

Biodata



Dr. S. V. Ranade

**Chairman, Dnyandeep Infotech Pvt. Ltd., Sangli.
Chairman, Dnyandeep Education & Research Foundation, Sangli**

Name

RANADE SURESH VISHNU

Address

"Dnyandeep", 18, Shilp Chintamani Society, Vijaynagar, Post- Wanlesswadi, Sangli. 416 414.

Education

B.E.(1966), M. E. in Civil Engineering(1970) at Walchand College of Engineering, Sangli. Ph.D. in Environ. Engg.(1977) at I.I.T. Kanpur.

Experience

Total teaching experience to date 37 years in teaching Environmental Engineering and Engineering Management subjects.

Proficiency

Besides Civil and Environmental Engineering, proficient in software programming and Web Development

Consultancy Projects

Consultancy assignments for last 40 years in field of

Design of Water Treatment Plants at Walchandnagar, Tilarinagar, Padmale, Kopergaon and Rahuri sugar Factories.

Design of Effluent Treatment Plants for Sugar, Distilleries, Pulp and Paper and allied industries.

Feasibility Reports of Env. Management for various Agrobased Industries.

Environmental Impact Analysis for Pandharpur and Kolhapur.

Detailed Project Report preparation for Abatement of Pollution of River Krishna at Sangli.

Achievements

- a. Conversion of Full Scale Rapid Sand Filter to high rate Coal-Sand Dual Media Filter at Kanpur Water Works First time in India.
- b. Best Paper Award, First National Convention, Institution of Public Health Engineers, Calcutta, 1976.
- c. Second Prize of Best Paper presentation at 13th Annual Convention of Indian Water Works Association 1981.

Experience

- a. 37 Years of Teaching Experience (1966-2003)
M.E. Students guided – 30
Ph. D. Students registered -6

- b. Consultancy through college since 1977 for Sugar and allied industries and local bodies as regards Design of Water and Wastewater Treatment Plants, Water supply and Sewerage systems and Environmental Impact Analysis.

Achievements

1. Best Paper Award, First National Convention, Institution of Public Health Engineers, Culcatta, 1976
2. Second Prize of Best Paper presentation at 13 th Annual Convention of Indian Water Works Association 1981

Life Membership

1. Institution of Engineers
2. Indian Water Works Association
3. Environmental Protection Research Foundation, SanQli
4. Nature Foundation, Sangli
5. Indian Association for Environmental Management, Nagpur
6. Indian Society for Technical Education
7. Marathi Vidnyan Prabodhini
8. Nature foundation, Sangli
9. International School for Environmental Management Studies

Achievements In IT Sector

Established Dnyandeep Infotech Pvt. Ltd., Sangli, a company for webdesign and software development in 2000. The company has designed and hosted more than 150 websites and developed 10 software packages. More details can be seen on company websites – www.dnyandeep.com

Established a public charitable trust, Dnyandeep Education & Research Foundation for use of IT in Education & Research for overall development of India.

FOREIGN TOURS

1. Visit to Thailand to study Technologies adopted for Sugar, Distillery & Pulp & Paper Mill effluents (1986).
2. Visit to Stanford University, California during personal visit of Three Months duration 2003
3. Visit to Houston, Texas for Three months 2008
4. Visit to Cupertino, California for Three months 2010
5. One week Green Technology study tour & International Conference on Green Tech 2010 at Bangkok on 24th Jan. 2010
6. One week Green Technology study tour & International Conference on Green Tech 2011 at Dubai on 24th Jan. 2011

RESEARCH PROJECTS DONE THROUGH ENVIRONMENTAL PROTECTION RESEARCH FOUNDATION SANGLI IN CAPACITY AS VICE PRESIDENT

1. Anaerobic activated sludge process – CSIR project.
2. Oxygenation capacity in cavitation system – CSIR Project.
3. Low Cost Waste treatment methods of textile effluents – CSIR Project.
4. Recovery of Wax from pressmud – CSIR project.
5. High rate digestion – UGC.
6. Anaerobic lagoons for distillery effluent – Shetakari S.S.K.Ltd., Sangli.
7. Secondary Treatment of Anaerobically Treated Effluent. Maharashtra Industrial Research Committee, Govt. of Maharashtra.
8. Infective hepatitis studies around Sangli, Shivaji University.
9. Pilot Plant Studies on Anaerobic Digestion - DNES, Delhi.
10. Methane gas recovery from Spentwash – Pilot plant Project completed. Funded by Department of Non-conventional Energy Sources (DNES), Govt. of India.
11. Aerobic composting of Spent wash with pressmud and other Filler Materials – The Distillers Association of Maharashtra.
12. Upliftment of Environmental conditions and waste land development in three

selected Villages around Sangli – District – Sponsored by DSTA, New Delhi.

13. Studies of Aerobic Composting of Spentwash and its Environmental Impact Assessment – Ministry of Environment and Forests, Govt. of India, New Delhi.

14. Pollution of River Krishna due to domestic and industrial Waste and creation of Environmental Awareness in School Children – CEE, Ahmedabad.

15. Development of Bio-Cultures and Establishing Bio-Technology Laboratory – Ministry of Food & Agriculture, Govt. of India.

16. "Comprehensive Documentation on Sugar Industry". CPCB, Delhi. -

17. "Methodology for the development of Environmental Audit" in Distillery Industry". CPCB, Delhi.

18. "Review of Environmental Statement submitted by Sugar Industry" C.P.C.B., Delhi.

Technical Papers Published/Presented:

1. Ranade S. V. and B. S. Rao. 1970. "Studies on disposal of septic tank effluent and sullage water by percolating filter". All India similar Symposium on low cost waste treatment.

2. Ranade S. V. and Agarwal G. D., 1974, "Use of Vegetable wastes as a Filter Media", presented at the conference on Engg. Materials and Equipment. The Association of Engineers, Calcutta.

3. Ranade S. V., Agarwal G. D. and Misra Y. D., 1975, "Conversion of Rapid Sand filter into Dual Media Filter", J. Insr. public Health Engrs. 1, 2, p. 12.

4. Ranade S. V., Agarwal G. D. and Misra Y. D., 1976, "Full Scale Trials on Converted Dual Media Filter", J. I. W.W. A.

5. Ranade S. V., Agarwal G. D. 1974. Use of vegetable wastes as filter media. Paper presented at the conference on engineering materials and equipments. The Association of Engineers, Calcutta.

6. Rao B. S. , Ranade S. V., Agarwal G. D. and Mishra Y. D. 1976. Full scale trials on converted dual media filter. J. I. W.W. A.

7. Rao B. S. , Ranade S. V., Agarwal G. D. and Mishra Y. D. 1975. Conversion of rapid sand filter into dual media filter. J. Inst. public Hlth. Enngs. 1, 2, pp. 12.

8. Rao, B. S., S. V. Ranade. 1968. Standard rate digestion of distillery waste effluent at natural conditions. Presented at Industrial waste Conference, I. I. T. Kanpur.

9. Rao B. S. , M. R. Belsare and S. V. Ranade. 1969. Studies on Stilbite as Water Softening material. J. Env, Hlth. Vol. II 8-22.

10. Ranade S. V., (1969) Disposal of Septic tank effluent and Sullage by percolating filter", M. E. Thesis, Walchand College of Engg. Sangli.

11. Rao, B. S., S. V. Ranade and J. M. Gadgil. 1988. Environmental Impact Assessment study in developing cities. Paper Impact analysis for developing countries held at New Delhi. Nov.

13. Rao, B. S., S. V. Ranade, J. M. Gadgil and post graduate students. 1989. Aerobic composting of spentwash. Paper presented at symposium on treatment options for sugar, distillery, paper and allied waste waters. Held at Bombay. August. 1989

14. Rao, B. S., S. V. Ranade, J. M. Gadgil, S. D. Khambe and B. P. Patil . 1990. Performance evaluation of spentwash composting by using forced aeration. Paper presented at 40th annual convention of D. S. T. A. held at Pune. September.

15. Rao, B. S., S. V. Ranade., J. M. Gadgil., S. D. Khambe. 1992. Innovative method of waste recycling in agrobased industries with a case study of sugar industry. Paper presented at 42nd annual Convention of DSTA held at Pune. 25-27th Sept.

16. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1993. Environmental aspects of land disposal of organic wastes. Published in book "Environmental challenges". Edited by C. K. Varshney, D. R. Sardesai. Published by Wiley Eastern Ltd., New Delhi.

17. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1993. Techno-Economic viability of Biogas Recovery from Agrobased Industrial Effluents. Paper presented at 43rd DSTA annual convention. 10-12th Sept.

18. Rao, B. S., S. V. Ranade., Prof. J. M. Gadgil.1994. Control Technology for Dairy Effluent. One day meeting of NGO's for Envirment of of West Zone at Bajglres
19. Rao, B. S., S. V. Ranade., Prof. J. M. Gadgil. 1995. Sugar factory waste treatment alternatives. The paDer Dresented in the International svmposium held at Bangalore. January1995.
20. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1995. Inorganic Dissolved Solids Concentration on Effluent Application for Irrigation - A Rational approach. Paper presented in the International conference on Environmental planning and management at VRCE. Nagpur. 24-26 September1995.
21. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1995. Application of Reboiler for Spentwash composting. The paper presented at the DSTA 44th Annual Convention held at Pune. September. 1995
22. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1996. Distillery Waste, Treatment Alternatives - past & present practices. Paper presented in a corkshop organised by DSTA at Pune. September.
23. Rao, B. S., S. V. Ranade., J. M. Gadgil. 1996. Waste management in sugar Industry. Paper presented at DSTA, 45th Annual Convention at Pune. September.
24. Ranade S. V. 2004. Database Management and Performance Indicators in Waste Treatment, paper presented at seminar on Environmental Awareness Programe organized by ISEMS at Pune for CPCB officers and industry technologists.
25. Ranade S. V. 2004. Statistical Techniques In Monitoring Performance Indicators, paper presented at seminar on Environmental Awareness Programe organized by ISEMS at Pune for CPCB officers and industry technologists.
26. Ranade S. V. 2004. Engineer's Role in Management of Water Treatment Plant, paper presented at one day seminar on Filtration by U.P. Jal Nigam at Lucknow.
27. Ranade S. V. 2004. Use of Information Technology in Effective Pollution Control paper presented at seminar on Environmental Awareness at Dr. K. K. Wagh College of Engineering, Nasik.
28. Ranade S. V. 2005. Waste Minimisation Techniques by In Plant Control, Paper presented in One day workshop on Environment Management System for Sugar Industries at N. G. Patel Polytechnique, Bardoli, Surat on 14 th June 2005
29. Ranade S. V. 2005. Role of Internet in Globalisation of Technical Education, Paper presented at Seminar on Globalisation of Technical Education held at walchand College of Engg., Sangli on 8th June, 2005.
30. Ranade S. V. 2005, Use of Solar Energy in Building Planning & Design, Paper presented in National Seminar in Kolhapur
31. Ranade S. V. 2006, Web Technology for Green Building / Green City , Paper presented in National Seminar on "Dream of Green Cities" in Pune
32. Ranade S. V. 2009, Let us plan for Intelligent Green Buildings of Tomorrow, paper presented at GreenTech 2009 at Shivaji University, Kolhapur
33. Ranade S. V. 2010, Business Opportunities in Green Energy Sector, Paper presented in International Conference on Green Tech 2010 at Bangkok
34. Ranade S. V. 2011, Social Networking for speedu implimentatiom of Green Technology in India. Paper presented in International Conference on Green Tech 2011 at Dubai