

### About the Trainer



Mr Yogen Parikh during his illustrious career has held many important positions including as First Director for US AEP project of US Government. He retired as Associate Director – Environmental Engineering from Jacobs Engineering India Pvt. Limited. He has a Chemical Engineering Degree from USA. Mr Parikh, a President of Indian Environmental Association, Past Chairman of Environment, Health and Safety Committee of Bombay Chamber of Commerce and Industry and member of many professional organizations. He has more than 40 years' experience in all areas of Environmental Engineering including Environmental Impact Assessments, Water & Wastewater Treatment, Solid Waste Management, Water Distribution & Sewage Collection Networks, Sewage Treatment, Hazardous Waste Management, Risk Assessments, Environmental Audits, etc. With his vast experience in design and engineering of Effluent Treatment Plants, Environmental Impact Assessment Studies as well as Environmental Audits & Due Diligence, he is considered as one of the leaders in environmental consultancy. He has successfully conducted 50 training programs and trained more than 500+ people across the world.

### Outline of Training Program

#### Process Design of WWTPs, ZLD Plants & Water Recycling

Day 1 – Thursday, 20 Aug'20	Day 2 – Friday, 21 Aug'20
<b>Introduction:-</b> Basic understanding of Wastewater treatment terminologies & definition of frequently used Terms	<b>Water Recycling:-</b> Pre-treatment, Chemical treatment unit (coagulation, flocculation and clarification), Sand filter/activated carbon filter/dual media filter, Microfiltration (MF)/Ultra filtration (UF), Reverse Osmosis (RO), Post-treatment
<b>Wastewater Treatment Design:-</b> Oil & Grease removal, Equalisation, Neutralisation, Coagulation, Flocculation and Clarification, Organic contaminant removal systems, Conventional activated sludge, Sequencing batch reactor (SBR), Moving bed bioreactor (MBBR), Membrane bioreactor (MBR), Rotating biological contactor (RBC), Up flow anaerobic sludge blanket (UASB), Engineered pond systems, Chemical treatment unit Inorganic contaminant removal systems, Element specific systems, Disinfection systems Chlorination, UV, Ozone, sludge management	<b>Case Studies:-</b> From different industries
	<b>Q&amp;A session with participants</b>