



Dear Friends,

The New Year has arrived and let me at the outset wish you a very happy and invigorating 2019. The year of 2018 has been a happening year with the addition in campus infrastructure, increase in the Student strength, introduction of the new courses, induction of competent new faculty, introduction of the new curriculum and a major impetus to our industrial and international relations. We are now looking forward to 2019 to set into motion new impactful initiatives and achieve greater heights.

We thank you for your sustained support and invite you to be a part of our journey in providing quality and ethical engineering education.

May I also take this opportunity to request you to participate in the NIRF survey and share your perception about us; A few minutes of your precious time will help us secure a deserved place in the national rankings.

With an open invitation to visit whenever you are in the vicinity,

Happy reading
Dr. Alka Mahajan

THE LAURELS THEY BROUGHT HOME

India Innovation Challenge Design Contest 2018 (I IDC 2018)

An innovation - NEAT ATV, registered by our students Aditya Rath; BNSV Kaustubh; Dev Shah; Karan Shah was shortlisted as one of the innovations among 26000 students during DST & Texas Instruments India Innovation Challenge Design Contest 2018 (IICDC 2018). The event was anchored by NSRCEL, Indian Institute of Management, Bangalore (IIMB) and supported by MyGov.

GOING PLACES



Prof. Dr P. N. Tekwani of Electrical Engineering was invited by the Ministry of Foreign Affairs (MFA) of Israel to attend the Discover Israel Programme for Young Leaders in Higher Education, Innovation and Start-Up Ecosystem. This was to understand the ecosystem in higher education at Israel and also to develop further linkages with Universities of Israel.



Dr Priyanka Sharma, Professor CSE (Computer Science & Engineering) Department received recognition as a Deep Learning Ambassador by the NVIDIA, an American Company known to be world leaders in GPU Computations and Deep Learning. Dr Sharma was also invited by the Principal Secretary-State Project Directorate, RUSA-Maharashtra to participate and contribute to the design and implementation of Artificial Intelligence and Deep Learning based curriculum for various professional colleges of Maharashtra State.

Dr Himanshu K. Patel of Instrumentation & Control Engineering Department and Faculty advisor of ISA (International Society of Automation) has received a prestigious International Award from ISA. He is awarded the ISA Members' Choice Award - "Section Leader of the Year 2018' on 14th October 2018.

WE WERE GRACED BY THE PRESENCE OF

Dr Bernard Bigot, Director General, ITER France as the Chief Guest during the 26th Convocation of the institute. A MoU was signed between ITER and the Institute of Technology paving the way for exciting collaborative opportunities for the students and faculty. Under the MoU, Ms. Suruthi, student of IC department has started internship at ITER in France.

Dr Harvey Stenger, President, SUNY Binghamton University, USA and Dr Srihari, Dean of the Watson School of Engineering and Applied Science, Binghamton University. A number of new initiatives planned were a positive outcome of the visit.



Shri Manoj Gupta, Sr. Manager FAID-FAC, Mitsubishi Electric India Private Limited, India visited IC department for the revival of the MoU.



To bring global expertise in our classroom we invite internationally acclaimed experts. With this aim Dr Sang WonYoon, Associate Professor, Systems Science and Industrial Engineering Thomas J. Watson School of Engineering and Applied Science, Binghamton University, NY USA, conducted lectures from October 8-12, 2018 on Big Data Analytics.

EXPERTS VISITED

- **Dr M. Ramamoorthy**, Chancellor of K. L. University on “Recent Practices in Power Quality”.
- **Dr Uma Mudenagudi**, Dean, Research and Development, KLETech University Hubballi on “3D reconstruction Algorithms”.
- Deputy Commandant, **Himanshu Badola** from NDRF team on “Disaster Management”.
- **Mr Shahdevsingh Rathi**, Director, MEGA, Ahmedabad on “Future of Civil Engineering”.
- **Miss. Devanshi Shah**, CRM Manager at HDFC Bank, Anand on “Resume Building And Networking to Prepare Better to Overcome Challenges”.
- **Mr. Harshul Shah**, Founder, Cross shore Solution on “Agile Modeling and Methods”.
- **Mr Dipesh Patel**, Co-Founder & Chief Technical Officer, RapidOps, Ahmedabad on “Current Trends in Agile Software Development Tools”.

INSTITUTE ACTIVITIES

- The Institute went for Tier 1 accreditation by the National Board of Accreditation for four of its programmes - Chemical Engineering; Computer Science & Engineering; Electronics & Communication Engineering, and Mechanical Engineering. The NBA expert team visited the Institute from October 26 – 28, 2018.
- Establishment of the Institute Innovation Council under the Ministry of Human Resource Development (MHRD), Govt. of India initiative to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs).
- Customised Training Programme on Big Data Analytics for the scientists and engineers of SAC, ISRO, Ahmadabad; October 24 – 30, 2018.
- Training program on the Testing and Verification of VLSI Design; October 2 – 3, 2018.
- Training programme on Mitsubishi Robot Trainer; December 13 – 14, 2018.
- Two-day Workshop on Technical Paper Writing Clinic for PhD research scholars; October 4 – 5, 2018.



FOUNDATION DAY

It was the day to remember, cherish, recognize and reward. Institute celebrated its 24th Foundation Day on October 3rd, 2018. The illustrious 23 years have seen us contributing to the society by giving effective and ethical engineers and making them cornerstones of nation's development. It was a day to celebrate the contribution of the faculty members and students in institution building.

Nineteen B. Tech. students were felicitated by Gold/Silver/Bronze medals. Twenty-seven faculty members, a staff member and thirty-one students were also felicitated on this occasion for their achievements.

ALUMNI

Alumni are our ambassadors and they are living the dreams we have envisaged for them. Following alumni members were felicitated during the foundation day:

Mr Sanket Gohil, Country Manager – India, Microdyn Nadir Singapore Pte Ltd; Mr Bhagirath Joshi, Sr. Manager Design, STUP Consultant P. Ltd, Ahmedabad. Mr Abhishek Desai, Co-Founder, DigiCorp, Ahmedabad, Founder, CricHeroes, Ahmedabad, Director, Start-ups committee of GESIA IT Association; Mr Heer Gandhi, Director and Co-Founder, Dazzle Robotics Pvt Ltd; Mr Akshay Raj, IPS, Deputy Commissioner of Police (Traffic), Ahmedabad; Mr Ujjaval Modi, Senior Executive Engineer, Instrumentation and Controls (ENEI), Linde Engineering India Pvt. Ltd., Vadodara; Mr Tushar Thakker, Co-Founder & CEO, Param Labs Private Limited, Ahmedabad; Ms Krithika Balasubramanian, Associate Manager, Accenture NV/SA, Belgium; Mr Prahar Anjaria, Founder and Chairman – PRATHAM Educare (RANGOLI Pre Schools), Founder and Chairman – RANGOLI International School(s), Co - Founder and Director – Pagarav Hospital & ICU.

RESEARCH PROJECTS

Identification of Road Material and Distress for Major Roads of Gujarat Using L and S-Band Airborne SAR (NISAR) from SAC-ISRO. Principal Investigator: Prof. H. A. Dalwadi and Dr P. R. Patel.

Proactive Solutions for Achieving Trust in Cloud computing using Machine Learning funded by the Department of Science and Technology. Dr. Madhuri Bhavsarand, Dr. Ashish Shah, Prof. Vivek Prasad and Prof. Vipul Chudasama.

NEW MOU'S SIGNED WITH

- The ITER International Fusion Energy Organization (ITER), France
- Mitsubishi Electric Pvt. Ltd. for SCADA Hardware and software

ALUMNI CORNER

Mr. Manoj Parmar, Sr. Innovation Technologist, BOSCH, delivered a talk on “Future Career Path in Core EC Industry”.

Bhavesh Pethani, Rashika Kapil, and Rahul Upadhyay from Civil Department selected as Class - I - Gujarat Engineering Service under GPSC.

STUDENTS ACTIVITIES

The Mechanical Engineering Student’s Association (MESA), organized “PRAVEG”, a Techno-Management Cultural Symposium on November 1-2, 2018. This year, Indian Coast Guard and Border Security Force held an exhibition of their weapons and technology so as to aid the understanding of their role in the safety of the nation.

The inaugural function of the event was graced by the Hon’ble Railway Minister of India Shri Piyush Goyal, Minister of Home, Gujarat, Shri Pradipsinh Jadeja, IG Ftr HQ BSF Gujarat Shri G S Malik, President of Nirma University, Dr Karsanbhai Patel, Mayor of Ahmedabad City Smt Bijalben Patel, MD, Nirma Ltd, and Shri Hirenbbhai Patel, Vice President, Nirma University.

A talk show with Hon’ble Chief Minister of Gujarat Shri Vijay Rupani hosted by the popular Gujarati Movie actor and Radio Jockey Dhwanit Thaker was a major success. The talk was replete with personal and political insights and stories of Shri Rupani’s journey leaving the audience in rapt attention.



Ketan Tewari from B Tech Mechanical Engineering completed his summer 2017 research internship and also SEM VIII major project during January 2018 to May 2018 from Florida Atlantic University (FAU), USA under the MoU with FAU. His research work encompassing his work is published in <https://www.nature.com/articles/s41598-018-29605-1>

Organization of Civil Engineering Students in association with the Center for Environment Education organized E-Waste Collection Drive. The collected E-Waste was sent for recycling.

Jayneel Vora presented a paper titled "BHEEM: A Blockchain-based Framework for Securing Electronic Health Records", at International conference GLOBECOM-2018 during December 09-13, 2018 at Abu Dhabi, UAE.

Shriya Kaneriya presented a paper titled "When Average Weather Matters: Data-driven Load Forecasting Solution Available for Smart Grid Systems" at International conference GLOBECOM-2018 during December 09-13, 2018 at Abu Dhabi, UAE.

ECO Day' the annual event of Electronics and Communication Student Organization 'was organized on October 15, 2018.

Scintilla-2018 the annual event of Electrical Engineering Student Association (EESA) was organized. Various workshops, activities and initiatives were conducted.

Civil Engineering Dept. organized a programme on Disaster Management which included various activities related to Disaster Management.

CSI Students, branch, conducted a hands-on session on methods of "Web Scraping" in which students were introduced to various tools like requests and BeautifulSoup in Python language.

Association of MCA Students (AMS) conducted events namely Nutstacker, Bol Bolly Bol, Volleyball on foundation day.

ANNUAL SPORTS MEET 2018, ORGANIZED BY STUDENT WELFARE BOARD, NIRMA UNIVERSITY

It was awards galore for the institute during the university level annual sports meet. Aspiring engineers with robust strides and resilience won many awards and trophies. We were winner in Volley ball (Male); winner in Volley ball (Female); winner in Basket - ball (Male); winner in Kho-Kho (Male); winner in Kabaddi (Male); runner up in Tug of war (Male); runner up in Cricket (Male); and runner up in Football (Male);

We brought the Overall Championship Trophy home!

