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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ASET

Environmental sustainability

Dr. Sharad Kale

World population has grown from about 100 crores in year 1800 to about 750 crores in year 2014. This increase has caused tremendous stress on natural resources of Mother Earth. Basic needs like air, water, shelter, clothes and food have gone up by 7.5 times in a small time span of 200 years but peripheral needs have grown astronomically. It appears that physical comforts offered by developments in Science and Technology have somewhere made human being insensitive towards the need of Mother Earth.

Prof. S. P. Kale joined Bhabha Atomic Research Centre in 1976 through 20th batch of Training School after completing his M. Sc. (Microbiology) in Pune University. He joined Biology and Agriculture Division of BARC in 1977 and is working for last 36 years in this Division. Currently he is Head, Nuclear Agriculture and Biotechnology Division. He is also Professor at Homi Bhabha National Institute. He has received PRADNYAVANT PURSKAR from Jeevan Kala Mandal, Parner and MATHERAN MITRA PURSKAR from Matheran Municipal Council in the year 2013 and 2014 respectively.

He has been conferred prestigious civilian award PARMA SHREE for his outstanding contributions in Science and Engineering for the year 2013 by President of India.



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