

# INNOVATRON '19

## INTER COLLEGE MINI PROJECT COMPETITION



### INNOVATRON 2019

The Department of Electronics Engineering of Sardar Patel Institute of Technology in association with ESA, R&D Cell., invites students of second year, third year of Degree Engineering and Diploma Engineering of all branches/disciplines to come, display their best mini Software or Hardware projects and stand a chance to win exciting prizes!!

**Date:** 12/4/19 **Timing:** 9am-5pm

**Venue:** Sardar Patel Institute of Technology, 3rd floor Registration

**Fees:** Rs.250 per team member (max 4 members)

A chance to get INCUBATED at SP-TBI

**Cash prizes** Rs. 10,000!!

(Certificates for Winners and Participants too)

## ABOUT THE EVENT

Innovatron is an inter college mini project competition which is first of its kind in which all the engineering colleges and polytechnics can participate and compete in their respective streams.

This event gives participants an opportunity to explore and discover different kind of projects

This event was organized by the students of Electronics Department of Sardar Patel Institute of Technology.

The event was held in Electronics Department. This was a District Level Action Research Project Competition. Participations were accepted from all Engineering Colleges all over Mumbai and also due to demand the competition was made open to Diploma college students as well.

The preparations of this even started 3 weeks prior to the event. Teams were designated and work was allocated accordingly to all the teams. **Prof. Najib Ghatte** played a very vital role in the planning and execution of the event.

On the day of the event there were a total of 6 teams from various different colleges participating, namely VJTI, TCOE, RAIT etc. In total 24 groups participated in the competition. The most crucial decision taken but the organizers was to allow software i.e. I. T. and COMPUTER Departments could also compete with their projects in the competition.

The Marketing team had a great achievement in bringing in a great chance for the winning team to get free incubation opportunities at SP-TBI our college's very own incubator. This really made a great buzz amongst the students.

The event commenced Sharp at 9 a.m. when our first judge, **Prof Govind Gaundalkar** started evaluation of the projects he started with the external projects and was too fascinated to see the amount of hardwork and effort put in by students for developing the projects. Also, he asked some tricky questions to analyze the amount of work done by each member of the group. The students were too interactive and explained their projects with great insights and enthusiasm. Also **Prof. Govind Gaundalkar** suggested some more value additions to every project which really motivated the students about their project. After this the evaluation moved towards our very own SPIT Electronics department students. He was really amazed to see some of the projects developed by the students of our department.

Lunch was made available to the students participating from external colleges as it was a full day event and could have become hectic for them.

Post-lunch, Expert evaluated some remaining projects and then it was time for the most waited time of the day The Prize Distribution cum Closing Ceremony.

For this, **Dr. Prachi Gharpure Principal SPIT** was invited for handing over the prizes to the students. Also, **Dean Academics, Dr. Surendra Rathod** and Deputy Head of Department, **Dr. Rajendra Sutar** showed their important presence in the prize distribution ceremony. The ceremony started with Principal Madam addressing the students and congratulating them to show such great participations. This was followed by Dr. Rathod throwing some light on the mission and vision behind designing and including ARP. After this our judge **Prof. Govind Gaundalkar** was given a token of thanks by the Department HoD. Then came the moment everyone was waiting eagerly the prize distribution. Initially, Rathod Sir started with the consolation prizes and to be fair enough there were 2 consolation prizes. To everyone's surprise both the prizes were awarded to VJTI for their amazing projects. Then it was the time for the top 3 to be revealed.

Rank	Title of Project	UCID	Name of student	Prize
1	Automatic Umbrella Dryer	2016110029	Kharade Sanish	Rs. 3500/-
		2016110030	Kumar Amit	
		2016110037	Mukne Ankita	
2	BIOMS: Prosthetic that Adapts to you	2016110003	Bath Tejveer Singh	Rs. 2500/-
		2016110006	Bhattacharjee Soumyadeb	
		2016110012	Dhar Gopala	
3	Distributed Temperature Sensing (DTS) Research Project	2016110018	Goswami Ananta	Rs. 2000/-
		2016110031	Mainkar Yash	
		2016110046	Pillai Rahul	
		2016110049	Rao Sahil	
Consolation Prize	Universal IC	Project Group from VJTI Diploma	Amanshu S. Tiwari	Rs. 1000/-
			Omkar A. Bhilare	
			Om V. Chaurasia	
			Swapnil V. Gore	
Consolation Prize	3D Printer Mechanism: A tool for Advance Farming	Project Group from VJTI Diploma	Nimish Kamble	Rs. 1000/-
			Sahil Jadhav	
			Akash Vaidya	
			Anket Tike	

The competition ended successfully and motivated many students to develop something better and innovative as a part of their upcoming projects.

The Innovatron committee and ESA (Electronics and Student Association) played a significant role to end this competition with success.



**Picture: Organizing Team of Innovatron 2019 with Judge Mr. Govind Gaundalkar**

Innovatron 2019 had a total of Thirty teams taking part in the inter college mini project competition. There were Twenty-four team entries from Sardar Patel Institute of Technology and remaining six team from other colleges such as Thakur College of Engineering and VJTI

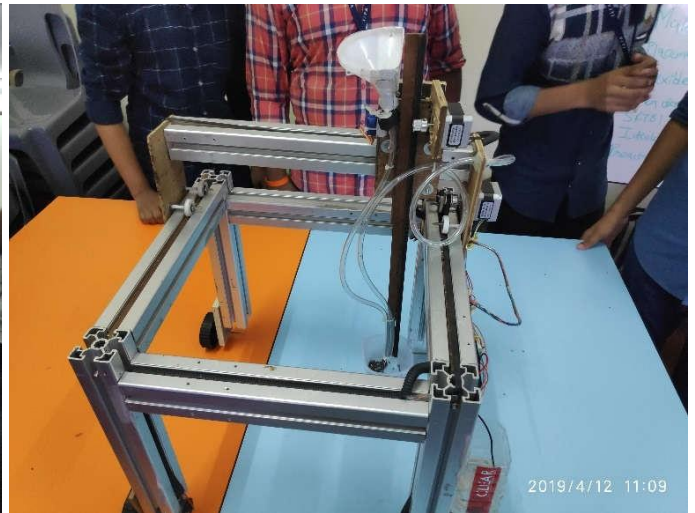
The event was organized and sponsored by the Department of Electronics Engineering of Sardar Patel Institute of Technology in association with ESA, R&D Cell.

The Chief Guests and Judges for the competition were **Mr. Manoj Bataria** from Devlata Technologies and **Mr. Govind Gaundalkar** and who also sponsored our cash price for the event.

The Organizing team was led by **Prof. Najib Ghatte** under his guidance, vision and consistent motivation, the event was organized successfully. Credit also goes to the students of Electronics Department of Sardar Patel Institute of Technology for their efforts and equal contributions.

The participants were allotted different labs of electronics department according to their project requirements and evaluation was done by the judges on the basis of their respective project domains.

These are some pictures of the event day from Innovatron 2019

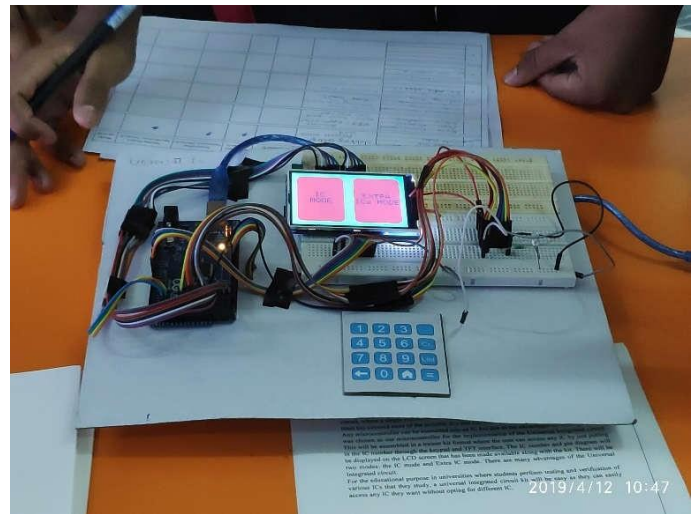


**Project: 3D Printer Mechanism: A tool for Advance Farming**  
**Name of the Members: Nimish, Sahil Akash, Anket from VJTI Diploma**



**Project: Distributed Temperature Sensing Research Project**  
**Name of the Members: Ananta, Yash, Rahul, Sahil from SPIT**





**Project: Universal IC**  
**Name of the Members: Omkar Om, Swapnil from VJTI**



**Project: Low Cost, Easy to Interface EEG System**  
**Name of the Members: Shruti, Dakshata, Sukanya from SPIT**

These are the List of winners of Innovatron 2018



**1st place: College: SPIT Project Title: Automatic Umbrella Dryer  
Name of Members: Sanish Kharade, Ankita Mukne, Amit Kumar**



**2nd place: College: SPIT, Project Title: BIOMS Prosthetic that Adapts to you  
Name of Members: Tejveer, Soumyadeb, Gopala**





**3rd place: College: SPIT Project Title: Distributed Advanced IOT**

**Name of Members: Ananta, Yash, Rahul, Sahil**

✚ Cash Prize given for Innovatron 2019 Inter College Mini project competition

- ✓ 1st Place Rs. 3500 /-
- ✓ 2nd place Rs. 2500 /-
- ✓ 3rd Place Rs. 2000 /-