

Institute Lecture



Prof. Vishwanath Prasad

University of North Texas, USA

Energy: Human Evolution to Present Day Conflicts



@ 6.15 pm | Friday, August 2, 2019
Venue: L17, LHC

About the talk

Natural selection of energy strategies, extrasomatic adaptation, and discovery and control of fire are at the root of human evolution, civilization, and culture. The present lecture will examine long-time records of availability and use of energy resources, particularly fossil fuels that have dictated human behavior, and more often, poor-governance, disputes and conflicts. It will be shown that the correlation is indeed strong, and prosperity and security of countries such as India depend heavily on energy availability and utilization. Although environmental impact of fossil fuels and global warming are bringing countries together and use of renewables can greatly help, the exploration for new reserves of fossil fuels and search for new resources may create more global challenges.

About the speaker

Professor Vishwanath (Vish) Prasad, is a Professor of Mechanical and Energy Engineering at the University of North Texas. Professor Prasad's research spans applications of fluid and thermal sciences to transport in porous media, thermal processing of materials - growth of large, high quality silicon crystals to thin film processing and thermal sprays, and energy materials/devices. Apart from over 200 refereed journal publications and a number of awards, he is a Fellow of American Society of Mechanical Engineers. Professor Prasad has held various academic leadership positions that include Associate Dean of Engineering for Research and Graduate Studies at the State University of New York, Stony Brook, Executive Dean/Dean of Engineering at Florida International University, and Vice President for Research and Economic Development at the University of North Texas. He is an alumnus of IIT Kanpur.

All are invited to attend

Dean of Research and Development