

A REPORT ON

STUDENTS' PROJECT FAIR - 2014

Friday, 2nd May, 2014



**Venus International College Of Technology
Bhojan Rathod, Gandhinagar**

(Approved by AICTE and Affiliated with Gujarat Technological University)

ABOUT STUDENTS PROJECT FAIR 2014

In accordance with the circular of GTU, dated 22nd April 2014, VICT organized a '**Students Project Fair - 2014**' on **Friday, 2nd May, 2014** from 10.00 am to 4.00 pm with all the students of B. E. Final year and faculty members. Final year students represented, exhibited and explained their projects by means of poster and hardware assembly prepared by them and/ or software developed by them to the industry professionals, academicians, consultants & parents.

OBJECTIVES

- To develop the innovative skills as well as ideas through students' exposure
- To increase the awareness & information of various Engg. technologies
- To share the thoughts and knowledge with present technology

PARTICIPATED STUDENTS

Students Project Fair was fully organized for final year students of all Engineering branches of VICT:

Branch	No. of Groups	Total No. of students
Mechanical Engg.	23	72
Electrical Engg.	21	74
Electrical & Electronics Engg.	20	62
Civil Engg.	13	44
Computer Engg.	21	60
Electronics & Communication Engg.	22	61
TOTAL	120	373

INVITED EXPERTS

Students were given excellent platform to demonstrate their project work and the same were analyzed by the external and internal jury members. Senior and experience faculties were selected as internal jury /faculty members. Prominent experts from industries were invited as External Jury Members. The invited **External Jury Members** were:

- **Dr. Yogesh Dave, Co-chairman, Chhatral Sankul**
- **Mr. Ramesh Patel, President, Chhatral Sankul**
- **Mr. Jaspreet Singh, Chairman, Supergroup of Industries**
- **Mr. Asit Bhattacharya, Group Head, SAC, ISRO, Ahmedabad**
- **Mr. Manik H. Kalubarme, Project Director, Bhaskaracharya Institute for Space Applications & Geoinformatics (BISAG), Gandhinagar**
- **Shailesh H. Patel, Electrical Engineer from Thermal Power Station, Gandhinagar**

Out of 120 student projects, best three projects from each department were selected on the basis of the innovation, the presentation etc. by the invited experts and the same were also acknowledged with a token of appreciation by the principal and HOD's of the respective department.



SESSION I: WELCOMING THE GUEST

Prof. Dr. K. N. Sheth, Director, VICT & Dean, Gujarat Technological University gave a warm & brief welcome to the invited guests and explained the need of this kind student's project fair. He also gave brief introduction of invited guests and quick overview of program schedule. In his speech he stressed on importance of having Research minded students & efforts focused on the research front in his institution.



Welcome address by Prof. Dr. K. N. Sheth, Director, VICT & Dean, Gujarat Technological University



Mr. Manoj Motiyani, Campus Director, VICT with Mr. Asit Bhattacharya, Group Head, SAC, ISRO, Ahmedabad.



Prof. Mayur Patel, HoD, Department of Civil Engg, VICT with Mr. Jaspreet Singh, Chairman, Super group of Industries



Avnika Rao, Admin Head, VICT welcoming Dr. Yogesh Dave, Co-Chairman, Chhatral Sankul



Prof. Falguni Patel inviting Mr. Ramesh Patel, President, Chhatral Sankul



Experts at the Dais

SESSION II: VISIT TO PROJECT AREA

In second session, the live projects were shown by the students which were very comprehensive and informative. All the jury members were appreciated the work of students and share their innovative ideas for improvement of the projects. They also suggested for doing more case studies and industrial visit to make their projects inventive.



Live project presentation by students of VICT



Interactions with students and faculty members



Comments and Suggestion by various experts

SESSION III: INTERACTION AND TOP PROJECTS APPRECIATION

In the last session, experts and students appreciated the effort of VICT in hosting such a student project fair & talked about the benefits of such events. Shortlisted best three projects of each department were declared and acknowledged with a token of appreciation. Different industrial issues, challenges, etc. shared during this session. The questions & doubts of students were made cleared and explained in better way by experts. The students ultimately had a realization about the basic need of this kind of project fair.



Dr. Yogesh Dave & Mr. Ramesh Patel from Chhatral Sankul interacting with the students



Prof. Dr. K. N. Sheth, Director, VICT and Mr. Jaspreet Singh, Chairman, Supergroup of Industries



Dr. Yogesh Dave & Mr. Ramesh Patel appreciated the Sankul Leadership of Dr. K. N. Sheth, Director, VICT with Memento



Mr. Yogendra Patel, Construction Expert from Gandhinagar announcing the best three projects



Students and Faculty members of VICT at a glance

SUMMARY

Students got the best advantage of the knowledge shared by the invited industrial experts and they have come to know the various innovative industrial practices in various engineering sectors.

FEEDBACK

All the students, faculty members and experts gave highly positive feedback about the idea of project fair. They also appreciated the effort made by VICT and indicated the usefulness of this fair in their project study & placement. The need for project fair was well realized by each of them.

PRIME FEEDBACKS WERE:

- Organizing of student fair was good
- Adequate information & knowledge was given by experts
- Skill Development through students' exposure

Feedbacks from some few experts from Industries:

"Quite impressed and happy to see the innovative projects of VICT students"

Dr. Yogesh Dave, Co-chairman, Chhatral Sankul

"We like the innovative projects of the students, will come for placement & offer jobs in our group of companies"

Mr. Jaspreet Singh, Chairman, Supergroup of Industries

"Students from Civil, Mechanical and Electrical Engineering department has done fantastic and innovative project works and their subject areas are emerging issues and need"

Mr. Ramesh Patel, President, Chhatral Sankul



ANNEX I: IDENTIFIED TOP THREE PROJECTS (DEPARTMENT WISE)

Dept	Team No.	Project Title	Enrolment No	Name
Civil Engg.	Team No. 1	Community Parking	100810106005	Smit Bhatt
			100810106002	Nikunj Patel
			100810106007	Dinesh Khatwani
			100810106057	Shrenik Sejpal
	Team No. 2	Applications of Geographical Information System (GIS) in Road Alignment	100810106012	Kanani Twinkle j.
			100810106025	Joshi Rachit D.
			100810106035	Patel Kush D.
	Team No. 3	Application and Design of Gabion Wall in Underpass of S.G. Highway, Ahmedabad	100810106023	Dhwani Joshi
			100810106040	Meet Chokshi
			100810106041	Henee Patel
110813106008			Sachin Patel	
Electrical Engg.	Team No. 1	Controlling of Electrical Appliances through PC using Visual Basic	100810109054	Joshi Yash P.
			100810109049	Jain Sanket D.
			100810109013	Mitul Bhavsar S.
			100810109061	Parth Pithawa K.
	Team No. 2	Generation of Electricity from the Velocity of Vehicles	110813109002	Prajapati Bhadresh P.
			110813109003	Sonlania Vaibhav M.
			110813109007	Patel Dhaval M.
			110813109009	Saroj Naresh B.
	Team No. 3	Protection of three Phase Appliances using dual supply mode	100810109040	Solanki Dharmesh N.
			100810109048	Parikh Pradip G.
			100810109050	Makawana Jaimin H.
Electrical & Electronics Engg.	Team No. 1	Mobile Technology based Remote Monitoring and Control of Digital Energy Meter	100810108007	Patel Dipesh R.
			100810108013	Trivedi Adit H.
			100810108014	Shukla Amit R.
			100810108020	Patel Druv D.
	Team No. 2	Development of Home Automation System with use of PLC & SCADA	100810108029	Patel Piyush J.
			100810108040	Trivedi Darshan V.
			100810108055	Parmar Piyush P.
	Team No. 3 (i)	Design & Development of Automatic mains Failure Panel	100810108018	Patel Neel M.
			100810108039	Prajapati Vivek H.
			100810108038	Prajapati Krunal A.
	Team No. 3 (ii)	Load Flow Analysis of IEEE 30 Bus System	100810108004	Paladiya Jayesh B.
			100810108045	Panchal Sanket A.
			110813108011	Parmar Rajnikant I.



Dept	Team No.	Project Title	Enrolment No	Name
Mechanical Engg.	Team No. 1	Slicing Machine for Cutting Vegetables	100810119030	Garasiya Mansukh V.
			100810119064	Bawiskar Umesh B.
			100810119067	Kalia Munish S.
			110810119015	Toke Rakshit
	Team No. 2	Automatic Mopping Machine	100810119043	Patel Ruchitkumar M.
			90810119058	Mehta Pranav M.
			100810119046	Patel Neel S
			100810119008	Patel Ruchit B.
	Team No. 3 (i)	Blue Match Testing Instrument	110813119004	Christan Joy P.
			100810119048	Dhruv Jaimin S.
			100810119036	Rao Win Amitbhai
	Team No. 3 (ii)	Maximum Solar Efficiency by Auto Tracking System	110813119002	Patel Hardik R.
			110813119006	Chotai Parth J.
110813119011			Mehta Ankit U.	
110813119012			Rana Dhvalkumar M.	
Computer Engg.	Team No. 1	IDE for PAAS	100810107014	Arpit M. Jain
			100810107067	Lavesh A. Katariya
	Team No. 2	Hotel Reservation Management Suite	100810107036	Udval Panchlothia
Team No. 3	Job Portal & Career Corner	100810107058	Ranjankumar Jha	
Electronics & Communication Engg.	Team No. 1	Hydrological Disaster Management	110813111005	Gandhi Rahil S.
			90810111054	Patel Nikunj C.
			110813111013	Lakhawara Ketan P.
	Team No. 2	Traffic Control System via Image Processing using Mat Lab (Wireless)	100810111009	Khoja Azil
			100810111037	Patel Jigar
			100810111018	Patel Gaurang
	Team No. 3	Solar Panel Controller Optimization and Utilization	110813111010	Patel Jay
			110813111007	Patel Jigar
			110813111004	Qureshi Bilal



VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY

Gandhinagar

STUDENTS PROJECT FAIR – 2014

Friday, 2ND May, 2014

Schedule of Program

Guest of Honor: **Dr. Yogesh Dave** (Co-Chair, Chhatral Sankul); **Mr. Ramesh Patel**, President, Chhatral Sankul, **Mr. JaspreetSingh** (Chairman – Super Group of Companies); **Mr. Bhattacharya** (Ex- Employee ISRO)

Timings	Descriptions
10:00 am to 10:30 am	Receiving of the guests of honour from industries, academic experts
10:30 am to 01:30 pm	Visit to Project Area EE: Machine Lab, EEE: Class Room (3 rd Floor), EC: Lab 32 to 36, Civil: Civil Lab, Mechanical: Workshop
01:30 pm to 02:00 pm	Lunch
02:00 pm to 03:30 pm	Interaction with the students & Declaration of top three projects (department wise)
03:30 pm to 04:00 pm	Tea



ANNEX III: GUIDELINES FOR PREPARATION OF POSTER



VENUS INTERNATIONAL COLLEGE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL ENGINEERING



PROJECT TITLE

GROUP ID: EE / XX (XX HERE MEANS YOUR GROUP NO. IN PROJECT LIST)

GENERAL GUIDELINES FOR INCLUDING MAIN CONTENTS:

IT IS SUGGESTED TO USE THE FONT SIZES DEFINED IN THIS FORMAT FOR VARIOUS PARTS, HOWEVER THIS IS NOT COMPULSARY

MAIN CONTENT OF PROJECT MAY INCLUDE SIGNIFICANT FIGURES LIKE BLOCK DIAGRAM OR PHOTOGRAPHS OF ASSEMBLED HARDWARE AND / OR FLOWCHART SHOWING MAJOR STEPS OF THE PROJECT. IT SHOULD INCLUDE ADVANTAGES OFFERED BY THIS PROJECT TO THE SOCIETY.

APPLICATION AREA OF THE PROJECT SHOULD BE HIGHLIGHTED. ONLY IMPORTANT AND MOST DISPLAYABLE CONTENT SHOULD BE INCLUDED IN POINTWISE MANNER. DON NOT WRITE HERE LONG THEORIES OR DESCRIPTION PARTS. HOWEVER SHORT DESCRIPTION ON WORKING OF THE PROJECT IS ACCEPTABLE.

PREPARE YOUR POSTER / BANNER IN SUCH A WAY THAT IT IS SELF EXPLANATORY. THE READER SHOULD UNDERSTAND YOUR PROJECT ON HIS OWN WITHOUT ASKING YOU MUCH QUESTIONS

IT IS NOT MANDATORY TO DESIGN YOUR BANNER / POSTER IN TWO COLUMN FORMAT. IT MAY BE SINGLE COLUMN OR EVEN THREE COLUMN FORMAT ALSO

USE YOUR OWN INNOVATIVE IDEAS AND YOUR IMAGINATION POWER TO MAKE YOUR REPRESENTATION THE BEST.

TOP THREE PROJECTS WILL BE AWARDED CERTIFICATES OF RANK AND THE BEST TEAM IN EACH DEPARTMENT WILL BE AWARDED PRIZE. ALL THE PARTICIPANTS WILL BE AWARDED CERTIFICATES OF PARTICIPATION.

THOSE STUDENTS WHO DO NOT PARTICIPATE IN THIS PROJECT FAIR—2014 WILL LOOSE THE MARKS THAT ARE DEDICATEDLY ALLOCATED FOR THE PROJECT EXHIBITION COMPETITION ONLY.

AS PER GTU CIRCULAR 25% OF INTERNAL MARKS ARE DEDICATED TO THE PARTICIPATION OF INDIVIDUALS IN THIS EVENT

THIS EVENT IS OPEN FOR ALL. YOU MAY INVITE YOUR PARENTS, FRIENDS OR RELATIVES. INDUSTRIAL EXPEERTS AND FACULTY MEMBERS FROM OTHER COLLEGES WILL JUDGE THE PROJECTS AND MARKS WILL BE GIVEN BY THEM. IT IS SUGGESTED TO ALL THE STUDENTS TO PREPARE WELL FOR THIS.

THIS WILL GIVE ALL THE STUDENTS AN OPPORTUNITY TO HAVE A HANDS ON PRACTICE OF THEIR PROJECT PRESENTATION BEFORE THE EXTERNAL VIVA EXAMS

!!!! ALL THE BEST TO ALL !!!!

Prepared by:

NAME1 (ENRL ID) NAME2 (ENRL ID)
NAME3 (ENRL ID) NAME4 (ENRL ID),

Guided by:

Internal Guide: Assistant Professor
External Guide: (Ignore if UDP)

