Four Essential Questions

Arthur Eisenkraft
Distinguished Professor of Science Education, Professor of Physics
Director, Center of Science and Math in Context (COSMIC)

University of Massachusetts Boston
Boston, MA, USA

6:00PM to 7.30 PM
Wednesday, January 14, 2015

Bharatiya Vidya Bhavan
# 43, Race Course Road, Bengaluru, Karnataka 560008

Registration: The talk is free and open to all. However prior registration would be helpful. Register [here](#)

Seating will be on a first-come-first-serve basis. Kindly be seated 15 minutes prior to the start of the talk

Enquiries: [events@apu.edu.in](mailto:events@apu.edu.in)

Facebook Event: Click [here](#)

About the Talk

T.S. Eliot asked, “Where is the knowledge we have lost in information.” We learn in school that the Earth goes around the Sun, that water is H₂O and that an atom is composed of a nucleus surrounded by electrons. These facts tell us little and are not enough to succeed in a twenty-first century world. More important than knowing “what do these facts mean” we must also ask “how do we know?” and “why do we believe?” and “why should I care.” Professor Eisenkraft will describe how an emphasis on these four essential questions propels us to better science education and increased understanding of science and other fields of inquiry.
About the Speaker

Arthur Eisenkraft, PhD, is one of America’s leading science educators. For 25 years, he taught high school physics and was a 6-12 science coordinator. He is past president of the National Science Teacher Association and is currently chair of the Science Academic Advisory Committee of the College Board. He is project director of the NSF-supported Active Physics curriculum project that is introducing physics instruction for the first time to all students and leading a similar effort with Active Chemistry. He is chair and co-creator of the Toshiba/NSTA ExploraVision Awards, involving 15,000 students annually.

His current research projects include investigating the efficacy of a second generation model of distance learning for professional development; a study of professional development choices that teachers make when facing a large scale curriculum change and assessing the technological literacy of K-12 students.

He has received numerous awards recognizing his teaching and related work including the Presidential Award for Excellence in Science Teaching, the American Association of Physics Teachers Millikan Medal, the Disney Corporation’s Science Teacher of the Year, and the NSTA Robert Carleton Award. He is a fellow of the AAAS, holds a patent for a laser vision testing system and was awarded an Honorary Doctorate from Rennssalaer Polytechnic Institute.

About Azim Premji University

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