

# Dr. S. PRABHAKAR

- 1. Age** 57 years
- 2. Address** Head, Separation Technology Section,  
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- 5. Educational Qualifications** BSc (Chemistry) Univ. of Madras, India  
MSc (Chemistry) IIT, Madras, India  
M.S.(Chem..Engg.), IIT, Madras  
Ph.D.(Sci.) Mumbai University, India  
MBA ( op.manag.) IGNOU, New Delhi
- 6. Present Responsibilities** Research & Development on Membrane preparation & its applications
- 7. Specialization** Membrane science & Technology, Desalination & Water Purification
- 8. Areas of Research** Membrane Preparation / application to effluents and water treatment
- 9. Current Interests** Bipolar membranes, Membrane assisted Zero Liquid Discharge Systems
- 10. Experimental Facilities** Desalination & membrane casting and Testing facilities
- 11. General** A membrane technologist with experience in designing & deploying desalination & effluent treatment plants. Leading a team of scientists & engineers on membrane development and applications. Member of national committee on Water treatment Initiatives.

## 12. Five relevant publications in last five years

1. Technological Approaches for Providing Safe Drinking Water for Rural and Remote areas : S.Prabhakar, International Journal of Nuclear Desalination ( In Press) 2008
2. Assessment of an ultrafiltration pre-treatment system for a seawater reverse osmosis plant : S.A. Tiwari, D. Goswami, S. Prabhakar, P.K. Tewari, International Journal of Nuclear Desalination Vol2, No.2(2006), 132-138
3. Optimized design of a reverse osmosis system with recycle : Payel Sarkar, D.Goswami, S.Prabhakar, P.K.Tewari : Desalination 230(2008), pp128-139
4. Self-standing Geometry of Aligned Carbon Nanotubes with High Surface, Materials Letter (In Press)  
K Dasgupta, S. Kar, R Venugopalan, S Bhattacharya, S K Gupta, R C Bindal, S Prabhakar, P K Tewari and D Sathiyamoorthy
5. Evaluation of efficiency of polysulfone ultrafiltration membrane based water purifiers for microbiological decontamination, International Journal of Nuclear Desalination (In Press) V. Nagar, R. Shashidhar, R.C. Bindal, S. Prabhakar, P.K. Tewari, A.K. Sharma, J.R. Bandekar.