

Speaker

Session: Sustainable Urban Living

Prof (Dr) A.D.Sawant

Former Vice Chancellor,

University of Rajasthan, Jaipur

Joint Director of Higher Education , Mumbai ; Pro Vice Chancellor, University of Mumbai

Vice Chancellor, University of Rajasthan, Jaipur.

Currently he is Director, WTERT-India, (Waste to Energy Research and Technology Council , set up by Earth Engineering Center (EEC), Columbia University.

Obtained PhD (Chemistry) in 1979 from Institute of Science, Mumbai University. He joined as lecturer in Chemistry at Institute and rose to the post of Professor in Chemistry in 1998. After doing research under an Eminent Professor, Dr B .C. Haldar, soon he established a strong School of research in fields of Nuclear, Inorganic, Analytical, Solid State and Environmental Chemistry. Guided 26 students for PhD and published over 150 papers of which 87 in foreign Journals with High Impact Factor and has High Citation Index. His work has been also published in Encyclopedia of Analytical Science, published by Cambridge University. Executed over 25 Research Projects including one from IAEA, Vienna, Austria.

His research was of applied nature and the nuclear science and Analytical methods developed by him was significant contribution to fields of Chemistry, were used to pollution studies, mainly of aquatic eco system of Mumbai. His research team studied and reported many dreaded pollution issues and research on toxic metal studies and exposed dreaded pollution issues including Lead(Pb) Pollution at Dadra Nagar Haveli, which further resulted in introduction of unleaded petrol in India. Contamination of fish and aquatic ecosystem of Mumbai, Industrial Pollution of Rivers.

His Research Team studied extensively aquatic ECO System and pollution of rivers like Vaitarna, Kalu, Ulhas, Bhatsai, Tansa, Mula ,and Mutha rivers of Mumbai and Pune cities. Also studied entire marine eco system of Mumbai and Thane with respect to heavy metal pollution due to Thane Belapur Industrial waste. The studies of Hg ,Pb, Cd were an eye opener , leading to bring in many Regulations .

Through his organizations, he has been actively campaigning for River conservations in Maharashtra. He joined the movement of Dr Rajendra Singh while he was VC at Jaipur and called first Water Audit conference in India under his guidance. Following this, after two years in 2013 he organized similar conference in Mumbai.. Currently he has been appointed as Member of Expert Committee by Hon

Supreme Court as Member of Civil Society to suggest mitigation of flood of Mithi River and improvement of its water quality.

As an Administrator and Vice Chancellor, he brought out landmark changes in Higher Education System. Was first to design formula for fee structures and Regulation of professional courses in India. Govt of Rajasthan appointed him as Chairman of High Level Committee for restructuring and Improvement of Higher Education.

Receipt of awards from many organizations. He is engaged in transformations of Technologies for rural Development. Was leader of many academic delegations to various countries and an invitee to many International forums like BRICS , IAEA, and several conferences.

He is :

Vice President, National Society of Friends of Trees,

President, Society for Clean Environment;

Chief Trustee, The Institute of Science, Golden Jubilee Trust Fund

Advisor to many Institutions and Member of Authorities of many Universities.

Now he is actively engaged with WTERT in advocating and giving consultancy to Municipal Corporations on Solid Waste Management for converting Waste into Energy and also recovery of waste water, materials for recycle and reuse. Convened over 6 International Conferences on this subject. WTERT is also engaged in voluntary services in imparting teaching, conducting courses in institution and colleges on Waste Management.