



# Smt. S. R. Patel Engineering College

4<sup>th</sup> National Level Technical Symposium

## Prakrusht – 2014

(11<sup>th</sup> April, 2014)

Convener  
**Dr. A. H. Shah**  
Principal, SRPEC  
SRPEC

**Co-ordinator:**  
**Prof. Jitendra R. Patel**  
**Co-Coordinator:**  
**Prof. Dixit M. Patel**

**Student:**  
Hitarth Patel (President)  
Nirmal Khamar (Vice-President)  
Ginal Patel (Co-Ordinator)  
Kaushal Patel (Co-Co-Ordinator)  
Bhavin Master (Co-Co-Ordinator)  
Harsh Dave (Secretary)

### Events

Simulation Based Innovative application  
Circuit Debugging  
Relay Programming  
Web Designing  
Structure  
Civil o Tress  
Aqua Race  
Robo Fight  
Robo Race  
Technical Documentary  
Pro-E-Modelling  
Paper Presentation  
Model Presentation  
Scissor Lifter

### About the symposium...

#### Summary

A 4<sup>th</sup> National Level Technical Symposium entitled “Prakrusht—2014” was conducted on 11<sup>th</sup> April, 2014. The organization and management was especially creditable. Other than the traditional crowd-pulling events, Prakrusht—2014 boasted of many new initiatives and interactive events. The effort that had been put by staff members, management and students was truly praiseworthy.

The aim of competitions & events at Prakrusht—2014 has been to cater to all genres of engineering and technology. This was ensured by having competitions like Robo Race, Robo Fight, Aqua Robo, Paper Presentation, Technical Documentary, Circuit Debugging, Scissor lifter, Simulation Based innovative Application, Web

Designing, Relay Program-  
ming, Civil-O-tress, Structure,  
Pro-E Modeling. All the events,  
like always, saw a huge turnout  
both in terms of enthusiastic par-  
ticipants and an exuberant audi-  
ence. It was also strategic in get-  
ting hold of a floating crowd and  
ensuring huge numbers for any  
announcements/news etc. Almost  
everyone who attended Prakrusht—  
2014 would agree that Lecture  
Series was indeed its highest point.

#### Objective

The main objective of the  
Prakrusht-2014 was to bring all the  
students of engineering together by  
various types of competitive  
events. It will help to encourage  
the students and perk up of techni-  
cal and edifice skills of the engi-



#### Organized by,

Smt. S. R. Patel Engineering Col-  
lege  
At & Po. Dabhi, Ta. Unjha– 384265  
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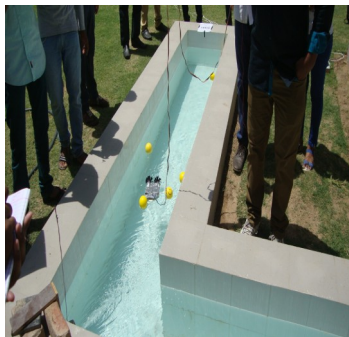
### Inauguration Function

neering students

Inauguration function was held on 11<sup>th</sup> April, 2014 at 9.30 am by lighting the lamp in the auspicious presence of honourable guests including Mr. R.H. Rajput, Mr. Narottam Sahoo, Mr. R. H. Patel (Chairman, SRPEC), Dr. A. H. Shah (Principal, SRPEC), Prof. D.M. Patel (Co-coordinator, Prakrusht - 2014), & Mr. Hitarth Patel (President) (Prakrusht - 2014)

**11<sup>th</sup> April, 2014 :**  
(9.30 A.M.—10:30 A.M.)





### Simulation based innovative Application

A new invention is the creation and introduction of some product, appliance or a concept that is not in use at present. A new invention is the designing and processing and introducing a new product or technique, made on a basic concept that is not in existence at present. An innovative design differs from a new invention.

**Faculty Coordinator:**  
Prof. Bhavin G. Patel  
**Faculty Co-coordinator:**



### Circuit Debugging

Circuit Debugging is an event, in that participants have to make various analogy and digital circuits. The event was for the enhancement of student's critical thinking skills, to make assessment of the available scientific circuit

**Faculty Coordinator:**  
Prof. Ravi P Patel  
**Faculty Co-coordinator:**  
Prof. Sachin B Patel

**Participants: 50**

### Robo Race

Robo race pre qualified round was organized on 7th March, 2013, to showcase the talents possessed by the students in fields of robotic specified design. Final round based on marking system decided by the jury member was organized on 8th March, 2013.

**Faculty Coordinator:**  
Prof. Manoj P. Rajpara  
**Faculty Co-coordinator:**  
Prof. Rajesh Kumar

**Participants: 34 groups**

### Civil-o-tress

Some questions are given to the students. Questions asked by showing the power point presentation. These all questions are based on civil technical knowledge. These rounds are clarifying the deep knowledge of civil engineering.

**Faculty Coordinator:**  
Prof. Bhavin G. Patel  
**Faculty Co-coordinator:**  
Prof. Ankita S. Patel

**Participants: 51**



### Structure

Structure is a replica of an original building. This type of events category gives students the opportunity to develop their mind to create the structure which carries maximum strength with minimum resources and minimum efforts.

**Faculty Coordinator:**  
Prof. A.Y. Salariya  
**Faculty Co-coordinator:**  
Prof. Ms. K. R. Patel

**Participants: 90**

### Robo Fight

Robo fight pre qualified round was organized on 7th March 2013, to showcase the talents possessed by the students in various fields of robotic specification arts. Final round based on marking system decided by the jury member was organized on 8th March 2013

**Faculty Coordinator:**  
Prof. Snehal S. Patel  
**Faculty Co-coordinator:**  
Prof. Pramod Pawar

**Participants: 20 groups**

### Aqua Robo

Aqua race is an event in which a robo have to cover a water area in a prescribed time.

This events was organized on 8th March, 2013.

**Faculty Coordinator:**  
Prof. Manish D. Patel  
**Faculty Co-coordinator:**  
Prof. Manzoor Ali



## Paper Presentation

Technical papers were presented in all the four branches of engineering offered by the college.

**Faculty Coordinator:**

Prof. P.R.Mistri

Prof. H. H. Patel

Participants:15



## Model Presentation

Technical models were presented in all the four branches of engineering offered by the college.

**Faculty Coordinator:**

Prof. S B Patel

Prof R P Patel

Participants:



## Pro-E Modelling

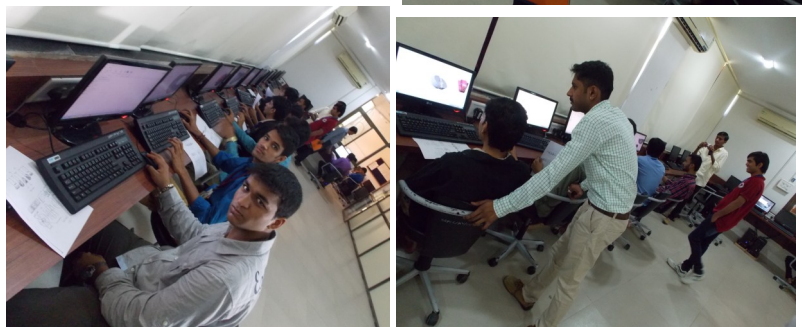
Pro/ENGINEER is a feature-based, parametric solid modelling system with many extended design and manufacturing applications. As a comprehensive CAD/CAE/CAM system, covering many aspects of mechanical design, analysis and manufacturing.

**Faculty Coordinator**

Prof. V. P. Rajput

Prof. N. A. Bhrambhatt

Participants:28



## Relay Programming

The battle ground is set, this time, for the quest of that Programming gladiator. Prove yourself in the test of not only Skills but also endurance as you make your way through a series of challenges with C, C++ as your weapons.

**Faculty Coordinator**

Prof. R. L. Patel

Prof. Ruchita P Patel

Participants:19

## Scissor Lifter:

Lift the maximum load using the scissor lifter.

**Faculty Coordinator:**

Prof H C Patel

Prof J B Patel

Participants:17



## Web Designing

This technical competition is all about designing the web-page using your language knowledge

**Faculty Coordinator:**

## Technical Documentary:

Technical documentary gives platform to the student by making innovative thoughts in form of short films

**Faculty Coordinator:**

Prof D D Patel





Winners of the Events

EVENT	RANK	NAME	COLLEGE
CIRCUIT DEBUGGING	1	PATEL VICKY S PATEL MILAN S	SPCE/LCIT
	2	PATEL KEYUR D KYADA PANKAJ P	LCIT
STRUCTURE	1	MODI URVISH V. GNATRA HIRAL S.	MEC,BASNA
	2	MEVADA PARTH PATEL HIREN PATEL HARDIK I.	SRPEC
SIMULATION BASED INNOVATION APPLICATION	1	PATEL ATIN P.	SRPEC
	2	PATEL MAULIK J.	SRPEC
RELY PROGRAMMING	1	PATEL JAY	SRPEC
	2	VAGHELA MAYUR SINH	SRPEC
PAPER PRESENTATION	1	MEVADA KEYUR R.	SAMARTH COLLEGE,
	2	VYAS JAY V. PRAJAPATI ROSHNI G.	SRPEC
	3	THAKKAR YASH J VAGHELA SAPANA	GEC,PALANPUR
PRO-E MODELING	1	PATEL DARSHAN	SRPEC
	2	SUTHAR DARSHAN	SRPEC
MODEL PRESENTION TATION	1	NATHANI VIPUL V. SHAH SHREY S. PATEL JAY A.	ATMIYA,RAJKOT
	2	BHIMANI GAUTAM PATEL DHAVAL	LCIT
SCISSOR LIFTER	2	PATEL GUNJAN A. PATEL KISHAN J. PANCHAL KALPESH	SRPEC
	3	PANCHAL YOGESH CHAUDHRY DHIREN PRAJAPATI VIVEK	SRPEC
	3	PATEL VIVEK PATEL HARDIK PATEL VIJAY	SRPEC
ROBO RACE	1	PATEL AJAY	SRPEC
	2	MAKWANA HIMANSHU SHAH NISHANT	SIEM,RAJPUR
ROBO FIGHT	1	PATEL JAY B. PATEL JAY M.	SRI,VADASMA
	2	SHAH AKSHAY MODI VAIBHAV ACHARYA KULDEEP	SRPEC
AQUA RACE	1	CHAUHAN JAYDEEPSINH RAVAL RAHUL PANCHAL TRIOL	HANSABA,SIDDHPUR
	2	PATEL VIRAT S. CHAUHAN JUBERKHAN S CHAUDHRY SANJAY S.	MERCHANT,BASNA
DOCUMENTARY	1	PRAJAPATI KRUNAL PURANI PARTH PRAJAPATI MEHUL	UVPEC,KHERVA
	2	CHAUDHARY DHIREN PANCHAL YOGESH PANCHAL KAUSHIK	SRPEC
WEB DESIGNING	1	PATEL BHAUMIK KAPADIYA ASHAY PATEL UPAL MEWADA KEYUR SONI RITESH	SRPEC
	2	NAYI NIMESH	GEC,PATAN
WEB DESIGNING	1	VAGHELA MAYURSINGH	SAMARTH COLLEGE
	2	PARMAR MAULIK	SRPEC





## Valedictory Function

Valedictory function was held on 11<sup>th</sup> April, 2014 at 06:00<sup>P.M.</sup> by lighting the lamp in the auspicious presence of Honourable Dr. A. H. Shah , Principal of SRPEC, Unjha. Mr R. H. Patel, Chairman SRPEC, Prof. R. N. Mevada HOD of Mechanical Department, Prof J .R. Patel Co-ordinator of Prakrusht-2014, Mr Nirmal Khamar, Student Vice-President of Prakrusht-2014. During the



## Organizing committee

