

# NIRMAAN

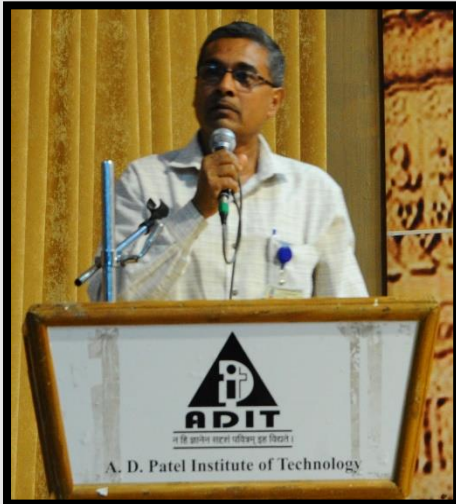


THE NEWSLETTER: DEPARTMENT OF CIVIL ENGINEERING  
“THE ROAD TO SUCCESS IS ALWAYS UNDER CONSTRUCTION”

A. D. PATEL INSTITUTE OF TECHNOLOGY, NEW V V NAGAR- 388121

JANUARY 2019 - JUNE 2019, ISSUE NO.2

## FROM THE DESK OF PRINCIPAL



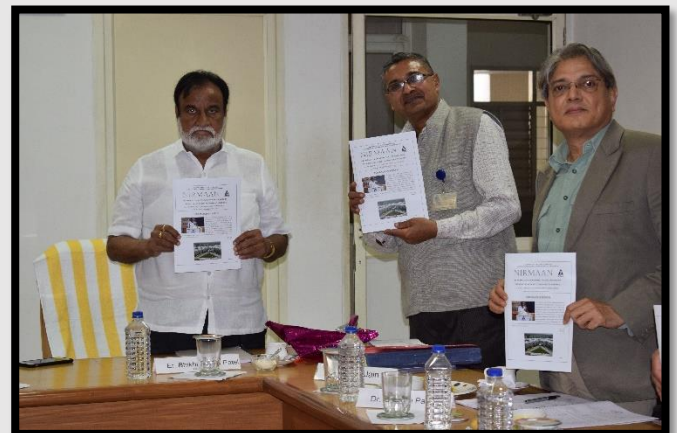
It is indeed pleasure moment for a principal to know that the department of civil engineering is bringing out the second issue of Nirmaan for a period of January 2019- June 2019 in July 2019. It shows dedication of teachers, commitment of head as leader for taking the assigned task seriously and giving the result in stipulated time.

In the fast rate of development of nation, core branches like Civil Engineering & Mechanical Engineering can play a vital role and provide consistent long term sustainable national growth. It can also create large employment opportunity for all the level of people from labor to chief executive, worker to engineer/ designer. I wish the department at ADIT a great success in shaping the new generation engineer to contribute to the society.

R K Jain  
Principal



AERIAL VIEW OF ADIT



NEWSLETTER, ISSUE 1 RELEASED BY  
HON. CHAIRMAN, CVM

## FROM THE DESK OF THE HEAD OF DEPARTMENT



It is a matter of pleasure to come out with second issue of newsletter of civil engineering department: "NIRMAAN." It reflects various activities carried out at department level for the period of January to June 2019. It is also including achievements of students and faculty members. I appreciate the effort put in by all editorial team member.

Department of civil engineering is thankful to principal Dr. R.K. Jain for guidance and motivation to students & staff members

We are thankful to Charutar Vidya-Madal for providing all technical & financial support as and when needed. We look forward to continue this activity of publishing a newsletter in future.

Dr. Rajiv Bhatt

Head, Civil Engineering Department,  
A. D. Patel Institute of Technology.

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## MESSAGE FROM EDITORIAL BOARD

It is a matter of pride as well as pleasure to present before our readers, second issue of Civil Engineering Department Newsletter. We feel privileged for the faith reposed in us for performing the role of editor of Department Newsletter. We have worked hard for this newsletter and we would like to thank Dr. Rajiv Bhatt (HOD, Civil Engg. Dept) for the continuous motivation, inputs and time to time feedback for the final draft of this newsletter. This has been a great and wonderful experience and those last six months have been full of successful events. Please get a glimpse of our newsletter and see what we have done so far.



Sonu Pandey      Krushil Patel      Prof. Axay Shah      Princee Soni  
(Second Year)      (fourth Year)      (Assistant Professor)      (Third Year)

Prof. Axay Shah,  
Assistant Professor,  
Civil Engineering Department,  
A. D. Patel Institute of Technology.

### Editorial Board Members

Chief Editor	Dr. Rajiv Bhatt, Head & Associate Professor
Editor	Prof. Axay shah, Assistant Professor
Student Editor	Krushil Patel (Fourth Year 170013106010)
Team Members	Princee Soni, (Third Year 170010106047), Sonu Pandey (Second Year 180010106019)

## DETAILS OF CO-CURRICULAR ACTIVITIES

Sr. No.	Date	Detail of Event/ Activity	Group of Students	No. of Students Participated	Subject	Faculty Coordinator
1	12/1/19	R.K. Bricks Automatic Brick Making Plant Visit at Godhra	4 <sup>th</sup> year	06	Project 2	Dr. Rajiv Bhatt & Prof. Tausif kauswala
2	19/1/19	Construction site visit at SHAAN FORTUNE, Commercial Mall Building.	2 <sup>nd</sup> year	47	Building Construction	Dr. Rajiv Bhatt & Prof. Tausif Kauswala
3	21/1/19	Anupam Cranes Factory Shed Visit at GIDC, V.U. Nagar.	4 <sup>th</sup> year	21	Design of Steel Structure	Prof. Tausif Kauswala
	22/1/19			24		
4	28/1/19	Expert Lecture on Construction Practices of large-scale Projects by Ms. Supriya Gupte. (USA)	4 <sup>th</sup> year	23	Construction Management	Dr. Rajiv Bhatt
5	1/2/19	Contour Survey at Karamsad Pond Site.	2 <sup>nd</sup> year	51	Advanced Surveying	Prof. Bhavin Patel
6	7/2/19	Expert Lecture on CV Writing (Curriculum Vitae)	3 <sup>rd</sup> year	41	-	Prof. Kumarpal Trivedi
7	14/2/19	Expert Lecture on Career in Geoinformatics By Prof. Unnatiben, ISTAR.	3 <sup>rd</sup> year	67	Geoinformatics	Prof. Kumarpal Trivedi
8	16/2/19	Visit of National Academy of Indian Railway, Baroda	3 <sup>rd</sup> year	47	Railway, Bridge & Tunnel Engineering	Prof. Axay Shah. & Prof. Bhavin Patel
9	7/3/19	Seminar on Life Cycle Cost and Extending Life of Structure by Dr. Hemant Vadalkar, Ultratech LTD.	3 <sup>rd</sup> year & 2 <sup>nd</sup> year	45	Construction Management	Dr. Rajiv Bhatt & Prof. Bhavin Patel
10	12/3/19	Model Making Competition	2 <sup>nd</sup> year	57	Building & Town Planning	Prof. Drashti Bhatt & Dr. Vatsal Patel
11	14/3/19	Inauguration of IE(India) Student's Chapter- Civil Engg	All	108	-	Dr. Rajiv Bhatt

12	14/3/19	Poster Competition Under IE Student's Chapter on 'Recent Advances in Civil Engineering'	All	23	-	Prof. Vaishali Patel
13	15/3/19	Workshop on STAAD PRO Software, Training	4 <sup>th</sup> year	26	Design of Reinforced Concrete Structure	Prof. Darshan Yagnik
14	18/3/19	Expert Lecture on Excavating Equipment.by Dr. Jayesh Pitroda, BVM	3 <sup>rd</sup> year	50	Advanced Construction Equipment.	Prof. Vaishali Patel
15	18/3/19	Poster Competition on Advancement in Construction Equipment	3 <sup>rd</sup> year	49	Advanced Construction Equipment.	Prof. Vaishali Patel & Prof. Tausif Kauswala
16	19/3/19	Water Treatment Plant & Waste Water Plant Visit at Baroda	3 <sup>rd</sup> year	49	Water & Waste Water Engineering	Prof. Drashti Bhatt
17	23/3/19	Project Fair	4 <sup>th</sup> year	70	Project-II	Prof. Drashti Bhatt
18	25/3/19 & 26/3/19	Industrial Visit ADANI PORT And Power Plant at Mundra	4 <sup>th</sup> year	38	Harbor Engineering	Prof. Bhavin Patel & Prof. Vaishali Patel
19	8/4/19	Quiz Competition	4 <sup>th</sup> year	70	All	Prof. Vaishali Patel
20	9/4/19	Quiz Competition	3 <sup>rd</sup> year	53	All	Prof. Drashti Bhatt
21	10/4/19	Quiz Competition	2 <sup>nd</sup> year	49	All	Prof. Bhavin Patel

## FACULTY PARTICIPATION AND ACHIEVEMENTS

Sr no	Name of Faculty	Purpose	Details
1	Dr. Rajiv Bhatt (Head Of Department)	Paper Publication in Journal	"A review paper on critical study of green infrastructure facilities and its Implementation." Journal of Emerging Technologies and Innovation Research, Vol.6, Issue 4, April 2019, ISSN- 2349-5162
		Co-curricular Activity for Students	IE(India) student's chapter Civil Engineering opened at ADIT on 14/03/2019
2	Prof. Kumarpal Trivedi (Associate Professor)	Article Published in Magazine	"Steel construction being a niche sector- educate people about the advantages of steel" in magazine steel structures of Metal Buildings (SSMB) on 26/3/19

		Judge in Poster Competition	Judge in poster competition on “Recent Advanced in Civil engineering held at ADIT during IE (student chapter inauguration) on 14 <sup>th</sup> march 2019.
3	Prof. Darshan Yagnik (Assistant Professor)	Co-curricular Activity for Students	Organized a two- days’ workshop on “Structure Analysis & Design using Staad -Pro software” held on 15 <sup>th</sup> – 16 <sup>th</sup> march 2019.
		Co-curricular Activity for Students	Event coordinator in spectrum 2019 on 20 <sup>th</sup> &21 <sup>st</sup> Feb 2019.
4	Prof. Drashti Bhatt (Assistant Professor)	Workshop / Conference Attended	One-Day Seminar on Sustainable Solutions to Industrial Wastewater at School of Engineering, P.P. Savani University, Surat, Date-25/01/2019.
		Co-curricular Activity for Students	Educational/technical field visit for third year students, place – (I) Ajwa water treatment plant, (ii) Atladara wastewater treatment plant, date – 19 <sup>th</sup> March 2019.
5	Prof. Bhavin Patel (Assistant Professor)	Workshop / Conference Attended	Attended workshop on “Team creativity @ workplace” of KAIZEN at H.M. Patel Institute, VVN on 13-12-2018
		Co-curricular Activity for Students	Coordinator of Mega event “City Maker” during SPECTRUM-19 on 21 <sup>st</sup> February 2019
6	Prof. Tausif Kauswala (Assistant Professor)	Paper Publication in Journal	Paper presented in International Journal of New Technologies in Science and Engineering having an entitled “Experimental Study on silica fume and marble dust with partially replaced by cement and fine aggregate” in April -2019
		Workshop / Conference Attended	Attended workshop on “Team creativity and “Skills for Student Parenting” @ workplace” of KAIZEN at H.M. Patel Institute, VVN in December 2018
7	Prof. Vaishali Patel (Assistant Professor)	Co-curricular Activity for Students	Site Visit for 8 <sup>th</sup> semester students at Mundra Port on 25-3-2019
		Other Contribution at Department / Institute Level	Co-ordinator for ISO activities (1) Extra Co-curricular activities (2) Emergency, safety & other Supplementary facility (3) Cultural activities.



8	Prof. Axay shah (Assistant Professor)	Co-Curricular Activity	Contributed as a coordinator for the visit of third year students at National Academy of Indian Railways on 16 February 2019.
		Co-Curricular Activity	Contributed as a departmental coordinator in technical festival named Spectrum-19 at Adit during 20-21 February 2019.
9	Prof. Meet Joshi (Adhoc Assistant Professor)	Other Contribution at Department / Institute Level	Faculty Event Coordinator in Spectrum 2019
		Other Contribution at Department / Institute Level	Actively participated in two-day workshop on "Structure Analysis using Staad Pro"

## ACADEMIC ACHIEVEMENTS (2018-19)

### SEMESTER: 1

RANK	ENROLLMENT NO	NAME OF STUDENT	SPI
1	180010106026	Khyati Patel	7.42
2	180010106019	Sonu Pandey	7.05

### SEMESTER: 3

RANK	ENROLLMENT NO	NAME OF STUDENT	SPI
1	170010106055	Sardarwali Mohammad	9.00
2	180013106023	Rajan Tank	8.67

### SEMESTER: 5

RANK	ENROLLMENT NO	NAME OF STUDENT	SPI
1	160010106039	Raj Bhavsar	8.39
1	160010106009	Jigyasha Dhanotia	8.39
2	160010106015	Amrita Kartha	8.29

### SEMESTER: 7

RANK	ENROLLMENT NO	NAME OF STUDENT	SPI
1	150010106004	Pankti Bhatt	8.88
2	150010106053	Mansi Shah	8.81

## STUDENT'S ACHIEVEMENTS

### ➤ Paper publication in journals / conferences:

1. Bhaumik Gandhi (150010106014), Pankti Bhatt (150010106004), Nisarg Fultariya (150010106012), Mahammad Wasim Shaikh (150010106055) & Prof. Tausif Kauswala, "Evolution of fly-ash bricks Using industrial waste materials". International Journal of Research and Analytical Reviews (IJRAR) (E-ISSN 2348-1269) May 2019, Volume 6, Issue 2.

### ➤ Participation in activities / Competition: (Technical events, sports & cultural)

1. Sardarwali Mohammad (170010106055) won second prize of Rs.9000/- in Ultratech sparkling star Competition held at Navrachna university, Baroda on 21<sup>st</sup> & 22<sup>nd</sup> feb 2019.
2. Sardarwali Mohammad (170010106055) and Niamatullah Mazidi (176001016054) won second prize in city maker event in spectrum 2019 on 1<sup>st</sup> march 2019.
3. Smit Modi (170010106020), Harsh Harwani (170010106011), Apurva Jadhav (170010106012) won First prize in Poster competition on IE (student chapter) on 14<sup>th</sup> march 2019.
4. Sikhar sangule (170010106041), Jigar sodha (170010106044), Khushi Solanki (170010106045) won First prize in Model Making Competition on 11<sup>th</sup> march 2019.
5. Divya Bathija (160010106005) is working as a chairman in IE(I) Students' Chapter, Civil Engineering at ADIT.
6. Divya Bathija (160010106005), Karan Kansara (160010106014) & Hina makwana (160010106020) Won first prize in Poster Competition held in Department on Advanced Construction Equipment on 18<sup>th</sup> march 2019.
7. Amrita Kartha (160010106015) Raj Bhavsar & (160010106039) were coordinators of Civil Engineering Department for Spectrum 2019 Activities on 21<sup>st</sup> & 22<sup>nd</sup> feb 2019.
8. Raj Gandhi (170013106004) & Arth Chaudhary (170013106003) were event coordinators of city Makers in Spectrum 2019.
9. Harsh Shah (160010106048) was the event coordinator of wonder wall in Spectrum 2019.
10. Deep Virola (160010106059) was the event coordinator of Wastrasol and Hurdles & Twisters in Spectrum 2019.
11. Nisarg Shah (160010106049) was the event coordinator of Seismic Tower in Spectrum 2019.
12. Dhyey Patel (180010106025) won Second Prize in Vishma Cup on 29/04/19 at Vrajbhumi International School, Mogar and CVM FA Cup won second prize in Football at Shastri CVM Academy Vallabh Vidyanagar on 31/3/19.
13. Divya Bathija (160010106005), Nisarg Desai (160010106008), Hina makwana (160010106020) & Harsh Shah (160010106048) did the internship on 10<sup>th</sup> July to 21<sup>st</sup> July 2019 at L&T Training, Institute Baroda.

# PHOTO GALLERY



## THE INSTITUTION OF ENGINEERS (INDIA) STUDENTS' CHAPTER INAUGURATION ON 14<sup>TH</sup> MARCH 2019

### SPECTRUM 2019



TECHNICAL ACTIVITY: SEISMIC TOWER



TECHNICAL ACTIVITY: CITY MAKERS





TECHNICAL ACTIVITY: WONDER WALL



TECHNICAL ACTIVITY: WASTRASOL



BUILDING AND TOWN PLANNING MODEL MAKING COMPETITION



**STAAD PRO SOFTWARE EXPERT LECTURE**



**LIVE WEBINAR**



**RAILWAY ACADEMY BARODA VISIT (3<sup>RD</sup> YEAR)**



## GROUP PHOTOGRAPHS OF STUDENT



4<sup>TH</sup> YEAR BATCH



3<sup>RD</sup> YEAR BATCH





**2<sup>ND</sup> YEAR BATCH**



**1<sup>ST</sup> YEAR BATCH**

**-: END OF REPORT: -**