



**Gujarat Technological University**  
**(GTU)**

A

Report on

**“PROJECT FAIR”**

Academic year

(2015-2016)



**SIGMA POLYTECHNIC (642)**

**SIGMA POLYTECHNIC (642)** had organized the open Project Fair on **3<sup>RD</sup> & 4<sup>TH</sup> March 2016** in the college campus in all five departments (Civil, Mechanical, Computer Science, Electrical & EC Engineering) to create awareness about different industry defined problems and user defined problems in engineering field. All the final year students had actively participated in the fair and showcased their projects by different means of presentations such as posters, ppts, brochures, leaflets, working models, etc.

Mr. B.K. Basu was a chief guest of this project fair. He is Vice President and Head of L & T Power, L & T Knowledge city, Vadodara. Mr. R.D. Pandya was also guest and judge for Project fair 2016. He is Head of Power Training Institute, L & T Power, Vadodara. Mr. Shailesh Shah who is the Chairman of “Sigma group of Institutes” was guest of the project fair. Mr. Himanshu Gupta ( H.O.D. EC – Leads Engineering, Matar) was also judge in this event. The project fair started at 9.00 am.

All the Guides along with other staff members had actively participated the fair. External juries and industry personals were called in respective departments to check the innovative quotient of the projects. Directors, HOD’s and faculty members from neighboring colleges had visited the fair. Around 250 parents have visited the project fair; Students from other neighboring colleges also came in large number in the Project Fair.

Mr. Purvesh Shah & Mr. Devendra Pandey from Mechanical Department had organized the Project fair in the Mechanical Department. Mr. B.K. Basu & Judge Committee had observed all the projects of Mechanical Department.



Walking Bike



Mr. B.K. Basu (President L & T), Mr. Hasit Desai (Director of Sigma Polytechnic) & Judge Committee had observed all the projects of Mechanical Department.



Multipurpose Machine



River Waste Remover



Mr. Bhavin Janani from Civil Department had organized the Project fair in the Civil Department. Mr. B.K. Basu & Judge Committee had observed the all projects of civil branch.



Green Building





Green Village



Movable Bridge



Mr. Amit Patel from Computer Department had organized the Project fair in the Computer Department. Mr. B.K. Basu & Judge Committee had observed the all projects of civil branch.



Online Examination System



Online Railway Ticket Booking



Projects Observed by Mr. Shailesh Shah (Chairman of Sigma Group)





Mr. Janmejy Vyas from Electrical Department had organized the Project fair in the Electrical Department. Mr. B.K. Basu & Judge Committee had observed the all projects of civil branch.



Gema Solar Power Plant



3D Movement Dish TV

Mr. Arpit Parikh from EC Department had organized the Project fair in the EC Department. Mr. B.K. Basu & Judge Committee had observed the all projects of civil branch.



Adroid Gesture Controlled Hybrid Robot



The event end with full of joy & they shared lots of technical knowledge with each other. Students showed great skill in Solar Power, Computer, Mechanical, Civil, Electrical and event end at 5:00 but innovation & idea begun.



**List of best three projects of each department selected by Committee.**

<b>SIGMA POLYTECHNIC (642)</b>		
<b>BRANCH WISE BEST 3 PROJECTS</b>		
<b>RANK</b>	<b>PROJECT NAME</b>	<b>WINER NAME</b>
<b>COMPUTER BRANCH</b>		
1	MAPPING FILTER	PRATIK P MORE ASHIYA KHAN
2	TRACK YOUR WHEELS	YAMINI D AGRAWAL
3	TEST AUTOMATION FRAMEWORK	RAJPUT VANIKET SHAH HARSH
<b>ELECTRICAL BRANCH</b>		
1	RADIO FREQUENCY OPERATED DOMESTIC APPLIANCES CONTROL	CONTRACTOR ROHAN DODIYA YASH GOHIL SANDIP PATANWADIA HITESH
2	HYBRID ELECTRIC CAR	NIMALKAR RONAK PATEL KEYUR RATHOD HARIT SOLANKI SUBHAM
3	GSM BASED AUTOMATIC IRRIGATION SYSTEM	JITENDRA PAL RAMEEZ MANSURI RAHUL PARMAR JAYDEEP CHAUHAN
<b>MECHANICAL BRANCH</b>		
1	RIVER WASTE REMOVER	PATEL MEERA THAKOR HEMAL THAKOR MANALI SALVI CHINMAY YADAV BIRENDER
2	AGRAON	AKSHAY SHARMA MARKANDEY MAKWANA PRAGNESH RATHOD UDIT JAGTAP VIVEK SHUKLA
3	GENERATING ELECTICITY BY URINE	PATEL MEHUL J. PATEL JAY J. PATEL YASH A. SIKLI GAR UDAYKUMAR

<b>EC BRANCH</b>		
1	VOICE BASED LED NOTICE BOARD	MAURIYA ASHWIN
		PARMAR RAVI
		PARMAR SHERYA
2	WIRELESS DISTANCE MEASUREMENT	ROHIT ICHHAGUTU
		PATELIYA MAYANK
		BARIA TEJSHWI
3	3D MOVMENT DISH TV	HIRE DAMINI
		SOLANKI AMIT
<b>CIVIL BRANCH</b>		
1	VISHWAKARMA YOJNA PHASE 3	ASAD PATEL
		NITIXA PATEL
		POOJA BHAVSAR
		KAJAL SHAH
		NIRAJ MISHRA
2	SOLID WASTE MANAGEMENT	MAYANK BHOSLE
		NISHIDH BHATT
		PARMAR MAYUR
3	GREEN BUILDING	AXAY PARMAR
		GUPTA MAHESH
		SMIT MISTRY
		DHWARKESH PATEL