



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

काकरापार गुजरात स्थल KAKRAPAR GUJARAT SITE

डाक : अणुमाला, वाया व्‍यारा, जिला : तापी (गुजरात) 394651  
PO : Anumala, Via: Vyara, Dist. Tapi, Gujarat, Pin 394651



No.KGuj.Site/Site Director/2013/230

09<sup>th</sup> Sept., 2013

**विषय : Report on seminar on "Nuclear Energy-Powering the Sustainable Development" at C K Pithawala College of Engineering, Surat - reg.**

On the proposal of Kakrapar Gujarat Site, a seminar on Nuclear Energy was organised at C K Pithawala College of Engineering, Surat on 31/08/2013. The aim of the seminar was to spread the awareness about the Nuclear Power and the facts about the radiation among the college students & faculty members.

Shri R K Dubey, Senior Training Officer, KAPS explained necessity of nuclear power, Nuclear Power Plant operation (NPP), three stage nuclear power programmes of NPCIL, NPP safety systems and stringent safety provisions, comparison of waste generation in nuclear and thermal power plants, waste reprocessing and waste management.

Dr A K Patra, Head Environment Survey Lab (ESL), explained universal presence of radiation in environment around us. He explained radiation aspects of NPP operation in detail. He also demonstrated the radiation measurement in the class room and college campus and confirmed that natural radiation is present everywhere.

Questions of participants regarding breeder reactor programme, safety aspects in light of some nuclear accidents like Fukushima and Chernobyl were suitably addressed.

Total 145 participants including 126 students of Third & Final year of Mechanical & Electrical branch and 19 college faculties participated in the programme.

Photographs of the programme are attached for reference.

Prepared by



(R K Dubey)

STO (M)

Checked by



(K B Patel)

Trg. Supdt.

Issued by



(L K Jain)

Site Director

**Attachments:**

1. Photos taken during the above programmes are attached as Annexure-1.
2. Copy of the appreciation letter from the Institute as Annexure-2

**Distribution:** (Through E-mail)

**NPCIL**

1. CMD Office
2. Director(O)/ ED (O-PHWR)
3. ED(CP&CC)
4. Shri Sudesh Sharma, ACE (CP&CC)
5. Shri A.K.Jain, ACE(CP&CC)

**Kakrapar Gujarat Site**

1. SD/CS, KAPS-1&2
2. PD / CCE, KAPP – 3&4
3. CS, KAPP-3&4
4. AGM(HR)
5. Members of CPAP



Participants Listening lectures (31/08/2013)



Shri R K Dubey, Sr. Trg. Officer explaining NPP operation(31/08/2013)





Dr A K Patra, Head, ESL explaining facts about radiation(31/08/2013)



Participants attending the Lecture (31/08/2013)



**C. K. PITHAWALLA COLLEGE OF ENGINEERING & TECHNOLOGY**  
NEAR MALVAN MANDIR, VIA MAGDALLA PORT, DUMAS ROAD, SURAT-395 007

**Training & Placement Cell**

---

Letter No. /CKPCET/T & P/Thanks/2013/07

Date: September 02, 2013

To,  
**Mr. R. K. Dubey (Senior Training Officer)**  
**Dr. A. K. Patra (I/C Officer Environmental Survey)**  
NPCIL, Kakrapar, Dist-Tapi (Vyara)

**Sub:** Thanks for conducting Seminar on "Nuclear Energy-Powering the Sustainable Development".

**Ref:** Seminar organized for Registered Final Year Students and Faculty members dated 31-08-2013.

**Dear Sir(s),**

It was a great pleasure for us that you have conducted seminar on Nuclear Energy-Powering the Sustainable Development for our Final Year Students and Faculty members. Students putting step into the real industry got valuable information regarding the real time work situation of an Atomic Power Plant and skill set required for the same.

The effort for emphasizing importance of additional skill-set was better.

Once again thanks for your positive effort.

I would like to thank you for giving such kind of splendid opportunity, which put a brick of foundation in student's career.

This could have been impossible without your support. Your co-operation is really highly appreciable.

We are expecting such co-operation in future also.

With warm regards,

**Prof. Deepak C. Bhonsle**  
Associate Professor (EED) & I/C Head,  
Training & Placement Cell

---

Contact: Cell : +91 99250 19256 (M)  
Tel : +91 261 272 9292, 272 8282 Ext. 111 (O)  
Email : [tnp@ckpcet.ac.in](mailto:tnp@ckpcet.ac.in) / [ckpctnp@yahoo.com](mailto:ckpctnp@yahoo.com)  
Web : [www.ckpcet.ac.in](http://www.ckpcet.ac.in)