



STUDENTS PROJECT FAIR

&

POSTER PRESENTATION

Organized by

Civil Engineering Department

SAL Institute of Technology & Engineering Research, Opp. Science
City, Sola Bhadaj Road, Ahmedabad-380060

Dated & Time:

27th & 28th February 2020, 09:30 AM TO 4:30 PM

About the Institute:

Established in 2009 by Adarsh Foundation, SAL Group of Institute offering graduate and post graduate programs in Engineering, Pharmacy, MBA and Architecture, having 6 colleges and 11 branches. SAL Group of Institutes are affiliated to GTU and approved by AICTE, New Delhi. SAL Technical Campus is rated by The Times of India as No. 1, the best in private Engineering colleges in Gujarat. SAL Technical Campus is managed by technically and experienced and well qualified team members under leadership of Dr. Rajendra Shah (Chairman). The Campus has grown steadily and is imparting quality technical education to young engineers. It is the 1st and only institute in Gujarat ranked by QS- I gauge (UK).

About the Department:

The department of Civil Engineering offers Degree course in Civil Engineering and Post graduate program in Structural Engineering. The Department has state of the art well equipped laboratories including computer facilities. Our initiatives are aimed to provide high end technical education and build careers of our students. We give equal emphasis on fundamental studies, practical exposure and industrial orientation. The students also carry out their projects at the leading industries which give them exposures to live industrial problems/activities. Under the student exchange program, in collaboration with foreign universities students are given opportunity to avail global.

Background of event:

“Showcase your hardware skills”. It does not take much strength to do things, but it requires a great deal of strength to decide what to do. When reason and unreason comes into contact an electrical shock occurs. This is called polemics. Implement innovative ideas to showcase your mind. So this fair has arranged to give exposure to final year students of civil engineering students to show their research and analytical thinking skill for betterment of society as well as human being.

Date	Time	Venue
27-02-2020 and 28 -02-2020	09.30 AM onwards	Civil Department, SALITER

Key points discussed in the event

1. Suggestion about the filing of the patents of innovative projects.
2. Suggestion to implement the projects to solve real life problems.

Key outcomes of the event

No of innovative solution was suggested for real life problems like water and wastewater filtration system, traffic solution, innovative concrete technology, revolving bridge, structural design using software and economical construction materials.

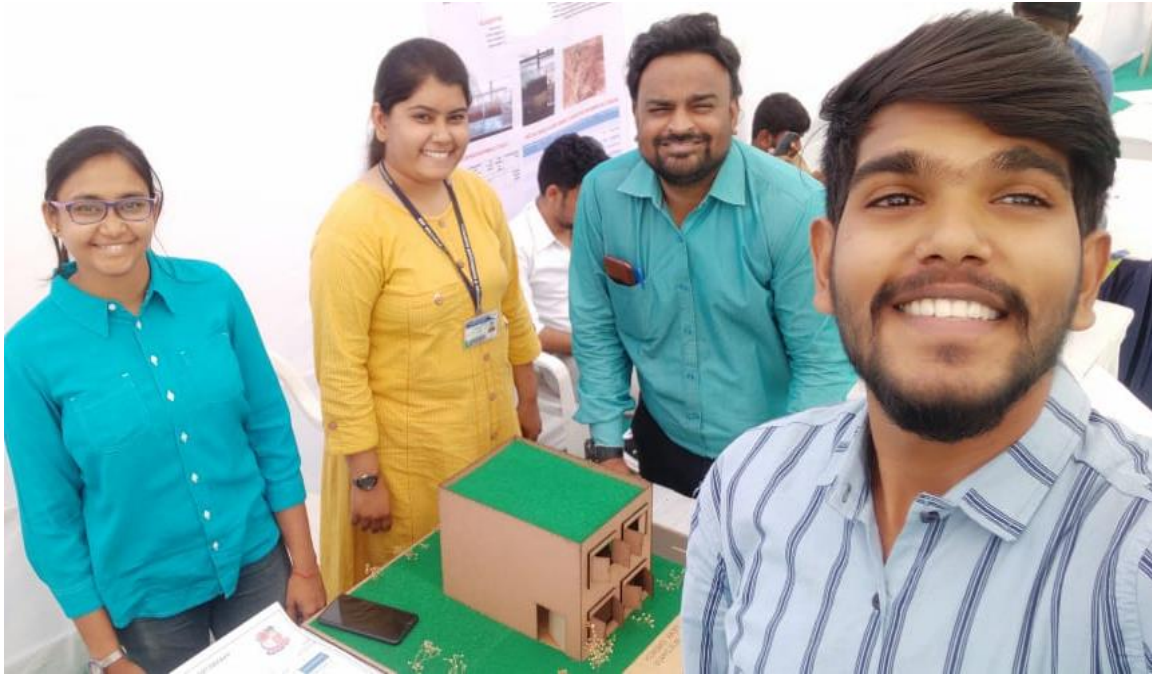
Expert list

Sr.no	Name of Jury Member (senior professor/ industrial expert)	Specialization/designation	Organization
1	Prof. P. M. Raval	Principal	Sal Engineering & Technical Institute
2	Prof. Hema Vanar	In charge Principle	Sal College of Engineering
3	Prof. Chirag Patel	Assistant Professor	Sal Institute of Technology and Engineering Research

Photo Gallery







Results of the Project Expo:

1st Rank

160670106001	Achrya Krupa	Sustainable wastewater treatment by using Microbial fuel cells
160670106058	Patel Drashti	
160670106059	Patel Harsh	
160670106076	Patel Zeel	
160670106531	Mehta Juhi	

2nd Rank

160670106004	Baraiya Vanraj B.	Study of settlement behavior of square footing resting on reinforced sandy soil
160670106016	Damania Aditya K.	
160670106034	Jogarana Tejabhai D.	
160670106562	Prajapati Dhanraj B.	

3rd Rank

170673106033	Raval Dhuvil	Automatic Irrigation By Using Wastewater
170673106040	Vansola Taniya	
170673106506	Chudasama Mitanshu	
170673106531	Oza Sachin	
170673106549	Rajput Pratyaksh	
170673106551	Raval Alay	

Total list of groups participated in project expo

Group No.	Enrolment No.	Name of Student	Project Title
1	170674106001	Rutvi Chavda	Feasibility MBBR With Activated Carbon as Bio-Filmcarrier
	160670106527	Kevin Kanani	
	170673106032	Himanshu Rathod	
	170673106559	Vishwakarma Ankitkumar	
2	170673106516	Desai Saqleen	Study of traffic congestion and suitable solution
	170673106006	Chavda Mayur	
	170673106020	Lakhtariya Nirav	
	170673106025	Mistry Rohan	
	170673106034	Sathwara Jaydeep	
	170673106035	Sisodiya Pratik	
3	170673106033	Raval Dhuvil	Automatic Irrigation By Using Wastewater
	170673106040	Vansola Taniya	
	170673106506	Chudasama Mitanshu	
	170673106531	Oza Sachin	
	170673106549	Rajput Pratyaksh	
	170673106551	Raval Alay	
4	160670106001	Achrya Krupa	Sustainable wastewater treatment by using Microbial fuel cells
	160670106058	Patel Drashti	
	160670106059	Patel Harsh	
	160670106076	Patel Zeel	
	160670106531	Mehta Juhi	
5	160670106553	PATEL RUSHIN	GROUND WATER REPLIFEHER
	170673106030	PATEL RUCHI	
	160670106571	SHAH JINAY	
	160670106584	VADIA BHAVYA	
6	160670106568	Rathod Yesha M.	Parametric Study of low peak energy based demand in Residential Building using Design Builder Software
	170673106031	Patel Vaishvi M.	
	170673106038	Vaghela Hiren K.	
	170673106528	Khirsaria Shraddha H.	
	170673106550	Rathod Tushar R.	
7	160670106004	Baraiya Vanraj B.	Study of settlement behavior of square footing resting on reinforced sandy soil
	160670106016	Damania Aditya K.	
	160670106034	Jogarana Tejabhai D.	
	160670106562	Prajapati Dhanraj B.	

Project Performance Feedback

Name	Prof. P. M. Rawal
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Views about Project Fair

Provide a description of the project fair

It was a good experience to show case the innovative ideas related civil engineering fields. The project fair was nicely organized and students shows there good technical strength. Some of

the projects were really good to solve the real-life problems.

Performance Summary

Identify the overall level of effectiveness in fulfilling society responsibilities by this project.

How effective was the project fair in fulfilling the specified role(s) and responsibilities in Society?

Very effective

Effective

Not effective

Provide performance feedback on each of the key competencies listed below. *Comments are optional unless performance in that area was not as effective as it should have been.*

Theme of Projects

<u>Level of effectiveness:</u>	<u>Comments/performance examples</u>
<input checked="" type="checkbox"/> Very effective	
<input type="checkbox"/> Effective	
<input type="checkbox"/> Not effective	---

Carry forward projects for start-up

<u>Level of effectiveness:</u>	<u>Comments/performance examples</u>
<input checked="" type="checkbox"/> Very effective	
<input type="checkbox"/> Effective	
<input type="checkbox"/> Not effective	----

IDP/UDP Coordinators:

1. Prof. Chirag Patel

2. Prof. B. Mohanty