

Profile – Prof. Sartaj Swaroop Mathur



Prof. Sartaj Swaroop Mathur was a M.Sc., Ph.D. from Delhi University. He joined NPL in 1952 where he worked on ultrasonic absorption measurement techniques and measurement of organic liquids. He contributed a precision technique for ultrasonic absorption measurements. In 1962 he joined IIT, Delhi. Initially he contributed in building up courses for under-graduate and post graduate students while he also attended advanced courses in solid state physics from University of Sheffield and National Physical Laboratory, Teddington, UK under Colombo Plan.

At I.I.T he became professor of Physics and Head of the School of Energy Studies. He was responsible for formulation of a number of courses such as undergraduate and postgraduate engineering courses including engineering studies in solar energy at M. Tech. level, etc. During his 40 years at I.I.T, Delhi he held several positions for different periods at world renowned institutions including Institutional Coordinator at United National University, Tokyo, Minister responsible for Culture and Education at Embassy of India at Washington, U.S.A., Visiting International Scholar at Sinclair Community College, Dayton, Ohio, U.S.A.

Prof Mathur published about 100 papers in scientific journals and guided 12 students for thie Ph.D. work. His areas of research have been ultrasonics, Non-linear Acoustical effects in solids and Renewable Energy Resources –Solar Energy. Prof. Mathur retired from I.U. T. Delhi in 1993.

Prof Mathur was well travelled abroad in various countries of Africa, Far East, South Pacific Europe and America for presentation of papers, collaborative research activities and consultant at Commonwealth Secretarial and United Nations.

His present activities are as Chairman of Kendriya Vidyalaya at Rohini, Delhi, President of S.P. Institute of Continuing Education and Research, New Delhi, Executive Director of Science Olympiad Foundation, New Delhi, and Chairman of Awards Committee of USI.

He has memberships/ Fellowship of several professional societies, which includes Acoustical Society of India, Ultrasonics Society of India, Indian Society for Technical Education, Solar Energy Society of India and International Renewable Energy Systems Association of the Unite Nations University, Tokyo. Further, he is also presently ember of Executive Council of USI and Editorial Board of Journal of Pure and Applied Ultrasonics.

Prof. S S Mathur publication data

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