

## “The Technical Event — Frolic 2012”, Rajkot



Students of SRPEC Explaining their Innovative idea for the presented Model during the Event ‘Frolic 2012’

Students from 7th Civil of Smt. S. R. Patel Engineering College (SRPEC) Dabhi, Unjha along with a supervising faculty participated in the “ Frolic 2012 – Technical Event”, during 31st August to 2nd September 2012, at Darshan Engineering College– Rajkot.

Entries from total 22 engineering colleges and technical institutes participated during the event. SRPEC received Second and Third awards in arena events. The participating students presented five different working models based on their innovative ideas. The Rain Measurement Model was awarded the Second Prize and Computerised Security System, Rakshitayam received the Third Prize.

### Models Presented:

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

1. Computerised Security System, Rakshitayam—Safe Home. A combined system to protect the home automatically from Fire and Theft.
2. Auto Missile— Launcher, Vajra Missile. A Launching Model based on Robotics
3. A Seismograph. A device developed with simple materials to

record earthquake and ground motion in a particular direction as a function of time

4. Automatic Rain Measurement— A highly précised Tipping

Bucket Rain Gauge was developed.

5. Agricultural Robot-for automatic tilling and ploughing of farmland.



SRPEC Participants with their Model

### ABOUT THE COMPETITION :

- ◆ Technical Event “**Frolic 2012**” organised at Darshan Engineering College, Rajkot.
- ◆ Competition of Working Models & Project Presentation.
- ◆ Two of the **College Models won** prizes, Rain Measurement Model Awarded **2nd Prize** and Security System Model Awarded **3rd Prize**.



### PARTICIPANTS

*Anant Patel, Brijesh Patel,*

*Harshad Patel, Hiren Patel,*

*Sanket Patel, Satish Patel*

*Umesh Patel , Vaibhav Patel .*

### SUPERVISING FACULTY

*Prof. Harshad Patel*

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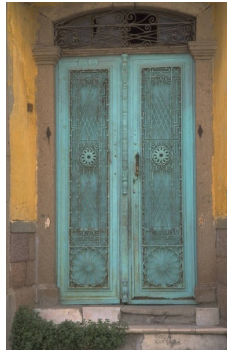
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