



RECYCLE | REFUSE | REDUCE | REUSE





COMPANY PROFILE

We, ENVICARE TECHNOLOGIES PVT. LTD. (Formerly Envicare Systems & Services), Pune, take pleasure in introducing ourselves as a team of professionals with highly technically qualified & experienced members involved in the following engineering areas from last 13 years. Our Director Mr. Mangesh Surve is a Chemical Engineer, has got in hand experience of 17 years in this field & has handled more than 1000 no. of projects all over India.

- Wastewater treatment plants like Effluent Treatment Plant (ETP) & Sewage Treatment Plants (STP).
- Water Treatment Plants viz. Reverse Osmosis (RO) Plant, DM/ DI plants, Water Softening Plants, etc.
- Sludge Handling Systems like- Filter Press, Bag Filters.
- Water & Waste water treatment chemicals.
- Specialized in HDPE, PP and FRP piping and systems.
- AMC for WTP, ETP and STP.

We have our registered office at Jai Ganesh Vision, Pune. We are member of following reputed organizations for the latest technical know-how for upgrading our knowledge & project specific consultancy in order to strengthen our expertise & quality:

- Everything About Water
- Water Digest

We serving some of the major groups like the TATA Motors Ltd., Wipro Ltd., 3M (I) Ltd., GE (I) Ltd., ACGL Goa Ltd., IVRCL Ltd., Tata Technologies Pvt. Ltd., TAL Auto, Mahindra Conveyor Systems Ltd., Ador Welding Ltd., Pentair Technical Products Pvt. Ltd, APW President Ltd., Kirloskar Copeland Ltd., Rishi Laser Ltd., Phoenix Mecano (I) Ltd., Paradip Port Trust, Cybage Software Pvt. Ltd. & many more...

We are working in the area of Water & wastewater treatment with latest technologies like Membrane Bio Reactors etc. We also offer an entire range of water treatment equipments, chemicals, spares & other services including up gradation of existing plants & AMC for our suppliers





OUR CORE VALUES

CONTINUES IMPROVEMENT
QUICK IMPLEMENTATION
DEVELOPING FUTURE LEADERS

MISSION
Saving the Environment
from pollution and
people from diseases by providing
clean and pure water.

VISION

Becoming India's
No.1 company in
reducing pollution,
by adopting & implementing
the latest technologies, to
serve the World at large.



पानी की बढ़ती जरूरतें पूरी करने के लिए वॉटर ट्रीटमेंट सर्वोत्तम विकल्प

एन्वीकेयर सर्विस एंड सिस्टम के प्रमोटर मंगेश सुर्वे की दें. 'आज का आनंद' से खास बातचीत

कैरियर और नौकरी के क्षेत्र में कुछ अवसर ऐसे हैं कि जिनकी ओर अब तक जैसे जाना जाए वैसा ध्यान नहीं गया है. इस अवसर पर शुद्ध और गंदे पानी पर प्रक्रिया का उद्योग एक उत्तम विकल्प है. इन दिनों हमारे देश में पानी की समस्या कितनी गंभीर होती जा रही है? इसकी कल्पना आपको है ही. आनेवाले समय में पानी-संकट इतना विकट होगा कि पानी की हर एक बूंद हिसाब से इस्तेमाल करने पड़ेगी. दूषित पानी को घर में न छोड़कर उस पर प्रक्रिया करके उसका दोबारा इस्तेमाल किया जा सकता है और उससे पानी की बचत हो सकती है. यह जानकारी एन्वीकेयर सर्विस एंड सिस्टम के प्रमोटर और एजुकेशन कौंसिलर मंगेश सुर्वे ने दें. 'आज का आनंद' को दी.

एन्वीकेयर सर्विस एंड सिस्टम वॉटर ट्रीटमेंट साधन के साथ ही इंडस्ट्री, सोसायटी के दूषित पानी पर प्रक्रिया करता है. उसके लिए अत्याधुनिक वॉटर ट्रीटमेंट प्लांट एन्वीकेयर के जरिए लगाए जाते हैं. इस प्लांट को चलाने के लिए कुशल मानव संसाधन की आपूर्ति एन्वीकेयर करता है. सन् 2003 में एन्वीकेयर की स्थापना हुई. अब उसके पास 400 ब्लाइट हैं. हर महीने 40 लाख लीटर पानी प्रोसेस किया जाता है.

दूषित जल प्रक्रिया से क्या पर्यावरण रक्षा संभव?

जहां-जहां लोगों की बस्तियां हैं वहां-वहां दूषित पानी तैयार होना स्वभाविक है.

पानी के इस्तेमाल के बाद जो पानी अशुद्ध होकर पुनः इस्तेमाल के लायक नहीं रहता, ऐसा पानी दूषित पानी कहा जाता है. उसे ठिकाने लगाना लोगों के स्वास्थ्य के लिए महत्वपूर्ण है. ये दूषित पानी अगर कहीं जमा हो गया तो उसमें विषाणु होते हैं और उनकी संख्या बढ़ती रहती है. उसकी प्रक्रिया की वजह से हवा में बदबू भर जाती है व सामाजिक स्वास्थ्य बिगड़ जाता है. जैसे दूषित पानी में विषाणुओं के लिए बड़े पैमाने पर पोषक द्रव्य रहते हैं, वैसे ही वनस्पति के लिए भी पोषक द्रव्य बड़े पैमाने पर रहते हैं. उसमें मुख्यतः फास्फोरस व नाइट्रोजन का समावेश रहता है. इन तत्वों की वजह से पानी में बड़े पैमाने पर वनस्पति की वृद्धि होती है और उसके परिणाम के रूप में हम जलपर्णी देखते हैं. यह वनस्पति जलचरों का अच्छा खाद्य यदि बनती है तो रात के समय पानी के ऑक्सीजन का स्तर बड़े पैमाने पर कम करती है. इससे पशुओं का अस्तित्व खतरे में पड़ जाता है. इसलिए दूषित पानी शुद्धिकरण का मुख्य उद्देश्य मुख्यतः पर्यावरण की रक्षा है. उसका फायदा सभी शहरी क्षेत्रों को होगा.

क्या शुद्ध पानी पर भी प्रक्रिया आवश्यक है?

हम जो पानी पीते हैं वह पानी शुद्ध है क्या? इसकी पहचान करना आवश्यक है. शुद्ध पानी भी खूब दूषित होता है. उसकी वजह से बीमारियां बढ़ती हैं. उन्हें कम करने



मंगेश सुर्वे

के लिए प्रक्रिया करके शुद्ध किया पानी पीने की ओर लोगों का रुझान बढ़ा है. नल में आनेवाले और मनपा द्वारा शुद्ध किए गए पानी को इस्तेमाल करने की हिम्मत नहीं रह गई है. 50% लोग ऐसा शुद्ध किया पानी ही इस्तेमाल करते हैं.

पानी प्रक्रिया उद्योगों में रोजगार के अवसर हैं क्या?

इजराइल जैसे देश में समुद्र के पानी पर प्रक्रिया कर वह पानी कृषि के लिए इस्तेमाल किया जाता है. भारत में भी ऐसी घड़ी आनेवाली है और वह आए तब उस क्षेत्र में लाखों रोजगार निर्मित होंगे. इसके अलावा अधिकाधिक लोग ऐसा शुद्ध किया पानी ही इस्तेमाल करेंगे. इस वजह से इस उद्योग में विशाल अवसर हैं. पानी शुद्ध करने की इस प्रक्रिया में पानी को अशुद्ध

करनेवाले जो घटक हैं, उन्हें पहचानना और निकाल देना जैसी दो प्रक्रियाओं का समावेश रहता है. इसलिए रसायन शास्त्र, प्राणी शास्त्र, वनस्पति शास्त्र, माइक्रो बायोलॉजी और इंजीनियरिंग शाखा के ग्रेजुएट्स के लिए उत्तम अवसर है.

अपने बारे में जानकारी दें.

पिंपरी-चिंचवड पॉलीटेक्निक कॉलेज से केमिकल इंजीनियर की डिग्री लेने के बाद लैब असिस्टेंट के रूप में काम की शुरुआत की. 98-99 में आई वैश्विक मंदी के दौरान नौकरी से इस्तीफा दिया और एन्वीकेयर की स्थापना की. एन्वीकेयर ने विकास की सीमा पार की है. इसके माध्यम से छात्रों को कैरियर गाइडेंस भी दिया जाता है इसके साथ सामाजिक कार्य हेतु समिन्न चैरिटेबल ट्रस्ट के माध्यम से बच्चों को गोद लिया जाता है. एन्वीकेयर के बारे में अधिक जानकारी हेतु वेबसाइट www.envicare.com पर सर्च किया जा सकता है.

पानी प्रक्रिया में सामने आए मुद्दे

- बड़े पैमाने पर बोरेवेल खोदने के कारण पानी के लेवल में कमी आई है.
- जमीन के अंदर के पानी में क्षार का प्रमाण बढ़ा है.
- नदी के पानी में ऑक्सीजन की मात्रा में कमी आई है.



20th Entrepreneurs' Day 2013

Entrepreneurship and Innovation

by Mr. Bipin Deshmukh
Mr. Ganesh Suryawanshi

The famous management guru Peter Drucker in his book Entrepreneurship and Innovation writes, "Entrepreneurship and innovation go hand-in-hand and innovation is the only tool to sustain in business or to expand the business". Keeping this in mind we had organized a technical workshop for our entrepreneur members on "PRODUCT INNOVATION - Concept to Realization" at Dr. DY Patil - Deepak Chabariya Center for Advanced Design studies (DYPDC), Charoli, Pune. Mr. Hridhesh Deshpande, Director, DYPDC, welcomed all the entrepreneur participants. Prof. Kailash



Mr. Hridhesh Deshpande, Director (DYPDC) with members of entrepreneur clubs

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THRIVING ON WASTE WATER TREATMENT: A SUCCESS STORY OF ENVICARE

Deepshikha Satija¹
Mangesh Surve²

ABSTRACT:

It is astounding, how, for over centuries we have been exploiting available natural resources creating scenarios of acute scarcity. Water is no exception to this practice and we have now hit upon a point-of-no-return! Reuse and recycling has emerged as credible solutions to surmount the problems of water scarcity. The rapid growth of the population, the technological and industrial boom has brought enormous problems and degradation of the environment. Effective collection and treatment of urban wastewater is a critical problem in a developing country like India. The purification of waste water from various industrial processes is a worldwide problem of increasing importance due to the restricted amounts of water suitable for direct use, the high price of the purification and the necessity of utilizing the waste products. Maintaining the drinking water quality is essential to public health. Although various water treatment is a common practice for supplying good quality of water from a source of water, maintaining an adequate water quality throughout a distribution system has never been an easy task.

Municipal, agricultural and industrial liquid or solid wastes differ very much in their chemical, physical and biological characteristics. The diverse spectrum of wastes requiring efficient treatment has focused the attention of researchers on membrane, ion-exchange and biological technologies. The most effective and ecological technological systems developed during the past 20 years are as a rule based on a combination of the chemical, physical and biological methods.

Water... "Anyone who can solve the problems of water will be worthy of two Nobel prizes - one for peace and one for science."

John F. Kennedy

Forbes India features - Biggest Questions of 2012 - Will Water Scarcity Increase Tensions Across Asia?

- Water will be one of the defining issues of the next half century. It's a critical issue and this realization will start from 2012.
 - Governments across the underdeveloped regions of the world are already facing the threat of water wars. We believe 2012 will be the year the world starts looking for solutions to its aqua problems.
- Do these lines evoke something in mind? Yes...and that is water is diminishing day by day, and if we do not take a call on time the shape of the world and lives of its habitats are going to be affected radically.

INTRODUCTION:

Water is basic to life. It is a precious resource and has become precious commodity now. Ongoing industrialization, population & urbanization pose pressure on water availability. Utility value of world's freshwater resources like lakes and rivers are diminishing rapidly due to over exploitation & pollution. Groundwater, an alternative to surface water is also a natural victim. The rate of ground water drawing versus its re-charge has already

disturbed the natural aquifer equations. Water resource development has taken place all over the world. There is a tremendous amount of pressure in protecting the water resources available in the country. Protecting the surface water resources from wastewater pollution plays a vital role for the development. The disposal of wastewater into the surface water bodies leads to serious problems and affects the people in health aspects. Especially in the urban

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Testimonials



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Date : 21st May 2014

To Whomsoever It May Concern

This letter of Appreciation is issued to convey our appreciation on the excellent work done by "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, for designing, erecting and commissioning the Effluent Treatment Plant.
"M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, completed the project in a time-bound manner. The services rendered by M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, were excellent. The scope of work covered planning, design, supervision & quality control. The services of M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, were found to be excellent.

For TUV INDIA

V K G

Gen

RINDER INDIA PVT. LTD.
AUTOMOTIVE LIGHTING & SIGNALLING EQUIPMENTS

1381



Date- 13/05/14

To Whomsoever It May Concern

This is to certify that "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, a private limited company established in 2001 was engaged for the design and erection of Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP). The scope of work of "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, covered planning, design, supervision & quality control. The services of M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, were found to be excellent.



May 02, 2014.

To Whomsoever It May Concern

This is to certify that "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, was engaged consultants for the work of "Engineering Consultancy for designing, Erection, Servicing and Maintenance of our Reverse Osmosis Plant (RO). The said agency has completed the work within the stipulated time period and their performance has been found to be satisfactory.

Thanks & Regards

for Tata Technologies Ltd.

David Harry
Associate Manager - Administration.

TATA TECHNOLOGIES
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CIN: U72200PN1804PLC013313



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Factory & Corporate Office: Plot No. E-1, MIDC, Keshavnagar, Solapur - 415004
Dist. Solapur - 415002 Tel. : 91 2189 30650 Fax : 91 2189 30658

To Whomsoever It May Concern

This is to certify that "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, was engaged as consultant for the work of "Engineering Consultancy for designing, Erection of our Water Filtration Plant. "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, completed the work within the scheduled time and within the estimated cost. The services rendered by M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, were very good.



Date: 15.05.2014

To Whomsoever It May Concern

This is to certify that "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, was engaged consultants for the work of "Engineering Consultancy for designing, Erection and Commissioning of our Effluent Treatment Plant. "M/s ENVICARE TECHNOLOGIES PVT. LTD.," Pune, was found to be satisfactory.



Date: April 23, 2014

To,
Envicare Systems & Services
BR-1, 412/413, B Wing,
Jai Ganesh Vision,
Akurdi,
Pune - 411035.

Kind Attention: Mr. Mangesh Surve.

- Reference:
a. Supply of 80 CMD combined effluent treatment plant at Foundry, Vambori, Ahmदनगर
b. Supply of 40 CMD STP at our chinchwad plant

We are pleased to inform you that plant supplied by you for our foundry plant is providing desired results for treatment of effluent from dai-penetrator (DP) along with sewage effluent. Last five months results are satisfactory and we expect your continue co-operation in operation & maintenance of this plant.

Also STP plant supplied for chinchwad plant is in process of stabilizing and meeting our requirements to accommodate entire functions within minimum space.

Excepting that plant will be stabilized in this week along with desired level of results and further to which your co-operation in operation & maintenance of this plant is continued.

For KSB PUMPS LTD

23/4/14
Prayot Deshpande
Manager - Establishment

Mail to: Head Office: KSB Pumps Ltd., Mumbai - Pune Road, Pimpri, Pune - 411 016 (India)
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Our Esteemed



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