treatment Plant, Solid waste management for recycle and reuse; Utilization of Biomass as renewable energy source

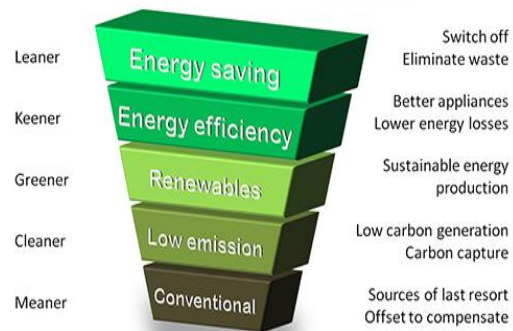


**Educational Institutes:** Professional Skills and Knowledge build up for students with science, engineering and technical background at supervisor and operator/technician level leading to employment opportunities for the young generation in the emerging sectors of Water, Energy and Environment.

*Premier Provider of sustainable solution to Water, Energy and Environment*



## Energy & Environment Management



- Energy Management System Training (ISO-50001:2011)
- Energy Efficiency Improvement Studies
- Biomass Energy Implementation
- Environment Management Systems Training (ISO-14001:2004)
- Environmental Clearance Facilitation
- Environmental Performance Evaluation Studies for ETP and STP
- Environmental Audit (in terms of ISO-14001:2004)
- Waste Management and it's Utilization

## Other Activities

*Premier Provider of sustainable solution to Water, Energy and Environment*

**Our other activities which we considered to be strategically important for the protection of water and environmental resources include:**

- **Feasibility studies and augmentation work- for Water Treatment Plant; Cooling Water Treatment; Boiler water Treatment, Effluent Treatment Plant, Sewage treatment Plant to understand the plant conditions with respect to existing monitoring and control practices.**
- **Advisory and Consulting Services for any type water, energy and environmental services for existing and new project, expansion plan etc**
- **Water Audit for understanding water usage pattern, water balancing, future scope of improvement with respect to recycle and reuse leading to zero liquid discharge.**
- **Environment, Health and Safety Management- Training, Safety audit**
- **Seminar/ Workshop/Awareness organization, information dissemination activities on water, Wastewater energy and environment management for skill development; knowledge build up, technology selection at industry, Urban and Rural level**
- **Performance Evaluation Studies**
- **Environmental Audit**

***References:***

*Academy of Water and Environ Management and it's associates have experience of conducting Educational and Training Program; Seminar and Awareness Program; Advisory /Consulting Services with various National and International Bodies like MOEF; PCBs, PHED; NEEERJ; Ministry of Power; GTZ; ICC, BNCCI; IICHE, IEI, UNDP, UNIDO, UNICEF, World Bank, ADB and organizations like DVC, NTPC, WBPDCL; SAIL; NPTI, NITTR; ONGC, NABARD, IOC, Tata Steel, Usha Martin Industris; Jindal Group, Kothari Processors, Cipla and many more..*

***For More Information Contact:***

*Dr Ashim Kumar Bhattacharya; PhD; FICCE*

*Founder and Executive Director*

*Academy of Water Technology and Environ Management; 127; Ho Chi Min Sarani; Kolkata- 700 008;*

*Mob.09831542372*

*E-mail: drashimk,awtem@gmail.com; [ashimk.bhattacharya@gmail.com](mailto:ashimk.bhattacharya@gmail.com)*

*Premier Provider of sustainable solution to Water, Energy and Environment*