

## **Mukesh Sharma; PhD, FNAE**

Dr. Mukesh Sharma, a Professor in the Department of Civil Engineering, Indian Institute of Technology (IIT) Kanpur, India, is a fellow of the Indian National Academy of Engineering and member of World Health Organization (WHO) advisory group on air pollution and UN Sustainable Development Goals.

Dr. Mukesh Sharma obtained his bachelor's degree in Civil Engineering from University of Indore, Master's degree in Civil Engineering from IIT Kanpur and a Ph.D. Degree from University of Waterloo, Waterloo, Canada in 1994. Prior to Joining IIT Kanpur in 1997, he was employed with Central Pollution Control Board (CPCB), Delhi. He has been a visiting professor at University of Guelph, Canada and Kyoto University, Japan. His areas of research: air quality monitoring, modelling and management, exposure assessment and simulations. He has published/presented over 130 papers in journals and conferences. His significant contributions include (i) expert adviser to international agencies, WHO, International Council for Clean Transport (ICCT), Clean Air Asia, Manila, UNEP and the World Bank; (ii) development of national air quality index for the overall status of air quality and health impacts; and (iii) formulation of national air quality standards. International, national media and journals have highlighted his work; Nature, Science, The Economist, UK, British Broadcasting Corporation, Time Magazine, and Wall Street Journal.

### **Selected Awards and Recognitions**

- World Health Organization (WHO) Global Air Pollution and Health - Technical Advisory Group Member, 2021
- Air Quality Research Lifetime Achievement Award, 2020 (IICAQM; IIT Madras, University of Bath, UK, Australian National University, Canberra)
- Vasvik Award for Environmental Science & Technology, 2019
- Kong Ha Award in Air Quality from Clean Air Asia, a UN supported foundation, 2012
- Associate Editor, Int. Journal Env. Engineering Science and Journal of Urban Climate
- Member Editorial Board, Int. Journal Human and Ecological Risk Assessment
- Hiyoshi Environmental Award, Hiyoshi Corp., Japan, Excellence in Research and Technology, 2012
- Recipient of Japan Society for the Promotion of Science (JSPS) Fellowship, 1998
- Ministry of Environment (Ont.), Canada award for excellence in Research and Technology Development, 1994
- Recipient of Faculty of Engineering Award for Excellence in Graduate Studies, University of Waterloo, Waterloo, Canada in three successive years: 1991, 1992 and 1993