

Awareness Programme at Kendriya Vidyalaya (KV) Mankhurd

A seminar was conducted by Smt Rajee Guptan and Shri Sudesh Sharma at Kendriya Vidyalaya Mankhurd on 16th of April 2013 as part of public outreach. Kendriya Vidyalaya Principal Smt Padmavati received NPCIL officials and was keen to know how such programmes in the future can be arranged to cover all the senior students and teaching staff in the school. After the initial discussion, the officials were accompanied by PGTs to the assembly hall of the school where around 120 tenth standard students (boys and girls) were waiting for the interaction.

Shri Sudesh Sharma made the initial introductory presentation about Nuclear Reactors, Nuclear fuel and power production. Subsequently, Smt Rajee Guptan presented the safety aspects of Nuclear Reactor in a very simple easily understandable language. The presentation on Nuclear waste generated in the NPP's and the procedure adopted for their disposal, created enough curiosity among the students. Shri Sudesh Sharma concluded the session with photographic display of Nuclear Fuel, Uranium Pellet etc.

The response of the students for the overall presentation was enthusiastic and they attained the whole presentation lasting for two hours with rapt attention. These students were aware of the radiation symbols, knew about Uranium and its radioactivity quality. At the end of the presentation a group of them raised following questions –

- 1) What type of wastes are generated in a Nuclear Power Plant? Is it biodegradable.
- 2) How the gaseous waste is discharged from the chimney?
- 3) How the cooling tower works? Some confusion was prevailing that these towers are chimney.
- 4) How many years it takes for the solid waste to decay completely ?

All these queries were addressed. They were also told about our setup at Nehru Centre and few of them confirmed about visiting it.

Some senior teachers excitedly mentioned about her visit to TAPS-3&4 as part of their training last year and accepted that plant visit has really created a great impression (with respect to the(i) clean environment around the plant and inside the plant and (ii)the accessibility to various area without being contaminated). They also shown keen interest about lectures on Nuclear safety and operational aspects and expressed their desire to have many more such interactions with NPCIL officials.

CP&CC group's initiative in embedding the nuclear energy seminars/ lectures in the training courses and guest lecture series at ZIET and KVs is a significant milestone towards creating nation-wide awareness on the benefits of nuclear energy.

(RAJEE GUPTAN)
CE(PSA Studies)

Glimpses of the Awareness Programme at KV Mankhurd





