

WTP  
2020

*Online Virtual Training on WTP*

# How to get the best out your Water Treatment Plants and processes?

for  
Industrial & Process Applications

Course Director:  
**Mr. S. Banerjee**

**| Online | 4 Hours**



## Water Treatment Plant Performance Intelligence Series for Utility Personals

**VALUE FOR MONEY • IMPROVE PERFORMANCE • REDUCE OPEX & CAPEX.**

**Juschem Solutions** understands that in current pandemic & economic climate, getting an excellent Operational excellence and reduction in OPEX and CAPEX is critical and essential for all of you.

**Online Training Solutions, let's make your assets safe & better!**

### Four Hours Online Training Agenda:

- Sources of Water & Impurities in Water
- Effect of Impurities in water and their method of removal
- Aeration
- Coagulation & Flocculation chemistry and devices
- The factors that influence sedimentation
- Types of Clarifiers
- Coagulation Chemicals (Coagulants)
- Filtration, Process, media and operations Important points on Filter
- Disinfection Processes
- Chlorination, Chlorine Calculation in water treatment
- De Mineralizer Plant
- Troubleshooting of Water Treatment Plant (Clarifier, Filers and Dm Plant)
- Brief Best Practices Reverse Osmosis Plant

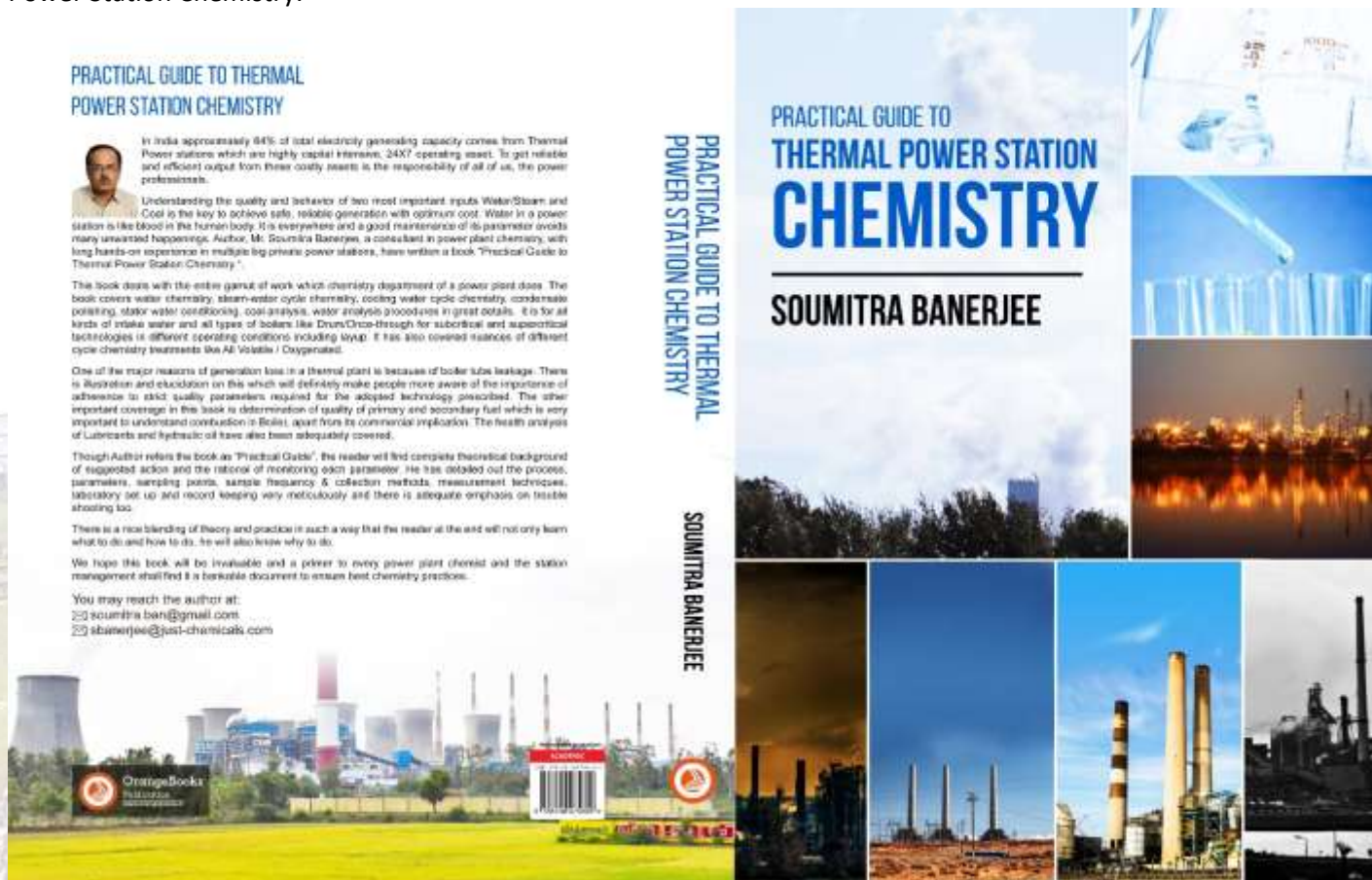
### Training Benefits:

- Creation of highly-qualified and highly-trained technical and professional staff
- Development of leadership and supervisory skills in new and current staff

“How to get the best out of your water treatment plant and processes” is an intensive four hours professional water treatment training course developed by the industrial and process water and waste water specialists. The course is designed for water treatment professionals including engineers, plant operators, environmental and process specialists, facilities managers, maintenance and engineering contractors, and those with responsibility for the operation and management of industrial and process water systems.

## Course Director: Mr. S. Banerjee

He is a seasoned power plant chemistry and wastewater treatment professional with in-hand experience of about 3 decades. He has worked with India's Pioneer Water Treatment Company and with Giant Private Power Generators in India viz. Tata Power, Adani Power, Jindal Power, LPGCL as HOD Power Station Chemistry and Environment. He has both experiences of sub critical and super critical power plants, commissioning-O&M and troubleshooting of water treatment plants, boiler water, cooling water, stator water and waste water. He was also associated with a reputed Institute of Power Technology as a faculty on Water treatment and Power Plant Chemistry. He has presented many papers on water treatment, power plant chemistry and water management in national seminars and magazines and also authored first of its own kind book on entire gamut of power station chemistry "Practical Guide to Thermal Power Station Chemistry.



## What are the objectives of the program?

The objectives of this Online Program include: The recognition of water facility operators and the important role they play in their plants.

## Why should one take the Water Treatment Training program?

The training under the Water Treatment Program provides water system operators, supervisors and managers, specific job training. Training is important to ensure that the competencies of our people is improved and ultimately should result in savings in OPEX and CAPEX. Candidates will gain a thorough understanding of the problems associated with the treatment of industrial waters and will develop the skills to design, implement and manage cost effective treatment programmes. Candidates will learn how to interpret the results so as to effectively monitor, control and manage the treatment of important water and wastewater parameters. Additionally, candidates will develop the skills to conduct basic fault-finding and prepare cost effective solutions to common problems affecting common water and waste water treatment systems.

## Individual Competencies gained post training will be:

Demonstrate an understanding of the leading and lagging indicators of water treatment plants for the improvement of plant operational excellence, efficiency and effectiveness.