

**“Framework for Indo–US Nuclear Education Cooperation”**

Victor Menezes Convention Centre, IIT Bombay

9:30 AM – 01:00 PM, October 01, 2011

Presented by  
**American Nuclear Society India Section**  
 in Association with  
**Department of Mechanical Engineering IIT Bombay**  
 Sponsored by  
**Reltech Consulting**

As a part of the Indo–US Nuclear Energy Safety Summit 2011 to be held on September 30, 2011, it is proposed to have a half day symposium on “Framework for Indo–US Nuclear Education Cooperation” on October 1<sup>st</sup>, 2011 at IIT Bombay. The program will consist of two brief talks on the nuclear engineering academic and research programs in India and the US followed by three panel discussions.

The objectives of the symposium are to address the possibilities of collaborations in the academic & research spheres between the universities in the two countries and to provide a platform to the industrial partners to better engage with the academic counterparts to evolve research programs that will benefit the industrial community.

USA has a vibrant nuclear engineering education program and India is on the verge of a rapid expansion in this area on account of rapid growth in nuclear power industry in India. There will be a large incentive for both Indian and US academic institutions to collaborate in enriching their activities. Student exchange programs for a semester will add value to students on both sides in terms of providing exchange information as well as to experience the culture. Faculty exchange programs may result in optimum utilisation of faculty resources in nuclear engineering. New collaborative programs supplementing each other’s effort as well as sharing of the research facilities can lead to cost effective research. Joint programs can be devised to build new infrastructure on both sides with the more experienced faculty from one side mentoring the students from the other side. Such activities, if clearly identified, would lead to an enriching academic and research activity for both sides. Often there is a feeling on both Academic and Industry sides that the other side is not doing enough to promote industry–academic interaction. If the industry has to provide safe and viable technology, this engagement is crucial as the academic will bring in new tools and techniques to the industries.

**Program: October 01, 2011 (9:30 AM – 01:00 PM) Venue: Victor Menezes Convention Centre, IIT Bombay**

09:00 AM – 09:30AM	<b>Registration (free):</b> tea and snacks, networking	
09:30 AM – 09:35AM	<b>Introduction to the Symposium:</b> Dr. Alok Mishra	
09:35 AM –09:40 AM	<b>Welcome Address:</b> Prof. Rangan Banerjee, Dean R&D IIT Bombay (Proposed)	
09:40 AM –10:00 AM	<b>Current status of Nuclear Engineering Academic Program &amp; Research in India:</b> Prof Kannan Iyer	
10:00 AM –10:20 AM	<b>Current status of Nuclear Engineering Academic Program &amp; Research in USA :</b> Prof Yousry Y. Azmy	
10:20 AM –10:40 AM	Tea Break	
10:40 AM – 11:25 PM	<b>Panel Discussion–I: Indo–US Academic Exchange: Scopes and Possibilities</b>	
	India	USA
	Prof Prabhat Munshi (Co–Chair) Prof Shriram Paranjape Prof Amitava Gupta	Prof. Sama Bilbao y Leon, VCU (Co–Chair) Prof Yousry Y. Azmy, N.C. State Univ. Prof. Sukesh Aghara, PVA Univ.
11:25 PM – 12:10 PM	<b>Panel Discussion–II: Indo–US Bilateral Academic Research Program: Expanding the Horizon</b>	
	India	USA
	Prof Kannan Iyer (Co–Chair) Mr. S.F. Vohra Prof T. Sundararajan	Prof. Sukesh Aghara, PVA Univ. (Co–Chair) Ms. Shika Prasad, Univ. of Michigan Dr. Eric Loewen, President ANS
12:10 PM – 12:55 PM	<b>Panel Discussion–III: Breaking the Barriers Between Education, Research and Technology</b> Session Chairman: Prof J.B. Joshi, Homi Bhabha Distinguished Chair Professor and J.C. Bose National Fellow	
	India	USA
	Prof Manmohan Pandey Prof Prabhat Munshi Mr. S.F. Vohra	Dr. Eric Loewen, President ANS Prof. Sama Bilbao y Leon, VCU Dr. Corey McDaniel
12:55 PM – 01:00 PM	<b>Vote of Thanks:</b> Dr. Alok Mishra	