



## Dr. P. V. Thomas

Dr. P. V. Thomas is the Founder and Director of the Thin Film Lab at Mar Ivanios College, Trivandrum, Kerala, India. He is a former professor and head of the Department of Physics at Mar Ivanios College and member of the Board of Studies (Nano Science and Nanotechnology), University of Kerala. He is a distinguished member on the editorial Review Board of *The Chemist* and a strong supporter of the journal. In addition to teaching thousands of undergraduate and graduate students over his career, Professor Thomas has carried out pioneering work in thin films and nanoscale material fabrication and photoluminescence studies with considerable overlap with chemical sciences.



His research interests include thin film fabrication by RF magnetron sputtering and sol gel methods, photocatalytic thin films of

doped/alloyed TiO<sub>2</sub> and ZnO<sub>2</sub>, rare earth doped luminescence thin films, and transparent conducting oxide thin films. Dr. Thomas has published extensively in highly regarded journals such as the *Thin Solid Films*, the *Journal of Nanoscience and Nanotechnology*, the *Applied Surface Science*, *The Chemist*, and the *Journal of Sol-Gel Science and Technology*. He has designed a dip coating system for thin film fabrication and RF magnetron for sputtering systems.

A physicist by training, Dr. Thomas received his bachelor's degree from University of Kerala, master's degree from Sardar Patel University and doctorate from University of Kerala, India. He is a member of the Materials Research Society and the Indian Vacuum Society. Dr. Thomas is a sought after guide for master's and doctoral research students, post doctoral students and university faculty on sabbatical. His Thin Film Lab has received guest scientists and visiting professors from Florida Atlantic University, USA and Advanced Research Chemicals, USA.

His pleasant personality is a magnet that attracts people of diverse backgrounds to engage in thought provoking discussions with him. Dr. Thomas is someone who is not prejudiced about one field or another, but rather someone who is genuinely interested in scientific inquiry towards the welfare of mankind. In fact, this openness makes Dr. Thomas unique among physicists who embrace chemical sciences in pursuit of their quest for understanding the world around. Indeed, Dr. P. V. Thomas is a highly dedicated distinguished scientist, and a friend of chemistry.