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Guest Editorial

Professor Jyeshtharaj Bhalchandra Joshi on His 70th Birthday



Professor Jyeshtharaj B. Joshi

Professor Jyeshtharaj B. Joshi is one of the well-known names in the fields of chemical and nuclear engineering. He was born on the May 28, 1949, in Masur, Satara, Maharashtra, India. He received his B.E., M.E., and Ph.D. degrees in 1971, 1972 and 1977, respectively, in chemical engineering from the University Department of Chemical Technology (UDCT), presently the Institute of Chemical Technology, Matunga, Mumbai, India. He did his Ph.D. thesis under the supervision of Professor Man Mohan Sharma.

After finishing his Ph.D. in 1977,

Professor Joshi worked at the UDCT in different positions and retired at the age of 60 as its Director in 2009. During his work at the UDCT, Professor Jyeshtharaj B. Joshi was involved in several activities. For instance, he organized around 200 science workshops within the period 1999–2000. He was one of the key persons for getting the research funds by the way of research contracts, donations, and project consultancies. After his retirement, he joined as a Homi Bhabha Chair Professor in the Homi Bhabha National Institute, Department of Atomic Energy (DAE), Anushaktinagar, Mumbai. Currently, he is working as emeritus professor in the Department of Atomic Energy (DAE), Anushaktinagar, Mumbai.

During his academic life at different places in India, Professor Joshi has published several articles, reports, and textbooks on computational fluid dynamics, nuclear reactor design, and multiphase flow such as Refs. [1] and [2]. In the field of nuclear engineering, Professor Joshi has published many articles in the recent years such as Refs. [3–13].

Professor Jyeshtharaj B. Joshi has served on the Editorial Advisory Boards of several well-known and peer reviewed international journals like the Canadian Journal of Chemical Engineering, Chemical Engineering Research and Design, Chemical Engineering Science, and Reviews in Chemical Engineering.

He is also J.C. Bose Fellow in the Institute of Chemical Technology, Mumbai, Fellow of the Indian National Science Academy (FNA), and Fellow of the Academy for the Developing World (TWAS). In addition, he is the recipient of several national awards such as INSA Medal for Young Scientist in 1981, Amar-Dye-Chem Award for Excellence in Research and Development in 1983 given by the Indian Institute of Chemical Engineers. In 1991, he received The Shanti Swarup Bhatnagar Prize for Science and Technology given by the Council of Scientific and Industrial Research (CSIR), which is named after the founder Director of the Council of Scientific and Industrial Research, Shanti Swarup Bhatnagar. Also, he is the winner of Diamond Award of UDCT in 1994, Viswakarma Medal of INSA in 2000, Indian Institute of Chemical Engineers Award in 2007, and Zyed Hussain Zaheer Medal of INSA in 2008. In 2014, he received the Padma Bhushan award from the former Indian President Pranab Mukherjee, for his services to the field of nuclear science and chemical engineering.

On the occasion of his 70th birthday, on behalf of his colleagues, friends, and students all over the world, we wish Professor Jyeshtharaj B. Joshi a continuous active life in happiness and good health and a very happy birthday!

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