



न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LIMITED
(भारत सरकार का उद्यम A Govt. of India Enterprise)

मद्रास परमाणु बिजलीघर MADRAS ATOMIC POWER STATION
कल्पाक्कम Kalpakkam तमिलनाडु Tamil Nadu - 603 102

March 13, 2014.

**Report on the Public Awareness Programme at Anna University, Chennai
Techno-Management Fest “WAVES-2014”**

As a part of public awareness program, to familiarize students about nuclear power as a clean and green energy and to kindle their inquisitiveness about nuclear power, an exhibition was organized by MAPS/ESL at the College of Engineering, Anna University, Chennai on 11/3/2014 as part of the National level Techno-Management festival “WAVES-2014”. WAVES-2014 is a national level technical symposium conducted by Students Association of Electrical and Electronics Engineers, Anna University, Guindy, Chennai.

The following personnel from MAPS/ESL participated in the Program:

S. No.	Name	Designation	Section
1.	Smt H. Rathika Ravi	SO/D	HPU
2.	Kum P. Suganyalakshmi	SO/C	OP
3.	Shri T. Jesan	SO/D	ESL
4.	Smt Anitha Manu	SO/C	ESL

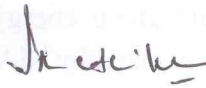
Knowledge dissemination was done with the help of models and displays depicting India's energy needs, three stage nuclear power program, Indian PHWR technology, etc. The exhibits were helpful to the students in visualizing the internal working of NPP and enthralled them on nuclear technology.


The displays on 3-stage nuclear power program enabled the students to understand the immense potential of nuclear technology for sustainable power generation needs in future. Several queries on the basics of the NPP working, deuterium, heavy water, etc. were asked and their apprehensions about radiation and nuclear waste management were allayed. In this context, the inherent safety features in PHWRs, defense in depth philosophy adopted and the disposal methods followed in MAPS were elaborated to the students to assure that nuclear power plants are as safe as, and safer than, thermal power plants.

Monitoring of environmental conditions around the nuclear facilities with respect to radiation levels was explained and the roles and responsibilities of ESL as an independent body to check environmental effects of radiation was emphasized. In addition to explanations on sampling procedures to monitor the radiation in milk, fish, grass and doses to public, the live demonstration by environmental radiation measuring devices to measure background radiation due to natural background such as granite, sand, etc. generated considerable interest and enthusiasm among the student community. The perspective on the insignificant contribution from nuclear facilities in comparison to natural background radiation was illustrated with charts and displays.

The students evinced a great deal of interest in career opportunities in the field of nuclear science/technology. The program was effective in clearing doubts among the young students about nuclear energy and increasing their interest in nuclear technology.

Some of the photographs are enclosed.


(H. Rathika Ravi),^{13.03.14}
SO/D, HPU

To 
OS/Chairman, PAPC

Cc to: Member-Secretary, PAPC

CS/SD-for kind information

Photographs of the PAP event at Anna University – WAVES-2014







