

Nuclear Awareness through EduSat

Background: As a part of NPCIL's Public Awareness initiatives, a new project "Nuclear Awareness through EduSat" has been launched to create awareness on nuclear power among students and academicians. For this, NPCIL has joined hands with the Educational Multimedia Research Centre (EMMRC) wing of Anna University, Chennai. EMMRC is one of the Satellite Interactive Terminals (SITs) in the country that makes videos on numerous topics and telecast through CEC-EduSat (Educational Satellite). EduSat is a satellite, launched by ISRO, exclusively devoted to meet the demands of educational sector that empowers teachers, academicians, officials and all other user groups on scientific & technological aspects and the applications of science & technology in day-to-day life.

The Programme: In this collaborative programme "Nuclear Awareness through EduSat," a series of video programmes on various topics of nuclear power is planned in the Vyas TV channel. To begin with, live video lectures on five different topics related to nuclear power by respective subject experts are scheduled to telecast in July 2013. Following are the details of the programme schedule:

Telecast Schedule: From July 8 to July 12, 2013 (at 14:00 hrs daily)

S.No.	Programme Topic	Expert
1.	Role of Nuclear Power in Indian energy Scenario	Mr. M. Venkatachalam Operations Superintendent, Madras Atomic Power Station(MAPS)
2.	Principles of Nuclear Power Generation	Mr.S. Radhakrishnan Station Reactor Physicist, MAPS Mr.S. Ravi Shankar Technical Audit Engineer, MAPS
3.	Safety Features of Nuclear Power Plants	Ms. R.M. Nachammai Sr. Technical Engineer, Nuclear Systems, MAPS Mr. M. Venkatachalam Operations Superintendent, MAPS
4.	Environmental Impacts of Power Generation System - A Comparison	Mr.S. Ravi Shankar Technical Audit Engineer, MAPS
5.	Natural & Man-made Radiation	Dr. B. Venkataraman Associate Director, RSEG, Indira Gandhi centre for Atomic Research Mr. Venkatachalam Operations Superintendent, MAPS

Vyas Channel: The Vyas channel in which the above programmes are going to be aired can be watched in:

Cable and Satellite: GyanDarshan-4 (Vyas)

DTH Platform: DD Direct | Dish TV

Websites: www.cec.nic.in | www.cec-ugc.nic.in | www.youtube.com | <http://webcast.gov.in/vyaslive/>

All are requested to watch these live video programmes on nuclear power