



Smt. S. R. Patel Engineering College

2nd National Level Technical Symposium

Prakrust – 2012

(9th–10th Feb. 2012)

PATRON

Dr. A. H. Shah
Principal
SRPEC

Conveners & Co conveners

Faculty:

Prof. Girish Patel (C)
Prof. Kanu Patel (Cc)

Student:

Hiren Savaliya (C)
Hitarth Patel (Cc)

* C: Convener,

* Cc: Co convener

Events

- Expert Lecture
- Circuit Debugging
- I - Robot
- Robo Fight
- Aqua Robo
- Robo Race
- On the Spot
- Quiz
- Add & Made
- Paper Presentation
- Exhibition
- Bug Hunter
- Relay Programming
- Gaming Zone
- Talent Show
- Structures
- Documentary

About the symposium...

Summary

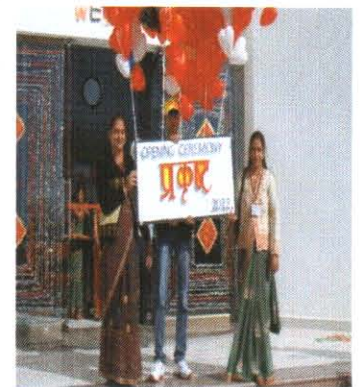
A National Level Technical Symposium entitled “Prakrust—2012” was conducted on 9th and 10th February, 2012. The organization and management was especially creditable. Other than the traditional crowd-pulling events, Prakrust—2012 boasted of many new initiatives and interactive events. The effort that had been put by staff members, management and students was truly praiseworthy.

The aim of competitions & events at Prakrust—2012 has been to cater to all genres of engineering and technology. This was ensured by having competitions like Robo Race, Robo Fight, Paper Presentation, Exhibition, Aqua Robo, Documentary, Circuit Debugging, Bug Hunter, Add & Made. All the events, like always, saw a huge

turnout both in terms of enthusiastic participants and an exuberant audience. It was also strategic in getting hold of a floating crowd and ensuring huge numbers for any announcements/news etc. Almost everyone who attended Prakrust—2012 would agree that Lecture Series was indeed its highest point.

Objective

The main objective of the Prakrust—2012 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 technical and edifice skills of the engineering students



Organized by,

Smt. S. R. Patel Engineering College
At & Po. Dabhi, Ta. Unjha- 384265
Dist. Mehsana
Website: www.srpec.org.in

Sponsored by,

Ajay Engi-Infrastrucure Pvt. Ltd.

Inauguration Function

Inauguration function was held on 09th Feb. 2012 at 09:30 am by lighting the lamp in the auspicious presence of honourable guests including Prof. I. N. Patel (Chairman, ISTE Gujarat Section), Dr. P. V. Bhale (Mech. Expert), Dr. Chaitanya S. Sanghavi (Civil Expert), Mr. R. H. Patel (Chairman, SRPEC), Dr. A. H. Shah (Principal, SRPEC) & Prof. K. G. Patel (Co-convener, Prakrust - 2012).



Expert Lectures

9th Feb. 2012 :

(9:30 A.M.—10:30 A.M.)

Mechanical Engineering

Expert- Dr. P. V. Bhale, (SVNIT, Surat)

(11:30 A.M.—12:30 PM.)

Civil Engineering

Expert- Captain C. S. Sanghvi, (LDCE)

10th Feb. 2012 :

(9:30 A.M.—10:30 A.M.)

E & C Engineering

Expert- Prof. Anand Mankodiya , (UVPCE, Kherva)

(11:30 A.M.—12:30 PM.)

Computer Engineering

Expert- Dr. Asim Banerjee, (DAIICT).

Robo Fight

During Robo Fight two robots were made to compete with one-another along with different obstacles viz. fire, pit etc. Event was completed in two rounds on 9th and 10th Feb. 2012.

Faculty Coordinator:

Prof. Piyuah M. Patel

Faculty Co-coordinator:

Prof. Manoj Rajpara

Participants: 90

Jury Members:

Prof. Manoj Rajpara

Prof. Girish Patel

(SRPEC)

On the Spot

Solely crazy theme to participants in which 15 games were organized for the participants and at the end of each game winner were privileged with prizes.

Faculty Coordinator:

Prof. Darshana Patel

Participants: 50

Jury Member:

Prof. Darshana Patel

(SRPEC)

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. Hina Kadeval

Faculty Co-coordinator:

Prof. Piyush Patel

Participants: 87

Jury Member:

Prof. Kalpesh K. Patel

(GEC, Patan)

Aqua Robo

In this event the robots were supposed to reach the destination through a water path while facing various hurdles. Event was completed in two rounds on 9th and 10th Feb. 2012.

Faculty Coordinator:

Prof. Piyuah M. Patel

Faculty Co-coordinator:

Prof. Manoj Rajpara

Participants: 25

Jury Members:

Prof. Manoj Rajpara

Prof. Girish Patel

(SRPEC)

Quiz

Quiz was organized to evaluate the knowledge possessed by the students in various fields and current issues. The event was conducted in three levels.

Faculty Coordinator:

Prof. Kaushik Patel

Faculty Co-coordinator:

Prof. Tushar Patel

Participants: 402

Jury Members:

Prof. Kaushik Patel

Prof. Tushar Patel

(SRPEC)

I Robot

This event is intended to showcase basic sensor design and robot control systems in the form of a fully autonomous robot which must follow a black line over a white surface and also machine that can place blocks of different shape in their respective zones.

Faculty Coordinator:

Prof. S. Chamarthi

Faculty Co-coordinator:

Prof. Pragmesh Patel

Participants: 34

Jury Member:

Prof. Subbarao Chamarthi

(SRPEC)

Robo Race

In Robo Race the robots were to pass through specific path and undergo different obstacles to reach the rotating wheel in minimum time. Event was completed in two rounds on 9th and 10th Feb. 2012.

Faculty Coordinator:

Prof. Piyuah M. Patel

Faculty Co-coordinator:

Prof. Manoj Rajpara

Participants: 25

Jury Members:

Prof. Manoj Rajpara

Prof. Girish Patel (SRPEC)

Add & Made

In this event specific themes for advertisement were given, according to which they have to play a whole advertisement with specific character during the event.

Faculty Coordinator:

Prof. Darshana Patel

Faculty Co-coordinator:

Prof. Sacheen Patel

Participants: 60

Jury Member:

Prof. Darshana Patel

(SRPEC)

Paper Presentation

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

Faculty Coordinator:

ME: Prof. Prakash Mistry
EC: Ravi Patel

CE: Prof. Kanu Patel
Civil: Prof. Mrunal Dave

Participants: 66

Jury Members:

ME: Dr. R. S. Patel (PDPU)
Prof. J. M. Patel (LDCE)

CE: Prof. Mahesh Panchal (KITRC, Kalol)
Prof. J. B. Patel (K.D. Poly. Patan)

EC: Prof. M.L.Patel (L.C.I.T.)
Prof. Anand.Mankodia
(UVPEC, Kherva)

Civil: Prof.C.N.Patel (SPCE, Visnagar)
Prof.V.M.Patel (UVPEC, Kherva)

Bug Hunter

Participants were given a code, initially to debug it. If they were through, another round was held. All they had to do was to finish the chain of rounds. They have to make the code error free and it must provide desired output.

Faculty Coordinator:

Prof. Jay Vala

Faculty Co-coordinator:

Prof. Aadesh Panchal

Participants: 55

Jury Member:

Prof. Chetan Chudasama
(SRPEC)

Talent Show

Talent show was organized to showcase the talents possessed by the students in various fields of performing arts.

Faculty Coordinator:

Prof. Jayshree Patel

Faculty Co-coordinator:

Prof. Bijoy Roy

Participants: 51

Jury Members:

Prof. Jayshree Patel
Prof. Irshad Bhatt
Prof. Bijoy Roy (SRPEC)

Relay Programming

Relay Programming was the coding event and there was one round for each team. A round consisted some program which was in 3 sections one for each member of team. Coding language was C & C++.

Faculty Coordinator:

Prof. C. Chudasama

Faculty Co-coordinator:

Prof. Nigam Shah

Participants: 24

Jury Member:

Prof. Jay Vala
(SRPEC)

Structures

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. Amrut Patel

Faculty Co-coordinator:

Prof. Paresh Patel

Participants: 72

Jury Member:

Prof. Y. S. Patel
(SPCE, Visnagar)

Exhibition

Participants could put their innovative ideas as a model in open hardware and software design or through posters. It was an ideal platform to bring forth the genius within them.

Faculty Coordinator:

Prof. Harshad Patel

Participants:

Models : 24

Posters: 35

Jury Members: The Branch wise juries of paper presentation had also judged this event

Gaming Zone

Gaming zone competition was organized on both the days. The Gaming zone contained two types of game Need for Speed (NFS) and Counter Strike (CS).

Faculty Coordinator:

Mr. Shirin Patel

Faculty Co-coordinator:

Prof. Nigam Shah

Participants:

NFS: 82

CS: 45

Jury Members:

Mr. Shirin Patel
Mr. Sanket patel
Mr. Parth Mevada

Documentary

The documentary category gave students the opportunity to create presentations. The presentations demonstrated the student's ability to use multi-media to communicate their chosen topic.

Faculty Coordinator:

Prof. Darshana Patel

Participants: 80

Jury Member:

Prof. Hina Kadewal
(SRPEC)





Winners of the Events

Event	Rank	Name	College
Circuit Debugging	I	Desai Akshay & Chhagar Khusprit	SRPEC
	II	Solanki Kesharsingh T.	SRPEC
I Robot	I	Patel Ravi Patel Mitenand Patel Jaykumar	GEC, Patan
	II	Patel Jimmy Patel hiren	SRPEC
Robo Fight	I	Vijapura Athrusin T Dodiya Sirajahemad G. Prajapati Apurava S.	GEC, Patan
	II	Patel Jay G. Chauhan Ajaysinh S.	SRPEC
Aqua Robo	I	Patel Disha Trivedi Parth G	SRPEC K.D Polytechn
	II	Chauhan Ajaysingh S. Patel Jay G. Chhagar Khusprite S.	SRPEC
Robo Race	I	Patel Jaymin V. Patel Jigar J. Rajput Nagji J.	SRPEC
	II	Patel Sandip N. Patel Jay B. Patel Jay M.	KJFT, Vadasarna
Quiz	I	Sanghvi Shrevik M. Patel Umang V. Prajapati Bhavesh A.	SPBEC
	II	Panchal Anil H. Sathwara Jaydeep G. Patel Dhiren D.	SRPEC
Add & Made	I	Patel Khyati A. Patel Kruti M.	SRPEC
Bug Hunter	I	Parikh Aanal	SRPEC
	II	Komal Bala	GIT
Relay Programming	I	Shah Nikita H. Patel Ruchita P. Patel Roshni P.	SRPEC
	II	Patel Sagar Patel Mitul V. Patel Harsh J.	SPCE, VISNAGAR
Gaming Zone -CS	I	Lotiya Adnan	UVPEC
		Patel Martin Patel Nihar Patel Shubham	LCIT
Gaming Zone -NFS	I	Patel Dipen	SRPEC
Talent Show	I	Patel Maulin	SRPEC
	II	Patel Sanket B. Prajapati Shaishav K. Dave Dimpal J. Patel Prima S. Patel Nikhil V. Paradava Vishal B.	Samarth Engg
Structure	II	Kothari Raj. Thakkar Kavita	SRPEC
	I	Patel Umesh Patel Hiren Mevada Parth	SRPEC
Documentary	II	Patel Rushi Patel Kevin Chauhan Kunal	SRPEC
	I	Hudani Sohil Suhkla Harsh	C U Shah
	II	Kavad Ashvin Shah Harsil	SRPEC



Best Faculty of the Year
 Prof. Prakash Mistry
 Department of Mechanical Engineering

Valedictory Function

Valedictory function was held on 10th Feb. 2012 at 05:00 P.M. by lighting the lamp in the auspicious presence of Honourable Chief Guests Dr. Akshai Aggarwal, Vice Chancellor, Gujarat Technical University, Ahmedabad, and Mrs. Shakuntalaben Aggarwal. Guest of Honours Prof. M. N. Patel, Principal LDCE, Ahmedabad, Shri Nayanbhai Parikh, Chairman Multimedia Consultants Pvt. Ltd., Dr. H. N. Shah, Principal SPCE, Visnagar, Shri Kanjibhai Patel, Chairman of Rakesh Construction Pvt. Ltd. Dr. A. H. Shah, Principal of SRPEC, Unjha. Mr. R. H. Patel, Chairman SRPEC, Prof. G. S. Patel, Convener Prakrust—2012 and Mr. Hiren Savaliya, Student Convener of Prakrust—2012. During the valedictory function various winners of academics, sports and Prakrust—2012 were privileged with awards.



Emancipation of “SRUJAN—2012”

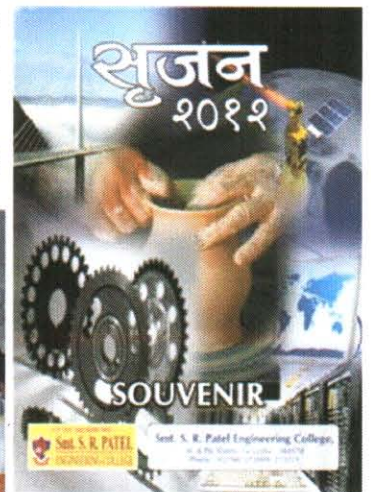
A College Souvenir



Best Student of the Year
 Miss. Dhara Patel
 Department of Computer Engineering

The first college souvenir “SRUJAN—2012” was emancipated by the Honourable Chief—Guest of the event “Dr. Akshai Aggarwal”, VC GTU, during the valedictory function on 10th February 2012.

“SRUJAN” contains the glimpses of college activities, awards, achievements, and innovative creations from students and faculties of the college.



Designed by,

Prof. Darshana Patel
 Prof. Bijoy Roy