

A REPORT
ON
CIVIL GTU TECH FEST 2018



The poster features a brick wall background at the top. On the left is the Gujarat Technological University (GTU) logo, a shield with a gear, a book, and a torch, with the motto 'समृद्धि ज्ञान संसाधन' (Samriddhi Gnan Sansadhan) below it. To the right of the logo, the text 'GUJARAT TECHNOLOGICAL UNIVERSITY' is written in large, bold, white letters. Further right is a calendar icon showing 'FEB 2018' and '22-23'. Below this, a yellow banner contains the text 'GTU TECHFEST-2018' in large black letters, and 'SOUTHZONE-SURAT [ZONE : 5]' in smaller black letters. The bottom section has a blue background with the text 'CIVIL ENGINEERING DEPARTMENT' in white, followed by the tagline 'Committed to create biggest creation & deepest bore holes...'. Below this is a 3D architectural rendering of a large, modern building complex. To the right of the rendering is a large black crane. A yellow pencil is positioned horizontally across the bottom of the rendering. On the right side, near the crane, the text 'TRAFFICA', 'LIFE OF PILE', 'COLREFS', 'ARTIFICE', and 'BREAKUP BRIDGE' is written in different colors (blue, grey, green, red). At the bottom left, the text 'Department Faculty Coordinator' is followed by 'Dr. Mehali Mehta' in red. At the bottom center, the text 'Department Student Head' is followed by 'Vasu Shah (8980337611)' and 'Naimesh Jariwala (9537802292)' in black.

GUJARAT TECHNOLOGICAL UNIVERSITY

FEB 2018
22-23

GTU TECHFEST-2018
SOUTHZONE-SURAT [ZONE : 5]

CIVIL ENGINEERING DEPARTMENT
Committed to create biggest creation & deepest bore holes...

TRAFFICA
LIFE OF PILE
COLREFS
ARTIFICE
BREAKUP BRIDGE

Department Faculty Coordinator
Dr. Mehali Mehta

Department Student Head
Vasu Shah (8980337611)
Naimesh Jariwala (9537802292)

Life of Pile

Participant passed through a series of task to attain the title of LIFE OF PILE. Those included preparation of pile and pile cap model with popstics using specified dimensions, then test the model on sand with different loads on it. Compression test and pull out test were performed during the event. Dr. Shruti Shukla from Sardar Vallabhbhai National Institute of Technology has been invited as a Jury during the event.

Total Participant: 58

No. of Group: 16

Participant from SCET : 22

Participant from Other: 36

Winners: 3 group

Sr. No.	Student Name	College Name	Branch	Sem	Position	Prize
1	Donda Tirth Mukeshbhai	Shree Swami Atmanand Sarswati Institute Of Technology	CIVIL	4	1st	Certificates + 3000/- cash
	Chauhan Jinalkumari Hemantbhai					
	Jha Pranjal Raj Rajesh Kumar					
	Khalifa Sarmin Allarakha					
2	Tarsariya Adarsh Pankajbhai	Sarvajanik Colloeege Of Engineering And Technology	CO	2	2nd	Certificates + 2000/- cash
	Sonani Parth Ashokbhai					
	Kachariya Umesh Vinubhai					
	Zanzmera Utam Jayantibhai					
3	Thakur Nitish Ranvir Singh	Bhagwan Mahavir College Of Engineering And Technology	CIVIL	6	3rd	Certificates
	Sarvaiya Ruradeepsinh Rajendrasinh					
	Shaikh Kahar Ab Wahab					



Break Up Bridge

This event was organized under GTU Techfest at Sarvajani Engineering College of Engg and Technology, Surat .dated 23rd February 2018

Brief details of event are given here.

Name of Faculty Head:	Dr.Kamlesh Dalal
Name of Event Jury:	Dr.Tulesh Patel
Name of Event Head (Students):	Soham Prajapati, Parikh Maitray
Name of Event Coordinators Students):	Jigar Jariwala, Viraj Shah
Number of Total Groups participated:	25 Groups (73 Participants)
Nos of Groups participated of SCET,Surat:	9 (26 Participants)
Nos of Groups participated of other colleges:	16 Groups (47 participants)

(SASSIT, Surat. Pacific School of Engineering, Palsana; BMCET, Surat; Vidhyadeep, Kim.)

Event was conducted in total 3 rounds. Details of each round is as following,

Round 1:

This is the bonus round where there is a computer game of bridge construction. Valuation of points will be counted as per GTU guidelines. All participant will be allow for next round as per GTU guideline

Round 2:

In this round there is a point counting by the deflection of bridge due to applying moving load as per GTU guidelines.

Round 3:

This is the final round where there is an earthquake effect on bridge due to shaking table mechanism with applied load.

After completion of all rounds and considering total points of all rounds, winners declared by Jury Dr Tulesh Patel.

List of winner is as following:

Sr.	No.	Enroll. no.	Student name	College name	Position
	1	161120106011	Kapadiya Nandish	Pacific School of engineering	1st
	2	161120106026	Patadiya HirenPankajkumar		
	3	161120106027	Patel Arunkumar		
	1	171123106046	Patel Harshil Natvarlal	Pacific School of Engineering	2nd
	2	171123106029	Manasvi Vekariya		
	3	171123106056	Rajpara rahul		
	1	160760106066	Panchal Dhawal Hetul	Shri Swami Atmanand Saraswati Institute of Technology	3rd
	2	160760106073	Patel Greenik Dhaneshkumar		
	3	160760106078	Patel Maitry Umeshbhai		

Here are few Glimpses of Event:



ARTIFICE

- ❖ Total No of participants : 14
- ❖ Winner list :

Sr. no	En no	Student Name	College	Position
1	140140106029	Nahar Surabhi M.	GEC , Bharuch	1
	150143106001	Chauhan Rahul D.		
	150143106008	Liliya Aamir H.		
2	160423106001	Bhadiyadra Avi M.	SCET , Surat	2
	150420106063	Viradia Meet A.		
	150420106023	Vekariya Jaydeep K.		
3	160763106001	Alish U. Patel	SSASIT, Surat	3
	160763106010	Kumbhani Monik D.		
	160763106006	Jamani Wasim Raja Manjur Husain		



COLREFS

In context of GTU Zonal (Zone 5) TechFest 2018 organized by Sarvajanic College of Engineering and Technology, a two day event on 22nd and 23rd February, 2018. The Colrefs event was organized on 22nd February 2018. The event was undertaken by the one faculty head Prof. ManishaVashi, two student event Mangers - Siddh Shah and Rudraksh Desai, two volunteer - Harsh Ravani and Meet Padaliya where 70 teams with 259 participants with attended the competition conducted in CED class rooms at 11:00 am onwards. It consisted of 2 rounds whereas in first round, 70 teams were participated and construct building from given wooden kit having three different types of wooden blocks (L – shape, Rectangle shape and Square shape). Out of these 70 teams 8 teams are qualified for round 2 on the basis of Height of building made from blocks and stability check as per block numbers of blocks removing by jury. The qualified 8 teams with 30 students are participating in round two as a puzzle kit. From the second round three winners was declared on the basis of puzzle arrange by each team (Nos of blocks to be arranged in puzzle). Lastly three winners were declared and given the cash prize. The winners are given below.

Table: Winner's Details of ColrefsEvent

Sr. No.	Group No.	Name of Student	Institute Name	Event Code	Department	Winner's nos.
1	50	SHAH JAINAM	SARVAJANIK COLLEGE OF ENGG. & TECH., SURAT	12	CIVIL	1st
2		ABHAY RANGOONWALA		12	CIVIL	
3		SHIVANI PATEL		12	CIVIL	
1	60	RAJVEERSINH CHAUHAN	SARVAJANIK COLLEGE OF ENGG. & TECH., SURAT	12	CIVIL	2nd
2		HARSH MEHTA		12	CIVIL	
3		RIDHAM PATEL		12	CIVIL	
4		PINKESH PATEL		12	CIVIL	
1	24	SHAH JINESHWAR PRITESHKUMAR	SARVAJANIK COLLEGE OF ENGG. & TECH., SURAT	12	CIVIL	3rd
2		PARMAR RUSHIT		12	CIVIL	
3		SUJITRA YASHISH		12	CIVIL	
4		SONI NIRAV		12	CIVIL	



TRAFFICA

The event “TRAFFICA” was organised by Faculty of Civil Engineering, Sarvajani College of Engineering, Surat under the banner of GTU Tech–Fest 2018 (a Zonal Level Tech–Fest for South Zone: Zone 5) on 22nd – 23rd February, 2018. The event aimed at planning the road network according to the surrounding conditions and to prepare prototype (model) for the same. Hence, a real life traffic problem of Nilgiri Circle, Limbayat, Surat, with all necessary information, was selected and provided. Participants were in a group of four. The event consists of three levels, viz, ‘Round 1’, ‘Round 2’ and ‘Round 3’. Round 1 and Round 2 were conducted on first day of GTU Tech–Fest 2018 and included planning of the solution and their technical aspects, respectively. The last round was conducted on the second day of tech – fest and the qualified participants prepared the model of their solution. Er. Bhairavbhai Desai, Deputy Engineer, Surat Municipal Corporation, Surat was invited as jury for the event ‘Traffica’. With his 19 years of experience in the field, he guided the participants and discussed and judged the solutions provided by participants. At the end, three teams qualified the last round, wherein winners and 1st runners up were honoured with certificates and cash prize of Rs. 2000/- and Rs. 1500/- respectively, and 2nd runners up were honoured with certificates.

Total number of participants (SCET)	:	33
Total number of participants (Other colleges):		79
Name of Jury	:	Er. Bhairavbhai Desai, SMC
Name of Winner Team	:	Avaiya Jenish Vajubhai Khichadiya Ankit Ghanshyambhai Badrukhiya Piyush Madhubhai Kataria Dhruv Bhupendrabhai
Name of 1 st Runners up Team	:	Thakur Nitish Ranvir Singh Sarvaiya Rudradeepsinh Rajendrasinh Shaikh Kahar Ab Wahab
Name of 2 nd Runners up Team	:	Patel Raj Manubhai Patel Dhruvkumar Ashvinkumar Kyada Krunal Patel Kishankumar Shaileshbhai



Team for event TRAFFICA – Master Deep Shah, Master Mehul Jariwala, Master Maulik Rafaliya, Prof. Shikha D Asukar, Master Ravi Karkar and Master Nirav Kaniya (left to right)



Er. Bhairavbhai Desai, Jury of TRAFFICA (third from right), Dr. Mehali Mehta, Civil Tech Head (second from right) and Prof. Shikha D Asukar, Event Head (right) while judging the solution provided by a team of participants (left).



Dr. Pratima Patel (left), Dr. Mehali Mehta (second from right) and Prof. Shikha D Asukar, Event Head (right) offering certificate and cash prize of Rs. 2000/- to the member of Winner Team (second from left).



Dr. Pratima Patel (left) and Prof. Shikha D Asukar, Event Head (right) offering certificate and cash prize of Rs. 1500/- to the members of 1st Runners Up Team (second from left and right)& Master Maulik Rafaliya, Event Manager (center).