



INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

2nd Samarendra Nath Sen Memorial Lecture

Speaker : **Professor David Devraj Kumar**
Florida Atlantic University

Topic : Sustainable Science Education Strategies for the General Public

Date & Time : February 15, 2007 at 4.00 PM

Venue : C V Raman Hall, IACS

All are cordially invited to attend.

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Sustainable Science Education Strategies for the General Public

Sustainable strategies for promoting science awareness and science literacy among the general public are explored. Educating the general public is a complex task, and there is no one-size-fits-all strategy. Efforts should include educational approaches that enable students to think about how science and technology interact with society and their personal lives as they progress through elementary, secondary and college classrooms. Informal science education through science museums, planetariums and discovery centers is another strategy. Also, steps to educate key decision-makers in the public sector should not be overlooked.

About the Speaker

Professor David Devraj Kumar is Professor of Science Education and Associate Dean of Research and Graduate Studies in the College of Education at Florida Atlantic University. He earned his doctorate in science education from Vanderbilt University and a master's in analytical chemistry from the University of Louisville. He was born and raised in India. He is a former postdoctoral fellow at The Ohio State University, and guest scholar in governmental studies at The Brookings Institution. His research interests include problem-based hypermedia learning environments anchored in nanomaterials, user-computer interface in chemistry problem solving, science-technology-society studies, evaluation and policy. He promotes science education and scientific literacy. He has served as PI or Co-PI of federal and state funded projects totaling over two million dollars. He has published extensively in refereed journals including books with Kluwer Academic/Plenum Publishers (e.g., Kumar, D. D., & Chubin, D. E. (eds), Science, Technology, and Society: A Sourcebook on Research and Practice). He has received several awards for teaching and research. Professor Kumar is past president of the American Institute of Chemists, past vice-president of the Policy Studies Organization, and a member of the Council of Scientific Society Presidents. He has been elected as a Corresponding Associate of The Catholic Academy of Sciences in the United States of America, and a member of the European Academy of Sciences and Arts. He is a Fellow of the American Institute of Chemists and the Royal Australian Chemical Institute, and a life member of the Indian Association for the Cultivation of Science. Professor Kumar sits on the editorial boards of the Journal of Science Education and Technology, the Journal of Materials Education, the Policy Futures in Education, and the Educational Technology Research and Development.