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Session V: Latest methods in waste water treatment

Membrane Technology for waste water treatment



Dr. B. Chakravorty

M. D., Genesis Membrane Sepratech Pvt. Ltd., Mumbai

Dr. Chakravorty earned his Ph.D. in membrane technology from IIT-Bombay in 1984. He joined Thapar Corporate R&D Centre, Patiala as Research Scientist and rose to become its Associate Head. During his five-year tenure at Thapar he was Adjunct Faculty in the School of Basic and Applied Sciences at Thapar Institute of Engineering and Technology, Patiala as well as Visiting Research Fellow at Central Salt and Marine Chemicals Research Institute, Bhavnagar. In 1988 he was Fulbright Fellow and Research Professor at Centre of Membrane Science and Technology, University of Kentucky at Lexington, USA.

In 1992 he promoted Genesis Membrane Sepratech Pvt. Ltd. and established close ties with reputed companies such as Koch Membrane Systems Inc and FEDCO Inc, both based in USA. His company has designed, manufactured and installed about 400 plants in the last 22 years in a variety of industries such as automobile, caustic, dairy, drugs, dyes, fruit juices, gelatine, petrochemicals and textiles. He is currently the company's Managing Director.

Dr. Chakravorty published over 50 papers on membrane synthesis and applications in international journals. He is a life member of Indian Pulp and Paper Technical Association and Indian Institute of Chemical Engineers. Dr. Chakravorty is the recipient of the NOCIL Award for "Excellence in Design/Development of process plant and Equipment" given by Indian Institute of Chemical Engineers in 2000.