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## Colloquium

### India's Nuclear Energy Program : prospects and problems

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The talk will begin with a brief introduction to nuclear fission and reactors just to remind those who may be a little rusty. We will then outline the history and current status of nuclear energy around the world. India's nuclear program will be discussed in that global context.

The progress made so far in our program and the ambitious plans for a much faster growth in the near future will be summarized. Various factors which are relevant to the success of these plans, such as the Indo-US nuclear Deal of 2008, the availability of reactor fuel, the power plants proposed to be built in India by Russia, the US and France, the post-Fukushima public concern over the hazards posed by reactors, the accident liability laws and regulatory structure governing nuclear energy, will all be examined.

***Wednesday, Oct 29th 2014***

***4:00 PM (Tea/Coffee at 3:30 PM)***

***Seminar Hall, TCIS***