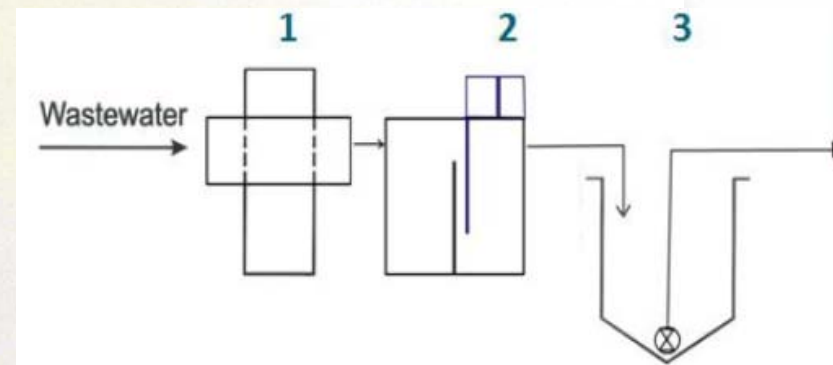


Wastewater Treatment Plants, whether for sewage or industrial effluent treatment, have always been considered cost centres. They cost tons of money, to build, to operate and to maintain. Which is why we have so much wastewater discharged untreated to sea, rivers, surface and ground, polluting the world we live in.

Imagine what will happen if your STP/ ETP (Sewage/Effluent Treatment Plant) could actually make you profits! What if you could minimize the total cost of operations and, at the same time, maximize the quality of treatment! That's precisely what Econo- services can do for you. With a performance guarantee of the STP/ ETP from an Environment Technology Research Lab of the Government of India, deploying a suite of our unique Immobilized Cell Reactor technologies.

How do we do this? By taking a re-look at the whole proposition of wastewater treatment as a profit centre. By adopting a proven, 5-way strategy:

- By helping you recover as much valuable byproducts as feasible from your STP/ETP
- By reducing the Capex and Opex and hence the cost of treatment as much as possible (without compromising on quality) using new, modern technologies
- By treating wastewater as well as possible, so that, the monetary value of the recovered wastewater itself is high
- By recovering a fair cost from the beneficiaries of the treatment
- By exploring financing options that could lower the cost of wastewater treatment substantially



Econo-services brings you the benefits of proven modern technologies – Immobilized Cell Reactor technologies that make wastewater treatment efficient and cost effective:

Saves up to 50%
of Plant capital cost,
Operating costs,
Maintenance costs

Saves up to 80%
of footprint (even uneven,
odd shaped space is
normally adequate)

Reduces up to 95%
of sludge production
(using anaerobic reactors
in association with
our technologies)

**Maximizes quality of
treated water**
Delivers any high purity
level of treated water.
Almost completely
eliminates colour & odour

Maximizes
use of local resources
(manpower and materials)
in installation of the plant

Minimizes
use of chemicals
imported materials,
electro-mechanical
equipment & labor

Facilitates Reuse
Produces recycled water
which is good for agricultural
and recreational purposes

SCHEMATIC OF AN STP USING DISCHARGE THE CDS AICR TECHNOLOGY

- | | |
|--------------------|-----------------------------------|
| 1. CDS STD | 5. AICR |
| 2. Oil Interceptor | 6. Disinfectant System (Optional) |
| 3. Pumping Station | 7. Water Reuse (optional) |
| 4. FICCO | |

Econo Services is a 10+ year old Company, promoted and run by Technology and Management Consultants with keen interest in promoting modern and cost effective Wastewater Treatment technologies worldwide.

We source the best and the latest of technologies in Wastewater Treatment and integrate such technologies into our repertoire of conventional technologies.

Econo-services is in a unique position to:

- Draw expertise from associate Companies/ Research Organizations, whenever required, an immensely additional benefit for our clients.
- Suggest ways of recovering high value byproducts, profits from which could be higher than the main products in some cases.
- Help source finance for certain projects at low costs (applicable only in case of Government), which could reduce the cost of the projects by as much as 50%.



**Brief comparison of AICR with other Popular Technologies
(Contact us for a more detailed comparison)**

S. No	Factor Of Comparison	MBR Method	Activated Sludge Method	SAFF Method	Advanced Immobilized Cell Reactor Method
1	Footprint	Small	Largest	Medium	Smallest
2	Chemical treatment	Not required normally	Desirable for high kitchen load	Desirable for high kitchen load	Not required normally
3	Energy recovery	Not possible	Not possible	Not possible	Possible
4	Sludge Generation	Very High	Very High	Very High	Can be made negligible
5	Treated Water Quality	Very Good	Average	Average	Very Good
6	Treated Water Odor	Little	Very High	Moderate	Very Little
7	Performance Degradation over time	High	High	High	Almost Nil
8	Flexibility for expansion	Easy & Modular	Not Easy	Not Easy	Easy & Modular
9	Investment	High	High	Moderate	Low
10	Operating Cost (Chemicals, Power, Consumables & Labor)	Highest	Very High	Moderate	Low

Select list of clients using Advanced Immobilized Cell Reactor Technology

S.No	Company	Nature of the Industry	Vol. of discharge
1	Tamil Nadu Newsprint Limited, Chennai, India	Sewage Treatment Plant	1,000 m3 / day
2	Reliance (Dhirubhai Ambani Knowledge Centre), Mumbai, India	Sewage Treatment plant	2,500 m3 / day
3	United Bleachers, Mettupalayam, India	Textile Dyeing	700 m3 / day
4	Sri Chamundi Leather, Chennai, India	Garment leather manufacturing	75 m3 / day
5	ASTRA ZENECA, Tesla technologies Bangalore, India	Pharmaceutical Oxidation, R & D	50 m3 / day

Even if you already have a STP/ ETP that is not performing well enough (or doesn't meet the local environmental specifications), we can help you repair your Plant and retrofit our latest technology at minimum cost, revitalizing your existing Plant. Talk to us today!

Contact us (or our local Licensee) today for a FREE Consultancy on how we can help you make your STP/ ETP (Sewage / Effluent Treatment Plant) actually make you profits!



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