

*“ 15<sup>th</sup> National Technology Day”, at Science City– A'Bad*



**Students of SRPEC Explaining their Innovative idea for the presented Model during the Event 'Model presentation'**

Students from 2nd Civil and Mechanical of Smt. S. R. Patel Engineering College (SRPEC) Dabhi, Unjha along with a supervising faculty participated in the “ 15<sup>th</sup> National Technology Day ”, on 11th May 2013, at Science city – Ahmedabad.

Entries from various engineering colleges and technical institutes were short-listed from all over the county. SRPEC was among the only three engineering colleges in Gujarat , which got selected to participate and present their ideas during the competition. The participating students presented four different working models based on their innovative ideas.

**ABOUT THE COMPETITION :**

- ◆ The event was organized by “Department of Science & Technology, Government of Gujarat ”
- ◆ “Celebrated all over the country after the successful Pokharan II Test on 11<sup>th</sup> May 1998”



**PARTICIPANTS**

*Bhaumik Patel, Keyur Mevada*

*Ritesh Soni, Viren Patel,*

*Chinmay Patel, Mibir Patel*

*Jyotiba shekharat,*

**SUPERVISING FACULTY**

*Prof. Nikunj M Patel*

**Models Presented:**

Four different working models were presented during the competition, viz.

1. Online Traffic Control System - A model to measure the real time traffic (load) and controlling the traffic signal display with optimized timing
2. AC Control System in Maruti 800 - controlling the operation of AC with speed of Maruti 800.
3. Automatic Rain Measurement– A highly précised Tipping Bucket Rain Gauge was developed
4. SCARA Robot Control by PC - Model is developed where the movement of robot is completely controlled by Computer.



**SRPEC Participants with their Model**