Infosys Prize **Engineering and Computer Science 2016**



V. Kumaran

Professor, Department of Chemical Engineering, Indian Institute of Science (IISc), Bangalore

- B. Tech. in Chemical Engineering from Indian Institute of Technology, Madras
- Ph.D. in Chemical Engineering from Cornell University, USA

Prof. Viswanathan Kumaran has pioneered the study of transition and turbulence in the flow through soft-walled tubes and channels, an area of immense importance in the fields of cardio-vascular and pulmonary flows, as well as for lab-on-a-chip technologies.

"Failure and success are inevitable. Failure in research basically means that we thought we understood something but actually it didn't turn out to be the way we thought it was. And when that happens, of course we have to go back and look step by step at all of the assumptions - go back to the basics and work back up again."





and urban populations.

medicine.

