

## ***Prof. M. M. SHARMA***

### ***EMERITUS PROFESSOR OF EMINENCE***



Man Mohan Sharma FREng (born May 1, 1937 in Jodhpur, Rajasthan) is an Indian chemical engineer. He earned Bachelor of Chemical Engineering (1958) from UDCT (ICT) and subsequently MSc (Tech.) in 1960. Then he went overseas to receive his Ph.D. (Chemical Engineering) degree (1964) from the Cambridge University, Cambridge, UK under the tutelage of Prof. P. V. Danckwerts.

In 1964, he returned to India as Professor at the University of Bombay, and later became the Director of the University Department of Chemical Technology (UDCT), now ICT (Institute of Chemical Technology - A Deemed University). Professor Sharma made pioneering contributions to chemical engineering science and technology. He served the institute for 33 years.

Under his stewardship, ICT got autonomy of UGC. He brought about all-around improvement in all the departments of the Institute leading to exceptionally high number of Ph.D.s each year per faculty member. He served in Petroleum and Natural Gas as Chairman of the SAC and in the SAC to Cabinet and PM. He was INSA Council Member (1980-82) and Vice President (1987-88). He has been honored by several universities including IITs by honorary doctorates.

## ***Awards***

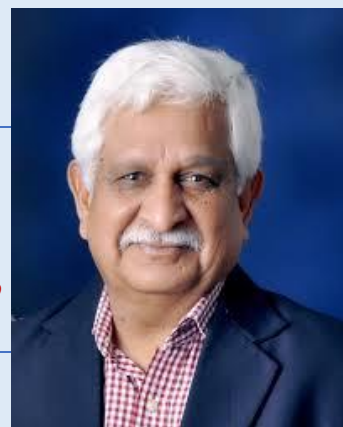
He has been awarded the Leverhulme Medal of the Royal Society, the S.S. Bhatnagar Prize in Engineering Sciences (1973), FICCI Award (1981), the Vishwakarma medal of the Indian National Science Academy (1985), G.M. Modi Award (1991), and Meghnad Saha Medal (1994) among others.

In 1990, Professor Sharma became the first Indian engineer to be elected as a Fellow of the Royal Society, London. He is a Fellow of the Indian Academy of Sciences, Bangalore, Indian National Science Academy, Delhi, Honorary Fellow of the National Academy of Sciences, Allahabad and The World Academy of Sciences (TWAS), Trieste. Subsequently he was elected Honorary Fellow by the Royal Academy of Engineering and is Foreign Associate of the US National Academy of Engineering.

He was conferred with the high civilian honors, e.g., Padma Bhushan (1987) and the Padma Vibhushan (2001) by the President of India.

## **Prof. S. CHANDRASEKARAN**

**INSA Sr. SCIENTIST & HONORARY PROFESSOR**



Srinivasan Chandrasekaran (born November 15, 1945 in Tamil Nadu) is an Indian organic chemist. He earned his B.Sc. and M.Sc. degrees from the Vivekananda College, University of Madras, Chennai. He obtained his Ph.D. in 1972 from the University of Madras with Prof. S Swaminathan on oxy-Cope rearrangement and studies on the synthesis of novel norbornane derivatives. He moved to the Harvard University, Cambridge, USA (1973-75 and 1976-77) to work as a Research Associate on the (first successful) synthesis of gibberellic acid, with Prof. E. J. Corey. He worked as a Scientist at the Syntex Research Laboratories, Palo Alto, California (1975-76) on the  $\beta$ -lactam antibiotics.

In 1978, Chandrasekaran joined as a Lecturer at the Department of Chemistry, IIT, Kanpur. In 1989, he moved to the Department of Organic Chemistry, Indian Institute of Science, Bangalore, where he served as the Chairman of the Department and Chairman of the Division of Chemical Sciences and Dean, Faculty of Science. He is a synthetic organic chemist who is internationally recognized for his contributions to methodology development.

He served as an executive committee member and chair of the IUPAC, Secretary of the Indian Academy of Sciences and the President of the Chemical Research Society of India. He was as an Honorary Professor, Jawaharlal Nehru Center for Advanced Scientific Research, Jakkur, Bangalore. Formerly an INSA Distinguished Professor, presently he is an INSA Senior Scientist at the Indian Institute of Science.

### **Awards**

He has been awarded the Basudev Banerji Medal & Prize, Indian Chemical Society (1988), the Shanti Swarup Bhatnagar Prize in Chemical Sciences (1989), Ram S. Goyal Award in Chemistry (2006), Golden Jubilee Commemoration Medal, INSA (2007), J. C. Bose National Fellowship (2006-2013), Doctor of Science (Honoris Causa), North Bengal University (2011), SERB Distinguished Fellowship among others.

He is an elected Fellow of the Indian Academy of Sciences, Bangalore, Indian National Science Academy, Delhi, and The World Academy of Sciences (TWAS), Trieste.