

Purify Your Business with Cleaner Production Technologies

**K.V.RAMAN
MANAGING DIRECTOR**



WHY WE EXIST

Helping create a livable planet!



WE SINCERELY HELP TO CREATE A LIVABLE EARTH > ALL OUR SOLUTIONS & PROJECTS ARE DESIGNED AND CENTRED AROUND REDUCING WATER & WASTE WATER FOOT PRINT, REDUCE ENERGY USAGE , CHEMICAL USAGE, SIMPLICITY, FLEXIBILITY, QUALITY, RELIABILITY, CONSISTENT PERFORMANCE AND LOW LIFE CYCLE COST TO OUR CUSTOMERS TO IMPROVE THEIR MANUFACTURING AND OPERATIONAL EFFICIENCY!

WE PUT OUR HEART & MIND TO WHATEVER WE DO SO THAT OUR CUSTOMERS CAN MEET THEIR OPERATIONAL AND SUSTAINABILITY GOALS.

WHAT WE DO

Provider of technology & expertise!

IONIC- ISO 9001/2015 certified company has been providing advanced and innovative water and waste water treatment technologies for Indian and Over Seas market since 2005. Whether it is drinking water, industrial process water or sewage water or Industrial waste water treatment, sea water desalination recycling, Minimum or zero liquid discharge we have the Right solutions and products to offer.



Research & Development!

IONIC has been constantly working on innovative and intelligent water and waste water solutions that will provide "Peace of Mind" to its customers. Ionic has process , design, engineering and equipment building team to develop new processes to treat water and waste water. Many unique solutions have already been implemented to treat water and waste after efficiently. Ionic R&D team does treatability and pilot studies on various waste water and process water to provide the right solutions to it's customers.



Our Technology Partners

Ionic closely works with many business and technology partners , OEMs . In order to provide best available technologies to customers we work with carefully selected technological global partners



WATER AND WASTE WATER SOLUTIONS

INDUSTRY VERTICALS

Ionic is dedicated to the design, supply, service and maintenance of water and wastewater treatment plant and equipment for the following industries



Automotive
Industries



Aerospace
Industries



Engineering
Industries



Chemical
Industries



Petrochemical
Industries



Agrochemicals
Industries



Power
Generation



Food &
Beverages



Electronics &
Semiconductors



Pharmaceutical &
Life Sciences



Cosmetics
Industries



Pulp &
Paper

Key customer benefits

- 33 years of Diverse industrial experience
- Extensive know how for water and waste water treatment
- Innovative Disruptive Technological solutions
- In-house design engineering and manufacturing capabilities
- Quality by Design concept
- Latest engineering and process design and modelling software
- IIoT enabled Industry 4.0 and Water 4.0 Ready Real Time remote monitoring, control and data logging
- Pre Engineered , Prefabricated design
- Reduced Water foot print
- Reduced Waste water foot print
- Reduced Chemical foot print
- Reduced Energy foot print
- Lower life cycle cost
- Smaller foot print
- Easy to maintain
- Undivided equipment and Performance warranty and guarantee

Technologies for Water & Waste Water

- ❖ Circular & Lamella Inclined Plate clarifiers
- ❖ Various type of conventional and non conventional filtration systems
- ❖ Turbiloc filtration systems
- ❖ Specific contaminants removal absorbers lead/arsenic/iron/manganese/fluroide/silica/phosphates, chromium/organics
- ❖ Ion exchange water softeners
- ❖ Ion exchange dealkaliser
- ❖ Ion exchange demineralisers
- ❖ Continuous Electro Deionisation system
- ❖ Sea water desalination systems
- ❖ Brackish water desalination systems
- ❖ Micro filtration systems
- ❖ Ultra filtration system
- ❖ Nano filtration system
- ❖ Reverse osmosis systems
- ❖ Capacitive electro desalination system
- ❖ Electro chemical desalination systems
- ❖ Chlorination systems
- ❖ Chlorine dioxide system
- ❖ Ultraviolet disinfection system
- ❖ Bactaloc quantum disinfection system
- ❖ Degasser system

- ❖ Traditional Physio-Chemical treatment systems
- ❖ Automatic bar screens
- ❖ Rotating drum screens
- ❖ Oil water separators
- ❖ Oil & Grease skimmers
- ❖ Hydrocarbon filters
- ❖ Primary treatment systems
- ❖ Secondary Aerobic and Anaerobic treatment systems
- ❖ Tertiary polishing systems
- ❖ Heavy Metal removal system
- ❖ Sewage treatment systems
- ❖ Catalytic Advanced Oxidation system
- ❖ Photo Chemical Advanced Oxidation system
- ❖ Electro Chemical Advanced Oxidation system
- ❖ Cyanide removal system
- ❖ Ammonia removal system
- ❖ Multiple Effect Evaporators
- ❖ Mechanical Vapour Compression evaporators
- ❖ Eutectic Freeze Crystallizers
- ❖ Sludge dewatering systems

Industrial Water Treatment



Process Water Treatment System



Fully Automatic Pre-treatment System
For Process Water Generation System



TUBULAR MEMBRANE FILTRATION SYSTEM



Dual Stream Automatic
Quick Cycle DM plant



Process Water Treatment System



Industrial waste water treatment



Minimum and Zero Liquid Discharge



Thank you



We Treat Water - "Differently"

IONIC

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