

Shantilal Shah Engineering College, Bhavnagar

A Report on Project Exhibition

Under

Student Start-up Innovative Policy



Dated on 10-04-2018



Civil and Applied Engineering Department

PROJECT EXHIBITION – 2018 was organized by SSIP on 10 April 2018 at Shantilal Shah Engineering College, Bhavnagar.

Total 20 student's Project Poster was displayed in Civil Engineering Department.

Respected Principal Sir, Prof.H.S.Trivedi (Principal,GEC,Bhavnagar) visited Civil Engineering Department and discussed with students who were representing there poster's and also gave good suggestion's to them.

Experts were from GEC, Bhavnagar.

(1) Prof.V.S.Dave (HOD, Civil Engineering Department, GEC, Bhavnagar)

She asked different questions to students and she also analyzed all posters critically.

(2) Prof.Chintan Gajjar (Assistant Professor, Civil Engineering Department, GEC, Bhavnagar)

He also asked technical questions to students related to their posters and also motivated students.

Dr.R.K.Jain (HOD, Civil Engineering Department, SSEC, Bhavnagar), Prof.H.M.Gandhi (Associate Prof. Civil Engineering Department, SSEC, Bhavnagar), Prof.P.S.Ramanuj (Associate Prof. Civil Engineering Department, SSEC, Bhavnagar) and all Civil Engineering Department's faculties also encouraged students for their Project Poster.

Experts nominated total 5 students group for Best Project Poster.

Photographs are attached here with.



DR.M.G.Bhatt, Prof.H.S.Trivedi and
Prof.A.A.Pandya



Dr.M.G.Bhatt, Dr.R.K.Jain and Students



DR.M.G.Bhatt, Prof.H.S.Trivedi and Students



Prof.V.S.Dave and Prof.Chintan Gajjar

Production Engineering Department

Students of all semesters of Production Engineering Department participated in the event of exhibition of projects organized under Student Startup and Innovation Policy (SSIP). The projects were exhibited with physical model and posters. Experts from M/S Parle Products Pvt. Ltd., Mumbai and M/S G. P. Mangalani Foods Pvt. Ltd., Bhavangar visited the exhibition. They motivated the participants to contribute in the economy and research field. According to them it was a dense competition between the projects to select only best 3. Based on the novelty and application in the field and scope of work the judgment was given.

The principal sir, head of department and senior faculty members encouraged the participants to take further their projects under SSIP. Some of the snaps captured are as below.



- Department coordinator: Prof. Dr. M. D. Vadhvani
- Head of the Department: Prof. Dr. A. V. Gohil

A

Report on

Instrumentation & Control Department

I & C departments has organized a Project exhibition in the department on 10th April 2018

21 Projects were displayed in this exhibition among which 2 Projects were from SSIP and 19 Projects were UDP. All the final year students displayed their hard work in this exhibition.



All the project was reviewed by experts from Industry and academic and scrutinized 3 best Projects among all 21 Projects

Exhibition was started at 11 :00 AM morning at Four Laboratories of Instrumentation & Control Engineering Department. In group of 4 teams, in four different classes/labs they had displayed their works. It was scheduled between 11:30a.m. to 4:00p.m. Two Experts Asst. Prof. M. B. Hingu from GEC Rajkot and Mr.D. C. Patel, JE. From PGVCL and among with H.O.D. M. R. Jani and other faculties had evaluated each project and in return suggested some important improvements for one's project.



In the end of the exhibition an expert Lecture session was Placed in the class room of I & C Department where Prof. M. B. Hingu had motivated everyone, he said “one should be expertise a topic with other knowledge that creates one’s resume unique to sustain in present industrial world”. Also with these top 3 projects were announced on basis of different parameters, they are as follows:

1. RPM System
2. Water Distribution System using PLC
3. Product Separation System using PLC



Mechanical Engineering Department,

- SSIP Department Coordinator: Prof. R.K.Jani
- Event Department Coordinator: Prof. A.D.Kalani
- Event Manager: Prof. N. D. Jogadiya

Mechanical Department has organized one day project exhibition event on 10-04-2018 in room no. E-202. 05 teams had participated in this event. They had represented their innovative ideas through posters and models. For evaluation purpose two experts had been invited by the mechanical engineering department, one expert from Government Engineering College, Bhavnagar and other expert from production engineering department of Shantilal Shah Engineering College.

All the projects exhibited were best at its' own place; top 03 projects were ranked by the expert team.

Principal of the Institute had also visited the exhibition. He highly appreciated the work of the students and gave them valuable suggestions regarding the projects.

The event was successfully completed & I heartily thank all the coordinators, members and students of the department for making this possible.

External Experts Details

Name	Designation	Institute
Dr. A. V. Gohil	Head & Professor Production Engineering Department.	Shantilal Shah Engineering College, Bhavnagar.
Prof. S.H.Zala	Assistant Professor Mechanical Engineering Department	Government Engineering College, Bhavnagar.

LIST OF PARTICIPANTS IN THE EVENT

GROUP NO.	ROLL NO.	ENROLLMENT NO.	NAME OF STUDENT	TITLE OF PROJECT
1	2010	140430119006	BHAVARTH J MOTIVARAS	Autonomous Multitasking Robot
	2019	140430119016	CHUDASAMA VIPUL THAKARSHIBHAI	
	2060	140430119061	MAKWANA NAYANKUMAR PRAFULCHANDRA	
	2142	150433119027	VASANI ANKITABAHEN PRAVINBHAI	
2	2017	140430119014	CHAUHAN PARAG DHARMENDRABHAI	Pipeline Turbine
	2027	140430119025	DOSHI MIHIR MUKESHBHAI	
	2070	140430119071	NAVADIYA HARSHIL GHANSHYAMBHAI	
	2092	140430119096	RATHOD JAY MITHABHAI	
3	2023	140430119020	DAVE MANAN K	Foldable Solar Plant
	2069	140430119070	NADODA VIRAJ BHARATBHAI	
	2087	140430119091	PATELIYA ANIL NARANBHAI	
	2098	140430119105	SHAH NAITIK BHARATBHAI	
4	2090	140430119094	RATHOD AJAY JESINGBHAI	Automatic Trash Collector
	2091	140430119095	RATHOD CHIRAG VINUBHAI	
	2128	150433119012	LALAIYA JAYDEEP BHARATBHAI	
	2138	150433119022	RATHOD HEMANG SAVJIBHAI	
5	2024	140430119021	DAVE MAULIK ARVINDKUMAR	Increase performance of IC Engine using suction blower and ID Fan
	2025	140430119022	DEEPKUMAR VAGHELA	
	2089	140430119093	RAICHURA JAYESHKUMAR BHIKHUBHAI	

BEST OF THREE PROJECTS

RANK NO.	ROLL NO.	ENROLLMENT NO.	NAME OF STUDENT	TITLE OF PROJECT
1	2023	140430119020	DAVE MANAN K	Foldable Solar Plant
	2069	140430119070	NADODA VIRAJ BHARATBHAI	
	2087	140430119091	PATELIYA ANIL NARANBHAI	
	2098	140430119105	SHAH NAITIK BHARATBHAI	
2	2010	140430119006	BHAVARTH J MOTIVARAS	Autonomous Multitasking Robot
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SNAPSHOTS OF THE EVENT



SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR

DEPARTMENT OF INFORMATION TECHNOLOGY

REPORT ON PROJECT EXHIBITION UNDER SSIP

Date of Exhibition : 10/04/2018

Time of Exhibition : 11:00 am to 5:30 pm

Venues : Lab No. 201 B, 202, 203, 206 and 207

Total No. of Student Participants : 158

Total No. of Projects Exhibited : 59 (54 Final Year Projects + 05 Hackathon Projects)

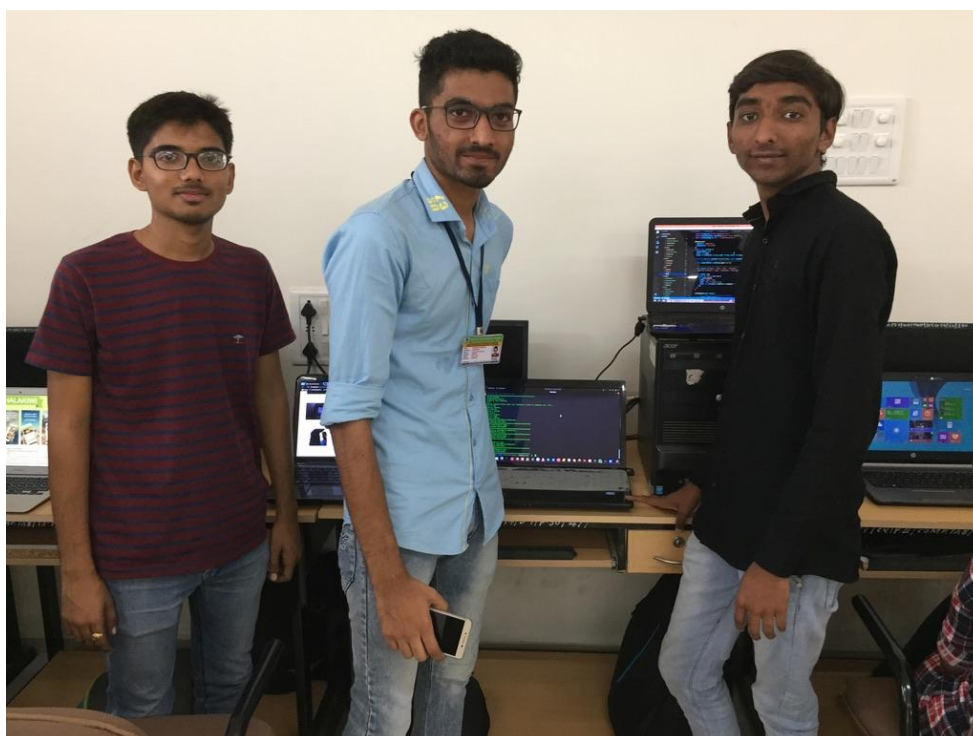
Experts : Mr. Prashant Mamtora (M.D., Milople Technologies Pvt. Ltd., Bhavnagar)

Prof. Gopal Pandey (Incharge H.O.D., I.T. Department, BPTI, Bhavnagar)

A Project Exhibition for all the groups of final year students, SSIP and Hackathon was organized by Department of Information Technology on 10/04/2018. Students have actively participated and demonstrated their projects to Experts, Faculty Members and general audience comprising students of various branches.

In this exhibition total of 158 students have actively participated and 54 projects from final year students and 5 Projects of Hackathon were demonstrated.

In the first round out of 59 Projects top 12 projects were selected by the Experts for the second round and out of that top 3 projects were identified.



A Group of final year students secured First Rank with their project “Home Automation System”



A Group of final year students secured Second Rank with their project "Triplysis"



A Group of final year students secured Third Rank with their project "HALA KIWI"



A Group of Hackathon presented their Project “Road Symbol Detection System”



Groups of Students presenting their Projects

Department Coordinator

Mr. S. J. Agravat

Head of the Department

Prof. S. B. Parmar

STUDENTS POSTER PRESENTATION &
PROJECT EXHIBITION

A yellow thread spool is shown with a single strand of yellow thread extending from it and ending in a large, tangled mass of red, green, and yellow threads. The spool has a simple, elongated shape with some texture visible on its surface. The background is white with some faint, dark lines radiating from behind the spool.



**A brief report on “PROJECT EXHIBITION” organized by
Department of Electrical Engineering on 10th April, 2018**

‘PROJECT EXHIBITION’ was organized by the Department of Electrical Engineering on 10th April, 2018 (Tuesday). The exhibition was organized for 8th semester students only which witnessed the participation of 63 students.

The main objective of this exhibition was to provide the introductory knowledge of the projects and provide an opportunity for the students to establish their learning experience. The outcome of the PROJECT EXHIBITION was that students were able to show their project at higher level and the process boosted their self-confidence.

The inaugural of the project exhibition witnessed the presence of Dr. K.P.Badgujar, along with the faculty and staff members of Electrical Engineering Department.

Dr. K.P. Badgujar, HOD - Electrical Engineering Department, formally welcomed both the Jury Members, the dignitaries and all the participants.

He also gave the introduction to the Electrical Department in SSEC-Bhavnagar.

Details of Jury Members: 1) Mr. P.V. Mehta

D.E.- GETCO – 220kV, Vartej S.S. - Bhavnagar

2) Mr. Atul Chaudhari

Sr. Engineer –Nirma, Bhavnagar



They have evaluated all the projects, and among all Projects the best three projects are as follows,

1	140430109017	Dhaduk Hasmukh	Agriculture Motor Automation Using GSM Module And Mobile Phone
	140430109056	Thumar Jaynik Vinubhai	
	150433109003	Bhadak Milankumar Dilipbhai	
	150433109013	Solanki Bharat Parbatbhai	

2	140430109059	Vaja Nikunj Hiteshbhai	Refurbishment of DC Series Motor Panel
	140430109027	Jadeja Rurturajsinh Bhimsinh	
	150433109002	Baruni Azaz Dilavarhusen	
	150433109015	Zala Aniruddhsinh Kaushikbhai	

3	140430109051	Rathod Damini Rajeshbhai	Smart Energy Saving System
	140430109006	Bhatt Sneha Vipulbhai	
	140430109042	Mori Sejalben Manubhai	
	150433109005	Chaudhari Snehakumari Ashokbhai	















The Principal Sir DR. M.G.Bhatt, came and inspected all the projects and he presented his invaluable thoughts and provided proper guidance to all the students of 8th sem Electrcrical Engineering Department.we are greatfull to them that they came into our department and gave us their invaluable time







Outcomes of the event

The function has been a result of good hard work done by the Final Year Students who exhibited good enthusiasm to display their projects

Feedback from final year teams:

Project Exhibition is organized by all the departments of Shantilal Shah Engineering College on 10th April, 2018. In first phase we all had demonstrated our work in the form of poster presentation and in the second phase we had represented our work in form of demonstration of running model in front of Internal and External panel of Evaluator.

It was an outstanding experience to demonstrate work in front of Industrial expert and other review panel. Their valuable suggestions have really remained very useful for us. We learned many things from them.

Feedback from faculty members:

All the students had presented their work very effectively; some of the projects are really up to the noticeable mark and can be converted to end product. Such kind of event motivates the students to learn by self-experience and do some innovative work. All the activities have been organized in very nice manner.

The ideas are taking a shape in form of projects; some of the projects are very useful for the society. It is really combination of theory and practical. Students can be inspired largely by such kind of activities and need to organize every year.

The event became grand success with the support of Principal Sir Dr.M.G.Bhatt, HOD of Electrical Department and all other Respected Faculty members.

Coordinator: Pankaj R Kapadeeya

Assistant Professor

Shantilal Shah Engineering College-Bhavnagar

Head of the Department: DR.K.P.Badgujar

Professor and Head

Shantilal Shah Engineering College-Bhavnagar