

# Institute Lecture

(Under the aegis of the lecture series "Making of a University")

## Technical Higher Education System in India

Prof. Avijit Gangopadhyay



July 26, 2019 Time: 17:00 Hrs. Venue: L 14, Lecture Hall Complex

### Abstract

The talk will deal with a short and selected set of comparisons of the different higher education systems being practiced in different countries such as Brazil, China, India and the United States. The pros and cons of these systems will be highlighted. Specific suggestions will be made on the short-term and long-term changes that can be experimented with in the current higher education setup in India, especially within the IITs. The proposed evolution in the education system can eventually contribute towards the achievement of the broader goals of the society.

### About the Speaker

Prof. Avijit Gangopadhyay has been widely travelling since last thirty years and is closely associated with the higher education systems in various countries. He was instrumental in setting up the Center for Oceans, Rivers Atmosphere and Land (CORAL) in IIT Kharagpur, School of Earth Ocean and Climate Sciences in IIT Bhubaneswar and joint Masters degree programme in Engineering between IIT Kharagpur and the University of Massachusetts (UMass) at Dartmouth. He firmly believes that the present systems of high education in different countries could use a number of forward looking changes based on (i) our past and present experiences in individual countries, (ii) learning from each other and (iii) our mutual understanding of where the world is going in a collective sense.

Prof. Gangopadhyay is a professor at the School of Marine Science & Technology at UMass Dartmouth, where he was interim Dean and Associate Dean for seven years. He holds a BTech (1979) in Naval architecture from the Indian Institute of Technology Kharagpur, an MTech in applied mechanics from the Indian Institute of Technology Delhi and a PhD (1990) in ocean engineering from the University of Rhode Island. He was a research associate at Harvard University and a scientist at the Jet Propulsion Laboratory before joining UMass Dartmouth in 1997. He has held multiple visiting, distinguished and honorary professorships at Harvard, the Institute of Oceanography of the University of São Paulo (Brazil), the Indian Institute of Science (Bangalore), IIT Kharagpur, and IIT Bhubaneswar. He spends 6-8 weeks every year teaching and researching at various IITs and in Brazil. He has served as advisor and mentor to more than 40 MS and PhD students and postdoctoral fellows who have gone on to fill significant positions in the global ocean science community.

Tea@ 16:45 Hrs.

All interested are Welcome.

Dean of Academic Affairs

Indian Institute of Technology Kanpur