

# AGT INFRA





**A Trusted partner of your waste water Treatment Project**

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# ABOUT US

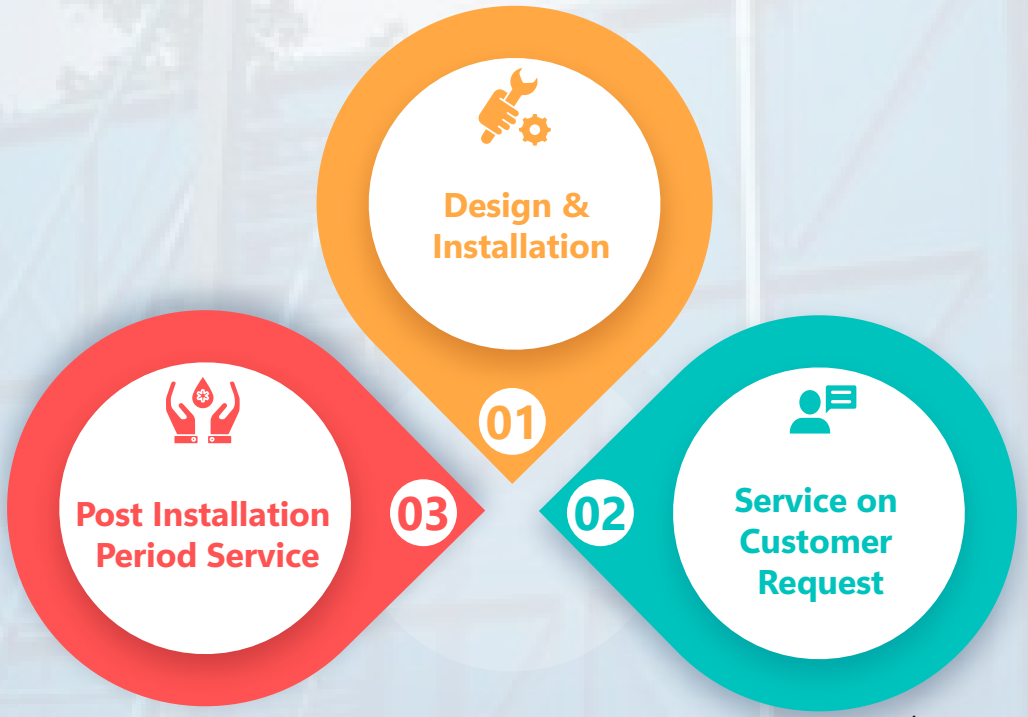
Founded in the year 2011, We AGT Infra a complete water sustainability company. We are a leading Manufacturer and Exporter of world class Sewage Treatment Plant, Water Recycling System and much more. We are committed to continuous research and development, improvising existing effluent treatment plants and identifying synergies between various treatment technologies. The plants and systems provided by us are manufactured as per the global set standards from the finest quality components and the latest machines. These plants and systems are highly applauded due to their reliable usage, Hassle free functioning, Rigid design, low maintenance cost and long working life.

- Specialists in water and Waste water treatment for over a decade, We offer total water solutions for every market household, Institutional, Commercial, Industrial etc.
- Fully equipped in integrating process technology, Design engineering, Consultancy, Installation and Commissioning.
- We take end-to-end responsibility of project management, Constant a similation of New Technologies, Process and Products enable us to deliver optimal state of the art solutions to the clients.

Shift from conventional technology to MBR technology offers numerous benefits in terms of efficiency, Performance and Sustainability, Making it an attractive option for various applications in water and wastewater treatment

1. Treatment Performance
2. Reduced Sludge Production
3. Compact Design
4. Flexibility and Scalability
5. Potential for Water Reuse
6. Reduced Chemical Usage

# OUR SERVICES



# OUR PRODUCTS

## Packaged Sewage Treatment Plant



Plants designed with “Auga “ MBR are highly compact and efficient. The foot print occupied by these plants is fraction of that used by any other contemporary technology. In such a low space the Hollow Fiber laden reactor offers superior organic and nutrient removal. This plant is transported to one place to another as per. the convenience The compact plant which can handle sewage generated 5000-2,000,00 liter per day. Plants comes complete with all the pumps, blower and its control system. This is one of the configuration for “AGT -MBR”. AGT can design Custom built plants for most stringent of site conditions.

## Mobile Sewage Treatment Plant



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## Automatic Sewage Treatment Plant



Operations are controlled using interlocks of sensors and switches. Operations like input of fresh water in Bioreactor, Filtration, Backwashing are controlled using a PLC. Custom automation can also be done for low flow operations during holiday season using in-built programmable features. Flexible PLC platform allows for any other customized programming according to the site condition. Remote operation capabilities can also be integrated in automation so that plant can be monitored and controlled remotely using normal GSM based cellular device.

## Commercial Sewage Treatment Plant



AGT's Membrane Bioreactor which employs Hollow fiber membrane modules for solid liquid separation from wastewater. Hollow Fiber membrane are hollow tubes with pore size ranging from 0.2 to 0.04 micron. Such a pore size is able to reject majority of solids and bacteria present in the bioreactor. Typically these membranes are made of PVDF material , but on request we can provide other materials also. Hollow Fiber membranes are submerged inside the bioreactor for direct solid liquid separation. Such **Membrane is called a Submerged Membrane Bioreactor (SMBR).** Bioreactor designed in this manner can be applied for wastewater treatment, water treatment and range of other application.

## Effluent Treatment Plant for Processing Unit



Effluent Treatment Plant or ETP is one type of waste water treatment method which is particularly designed to purify industrial waste water for its reuse and it's aim is to release safe water to environment from the harmful effect caused by the effluent. An Effluent Treatment Plant (ETP) or Waste Water Treatment Plant (WWTP) is a unit plant where various physical, biological and chemical processes are used to change the properties of the waste water by removing harmful substances in order to turn it into a type of water that can be safely discharged into the environment.

## Membrane Bio Reactor



In any water treatment process separation of solids from liquid is the most important step. **Most fundamental application of water treatment like coagulation and flocculation needs solid liquid separation.** Till now this was achieved using settling process which is highly in-efficient with several post treatment to counter the. in-efficient treatment. AGT's MBR is a submerged filtration system are unique alternate to conventional treatment process. AGT Membrane can be 100% solid-liquid separation is achieved using a submerged membrane module. Submerged membrane modules are low pressure filtration device which can be easily applied to lightly polluted wastewater streams which require quick and fast filtration.

## Drinking water Treatment RO plant



A reverse osmosis plant is a manufacturing plant where the process of reverse osmosis takes place. Reverse osmosis is a common process to purify or desalinate contaminated water by forcing water through a membrane. Industrial RO plant is a revolutionary technology proved to be a boon for industrialists, housing societies, hostels & restaurants and hospitals by providing clean and purified water which can be used for production as well as consumption purposes. They are highly recommended as they efficiently remove up to 99% of dissolved solids, contaminants or impurities from the water making it safe, pure, and clean.

## Softener Plant



Hard water is a problem that millions of households across the country face. Hard water is water that has high mineral content. The effect of the hard hard water on your plumbing fixtures can be felt over a period of time. Due to the minerals present in hard water, the sides of pipelines are clogged. Over a period of time, deposits build-up preventing water to flow like it should, pipes becomes too small to allow the smooth passage of water. Once the holes become smaller, the pressure in pipes increases so much that there is a high risk of the lines deteriorating or bursting. So, if you want to protect your pipelines, it is a good idea to install a water softener . Softened water still contains all the natural minerals that we need. It is only deprived of its calcium and magnesium contents, since some sodium is added during the softening process.

# PROJECTS

1) UEM/ Corporation plant, Trivandrum - STP
2) Mahajan Associates, Hospet - STP
3) Karnataka Housing Board, Karnataka - STP
4) Premier Washing,Banglades - ETP
5) Trivandrum Municipal Corporation, Kerala - STP
6) Public Works Department, Karnataka - STP
7) VBHC, Karnataka - STP
8) Kollem Medical College, Kollam - STP
9) SR Medical college, Varkkala - STP
10) Bangalore Develoment Authority, Karnataka - STP

11) Bangalore Development Authority Karnataka - STP
12) Bengaluru Marriott Hotel Whitefield, Bangalore - STP
13) PK Dass Institute of Medical College, Palakkad - STP
14) Hindustan Aeronautical Limited (HAL), Karnataka - STP
15) Bangalore Development Authority-Gunjur, Karnataka - STP
16) Chanthen kulam Projects, Palakkad - STP
17) BDA - Hombale Constructions, Bangalore - STP
18) Central School, Tumkur- STP
19) Exide Industries Ltd, Bangalore - STP
20) Abad Builders, Cochin - STP

21) NPS, Chennapatna - STP
22) Park plaza Hotel, Bangalore - STP
23) Soul space Arena, Bangalore - STP
24) Suyog Hospital, Mysore - STP
25) Southern Clothing, Bangladesh - ETP
26) Bharat Earth Movers Ltd (BEML), Kerala - STP
27) Cyber Park, Calicut - STP
28) Exide Batteries, Hosur - STP
29) Federal park apartment, Ernakulam - STP
30) Indian institute of Infra Science, Kollam - STP

31) Vinayaka Hospital, Sultan Batteri - STP
32) Aeon housing, Cochin - STP
33) Arista Apartment, Bangalore - WTP
34) Asset Builders, Bangalore - STP
35) BDA - Kothannur, Bangalore - STP
36) Carmel School, Trivandrum - STP
37) Co. Hospital, Kasargod - STP
38) Coperative Hospital, Palakkad - STP
39) Gouthami comforts, Bangalore - STP
40) Kochin Shipyard Ltd, Kerala - STP

41) Mahindra Resorts, Munnar - STP
42) Mak Developers, Kasargod - STP
43) Resil Chemicals, Karnataka - ETP
44) Sea Shell Apartment Project, Calicut - STP
45) SFS Builders, Cochin - STP
46) Federal green Apartment, Kerala - STP
47) Federal Greens, Kerala - STP/Biogas
48) Sigma Aldrich, Karnataka - ETP
49) Vijaya Hospital, Kollam - STP
50) Abihram Infrastructurs( BDA), Karnataka - STP

51) Bisneer sales & service, Bangalore - STP
52) Cliff Valley Resorts, Munnar - STP
53) Krishna INN, Shimoga - STP
54) Meditrina Hospital, Kollam - WTP
55) Meditrina Hospital, Kerala - STP
56) Sudarshan Insitution, Karnataka - STP
57) Tejaswini Hospital, Kerala - STP/WTP/BG
58) IvyaRam Medical Science, Trishur - STP
59) Aeon housing, Ernakulam - STP
60) Dhanalakshmi Bank, Trissur - STP

61) Noah Developers, Cochin - STP
62) Regional corporate Building, Trivandrum - STP
63) Asten Realtors, Cochin - STP
64) Dhathri Projects, Cochin - ETP
65) Griha Bbuilders, Bangalore - STP
66) HNC Hospital, Kannur - STP
67) Intel Bloom, Bangalore - RO, DM
68) Nisaya Hospital, Kerala - STP
69) Roha – Resort, Pune - STP
70) Sea Pearl Apartment, Kasargod - STP
71) Genmax technologies
72) 5 star resort project - Shimoga
73) Arya University
74) Surya Lakshmi Electro plate industry
75) Snehadaan Hospital
76) Santhwanam Hospital
77) Thimiri - Co. Hospital

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