



*Dear Friends,*

July brings freshers to the campus and there is a different energy in the air. Looking at the campus through their eyes brings in a fresh perspective, a renewed vigour and a new song plays in the heart. It was heartening and a validation of our standing in the education sector that saw 100 percent admissions in all our UG and PG programmes with an increase in merit too! That inspires us to further innovate and better our systems.

A well organised Orientation programmes for the first year UG & PG students saw a number of experts from all walks of life visit the campus and share their experiences. The last quarter also saw an increase in our interaction with the industry and academia. An executive BTech programme in Manufacturing Technologies for the employees of Tata Motors was flagged off and the initiative, am sure will be mutually rewarding. We had quite a few renowned Professors from foreign universities visit the campus to deliver short courses and interact with the faculty. Many students successfully completed their summer internships at reputed US Universities and made their mark there.

What made us proud was the successful completion of the Community Services course by the second-semester students in the Summer. 864 students completed the course at 438 different 438 NGOs and Govt Organisations.

We start the new academic year with renewed vigour and hope you will join us in your own way on our journey towards excellence.

*Happy reading*  
Dr. Alka Mahajan

## WE WERE

- **First (1st)** Rank in Gujarat State
- **Ranked 136 by the NIRF for 2018-19.** The National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India is one of the most prestigious ranking scale in India.
- **Eighth (8<sup>th</sup>)** Rank in Top Leading Engineering Colleges of Super Excellence
- **Eighth (8<sup>th</sup>)** Rank in Placements, USP, Social Responsibilities, Networking & Industry Interface
- **Fourth (4<sup>th</sup>)** in top 50 private state universities in the Outlook-ICARE India University Rankings 2019 According to CSR - GHRDC Engineering Colleges Survey 2019
- **Ninth (9<sup>th</sup>)** Rank in Faculty, Research, Consultancy, EDP & Other Programmes

## THE LAURELS THEY BROUGHT HOME

Team Arrow representing Institute of Technology, Nirma University participated in Student Unmanned Aerial System 2019 competition, organized by Association for Unmanned Vehicle System International, USA. The team achieved 35 rank globally amongst 75 international teams across the globe from countries like USA, Canada, Spain, Turkey, Australia, India, etc. The team had developed an Unmanned Aerial vehicle of 12 kg weight which was fully autonomous and able to navigate through given GPS locations. The team consisted of 15 students from different branches namely Mechanical, Instrumentation and Control, Computer and Electrical Engineering. It was a three day event held at Webster Field of Naval Airforce at Maryland, USA.

Prior to this Team Arrow won the '1 position for Overall Performance' and the '1 position for Best Technical Presentation' and received prize money in SAE India Southern Section- the biggest Unmanned Aerial Vehicle competition in the nation during July 19-21, 2019.

Students of Instrumentation and Control department, ITNU won scholarship from International Society of Automation. The details are: Yash Bohra- 2000 USD; Kushal Mehta -1500 USD; Somya Gupta -1500 USD; Niharika Sablok- 1500 USD ;Haard Metha- 1500 USD.

Mr.Naman Khamar, 2 year Civil Engineering student of ITNU received an award from Lions Club, Kadi for his presentation on Community Services

Jeel Vaishnav of Computer Science Engineering, ITNU stood first in the "Algorithms Track" of "Top Coder Open" competition and won INR 30,000/-.

Keshavkant Sharma is selected for Advanced Leadership camp (NCC)and secured Bronze Medal.

Mr. Naman Khamar, Mr. Rohan Desai and Mr. Rushi Desai , Civil Engineering students received an award from Lions Club International, Kadi, for their Community Service work carried out in the month of June, 2019. Mr. Naman received the award on behalf of the others.



Dr. Sudeep Tanwar visited Jan Wyzykowski University in Polkowice, Poland as a visiting Professor from June 24, 2019 - July 08, 2019.

The 2nd International Summit on Sustainable and Renewable Energies was held at Chicago, USA on July 29-30, 2019. Prof. Darshit Upadhyay was invited as a Keynote Speaker to share on his research work. He has also served as a Session Chair in the same conference.

NCC Cadet Mayur Dhulia from Electrical Engineering department secured first position in INSAS Rifle firing competition at Army Attachment Camp, Jamnagar during July 9-23, 2019.

Indian Green Building Council have organized its annual flagship event "Green Building Congress 2019" during September 25-28, 2019 at Hyderabad. Three of B.Tech. Final year students Prutha Patel, Ali Akkadwala and Ujawal Mashruwala attended the conference.

Dr Swati Jain visited SUNY Binghamton University, NY, USA for Faculty Fellowship from June 2, to July 5, 2019.

Prof. Digesh Joshi received the Institute of Engineers India - Young Engineers Award 2019 - 20 in Civil Engineering Discipline. The award was presented during the Inaugural Session of the 35th National Convention of Civil Engineers held at Ahmedabad during September 01-02, 2019.

## INITIATIVE

Department of Computer Science and Engineering has received a Supercomputer 'Param-Shavak' from GUJCOST, for the establishment of Supercomputer facility at the Department. The system will be used by the students and academic researchers for high-end, in-house advanced computing studies and research work.



## GOING PLACES



This year 7 students have completed summer training in universities placed in USA in the field of image classification, 3D mapping, video processing etc. The department is proud to have such students for their interest that took them to the global platform.

## NEW MOUs SIGNED WITH

**INS Valsura, the premier Electrical training establishment of the Indian Navy at Jamnagar, Gujarat** Sept 7, 2019

**Confederation of Indian Industry** was signed on July 24, 2019

**The Secure Meters Ltd. Udaipur** was signed on July 09, 2019

## WE WERE GRACED BY THE PRESENCE OF

**Rear Admiral Ravindra Jayant Nadkarni, AVSM, VSM, Chief of Staff,** Southern Naval Command on Sept 7, 2019

**Dr J N Singh, Chief Secretary,** Government of Gujarat

**Shri Saurabh Patel, Honourable Minister, Energy,** Government of Gujarat

**Shri Hrishikesh Prabhujji** from ISKCON

**Prof. D P. Agrawal, Former Chairman UPSC,** Delhi

**Shri Gurjeet Sing Gill, Director,** Gill Instruments Private Ltd., Bangalore

**Dr Deepak Mishra** (Sr Scientist, SAC ISRO)

**Dr Mamoru Koketsu, Professor,** Gifu University, Japan visited

## EVENTS

Orientation Programme for the students of B Tech First Year from July 20 to 26, 2019

Innovative and Effective Pedagogic practices on July 2 to 3, 2019.

Prospects & Scopes from Thermal Engineering on August 14, 2019

Opportunities of Innovation in Engineering Project/Research on September 23, 2019.

Chemical approach to active compound derivatives on September 27, 2019

## STUDENTS ACTIVITIES

### Praveg 2019

The tech-fest aptly named 'PRAVEG' 19 – Annual Techno-management Fest' was organized with by the Mechanical Engineering Students' Association (MESA) under the aegis of Mechanical Engineering Department, School of Engineering, Institute of Technology, Nirma University on September 18-19, 2019.

The grand event was inaugurated by Shri Acharya Devvrat, Hon. Governorshri of Gujarat and Commodore C Raghuram VSM, Commanding Officer, INS Valsura in the august presence of Dr Karsanbhai Patel, President Nirma University. The inauguration ceremony was also graced by Shri K K Patel, Vice President, Nirma University; Dr Anup Singh, Director General, Nirma University; Dr Alka Mahajan, Director Institute of Technology; Dr R N Patel, Additional Director School of Engineering and Dr Vikas Lakhera, Head Mechanical Engineering Department.



### Inauguration Ceremony of Praveg 2019

(Dr V J Lakhera, Commodore C Raghuram, VSM, Shri K K Patel, Shri Acharya Devvrat, Dr Karsanbhai Patel, Dr Anup Singh, Dr Alka Mahajan)



Address of Commodore C Raghuram, VSM, Commanding officer INS Valsura



Inauguration Address by Shri Acharya Devvrat, Hon. Governorshri of Gujarat

Indian Navy and National Security Guards have set up an exhibition of their weapons and models to explain the technology and working of forces to the young engineers. Many students have visited the exhibition and gained detail understanding about how the defence forces work for the security.



Visit of Exhibition of Indian Navy and NSG by Hon. Governorshri of Gujarat



Indian Naval Band Performance





Talk Show of Mr Gautma Gambhir with RJ Ekta

Total of 1461 students from 104 institutions across the state have participated in around 26 different events.



Ms Helly Shah



Mr Bikram Bumrah



### Talent Hunt Performances

A motivational speaker Mr Raj Shamani, the youngest representative of India at United Nation delivered a talk to the young engineers and motivated them to build a new India.



### Mr Raj Shamani (Motivational Speaker)

OrCES has organized an AutoCAD and Google SketchUp workshop for all the students of the Civil Engineering Department on September 4-8, 2019.

The Chemical Engineering Student's Association celebrated its ChESA day on Sept 17, 2019

The Industrial visit for B Tech – Semester III (EC) students was organized on July 25-26, 2019 at SAC ISRO exhibition center, Ahmedabad.

Prof. (Lt.) Chanakya Bhatt has attended and coordinated Army Attachment Camp with 126 NCC cadets from 6 different NCC Battalions at Jamnagar Military Station with 8 MARATHA LI INFANTRY Battalion (Brave Aanth) from July 9-23, 2019.

Students of first year have visited various NGO such as Samvedana trust, association for blind, Setu charitable trust, Education trust, grampanchayats, Red cross, rotary club, primary school, Zalvadi trust to name few. Students offered their services as per NGO's requirement for 3 weeks during their summer vacation.

B Tech-V students visited GELCO Electronics Pvt. Ltd. as a part of industrial visit on August 5-6, 2019.

I SA Students' Chapter, Institute of Technology, Organised a social event at Apang Manav Mandal on September 07, 2019 with a motive to spend some valuable time with the kids. They organized various games and fun activities for the kids.



## ALUMNI ACTIVITY

Department of Electrical Engineering Alumni Mr. Abhishek Dubey and Mr. Harsh Agrawal - SHOOL product - have won NASSCOM Design4India award under 'Digital Ergonomic Product' Category. NASSCOM design summit is one of the most celebrated design event in India and Design4India awards are a major milestone for design validation.

Mr. Smit Ghelani (2012 passout) an IT Alumnus & Owner of Shree Dhan Laxmi Chemicals and Shree Bhavani Iodates delivered a lecture upon "How to Start a Startup in INDIA? - a way ahead" on Sept 19, 2019

Mr. Jayvirsinh Zala is a 2014 batch pass-out of B.Tech CE, Nirma University is now Deputy Superintendent of Police. He delivered an expert talk on "CivilServices" on Sept 23, 2019.

Mr. Nishit Prajapati, IGBC accredited professional and (Alumni of CED, NU) addressed the students of Semester-VII on August 02, 2019.

Mr. Abhay Gandhi, Ms. Kriti Agrawal, Mr. Prem Shah, Mr. Dakshesh Chaudhary, Mr. Deepak Agrawal, Mr. Tejaswi Nema delivered talks on various topic related with competitive exams and further studies on July 1, 2019.

One of the graduates of BTech in Computer Engineering, Mr Param Popat recently filed a patent with Robert Bosch Engineering and Business Solutions Pvt. Ltd. (RBEI). The patent is based on the Impact of Artificial Intelligence on a wide range of Machine Learning and Deep Learning systems. This patent encompasses the work done by him under the mentorship of experts at RBEI during his internship. Mr Majojkumar Parmar, who is one of the mentors in this work, coincidentally, is the 2003 batch alumni of Nirma Institute of Technology of the Department of Electronics and Communication Engineering and is working as the Sr Innovation Expert at RBEI.

Mr. Jayneel Vora, a graduate from the CSE department has got admission to University of California under the early bird PhD program. He has also received various assistantship and fee remission for his higher studies. He has 14 research papers to his credit in reputed journal and conferences during his graduation program.