



Shri O. P. Kohli
Hon'ble Governor Shri, Gujarat State
attending SHAHEED DIWAS at Nirma University

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Rankings and MoUs



Innovative Initiatives



Student's Festival –
Kalp



23rd Convocation



National Conferences
and Workshops



CoA NIASA Event

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Message from the Director General's Desk

Dear Reader,

Teaching and research are two wings of a university. We cannot ignore either. In fact, both of them complement and supplement each other. An effective teacher always includes new facts and theories in his teaching, while a passionate researcher embeds his research insights in his teaching. Universities, however, differ on balancing the ratio between teaching and research. A research-oriented university expects its faculty to devote at least fifty per cent of their time on research activities. On the other hand, a teaching-oriented university envisages its faculty to spend around twenty to twenty-five per cent of their time on research work.

Research creates new knowledge and helps the society raise the standards of wealth and well-being of people. The human race has immensely benefitted from research and innovation in the last three centuries. Interestingly, the intensity of research, development, and innovation efforts is on increase and the coming decades will witness a vibrant and dynamic knowledge society. India, in spite of having the third largest higher educational system in the world, has not satisfactorily performed on the research front and her universities have to reinforce their research and innovation activities. They have to support research at all levels – undergraduate, graduate, doctoral and faculty.

Relevance, rigour and integrity are sine qua non for effective research. Relevant research is good research. On the contrary, irrelevant research is bad research. Therefore, the issue of relevance has to be the get-go point of any piece of research. Then research questions must be examined, using rigorous methods. Last but not the least, a researcher is expected to demonstrate the highest standards of integrity in data collection, analysis and reporting.

At times some researchers are tempted to compromise their integrity to show the validity of their work, publish in well recognised journals and to gain fame. It is unfortunate that a large number of predatory journals have emerged in India. These journals publish papers without any scrutiny and only on the basis of payment received from the contributors. The articles published in such journals are often plagiarised, their data are cooked and statistical rigour is hardly observed.

Faculty publishing in predatory journals cannot develop high quality students who are critical and reflective thinkers. Consequently, students do not develop competencies required to be successful in the global world.

At Nirma University, we are determined to conduct meaningful and high quality research with full integrity. We believe that we can change the society for better through good research and relevant innovation. Although we are still a very young university with meagre resources, we marshal our efforts to contribute to scholarship and to make India a truly knowledge society.

I urge my faculty and students to dedicate themselves to cutting edge disciplinary as well as interdisciplinary research, patent development and knowledge application and be active partners in the growth and development of not only Indian society but also the humanity as the whole.

Anup K Singh, Ph.D.

Director General

News at a Glance

Rankings

Nirma University has been ranked No. 1 private university among all Gujarat Universities by NIRF, MHRD, Govt. of Gujarat. During the first quarter of the year, the constituent institutes of the University have been ranked as listed underneath:

IT-NU

- Ranked 79th at the national level and 5th in Gujarat by the National Institute Ranking Framework (NIRF), MHRD, Govt. of India in 2017.

IM-NU

- Ranked 6th in the A1 Category by Business Standard June, 2017 issue.
- Ranked 9th best private B-School and 31st best B-School overall by National Institute of Ranking Framework (NIRF) released by the Ministry of HRD, Government of India April, 2017.

IL-NU

- Ranked 3rd in Career 360 Young Law School Ranking, January 2017.

IP-NU

- Ranked 16th at the national level and 1st in Gujarat by the National Institute Ranking Framework (NIRF), MHRD, Govt. of India.

Awards

IL-NU library won the Best Library award amongst all the libraries under the University. Ms. Kshama Parikh received the award from the Director General, Nirma University on March 18, 2017.



MoUs Signed

- IT-NU signed an MoU with J. K. Lakshmi Cement Ltd. to recognize the need for cooperation in information sharing / training opportunities for both JKLCCL-KGU & NU.
- IT-NU signed an MoU with Mitsubishi Electrical India Pvt. Ltd. The contract is renewed for another three years with effect from February, 2017.



Prof. Amit Sheth joined Nirma University on January 4, 2017 to help form the new Department of Design. Prior to Nirma University he was Adjunct Professor of Design at IIT Gandhinagar, as well as running his own industrial design and engineering consultancy named Mind's Eye Design Pvt. Ltd. which he started in 1988.

He has 30 years of industry experience as well as has been a very active design teacher for over 20 years at design and management institutes such as NID, MICA, IIM-K, NIFT, Srishti, MIT (Pune), CEPT University & IIT Gandhinagar as a Visiting Faculty and Jury Member. We wish him best of luck and all the success that he deserves.

New Appointments



Prof. Mallikarjun Professor, IM-NU has been appointed as the Director of IM-NU. He has more than 2 decades of experience in teaching and research. His current research interests include issues related to Financial Markets, Applied Econometrics and Regional Economics. He has received the Manas Chatterji Award twice, for Excellence in Research in Regional Science. He was a Research Professor at Hanyang University, Seoul, Korea. He is a life member of Indian Economic Association and Vice president of Regional Science Association. Wishing you best of luck.



Prof. Deepak Danak Professor, IM-NU has been appointed as Dean, Faculty of Commerce. He has been in academics for more than three decades. Before joining the Institute in 2002, he had held various positions in different universities. He has conducted several Management Development Programmes, including In-house MDPs for Zydus Cadila, Gujarat Mineral Development Corporation, Nirma Limited, IPCL, Mundra Port & SEZ, Intas Pharma, Indian Air Force, and GSFC. He was awarded UGC Fellowship for M. Phil. and Ph. D. Studies. He was also awarded the CRMS Fellowship by IIM (A) for undergoing its Faculty Development Programme. His current research interests are capital markets and value creation. We wish him all the best.

Innovative Initiatives

International Management Program for an Accelerated Collaborative Traction (IMPACT)

Nirma IMPACT program was launched by the Director General on August 9, 2017. It is observed that with advancement in communication technologies, affordable travel and changing mindset of people around the world, the globalization has been increasing at all levels in last decade. It is an opportunity for the universities to leverage on this and work for the mutual benefits through strategic partnerships with academic institutes. In addition, the collaboration with multi-national companies would also help in practical research, employment and social engagement.

The IMPACT program would focus on planning and executing the global collaborations for the enhancement of the quality of education adopting the dynamics of 21st century education to our students. The program would endeavor to strengthen, promote and develop international tie ups beyond exchange programs & research cooperation between the institutions and industry on the basis of equality and mutual benefit.

The steering committee including the top management of the university and heads of the institutes and an advising consultant is formed to guide and steer the program in the right direction. A senior faculty member is delegated the responsibility as the IMPACT program leader who will work with the team involving one faculty member from the each institute as the single point of contact (SPoC). The salient features of the program includes;

- Fostering expertise and academic links and cooperation at international level.
- Development of interdisciplinary sustainable international academic tie ups
- Connecting the existing dots for enhancing the International institutions tie ups
- Development of industry oriented sustainable international tie up
- Strengthen the industry bonds for training, innovation, research and beyond.

The phase I will focus on academic institutes while the phase II on industries.

Collaborative Initiative

As a part of IC-IMPACTS research project (A collaborative initiative between Civil Engineering Department, IT-NU and University of Victoria, Canada), students of M. Tech. (CASAD) Semester - IV constructed a stretch of rural pavement of size 2.5m × 16m, using Alkali Activated Concrete Paver Blocks at Jaspur village, Dist. Gandhinagar, located at around 6 kms away from Nirma University campus during April 26, 2017 to April 29, 2017.

Dynamic Test

Civil Engineering Department, IT-NU conducted a Dynamic Test on Gopuram Structure, a central important structure, of upcoming Nalanda University, Rajgir-Bihar. Gopuram is a massive, medium height structure with Reinforced Concrete wall cladded with Compressed Stabilized Earth Block prepared out of local soil from Kamalsagar, a lake of the campus. Prof. Sharad Purohit and Prof. Paresh Patel had derived a 1/4th scale model of the Gopuram which was then erected on unique Shock Table Facility. Structure was instrumented with Uniaxial & Triaxial Accelerometers which are connected to computer system and was tested under series of shocks applied through pendulum. The test was witnessed by Dr. Alka Mahajan, Faculty Members, PG students and Professionals.



Stretch of Pavement using Paver Blocks of Alkali Activated Concrete at Jaspur Village, Dist. Gandhinagar



Dynamic Testing of Gopuram Structure through Shock Table Facility

Courses on Foreign Legal System

As part of institute elective courses, the institute conducted two elective courses on Foreign Legal System – Course on European Legal System and Course on Chinese Legal System. Prof. Peter Shaefer from HoF University, Germany taught the students the course on European Legal System and Prof. Dunja Stadtmann from HoF University taught the course on Chinese Legal System.

In order to make students aware of climatic concerns in their design and to conduct experiments, a climatology lab with modern equipments has been established at IA&P-NU. A sun emulator heliodon is set up as an interactive teaching learning tool for testing and comparing alternative climate responsive architectural design.

The centre for photography is being set up at the IA&P-NU under the leadership of Prof. Dalwadi and Prof. Nikam. It will encourage photography as a tool for documentation and design at the University.



Climatology Lab

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Dignitaries on the Campus



Dr. P. B. Ravikumar, Professor Emeritus of University of Wisconsin-Platteville, USA visited the Mechanical Engineering Department, IT-NU on March 01, 2017 and interacted with faculty members of the department.



Mr. Keizo Shimada, Technical Head, Hitachi-HiRel Power Electronics (Pvt.) Ltd. Gandhinagar, visited IT-NU on January 20, 2017 as chief guest of SCINTILLA-2017 and delivered a keynote address on 'Grid Stabilization Issues with Renewable Power' on January 20, 2017.

Extramural Lecture by Shri Dr. Subhash Chandra

Shri Dr. Subhash Chandra, Chairman of Essel Group and a Rajya Sabha Member of the Parliament visited Nirma University on May 20, 2017 for extramural lecture organised by IT-NU. Dr. Chandra features in immensely popular TV series known as DSC Shows. Popularly known as the 'Medial Moughal' of India, Sir talked on "Magic of Belief" and "Being Your Own Coach".



Padmashri B. V. Doshi, a renowned architect, inaugurated the CoA NIASA event hosted by IA&P-NU on August 11, 2017



Prof. Helen Lochhead, Dean of the Built Environment at the University of New South Wales (UNSW), Australia, April 21, 2017

Guests on the Campus



Dr. Shilin Shukla, Professor Emeritus & Former Director, Gujarat Cancer Research Institute (GCRI), Ahmedabad visited IP-NU on January 24, 2017



Dr. Harish Padh, Former Vice Chancellor, Sardar Patel University, Vallabh Vidyanagar visited IP-NU on January 24, 2017



Prof. B. Suresh, Vice-Chancellor, JSS University, Mysore and President, Pharmacy Council of India visited IP-NU on February 3, 2017 and delivered public lecture on "Lies and Liars".



Dr. Parag Kulkarni, CEO, Iknowlation Research Labs visited IP-NU on February 28, 2017 and delivered public lecture on "Empowering Business through Knowledge Innovation Strategy".



Ar. Ranjit Dhar presented a lecture on 'Design Excellence in Design - Build Competitions' in January, 2017.



As a part of students' festival – KALP Ar. Divya Kush, President of IIA (Indian Institute of Architects) delivered a lecture on 'Orientation of Architectural Education for 21st Century'. In addition to that Ar. Alok Ranjan, Council member CoA and IIA, presented a lecture on 'Role of Professional Bodies in Architectural Education', Ar. Kiran Joshi, Professor, Chandigarh College of Architecture, presented a lecture on 'Line Shape Colour Theory of Le Corbusier' and Ar. S K Das presented a lecture on 'Exploration of Contemporary Housing'

Expert Lectures

Expert	Topic	Institute	Date
Dr. P. Y. Guru, Ex General Manager, Animal Research Facility, Zydus Research Centre, Ahmedabad	Life From Start and Beyond: Some Facts, Living Forms and Technologies which are Hard to Imagine	IP-NU	January 1, 2017
Prof. Dinesh Patel Professor, HOF University, Germany	Intercultural Management	IL-NU	January 2, 2017
Dr. Shamik Bhattacharya, Assistant Professor, Mechanical Engineering, St.Mary's University, San Antonio,Texas	Research Trends in Biomechanics, Biofluid Mechanics and Medical Devices	IT-NU	January 6, 2017
Mr. Rohit Vora Polymers & Nanomaterials Technology Research Scientist Advanced Polymers Research & Technologies, NJ, USA	An Overview on Advanced Polymeric Materials R&D: Designing of Molecular Architecture, Synthesis, Development and Properties	IT-NU	January 10, 2017
Mr. Vipul Netsquar, Mumbai	Opportunities and Growth In IT Industry	IT-NU	January 11, 2017
Mr. Murali Neelakantan Global General Counsel, Cipla Mumbai	Interplay between Competition Law and Intellectual Property Rights in the Indian Healthcare Sector	IL-NU	January 16, 2017
Dr. Nibedita Naha Scientist 'C', National Institute of Occupational Health, Ahmedabad	Sexually Transmitted Diseases: Causes and Prevention	IP-NU	January 17, 2017
Prof. (Dr.) Poonam Saxena Vice Chancellor, NLU, Jodhpur	Inheritance under Hindu and Muslim Law	IL-NU	January 20, 2017
Mr. Rajesh Kapoor Managing Trustee, Cohesion Foundation Trust	Gender Dimensions of the Organisational Activities, Networking at State and National Level on the Issues of Land & Agriculture	IL-NU	January 21, 2017
Prof. Santosh Kar Professor, School of Biotechnology, KIIT University, Bhubaneswar, Odissa	Formulation to Improve the Quality of Life of Cancer Patients	IP-NU	January 24, 2017
Dr. Narshimha P. Argade Senior Principal Scientist and Professor, Division of Organic Chemistry, NCL (CSIR), Pune	Science of Synthesis and Medicines	IP-NU	January 24, 2017
Dr. Ajay Khopade Vice President-R&D, Formulation development (Non-Orals), Sun Pharma Advanced Research Co. Ltd, Vadodara	A Novel Platform Nanotechnology for Anticancer Drug Delivery	IP-NU	January 25, 2017
Dr. Manoj Kumar Bhat Scientist G, National Centre for Cell Science (NCCS), Pune	Cancer Chemotherapy: Involvement of Membrane Cholesterol	IP-NU	January 25, 2017
Dr. R. Srinivasan Chief Scientist & Head, Mass & Analytical Division, Indian Institute of Chemical Technology (IICTH), Dean, NIPER, Hyderabad	Characterization of Drug Metabolites and Degradation Products using LC-ESI-MS/MS	IP-NU	January 25, 2017
Dr. Bhaswat Chakraborty Senior Vice-President & Chair, Cadila Pharma. Ltd, Ahmedabad	Challenges in Phase III Clinical Trials	IP-NU	January 25, 2017

Shri A. B. Gor IAS Chief Executive Authority, AUDA	Town Planning and Urban Development Act: AUDA's Experiences	IL-NU	February 2, 2017
Mr. Ashwin Parik Director International Buisness Development	Corrosion and It's Prevention in Process Industries	IT-NU	February 3, 2017
Dr. Ilias Trispiotis, School of Law, University of Leeds	Religious Pluralism in the European Public Sphere: Fraternity, Civility and the Wearing of Religious Symbols in Public	IL-NU	February 8, 2017
Philip J. McConaughay Dean and Professor, School of Transnational Law, Peking University, China	China's Impact on the Western Legal Tradition: A Preview From the Pearl River Delta	IL-NU	February 9, 2017
Mr. Rajesh Shah, Director, Kalp Tools & Industrial solutions LLP	Advances in Cutting Tools	IT-NU	February 13, 2017
Dr. Asim Banerjee Associate Professor, DA-IICT	Doing Research	IT-NU	February 13, 2017
Harish Jakhmola, General Manager, Kalpataru Power and Transmission Ltd, Gandhinagar (Alumni)	Slip Form Work Techniques	IT-NU	February 17, 2017
Mr Hariom Gandhi Zonal Officer, Narcotics Control Bureau, Govt of India	Healthy Campus Campaigning	IT-NU	February 17, 2017
Mr. Rupal Shah, Structural Consultant, Ahmedabad	Design of Industrial Steel Structures	IT-NU	February 18, 2017
Dr. Shailendra Singh, Sr. Scientist, SAC, ISRO	Micrstrip Lines for RF Circuit Design	IT-NU	February 18, 2017
Hon'ble Mr. Justice Mohan Pieris Former Chief Justice and Attorney General of Sri Lanka	Sharing Experiences of Srilankan Judiciary	IL-NU	February 18, 2017
Prof. A. S. Rande, Professor, Ahmedabad University	Music through Scilab	IT-NU	February 20, 2017
Mr. Nirav Sheth, Automobile Maintenance Expert, Ahmedabad	Maintenance Strategies	IT-NU	February 23, 2017
Mr. Viral Mehta, Business Development Manager, Godrej & Boyce Mfg. Co. Ltd., Ahmedabad	Green Building Training Session	IT-NU	February 23, 2017
Dr. S. Ganesh General Manager, R&D, Formulation Development, Sun Pharma Advanced Research Centre, Vadodara	Dry Powder Inhaler Development – Combitide Starhaler® Experience	IP-NU	February 27, 2017
Mr. Nishant Shukla, AIMIL Ltd.	Advances in Non-Destructive Testing Techniques And Case Studies	IT-NU	February 28, 2017
Shri Upendra Patel, Founder, Glidemtech Ltd.	Technologies for Internet of Things (Iot)	IT-NU	February 28, 2017
Mr. Malik Kumar Meena, Manager - Business Development, Sickle Innovations Private Limited	Current Project Scopes for Students	IT-NU	February 28, 2017
Dr. Anupama Ramkumar Director, Arkus Clinical Trial Support Solutions, Ahmedabad	Lifestyle Modifications in Various Disorders and Pharmacovigilance - Closing the Loop	IP-NU	February 28, 2017, April 21, 2017

Dr. Sunil G. Naik Dean, School of Chemical Sciences & Pharmacy and Head, Department of Chemistry, Central University of Rajasthan	The Structure and Function of the Metalloenzymes	IP-NU	February 28, 2017
Dr. P. B. Ravikumar, Professor Emeritus of University of Wisconsin-Platteville,USA	Research Trends in Mechanical Engineering	IT-NU	March 1, 2017
Mr. Keyur Sampat, Joint Director, Sardar Patel Institute of Public Administration, Ahmedabad	Infrastructure Planning Process - Case of Dholera SIR	IT-NU	March 3, 2017
Mr. Pawan Nigam Hilti Ltd., Ahmedabad	Use of Hilti Products in Rehabilitation of Structures and Case Studies	IT-NU	March 6, 2017
Mr. Amar Patel Managing Partner, Buttercup Ahmedabad	Career Counselling for Higher Education	IT-NU	March 07, 2017
Prof. Kalyan Singh Professor and Principal, Pharmaceutics, Jadavpur University, Kolkata	Avenues of Research	IP-NU	March 7, 2017
Dr. Jyoti Paliwal Consultant, Vashudhara Care Foundation, Ahmedabad	Biopharmaceutics and its Applications in Pharmaceutical Research	IP-NU	March 8, 2017
Dr. Alex George PTC, Cadila Healthcare Ltd., Ahmedabad	Long Acting Injections – the Need and Formulation Strategies	IP-NU	March 8, 2017
Prof. M.R. Yadav Retired Professor and Head, Faculty of Pharmacy, M.S. University, Baroda	Steroids, their Nomenclature, Stereochemistry and Classification	IP-NU	March 9, 2017
Dr. Gaurang B. Shah Professor, Ahmedabad University, Ahmedabad	Clinical Pharmacokinetics	IP-NU	March 9, 2017
Mr. Himanshu Sagar, Chief Engineer, Mott Macdonald, Ahmedabad	Importance of Process Simulations in Chemical Process Design	IT-NU	March 15, 2017
Dr. Swagatam Das Assistant Professor, Indian Statistical Institute, Kolkata	Quantitative Methods and Statistical Data Analysis	IT-NU	March 15, 2017
Mr. Himanshu Sagar, Chief Engineer, Mott Macdonald, Ahmedabad	Use of A Process Simulator in Process Designing	IT-NU	March 16, 2017
Dr. Swagatam Das Assistant Professor, Indian Statistical Institute, Kolkata	Supervised Learning : Foundation and Perspective	IT-NU	March 16, 2017
Mr. Anil Kumar Naswa Vice President- Legal at Gujarat International Finance Tec-City	Intricacies of Marine Insurance	IL-NU	March 18, 2017
Niels B. Schaumann Konganda Chinthana Vice President- Legal at Gujarat International Finance Tec-City	Studying in the U.S. - California Western School of Law	IL-NU	March 21, 2017

Prof. M. B. Shah Head, Dept. of Pharmacognosy, L. M. College of Pharmacy, Ahmedabad	Emerging Trends in Herbal Drug Technology	IP-NU	March 23, 2017
Mr. Keyur Shah BASF Ltd., Ahmedabad	Advances in Repair Materials	IT-NU	March 27, 2017
Dr. Ravi N Banavar Deputed at IIT-Gandhinagar from IIT-Bombay	Control and Automation	IT-NU	April 5, 2017
Mr. Rumi Parikh Vihan Technologies Ltd., Ahmedabad	Structural Repair, Strengthening and Retrofitting Techniques and Case Studies	IT-NU	April 12, 2017
Mr. Bhavin Dabhi Partner, Universal Designovation labs, Rajkot	Product Design and Entrepreneurship	IT-NU	April 13, 2017
Dr. Mayavanshi, Retired Prof. (MSU, Vadodara)	Introduction to Gas Dynamics	IT-NU	April 18, 2017
Dr. Svetlana Brzev Professor, British Columbia Institute of Technology, Canada and visiting faculty member, IIT Gandhinagar	Earthquake Resistant Masonry Shear Wall: Key Concept and Research Studies	IT-NU	April 19, 2017
Mr. Ashutosh Shukla Managing Director Aerotherm Products Ltd., Ahmedabad	Heat Exchanger Design	IT-NU	April 19, 2017
Mr. Dilip Sardar Director, Synergy Agrotech Pvt. Ltd Ahmedabad	Thermal Insulation for Cold Applications	IT-NU	April 21, 2017
Dr. Kunal D. Kansara Principal Engineer (Assessment 7 Design), XEIAD, UK	Structural Assessment of Bridges	IT-NU	April 25, 2017
Ms. Mitul Chatterjee Director, Regulatory Affairs, Amneal Pharmaceuticals, Ahmedabad	ANDA Submission - How to Comply with Agency's RTR Standards	IP-NU	April 25, 2017
Prof. Prakash Nanthgopalan Department of Civil Engineering, IIT Bombay	Sustainable Development from Efficient Utilization of Resource	IT-NU	April 29, 2017
Dr. Anant Parghi Department of Applied Mechanics, SVNIT Surat	Application of Advanced Composites for Seismic Strengthening of Structures	IT-NU	April 29, 2017



Events



Nirma University celebrated SHAHEED DIWAS on March 23, 2017 in the august presence of Shri O. P. Kohli, Hon. Governor, Gujarat State; Dr. Karsanbhai Patel, President, Nirma University; Air Marshal Shri R. K. Dhir, Air Officer Commanding-in-Chief, SWAC; Shri Ajay Tomar, IG, BSF, Gujarat FTR; Shri Rakesh Pal, IG, Coast Guard, NW Region. The event was organised by the students of Mechanical Branch - IT-NU with great vigour and energy in remembrance of our brave martyrs who laid their life for the independence of our nation.

Twenty-Third Convocation

The 23rd Convocation of Nirma University was held on April 20, 2017 on the campus. Prof. Ved Prakash, Former Chairman of the University Grants Commission, New Delhi, graced the occasion as the Chief Guest and also presented Scholastic Medals to 12 graduating students. The degrees were conferred to the students of Institute of Management and Institute of Law, along with the Ph. D. students of the University. Dr. Anup Singh, Director General presented the concluding address at the convocation.



23rd Convocation at Nirma University

Anvesh

The 13th Doctoral Research Conference in Management, Anvesh, was organised by IM-NU during April 7-8, 2017. Prof. Y. K. Alagh, Chancellor, Central University of Gujarat graced the conference as the Chief Guest. The Conference witnessed expert session on philosophy of research and research design, and research clinics were also organised as a part of the conference. The conference witnessed 92 abstracts, 68 full papers and 48 presentations across the areas of economics & finance, marketing management, human resource management & organizational behaviour and operations management. Of the full papers received, 31 papers were published in two books. At the end of two days' conference, 5 papers were awarded the three best paper prizes.



Prof. Y. K. Alagh, Chancellor, CUG at the Inauguration of Anvesh 2017

NIRMAQUEST 2017

National level quiz competition 'NirmaQuest' was organized for students of pharmacy as well as non-pharmacy streams on February 15, 2017 where Dr. Bhaswat Chakraborty, Senior Vice President & Chair, Research & Development Core Committee, Cadila Pharmaceuticals Ltd, Ahmedabad was the Chief Guest.



Orientation - MBA FB & E Programme

IM-NU welcomed its new batch of students of the MBA (Family Business and Entrepreneurship) Programme on June 29, 2017. Dr. Anup Singh, Director General, Nirma University delivered the inaugural address. The induction programme continued till July 1, 2017.



Faculty Retreat

A Faculty Retreat was organized at IM-NU on June 13 and 14, 2017 to discuss various issues concerning the Institute.



A Session during the Faculty Retreat

The National Science Day

The National Science Day is celebrated every year to widely spread a message about the importance of science in daily life. Dr. Sonal Bakshi from IS-NU and Dr. Mehul Naik from IT-NU coordinated the event on February 28, 2017 under the national theme of Science and Technology for Specially Abled Persons. Eminent scientists like Prof. P.C. Kasavan and Dr. Madhu Singh gave expert lectures.



Vichar Vinimay

'Vichar Vinimay' is a unique forum for faculty members to assemble together on Thursday afternoons and speculate upon numerous research ideas and studies that are presented. This opportunity is limited not only to faculty members but is open to doctoral students, researchers, practitioners and faculty members from other premium institutes and universities. It involves the presentation of research ideas not only from published research papers but also the proposal or open defence of doctoral research. Such a presentation is usually followed by enthusiastic interactions and an exchange of ideas to generate new pragmatic trends in research.

The informal events included workshops, exhibitions, marathon, quiz, talent hunt and a SPIC MACAY cultural event.

Inauguration & Induction of MBA FT 2017-2019 Batch

On June 20, 2017, IM-NU welcomed its 22nd batch of MBA full time course for the academic year 2017-2019. Dr. Anup Singh, Director General of Nirma University, presided over the inauguration as the Chief Guest of the ceremony. In his interesting address to the future managers sharing his experiences and some helpful tips and success mantras to succeed as students in the Programme. A week long induction followed the inauguration of the Programme.



MBA Full-Time Inauguration

Photography Exhibition

A photography exhibition was organized by IA&P-NU on 4th May, 2017 displaying students' works on different themes that were captured during the Photography course sessions conducted by eminent photographers Prof. Dalwadi and Prof. Nikam. It was inaugurated by Padma Shri Ar. B. V. Doshi. The first prize was bagged by B.Arch. students Vidhi Thakkar, Bhavya Patel and Hatim Buildingwala, and the second prize by B..Plan. students Prakhar Rathi, Gautamee Baviskar and Bhagyashree Yadav.



KALP

The annual technical and cultural festival with the theme 'Vision Beyond Imagination' was organized in the institute from February 20-24, 2017. The event is an amalgamation of applied learning through relevant co-curricular and extracurricular activities.



Inauguration of the MBA FB & E Programme



Prof. (Dr) Alka Mahajan has done her graduation in Electronics and Electrical Engineering from A.U College of Engineering, Waltair in 1983 and her post graduation leading to M Tech in Electronics Design Technology from CEDTI, Aurangabad. She subsequently did her PhD from the Delhi College of Engineering, Delhi University in the field of Electronics and Communication Engineering in the broad area of Soft Computing applied to Power Electronics applications. Dr Mahajan has over 29 years of teaching and administrative experience and has guided a number of undergraduate and postgraduate projects, with a number of publications in national and international journals and conferences to her credit. Dr Mahajan was a Member of the Standing Committee on the scheme of 'Development of Women's Studies in Indian Universities and Colleges and Capacity Building of Women Managers', constituted by the MHRD, New Delhi. She has been involved in developing and implementing innovative and meaningful programs that help student and faculty perform better in their chosen profession.

Changing Role of a Teacher

Dr. Alka Mahajan, Director, Institute of Technology

Traditionally we are in a system where responsibility and accountability is perceived to be one sided. So, when it comes to teaching or learning, a child is brought up to accept it as a passive process where the role of the teacher is supreme. We have, as a system failed to create an interactive teaching –learning environment. Right from the kindergarten class, a child is taught to keep quiet and listen, the inquisitive spirit broken, the urge to innovate curbed over the growing years, be it at home or school or college. So when today we find ourselves at a disadvantage, we need to relook at our notions of teaching and the role of a teacher. The change as changes go, though essential, is not easy to bring about. A change in mind set is the most difficult and slow to bring about but do it we must.

What has changed?

Early education, guidance, career decisions was easily the responsibility of parents and elders in the family. We have as a culture believed in handing down knowledge passed on by generations or in the least have drawn on that knowledge to guide or take decisions. That knowledge repertoire which came from more stable times is no longer relevant when decisions are today based on multidimensional fast changing scenarios. A parent today no longer feels competent or confident of taking a decision, more so when the child is better informed. A parent today is happier to pass on that responsibility to the teacher and there is an increasing dependence on the institutions of formal education.

Secondly Universities and institutes of higher learning must wake up to the fact that they are no longer the sole custodians of knowledge warehouses. There is a whole new world out there which is better equipped to keep up with the change. They need to accept that their role is changing from providers to facilitators. Not only must universities (and teachers) keep updating their knowledge base but must also take on the new role of teaching the young how to screen and make good use of the vast knowledge base out there. Institutes and Universities need to be more forward looking and flexible in their approach. Unfortunately these are today mostly viewed as degree awarding bodies, complacent about the systems set up, unwilling to let go, something to put up with and not a place where one can be enlightened and free to pursue their interest. Educators and education managers are yet to come to terms with the changing world and hardly take advantage of the global exposure.

The good thing is students today learn differently; they are gradually owning up responsibility for their own learning and are becoming adept at finding the means to do it. Obviously the internet with knowledge at fingertips has made it easy. Learning has evolved but has teaching changed? Teachers and educators have been slow to adapt. Earlier the reason for absenteeism was either having slept in late or having found another interest but today the most common reason is - where is the need to come to class when there are better YouTube lectures and learning can be at one's own pace and interest? And how have we dealt with the change? By making attendance mandatory rather than making a classroom interesting! I do agree that in the larger interest having an attendance norm is necessary but we also owe it to the learner to make it worthwhile to attend class.

So, the third major factor to bring in the reform in education delivery is the competence and role of the teacher in the changing scenario. What kind of competencies are we talking about? And why does the role have to change?

A 'Working Paper' based on the reports submitted by UNESCO's member States identified the desired changes in the role of the teacher after due deliberation. What follows is my take on the findings.

A teacher needs to accept more responsibility for the organization of the content of learning and teaching. The responsibility cannot be just limited to delivering packages of information efficiently. He needs to organize the content in such a way that the student relates to new data with his past experiences, integrate it with his intelligence and develop skill and understanding of the content being taught.

A teacher has always been viewed as a possessor of fixed knowledge and is entrusted with the job of transmitting it to the student. In that he assumes a superior role till the quota of knowledge transfer is accomplished. However, we have reached a stage where new knowledge is being discovered faster than that can be possessed by the teacher. And hence in the changed paradigm, a teacher needs to be a partner in learning, an experienced learner. He needs to be a facilitator rather than a provider. A teacher needs to realize that he no longer holds the sole rights to knowledge, but needs to accept that there is new knowledge all around him and a student is already in the know of its easy availability. So one needs to be a mediator between a student and the vast, fragmented and at times inaccurate information that may overwhelm him.

The relationship between a teacher and a student also has undergone a major shift; it is more and should be on an equal footing. "When college is more about career than ideas, when placement package matters more than wisdom, the role of Professors changes" - Mark Bauerlein. In earlier times students wanted to engage with the teacher out of classroom, have consultations and in general looked up to the teacher for guidance. That no longer is true, majorly because their interest is driven by reasons other than quest for knowledge. Pay packages and promise of good life is what drives the student community today, they no longer look up to the Professor for worldly and moral understanding. The teacher then should be concept driven than content driven. His lecture should be highlights of the topic made interesting enough for the student to thirst for more. He should find ways to make his lecture enjoyable and thought provoking rather than delivering it at the pulpit. A teacher today needs to understand that he has limited time to make an impact.

Students love novelty; they get disinterested very easily; they have seen better things done with the help of technology. Earlier good teaching was associated with good communication; the digital world has taken that away from us. So the teacher today has no option but to use modern tools for teaching. And by that I do not mean badly made power point presentations! Nor do I mean that teachers need to bend backwards to learn technology. The need of the hour is to be open to the use of technology in teaching and what better than to involve the student in the process? One does not have to learn to create using technology, but the students want to. So the best way is to let students create interesting videos, simulations on the concepts you wish to teach and the role of the teacher then would be to judge and appreciate what they have done. Not only does it bring them to class but makes them own their learning. Another related aspect that needs to change is the type of homework we give. Descriptive, typical questions take away the challenge, the fun in learning. Innovative assignments like creating blogs, movies, digital stories which allows them the use of laptops instead of passively writing will serve the true purpose of giving homework.

Teachers are known to be proud of their speaking prowess, they can hold fort for the prescribed hour long lecture without missing a beat. But the changing world needs a teacher who is a good listener too. One needs to hear the unsaid and change accordingly. The relationship between a teacher and student has traditionally been a formal one; one which comes from a false notion of power and is forgotten the moment the contact is lost. A teacher needs to engage with students outside the classroom. The role is not limited to academics alone but extends to sharing other interests of their students. We need to step down from the pedestal and understand that the learning is now both ways. A stronger relationship which a student would love to revisit is one which is born out of a sense of camaraderie, collaborative learning and one based on mutual respect. That is a teacher in the changing world which each one of us should aspire to become.



Research and Innovation

Project Grants

Institute	Name of Faculty	Title of Research Project	Funding Agency	Amount in lacs
IT-NU	Dr. Sanjay Garg Dr. Priyank Thakkar Dr. Vijay Ukani Arundhati Ray Misra Dharmen Dr. A Pandey	Development of comprehensive technique for soil moisture estimation using L & S band airborne polarimetric SAR data	NISAR AO, ISRO	26.84
IT-NU	Dr. Priyanka Sharma Dr. Swati Jain	Using Deep learning to understand and predict the dynamics of Tokamak discharges	BRNS	26.00
IT-NU	Dr. Parul Patel, Professor Shri R. L. Mehta (Scientist, SAC-ISRO)	Identification of Perched Water Table Areas in Irrigated Tracks using Airborne SAR Data	SAC-ISRO	20.67
IT-NU	Prof. Hemang Dalwadi, Assistant Professor Dr. Parul Patel, Professor	Identification of Road Material and Distress for Major Roads of Gujarat Using L and S Band Airborne SAR	SAC-ISRO	19.56
IT-NU	Dr. Tanish Zaveri, Prof. Pooja Shah	Oceanic Pollution and other ocean phenomenon monitoring using feature extraction from multi-polarized SAR data.	ISRO	18.81
IT-NU	Dr. Tanish Zaveri (EC), Dr. Priyank Thakkar, Prof. Pooja Shah	Study and Development of Domain Adaptive Classification Algorithm for Advanced Earth Observation and Annotation System	NISAR AO, ISRO	18.66
IT-NU	Dr. Parul Patel, Professor Prof. Hemang Dalwadi, Assistant Professor	Development of Low Cost Methodology for Surveying and Mapping with NavIC	SAC-ISRO (under NavIC-GAGAN Utilization Programme)	17.05
IT-NU	Dr. Samir Patel (PDPU), Dr. Vibha Patel, Prof. Tarjni Vyas	Land Cover Classification of Polarimetric SAR Image/Data for Agricultural and Urban Region	NISAR AO, ISRO	16.32
IT-NU	Dr. Madhuri Bhavsar, Dr. Zunnun Narmawala, Dr. Swati Jain, Prof. Vivek K Prasad	Mining agricultural cover from SAR images and measuring necessary crop parameters using IOT framework to estimate water and irrigation requirement for agricultural use	NISAR AO, ISRO	14.28
IT-NU	Dr. Sanjay Garg	Design and Development of Scalable Data Mining Algorithms for Big Earth Data	ISRO (Respond)	10.70
IT-NU	Dr. Parul Patel, Professor Dr. Tanish Zaveri (EC Department), Professor	Identification of Existing Road Material, Condition and Potential Parking Area of Ahmedabad City using AVIRIS Data and Updation Plan of Undeveloped Road	SAC-ISRO	9.00

Institute	Name of Faculty	Title of Research Project	Funding Agency	Amount in lacs
IT-NU	Dr. Tanish Zaveri (EC), Prof. Pooja Shah	Development of Blind Hyper Spectral Unmixing (BSU) algorithm for water pollutant Identification due to sewage and industry disposals for south karnataka Coast, Manglore region	AVIRIS-AO(ISRO)	9.00
IT-NU	Dr. Sanjay Garg Dr. Vijay Ukani	Object Detection and Surveillance System	GUJCOST	4.00
IT-NU	Dr. Vibha Patel Prof. Monika Shah	DNA Sequencing and Assembly using GPU	GUJCOST	4.00
IT-NU	Dr. Swati Jain Dr. Priyanka Sharma Dr. Zunnun Narmawala	Trajectory Planning for Robotic Arm for Automatic Damage Detection & Recognition of First Wall Tile Images in Tokamak using Image Processing and Machine Learning	Board of Research in Nuclear Science (BRNS)	2.21
IT-NU	Prof. Tejas Joshi, Assistant Professor Dr. Urmil Dave, Professor	Use of Pervious Concrete for Solving Problem Related to Water Clogging at Nirma University Campus	Nirma University	1.00
IT-NU	Dr. B. A. Modi Prof. R.D. Makwana	Experimental Investigation on Hole Flanging Operation by Incremental Sheet Metal Forming	Nirma University	1.00
IT-NU	Dr. A. M. Lakdawala Prof. T. N. Raval	Tribology With Biodiesel: An Experimental Study to Identify Tribo- Corrosion Behaviour of Different Bio Diesel	Nirma University	1.00
IT-NU	Prof. D. B. Shah Prof. S. J. Joshi	To Study Effect of Characterization Properties on Dimensional Control for Composite Product	Nirma University	1.00
IT-NU	Dr. Jatin Dave Dr. Mihir Chauhan Dr. Reena Trivedi	Design of Walking Mechanism For Bipedal Robot	Nirma University	1.00
IT-NU	Prof. H. K. Kapadia	3-D Laser Triangulation Measurement	Nirma University	1.00
IT-NU	Prof. V. V. Vaidya Prof. A. K. Sharma	Development of Navigation Algorithm for Autonomous Mobile Robot	Nirma University	1.00
IT-NU	Prof. A. I. Patel Prof. J. B. Patel	Design and Investigation of Advnace Control Schemes for Quadrupal Conical Tank System".	Nirma University	1.00
IT-NU	Dr. S. V. Jain Dr. V.J. Lakhera	Experimental Investigations on Artificially Roughened Solar Air Heater	Nirma University	1.00
IT-NU	Dr. Vibha Patel Dr. Samir Patel (PDPU) Prof. Tarjni Vyas	Spectral Discrimination and Separability Analysis of Crops and Weeds Using Deep Learning Techniques	AVIRIS-AO(ISRO)	1.00
IT-NU	Prof. B. A. Shah	Investigation of Heat Transfer in Pool Boiling Over Structured Surface	Nirma University	0.95
IT-NU	Dr. K. M. Patel Prof. Arvind Sankhla	Evaluation of Effect Of Induced Shear in Blending of Powders on Mechanical Properties of Aluminum based Metal Matrix Composites	Nirma University	0.50

Institute	Name of Faculty	Title of Research Project	Funding Agency	Amount in lacs
IP-NU	Dr. Priti Mehta Dr. Snehal Patel [IP-NU] with Dr. Sonal R. Bakshi [IS-NU]	Evaluation of Radioprotective Potential of Medicinally Important Bamboo Plants in Cancer	The Department of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy, Govt. of India (AYUSH)	42.12
IP-NU	Prof. Jigna Shah	Evaluation of DNA Polymerase Inhibitors for Treatment of Alzheimer's Disease	Gujarat State Biotechnology Mission	20.81
IP-NU	Dr. Shital Panchal	Epidemiology of anemia in Pre-school Tribal Children of Eastern Gujarat with Reference to Etiology, Pathophysiology and Nutritional impact	Indian Council of Medical Research (ICMR)	18.6
IP-NU	Prof. Priti Mehta - IP-NU Dr. Sanjeev Acharya, IP-NU Dr. Nasreen Munshi, IS-NU	Determination of Specific Absorption Coefficient for the Dominant Micro-algal and Macro-algae Species of Indian Coastal Water-A Step towards Developing Biomarkers and Community based Chlorophyll and Accessory Pigments Algorithms	SAC-ISRO	16.00
IS-NU	Dr. Sriram Seshadri, Assistant Professor	Elucidating the Role of Short Chain Fatty Acids (Scfas) and its Receptors in High Sugar Diet Induced Type II Diabetes	Gujarat State Biotechnology Mission (GSBTM), Government of Gujarat	22.52
IS-NU	Dr. Vijay Kothari	Validation of the in Vitro and in Vivo Efficacy of 'Herboheal' against Wound-Infective Bacteria, with Respect to its Possible Quorum-Modulatory Potential and Elucidation of the Underlining Molecular Mechanism	SRISTI-BIRAC	1.00

Annual Get-together

Annual Get-together and Picnic

The Annual Staff Get-together cum Picnic 2017 of IM-NU was organized on of March 25, 2017 at Sterling Greenwoods Lake Resort, Ahmedabad. The staff activities included rain dance, boat ride in the lake and games which made it a fun-filled evening.



Annual Get together

Workshops / Conference / Seminars

NICOM

The 20th Nirma International Conference on Management (NICOM) was organized by IM-NU during January 5 to 7, 2017. Its central theme was Contemporary Marketing: Concept, Practice & Method which had number of marketing sub-themes. In total, 195 abstracts and 120 full papers were received. The papers were received from India and abroad, mainly from the countries like Rwanda and Bangladesh. The selected papers were published in two books as Conference Proceedings with ISBN number by Excel India Publications, New Delhi. The Conference had total registrations of 128 delegates.

The Chief Guest of the inaugural session Mr. M.G. Parmeswaran, Brand Strategist, Founder at Brand-Building.com and former CEO, FCB Ulka threw light on the role that emotional advertisements play in attracting consumers and changing contemporary marketing.



The engaged audience at NICOM 2017

Institute Public Lecture

IM-NU organized the 21st Institute Public Lecture on January 10, 2017, on the topic 'Hydrocarbon Value Chain Scenario'. The lecture was delivered by Mr. B. Ashok, Chairman of Indian Oil Corporation Ltd.

He also shared the four pillars that drive their performance in the energy sector; Accessibility, Energy Security, Energy Efficiency and Sustainability.



Shri B. Ashok, Chairman, Indian Oil Corporation Ltd. at the Lecture

The Sixth International and Tenth Biennial Conference of the Indian Society of Victimology

IL-NU organised the Sixth International and Tenth Biennial Conference of the Indian Society of Victimology on February 23-25, 2017 on the theme Ensuring Victim's Participation in the Criminal Justice System. The conference was inaugurated by Hon'ble Mr. Justice Mohan Pieris, Former Chief Justice and Attorney General of Sri Lanka. Various legal luminaries like Prof. G.S. Bajpai, Chariman, Indian Society of Victimology and Registrar, National Law University, New Delhi, Prof. Xin Ren, California State University, USA, Prof. Heru Susetyo, University of Indonesia, Prof. Gerd Kirchhoff, Professor of Victimology and Criminology, OP Jindal Global University remained present for this occasion.



Mediation Training Workshop

The Mediation Training Workshop was conducted for the students of Semester VIII as a part of ADR Clinical Paper in two phases from February 17 – 18 and March 3 – 4, 2017 by Mr. Niranjan Bhatt, Senior Advocate and Managing Trustee, AMLEAD and Ms. Veena Ralli, Advocate, Supreme Court of India and Additional Organizing Secretary, Delhi High Court Mediation Centre. The emphasis of the workshop was on practical exercises by way of role play, simulation exercises wherein students took up practical problems and acted as mediators, clients and advocates to resolve disputes related to various areas.



9th Annual Public Lecture of Institute of Law, Nirma University

On January 7, 2017, the Ninth Public Lecture in the Annual Public Lecture Series was delivered by Hon'ble Mr. Justice Dr. S. Muralidhar, Judge, Delhi High Court on Access to Justice: Distant Reality.



7th International Moot Court Competition

IL-NU organized its flagship event, the 7th IL-NU National Moot Court Competition, 2017 in association with the Chambers of Shri K.T.S Tulsi from February 10-12, 2017. Forty-seven law colleges across the country participated in this competition. The team of NLIU Bhopal was declared the winners of this competition and team of NLU Kochi bagged the Runners up trophy.



6th National Conference on International Humanitarian Law and Refugee Law

Centre for International Humanitarian Law Studies and Human Rights, IL-NU in association with the International Committee of the Red Cross (ICRC) and United Nations High Commissioner for Refugees (UNHCR) organized the sixth edition of its annual flagship event – IL-NU National Conference on International Humanitarian Law and Refugee Law on March 16, 2017.



National Conference of IP-NU (NCIP) 2017

A 2nd National Conference of IP-NU was organized on theme of 'Emerging Trends in Drug Discovery, Development and Molecular Targets for Cancer Research' during January 24-25, 2017. The conference was inaugurated by Chief Guest Dr. Shilin Shukla, Professor Emeritus and Ex-Director, Gujarat Cancer Research Institute and Guest of Honor Dr. Harish Padh, Ex-Vice Chancellor Sardar Patel University and renowned researcher in field of Cancer and Genetics.



Workshop on Forest Law

A workshop on Environment and Forest Law was organized during February 16-17, 2017 at IL-NU. Ms. Arpitha Kodiveri, Senior Research Associate, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore and Mr. Geentanjoy Sahu, Researcher, Centre for Science Technology and Society, School of Habitat jointly conducted the workshop for the students of Semester X.

CCE Workshop on Molecular Biology Techniques: Cloning to Expression

A workshop on "Molecular Biology Techniques: Cloning to Expression" was conducted during January 16-18, 2017 by IS-NU, under the aegis of Center of Continuing Education, Nirma University. The workshop was sponsored by ICMR, New Delhi and supported by Orange Biotech, Chennai. Dr. Shalini Rajkumar was Coordinator and Dr. Rajeev Tyagi was Co-coordinator for this workshop. The main objective of the workshop was to train young researchers and faculty members in techniques of recombinant DNA technology and acquaint them for research in molecular biology. The sessions were conducted by our internal faculty Dr. Shalini Rajkumar supported by her research scholars.



Extension Activities

Donation of Used Spectacles

On April 7, 2017, M.Sc. students contributed to the social initiative by ophthalmologist Dr. Tejal Dalal, Tej Center for Eye Care by donating used spectacles, extra frames which Dr. Tejal uses for the children and old people who need and cannot afford buying the spectacles.

Students of B. Plan., IA&P-NU programme visited Dandi village, Navsari (Dandi march fame led by Mahatma Gandhi) for rural studio in February, 2017. During their stay they undertook a social activity of cleaning the main stretch of Dandi beach. It helped enhance the environmental consciousness in budding planners.



Students of B. Arch. programme undertook the community service of teaching and interacting with young children of underprivileged background (construction work sites and the slums) with the help of NGO, Saath Charitable Trust, Ahmedabad between January 27-30, 2017. Children indulged in creative activities like paper craft, drawing and painting, elementary and health and hygiene education.



Industry Interface

Testing

Institute	Title of Testing	Organisation	Date
IT-NU	Compressive Strength of Concrete Cube	Nirma University	January, 2017
IT-NU	Compressive Strength of Concrete Cube	Trine Infracon LLP	January, 2017
IT-NU	Compressive Strength of Concrete Cube	Oil and Natural Gas Corporation	January, 2017
IT-NU	Compressive Strength of Concrete Cube	Chavda Infra Pvt. Ltd.	January, 2017
IT-NU	K Value	Nexus Buidcon Solution, Rajkot, Gujarat	January, 2017
IT-NU	K Value	Amol Dicalite Ltd	January, 2017
IT-NU	Non Destructive Test	Bhumi consultant	February 4, 2017
IT-NU	Adhesive Tensile Test	Perfect Industry	February 6, 2017
IT-NU	Compressive Strength of Concrete Cube	Hermes technology Pvt. Ltd.	February 14, 2017
IT-NU	Compressive Strength of Concrete Cube	Trine Infracon LLP	February, 2017
IT-NU	Compressive Strength of Concrete Cube	Nirma University	February, 2017
IT-NU	Compressive Strength of Concrete Cube	Chavda Infra Pvt. Ltd.	February, 2017
IT-NU	K Value # (Temp) 100, 200, 300	Polybond Insulation Pvt. Ltd.	February, 2017
IT-NU	K Value, Compression Strength	Pine Resins and Chemicals, Raigadh	February, 2017
IT-NU	K Value	Amol Dicalite Ltd	February, 2017
IT-NU	K Value, Density, Closed Cell, Compressive Strength, Fire resistant, water vapor, dimensional, flexural strength	Alaska Puf Industries, Ahmedabad	February, 2017
IT-NU	K Value, Humid Aging%	Alaska Puf Industries, Ahmedabad	February, 2017
IT-NU	K Value	M/s. Brahmos Aerospace Ltd, Hyderabad	February, 2017
IT-NU	K Value	Keltech Energies Ltd.	March, 2017
IT-NU	K Value	Amol Dicalite	March, 2017
IT-NU	Adhesive Test	Maxroth Chemicals Ltd	April, 2017
IT-NU	Concrete Core Testing	Blue Star Ltd.	April, 2017
IT-NU	Adhesive Test	Maxroth Chemicals Ltd	April, 2017
IT-NU	Concrete Core Testing	Blue Star Ltd.	April, 2017
IT-NU	Desnsity, Chloride Sulphur Content, Shot Content Water Vapor Absorption, K Value	Gujarat State Electricity Corporation (WTPS)	May, 2017
IT-NU	K Value	Amol Dicalite Ltd.	May, 2017
IT-NU	K Value, Compressive, Water Vapour, Closed Cell, Dimensional Stability, Horizontal Burningin	Sintex Industries Ltd.	May, 2017
IT-NU	Compressive Strength Of Concrete Cube	Oil and Natural Gas Corporation	May, 2017
IT-NU	K Value	Amol Dicalite Ltd.	June, 2017

Consultancy

Institute	Faculty	Title of Consultancy	Collaborative Organization
IT-NU	Dr. S. S. Patel Dr. J. P. Ruparelia Dr. Milind Joshipura Dr. Parin Shah Dr. Femina Patel Prof. Nimish Shah Dr. Shibu Pillai Prof. Priya Saxena Prof. Sandip Sharma	Environment Audit & Adequacy	Gooly Chem Care BMW Incinerator Samvedna BMW Incinerator Balaram Cement Ltd. Claris Otsuka Pvt Ltd Concord Biotech Ltd Associated Dyestuff Pvt Ltd.(Unit-II) Mayur Dye Chem Intermediate(Unit-1) Gujarat State Electricity Corporation Ltd. E-Coli Waste Management Pvt Ltd.(Unit-II) Bavla Eco Project Chandan Intermediate & Chemical Pvt Ltd. Pratiksha Chemical Crystal Quinone Pvt Ltd.(Unit-II) Naroda Dyestuff Enviro Project, CETP Odhav Green Enviro Project-CETP
IT-NU	Dr. D. M. Adhyaru, Dr. J. B. Patel, Prof. S. A. Mehta Prof. A. I. Patel	Automation of Stenter Machine	Inspiron Engineering Pvt. Ltd., Ahmedabad
IT-NU	Dr. P. V. Patel Dr. S. P. Purohit	Evaluation of Masonry Prism	Vinod Shah, Structural Consultant, Ahmedabad
IT-NU	Prof. (Dr.) P. N. Tekwani Prof. (Dr.) S. C. Vora Prof. (Dr.) Siddharthsingh Chauhan Prof. Amit Patel Prof. T. H. Panchal Prof. M. T. Shah Prof. P. N. Kapil Prof. S. N. Jani Prof. C. B. Bhatt Prof. S. S. Kanojjiya Prof. S. Godwal Prof. D. J. Vaghela Prof. V. M. Dholakiya Prof. Gaurang B. Buch	Training Programme for Technical Associates/New Recruits	Hitachi-Hirel Power Electronics Limited, Gandhinagar
IT-NU	Dr. Paresh Patel Dr. Sharad Purohit	Evaluation of Foundation of Carbonation Tower	Saurashtra chemical, Nirma Limited, porbandar

IT-NU	Dr. Paresh Patel	Non Destructive Testing of Foundation of Sub-station	Rajesh power services pvt. Ltd., GIFT city, Gandhinagar
IT-NU	Dr. Paresh Patel Dr. Sharad Purohit	Evaluation of Dynamic Behaviour of Gopurum	Vashtu shilpa consultant, Ahmedabad
IT-NU	Dr. Paresh Patel Dr. Sharad Purohit	Evaluation of Compressive Strength of Masonry Unit after Pre-compression	Vashtu shilpa consultant, Ahmedaabd
IT-NU	Dr. Hasan Rangwala	Soil Investigation for Pile at NU New Building	Nirma University, Ahmedabad
IT-NU	Dr. Paresh Patel Dr. Sharad Purohit	Evaluation of Compressive Strength of Masonry Unit after Pre-compression	Vashtu shilpa consultant, Ahmedaabd
IT-NU	Dr. Paresh Patel Dr. Sharad Purohit	Evaluation of Dynamic Behaviour of Gopurum	Vashtu shilpa consultant, Ahmedabad
IT-NU	Dr. Paresh Patel Dr. Urmil Dave Dr. Sharad Purohit	Evaluation of Existing Civil Foundation of Absorption Tower ABLCL-1C	Saurashtra chemical, Nirma Limited, porbandar
IT-NU	Dr. Paresh Patel Dr. Urmil Dave Dr. Sharad Purohit	Evaluation Structural Capacity of Existing Fire Water Pump House at Mehsana CTF and North Santhal	Megha Engineer, c/o ONGC at Mehsana CTF and North Santhal
IT – NU	Dr. D. A. Pujara	Antenna Testing	eInfochips, Ahmedabad
IT – NU	Dr. D. K. Kothari	Design, Analysis and Simulation of LED Driver Circuit	Optics Litings, Ahmmedabad
IT-NU	Dr. D. M. Adhyaru Dr. J. B. Patel Prof. S. A. Mehta	Automation of Stenter Machine	InspirOn Engineering Pvt. Ltd., Ahmedabad
IT-NU	Dr. K. M. Patel	Training Program on Tig Welding and Gracing for Industrial Personnel	Hitachi Hi-Rel at Gandhinagar
IP-NU	Dr. Snehal Patel	Pharmacological Evaluation of Formulations for Treatment of Piles and Urolithiasis.	VIRIGO UAP Pharmaceuticals, Ahmedabad
	Dr. Bhoomika M. Patel	Evaluation of Efficacy of New Formulation for Anti-Ulcerative Colitis and Inflammation using Dextran Sulfate Sodium (DSS) in Mouse	V Clin Bio Labs, Chennai
	Dr. Tejal Mehta, Dr. Mayur Patel, Dr. Shital Butani	Melt in Mouth Granules as Calcium Supplement	Eris Pharmaceuticals, Ahmedabad
	Dr. Tejal Mehta, Dr. Renuka Mishra, Dr. Dhaivat Parikh	Taste Masked Formulation for Anti-Diabetic Drug	Eris Pharmaceuticals, Ahmedabad

Academic Development and Research (ADR) Cell

Dr. Paresh Patel, Dr. Urmil Dave, Dr. Parul Patel and Dr. Sharad Purohit, Civil Engineering Department, IT-NU had participated in National Seminar on "Quality Initiatives: Gateways and Pathways to Institutional Excellence" during March 3, 2017 to March 4, 2017, organized by ADR Cell at Nirma University.

Prof. Sandesh Sharma, Prof. Hiral Thaker, Prof. Viraj Parekh and Prof. Arth Dalwadi, Civil Engineering Department, IT-NU has participated in Faculty Induction Program for newly joined faculty members during May 29, 2017 to June 24, 2017, organized by ADR Cell at Nirma University.

Prof. Kruti Lavingia, underwent 'Research Orientation Programme' organized by ADR cell during June 5-10, 2017.

Dr. Sharada Valiveti attended national seminar conducted by ADR cell on Quality Initiatives: Gateways and Pathways to Institutional Excellence during March 3 –4, 2017.

Prof. Reshma Lakhani and Prof. Moni Baniya underwent Faculty Induction Programme organized by ADR cell during May 29, 2017 – June 23, 2017.



Participants of the Faculty Induction Program organized during May 29-June 23, 2017



Participants of the Research Orientation Programme organized during June 05-10, 2017



Dignitaries on the dais during the NAAC Sponsored National Seminar on, Quality Initiatives: Gateways and Pathways to Institutional Excellence organized during March 3 - 4, 2017

Visit of Fulbright-Nehru Delegates from the US Universities to Nirma University

On March 25, 2017, Fulbright-Nehru Delegates (Senior Administrators from the US Universities) visited Nirma University Campus. The visit included activities like Nirma campus tour; discussion on quality initiatives for teaching, learning, evaluation and administration taken by Nirma University; interaction with the Directors/Deans/Students of Nirma University.



Fulbright-Nehru Delegates in the Nirma University Campus

Faculty members Ms. Aparna and Ms. Bulbul Shukla successfully completed the 4 week Induction Programme in May-June, 2017.

Institute	Name of the programme	Programme Leaders	Date
Centre for Corporate Studies, ILNU	Certificate Course on International Taxation	Mr. Amit Kashyap, Assistant Professor, ILNU	January 22, to February 29, 2017
ILNU	Shikho Gujarati – 30 hour programme on basics of Gujarati Language	Dr. Krishna Bipin Mehta	January 5, 2017 to March 20, 2017

Name of the programme	Programme Leaders	Date	Institute
MDP (In House) for Johnson Controls Hitachi Air Conditioning	Prof. Nityesh Bhatt	January 30 to February 4, 2017	IM-NU
MDP (In House) for Johnson Controls Hitachi Air Conditioning	Prof. Nityesh Bhatt	February 6 to 11 2017	IM-NU
(Open Industry) Managerial Skills for Supervisory Personnel	Prof. Sameer Pingle	February, 6 to 8 2017	IM-NU
MDP(In House) Cadila Leadership Acceleration Programme (CLAP) Phase-I	Prof. Nityesh Bhatt	April 21-22, 2017	IM-NU

Centre for Continuing Education (CCE)

CCE organized following programmes:



A one day workshop on Big Data System Design under CCE was organized in EC, IT – NU on 23rd January, 2017. Dr. N. P. Gajjar and Dr. D. K. Kothari coordinated the same.



A one day workshop on Big Data System Design under CCE in EC, IT – NU on January 23, 2017



Workshop on Molecular Biology Techniques: Cloning to Expression conducted by Institute of Science on January 16-18, 2017



One Day Workshop on Big System Design conducted by Institute of Technology on January 22, 2017



Certificate Program on International Taxation conducted by Institute of Law on January 22, 2017 to February 26, 2017



Management Development Programme on 'Managerial Skills for Supervisory Personnel' conducted by Institute of Management on February 06-08, 2017



Workshop on Computer Aided Drug Design Software conducted by Institute of Pharmacy on February 17, 2017



One Day Workshop on Speech Processing for Beginners conducted by Institute of Technology on April 8, 2017



Faculty Development Program on Embedded System Design conducted by Institute of Technology on May 25-26, 2017

Three Days Interactive Orientation Programme on Engineering Graphics – A Language of Engineer conducted by Institute of Technology on June 12-14, 2017



Faculty Corner

PhD Awarded



Prof. Ritesh Patel has been awarded Ph. D. in Management from Gujarat University, Ahmedabad on title, "A study of Pre & Post-Merger Financial & Stock Return Analysis of Selected Indian Banks with in Investor's Perspective", as on May 2, 2017.



Prof. Jatin Dave of IT-NU has been awarded Ph.D. in April 2017 from Nirma University for his thesis entitled "Stress Analysis of Symmetrical and Unsymmetrical Laminates having Cut-outs of Arbitrary shape subjected to different Loading conditions".



Prof. Mihir M. Chauhan of IT-NU has been awarded Ph.D. in April 2017 from Nirma University for his thesis entitled "Stress Analysis of Finite Laminated Composite Plate with Discontinuity".



Mr. Kunal Pathak was awarded Doctor of Philosophy (Ph. D.) degree at SVNIT, Surat in February, 2017. He carried out his research work in the field of Computational Biology under the guidance of Dr. Neeru Adlakha. The title of the thesis is "Computational Models to Study Calcium Dynamics in Cardiac Myocytes".

Faculty Achievements

Prof. Dr. P. N. Tekwani (Professor and HoD – Electrical Engineering, IT-NU) Receiving Rajarambapu Patil National Award – 2016 for the Promising Engineering Teacher for Creative Work done in Technical Education. He received the award from Prof. Dr. Anil D. Sahasrabudhe (Chairman - AICTE), and Prof. Dr. G. D. Yadav (Vice Chancellor – Institute of Chemical Technology). The award was presented during 46th ISTE National Annual Convention & National Conference held at Gulzar Group of Institutes, Khanna, Ludhiana (Punjab) during 10-12 February, 2017. The theme of the national conference was 'Intelligent Technologies for Better Tomorrow'.



Prof. Sameer Pingle was conferred Certificate of Distinction for excellence in teaching by HoF University of Applied Sciences, HoF, Germany during International Teaching Week in May, 2017



Dr. Madhuri Parikh, Associate Professor, IL-NU was conferred the Achiever's Award in the Field Research category at the 5th Conclave on Excellence in Education, Delhi on April 22, 2017.



Faculty Recognition

- **Dr. Urmil Dave** visited University of Victoria (UViC), British Columbia, Canada as a part of ongoing IC-IMPACTS research project from 29th May, 2017 to 30th May, 2017. The activities related to the project were observed. He has also delivered a talk on 'Research Activities in context to Alkali Activated Concrete at Nirma University, INDIA' to the fourth year selective students of B. Engg. Programme of University of Victoria on May 30, 2017.
- **Prof. H. K. Patel** awarded with Distinguished Society Service award in ISA Automation week 2015-16 conducted by ISA District-14.
- **Dr. Krishna Bipin Mehta**, Assistant Professor was awarded the title of 'Emerging Daughter of Gujarat' by the Swayamsiddha Foundation on World Daughter's Day on January 12, 2017
- **Dr. Sriram Seshadri**, was awarded with Award for Research Excellence by The Indo-US Educational Foundation and Omics International Publications owing to his recent research work and publications in the year 2015 and has been appointed as International Grant reviewer by Czech Science Foundation, Czech Republic due to his expertise on Gut Microbiota.
- **Prof. Pawan K. Chugan** was Elected National Council Member and Chairman of STD Ahmedbad Chapter for the year 2017-18. He is also appointed as Editorial Board member for the International Journal of Business and Management Science - EPH Journals, Adelaide, Australia.
- **Prof. Sunita Guru** and **Neha Singh** won ET Cases Award for showcasing a futuristic and progressive idea organized by Global summit on management cases by IIM Raipur on February 10-11, 2017.
- **Prof. Ritesh Patel** and **Prof. Nikunj Patel** won the best paper award (Third prize) for the paper "Stock Market Efficiency in Selected Economies" at Anvesh 2017 - Doctoral Research Conference in Management, at IM-NU, Ahmedabad as on April 7-8, 2017.
- **Prof. Nina Muncherji** was invited to be on the Interview Panel at Gujarat Info Petro Limited, Gandhinagar for the position of Sr. Officer & Manager (HR) on 1st July, 2017 and was invited to deliver an Expert Lecture at Institute of Pharmacy, Nirma University in the ISTE Approved STTP on "Transforming Higher Education through Innovative Pedagogical Tools" on the topic 'Course Design for Effective Teaching' on July 4, 2017.
- **Prof Indu Rao** received an award from GJEPC (Gems and Jewellery Export Promotion Council), Ministry of Commerce and Industry, Govt of India for contribution to Indian Diamond Industry, an award from South Gujarat Chamber of Commerce and Industry for "Carrying outstanding research and immense contribution to Indian Diamond Industry" and an award from Sarvajanic Education Society, Surat for "Exemplary academic contribution by carrying out research and showing a way forward to Indian Diamond industry". She also won the Best Paper Award for the paper "Cultural Governance for "Sustainable Development" at the National Youth Summit held on January 30, 2017 at Knowledge Consortium of Gujarat, Ahmedabad.
- **Prof. Rajesh K. Jain** invited as Jury for the Case Study Competition of the National Finals of Business Games organized by ONGC at Baroda on January 3, 2017. He was adjudged as the Master Trainer for Zero Defect and Zero Effect (ZED) programme of the Quality Council of India (QCI), Ministry of Micro, Small & Medium Enterprises, Govt. of India, New Delhi in March, 2017.



Expert Lectures Delivered by Faculty

Dr. D. B. Shah delivered expert lecture on "Finite Element Methods" in five days CEP on "Finite Element Methods: A Universal Tool for Engineering Analysis at SVNIT, Surat on January 03, 2017.

Dr. S. J. Joshi delivered expert lecture on "Finite element analysis - Case Studies" in STTP on Introduction to Boundary Element Method at L D College of Engineering, Ahmedabad on January 10, 2017.

Dr. V. J. Lakhera delivered an expert research talk in one-day workshop on "Computational Fluid Dynamics" at NITTTT, (Under MHRD, Govt. of India) on May 11, 2017

Dr. R. N. Patel delivered an expert research talk in one-day workshop on "Energy Conservation in Plant Equipment" at NITTTT, (Under MHRD, Govt. of India) on May 10, 2017

Dr. R. R. Trivedi delivered an expert lecture on "conventional optimization technique using matlab" in sttp on "Modelling and Optimisation Techniques for Engineering Applications (MOTEP) at CGPIT, Ukatarsadia University (UTU), Bardoli on March 29, 2017

Dr. J. M. Dave delivered an expert lecture on "FEA meshing using hyperworks" and "Static Analysis in Hyperworks" in sttp on "Software Application for Design and Analysis in Mechanical Engineering" at Chhotubhai Gopalbhai Patel Institute of Technology (CGPIT), Bardoli on April 04, 2017

Dr. V. J. Lakhera delivered an expert research talk on "Thermal Insulation for Process Plants" in a training programme on "Advances in Design of Process and

Equipment for Process Plants' at Navrachana University, Vadodara, one-day workshop on "Computational Fluid Dynamics" on May 09, 2017

Dr. B. A. Modi delivered expert lecture on "Industrial Practices in Sheet Metal Forming" in training program for faculty members at RCTI campus, Ahmedabad under National Institute of Technical Teachers' Training and Research Institute under MHRD Govt. of India, on May 17, 2017

Prof. Sarat Dalai, Director, IS-NU was invited to deliver a talk entitled "Modulation of CD8a+ DCs by infectious sporozoites correlates with enhanced protracted protection against liver stage Plasmodium infection" February 16 - 18, 2017 Immunocon - GITAM Institute of Medical Sciences and Research

Dr. Shalini Rajkumar, Associate Professor of IS-NU was invited as a resource person at UGC-CAS Department of Biosciences, Saurashtra University organized National Conference on "BIODIVERSITY AND BIORESOURCE UTILIZATION" during March 9-10, 2017. The title of her talk was Mechanisms and Application of Genome Editing Technologies in Biodiversity and Bioresource Utilization

Dr. Vijay Kothari, Assistant Professor of IS-NU delivered a talk "Altered Gene Expression Associated with Enhanced Violacein Production in Sonic-stimulated Culture of Chromobacterium Violaceum" during second conference on Next Generation Sequencing, at Center for Cellular and Molecular Biology, Hyderabad on February 24, 2017.

Dr. Sriram Seshadri, Assistant Professor of IS-NU attended the DST Investigator's Meet at Dr. Reddy's Institute of Life Sciences, University of Hyderabad, Hyderabad and gave an invited talk on "Modulation of Gut Microflora as an Alternative Strategy for the Diabetes Prevention/ Treatment on 26-January 27, 2017.

Dr. Sonal R. Bakshi, delivered invited lecture entitled "Seed, Soil, Gene, Non Gene: Jigsaw puzzle of human (genetic) disease" on 18 May, 2017 at Summer Training Programme organized by the 'Iladevi Cataract and IOL Research Foundation & Gujarat University', Ahmedabad.

Dr. Nasreen S. Munshi, delivered invited lectures, one on "Mechanisms of DNA Damage and Repair" and another on "Bacterial Metabolism and Fueling Reactions" during GSBTM sponsored BT-CBC Crash Workshop at Pramukh Swami Science & H.D. Patel Arts College, Kadi on May 7, 2017

Prof. Utpal Sharma, delivered following lectures at various institutes. Appeared in IVth World Planning Congress at Federal University of Rio-de-Janerio, Brazil, as presenter in the Plenary Session (PS) "Nature in the City: Interactions and Contradictions". He attended 19th Arcasia Forum conference held at Jaipur and was the Keynote Speaker in ARCASIA 2017. He also attended 6th Asia Pacific Ministerial Conference on Housing and Urban Development arranged by The Ministry of Housing and Urban Poverty Alleviation (MoHUPA), Government of India at New Delhi.



Papers Published in International Journals / Magazines

Achari Madhusudan A. of IT-NU "Conjugate Heat Transfer Analysis of a Turbulent Slot Jet Impinging on a Moving Plate", International journal of Heat and Mass Transfer, ISSN No. 1432-1181, Volume No. 53(3), Page No. 1017-1035. January, 2017

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Bhagya Iyer, Mahendrapal Singh Rajput and Shalini Rajkumar of IS-NU "Effect of Succinate on Phosphate Solubilization in Nitrogen Fixing Bacteria Harboring Chick Pea and their Effect on Plant Growth. Microbiological Research 202: 43-50

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Chaube Udit and Bhatt Hardik of IP-NU "3D-QSAR, Molecular Dynamics Simulations, and Molecular Docking Studies on Pyridoaminotropans and Tetrahydroquinazoline as mTOR Inhibitors" Molecular Diversity, June, 2017; doi: 10.1007/s11030-017-9752-9. ISSN No: 1573-501X (IF – 1.752).

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Dharti Patel, Dr. Zunnun Narmawala and Dr. Sudeep Tanwar of IT-NU "A Systematic Review on Scheduling Public Transport Using IoT as Tool", Proceedings of International Conference on Smart Innovations in Communications and Computational Sciences, June, 2017.

Dhaval Tilala, Dr. Madhuri Bhavsar and Vipul Chudasama of IT-NU "SLA Management in Federated Cloud",

Proceedings of International Conference on Information and Communication Technology for Intelligent Systems, March 2017.

Dr. Rohit Moonka and Dr. Silky Mukherjee of IL-NU "Impact of the Recent Reforms on the Indian Arbitration Law" published in the BRICS Law Journal, Tyumen State University, Russia

Dr. Sriram Seshadri of IS-NU "Microbial Communication via Quorum Sensing: Influence and Alteration of Gut Ecosystem" Journal of Biochemistry and Molecular Biology; 4(1): 1020-1023, 2017 (Impact Factor – 2.28)

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interconnected via AC/DC tie-lines considering new structures of matrix Q," IET-Generation Transmission and Distribution, ISSN Print: 1751-8687, Vol. 10, Issue – 14, November-2016, pp. 3570-3579.

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Pant A, Pasupureddy, R, Pande V, Seshadri S, Dixit R and Pandey KC. of IS-NU "Proteases in Mosquito Borne Diseases: New Avenues in Drug Development. Current Topics in Medicinal Chemistry (2017), 17 DOI: 10.2174/1568026617666170130122231 (Impact Factor – 2.998)

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Prof. P. N. Tekwani, Prof. M. T. Shah of IT-NU "Power Quality-improved Front-end Converter Employing Space Phasor-based Current Control Technique", Inderscience International Journal of Power Electronics, Genève, Switzerland, vol. 8, no. 2, pp: 124-147, ISSN:1756-638X, March 2017.

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Papers presented in International Conferences

Sr. No.	Name of the Faculty Member	Paper Title	Name of the Conference	Venue of Presentation	Date of the Conference	Institute
1	Prof. Devendra Vashi	Challenges & Opportunities in Privacy Preserving Data Mining for Healthcare Dataset	International Conference on Research and Innovations in Science, Engineering and Technology, 2017	Vallabh Vidyanagar, Gujarat	February 17 -19, 2017	IT-NU
2	Prof. Vipul Chudasama, Dhaval Tilala, Dr. Madhuri Bhavsar	SLA Management in Federated Cloud	Information and Communication Technology for Intelligent Systems, 2017	Bodakdev, Ahmedabad	March 25-26, 2017	IT-NU
3	Prof. Vipul Chudasama	Weight based Workflow in Cloud Federation	Information and Communication Technology for Intelligent Systems, 2017	Bodakdev, Ahmedabad	March 25-26, 2017	IT-NU
4	Dr. Priyank Thakkar, Krunal Varma, Dr. Vijay Ukani	Outcome Fusion-based Approaches for User-based and Item-based Collaborative Filtering	Information and Communication Technology for Intelligent Systems, 2017	Bodakdev, Ahmedabad	March 25-26, 2017	IT-NU
5	Jayati Dave, Yusra Shaikh, Prof. Anuja Nair, Prof. Tarjni Vyas	MobiCloud : Performance Improvement, Application Models & Security Issues	Information and Communication Technology for Intelligent Systems, 2017	Bodakdev, Ahmedabad	March 25-26, 2017	IT-NU
6	Dr. Sudeep Tanwar, Tyagi S. & Kumar S.	The Role of Internet of Things and Smart Grid for the Development of a Smart City	International Conference on Internet of Things for Technological Development, (IoT4TD)	Gandhinagar, Gujarat	April 1-2, 2017	IT-NU
7	Jitendra Oza, Dr. Zunnun Narmawala, Dr. Sudeep Tanwar	Public Transport Tracking and its Issues	2nd International Conference on Recent Innovations in Computer Science and Information Technology (RICSIT-2017)	University Institute of Information Technology, Himachal Pradesh University, Shimla.	May 19, 2017	IT-NU

8	Sweety Jain, Dr. Sudeep Tanwar, Pradeep Kumar Singh	Energy Optimization in Smart Grid using Tensor Decomposition	2nd International Conference on Recent Innovations in Computer Science and Information Technology (RICSIT-2017)	University Institute of Information Technology (UIIT), Himachal Pradesh University, Shimla.	May 19, 2017	IT-NU
9	Malay Shah, Prof. Rupal Kapdi	Object Detection using Deep Neural Network	International Conference on Intelligent Computing and Control Systems	Vaigai College of Engineering, Madurai, India.	June 15-16, 2017	IT-NU
10	Mahesh K. C.	Robust Estimators on the Circle	5th International Conference on Advanced Data Analysis, Business Analytics and Intelligence	IIM-A	April 8-9, 2017	IM-NU
11	Monali Chatterjee	Ironical Subversion in Shakespeare's Coriolanus"	International Conference on "Shakespeare World Wide"	DECLS, Saurashtra University, Rajkot.	Feb, 4-6, 2017	IM-NU
12	Nirmal Soni	Case Study: A Family Enterprise Challenges: Solid waste Management Business.	Sixth Asian Invitational Conference on Family Business	Indian School of Business, Hyderabad	Feb 3 - 5, 2017	IM-NU
13	Nirmal Soni	"An Ethnographic Research on Immediate Impact of Demonetisation on the Construction Labour of Ahmedabad.	UGC Sponsored 3rd International Conference on "Sustainable Economic Development: Paths and Obstacles"	Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir.	March 24 and 25, 2017	IM-NU
14	Nikunj Patel	A Study of Customer's Preference for Housing Loan with Respect to Retail Banking	UGC Sponsored International Conference on Women Empowerment: Issues and Challenges	Jai Narain Vyas University, Jodhpur	March 23-24, 2017 April 7-8, 2017	IM-NU
15	Indu Rao	Competing Values in Infrastructure and Real Estate Multinational Firms: India and UAE	Academy of International Business India Chapter Conference 2017	Symbiosis International University, Pune	April 19-20, 2017	IM-NU
16	Monali Chatterjee	New Insights on Korzybski's Pedagogical Implications	U.G.C. International Conference on "Alfred Korzybski's Thought: Linguistic, Philosophical and Pedagogical Implications"	VNSGU, Surat	January 18-19, 2017	IM-NU
17	Nikunj Patel	A study of customer's preference for housing loan with respect to retail banking	UGC Sponsored International conference on Women Empowerment: Issues and Challenges	Jai Narain Vyas University, Jodhpur	March 23-24, 2017	IM-NU

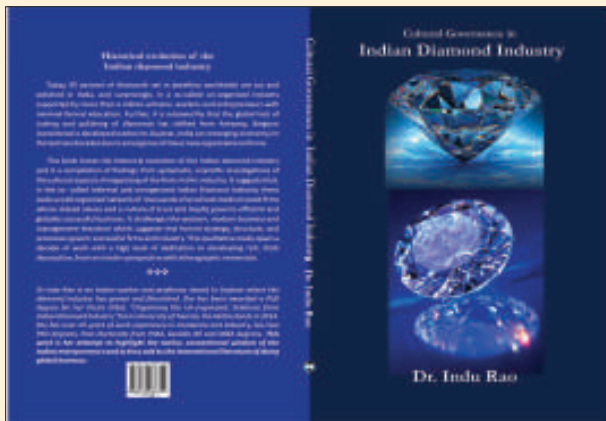
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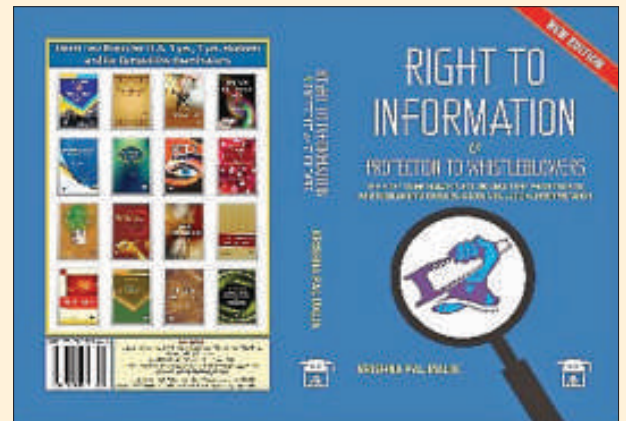
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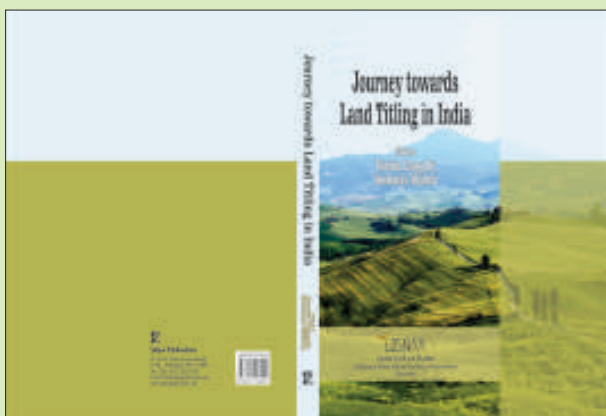
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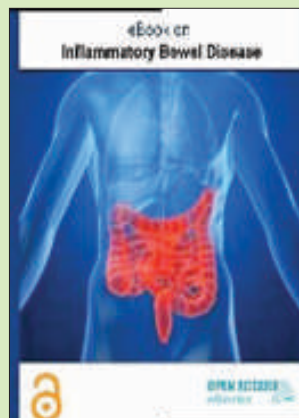
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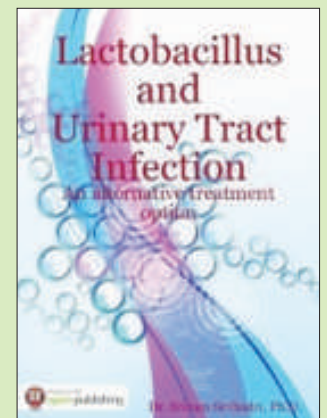
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Mr. Arun B. Prasad of IL-NU “Cyber Crime in India: Time Series Study of Cyber Crimes at State Level” in Cyber Crimes in 21st century bearing ISBN no. 978-93-843705-3-4, April, 2017.

Staff Corner

Patel N., Garg N. K. and Tyagi R. K. of IS-NU “Nanostructured Lipid Carriers Mediated Methotrexate Delivery Evokes Transcription Factors to Induce Selective Apoptosis of Rheumatoid Arthritis” in book title NanoBioMedicine. M/s Studium Press LLC, USA ISBN: Series ISBN (13): 978-1-626990-50-0

Svetal H. Shukla and Lalitha Poluru. of IS-NU “Growth and Obsolescence of Literature in the Field of Agricultural Biotechnology” paper presented at International Conference on Changing Landscape of Science & Technology Libraries, IIT, Gandhinagar.

Svetal H. Shukla and Lalitha Poluru of IS-NU “Research Collaboration in Field of Molecular Biology: A Scientometric Study” paper presented at one day National Conference on Literature, Social Sciences, Regional Studies and Management Practices at V. N. S. B. Ltd. Arts & Commerce College, Vadnagar.

Alumni Corner

Pratidhwani – The Alumni Conclave 2017

The 4th Alumni Conclave of the IM-NU was held on February 4, 2017. The theme for Pratidhwani, 2017 was “Uncertainty is the new Normal”. The aim was to address the need for leaders and managers to formulate strategies that enable their organizations to sustain and grow in the face of these uncertainties. The Alumni Conclave is a platform where alumni from different sectors share their views on a common topic from the perspective of their respective fields. It also provides a wonderful opportunity for students to gain practical business knowledge by interacting with the alumni and learning from their rich experiences.



A Panel discussion during Pratidhwani 2017

The Alumni Meet

Home Coming 2017 was organized at the IL-NU on February 5, 2017. IL-NU Alumnis actively participated in the programme. All the alumni members spent the whole day at the IL-NU and various activities such as Open Mic Session, Mock Classes, Cricket Match + Games, Drum circle, Music were organized during the day which was followed by cultural event.



A Panel discussion during Pratidhwani 2017

Alumni Lecture Series

Name of Expert/Guest	Topic	Date of Event
Mr. Vibhor Mathur Co-founder of Project Awaaz, Former President of Hindu Debating Society	Debate Workshop	January 29-30, 2017
Mr. Bayar Goswami	Prospects in Air and Space Law, Masters of Law, Scholarships	March 2, 2017
Mr. Harshal Shah Alumni of Institute of Technology	IDEA LAB Competition 2017 A Road Map Towards Legal Incubation	March 09, 2017

Alumni Annual Meet

The annual meet of IP-NU (Institute of Pharmacy Nirma University Alumni Association) was organized on January 26, 2017. More than 90 alumni members have joined for the annual meet. B. Pharm. Students arranged various fun activities for entertainment of Alumni members. Alumni members have interacted with all faculty members and B. Pharm final year students, shared their feedback and views. The annual meet was ended with delicious lunch.



Students' Activities

Students' Achievements

IT-NU



Ms. Ashwini D. Karlekar of Chemical Engineering Department bagged the ISTE-IPCL National Award for best thesis on February 11, 2017. Her project was guided by **Dr. Parin Shah**.

Brijesh Saparia and Vishal Patel of Chemical Engineering department won Third best project award and a cash prize of Rs 10,000 for their project titled "Solar Photocatalysis" in "Tech Eureka" a project competition at G.H Patel College of Engineering and Technology, Vallabh Vidyanagr held during April 8-10, 2017. They were guided by Prof. Leena Bora.

Binakaben Patel, Received Bronze Medal At National Level In Kurash Championship held at Guwahati On March 28, 2017.

IP-NU

Ms. Aashu Gupta (B. Pharm) and Mr. Madhav Bashyal (M. Pharm) received best student award by Indian Drugs Manufacturers Association, Gujarat State Board.

IT-NU

Paurin Shah won 3rd prize and Cash of Rs. 7000/- for presenting a paper titled "Torsional Strengthening of Beam Using Stainless steel wire mesh" in International Civil Engineering Symposium, IIT Bombay at AAKAR - 2017 on March 4-5, 2017.

Raj Kansagara got "Student Best Paper Award" and Rs. 5000/- (Second prize) for the paper presented in International Conference Sankalchand University.

Model United Nations

IM-NU organized the first edition of its annual Model United Nations conference, IM-NU MUN, on January 27 and 28, 2017. The conference, organized by the students of BBA-MBA Integrated Programme. The event was presided by chief guest K H Patel, former Indian High Commissioner to Uganda and Ambassador to Rwanda and Burundi and in the valedictory session, the chief guest, Mr. Manasvi Thapar, founder of Candour Legal, President of Analog and Digital Labs, and an alumnus of Institute of Law, Nirma University talked about the diminishing need and reason for innovation and change amongst the youth for the development of the country.

Op-Start

Conducted on March 10, 2017 the event of IM-NU was based on the analysis of the supply chains of the reputed and established FMCG giants.

Hip-Hop Dance Workshop

A Hip-Hop dance workshop was conducted by Ritayan- the Music and Dance Club of IM-NU BBA-MBA Programme on January 12 - 13, 2017. A team called 'Paranoid Dance Crew' taught the students some edgy moves of two different dance styles namely, Jazz Funk and Dance Hall.



Qriosity

State level IT quiz at IM-NU for undergraduate students of Gujarat. The online round was organised on March 11, 2017 while on campus round was organised on March 17, 2017. In this, undergraduate students from different disciplines (Engineering, Science, Commerce, BBA etc) participated.



The enthusiastic participants at Qriosity

Drop of Ink

IM-NU conducted its National level event 'Drop of Ink' on February 5, 2017 with an objective of giving a platform to people for expressing their feelings and emotions.



A Drop of Ink

Toppers in Judicial Service Exams

Five IL-NU students Citrakshi Singh (Second Rank), Vaibhav Soni (Seventh Rank), Shaili Parwal (Seventeenth Rank), Vikas Jain (Thirty First Rank) and Nidhi Beniwal (Forty Eighth) achieved top ranks in the examination Rajasthan Judicial Service Examination results.

Moot Achievements

Competition	Students Participated	Position	Month
Second National mock trial competition, Christ university	Bhoomika Kalley Zibal Qureshi Chitra Singh	Runners Up	February, 2017
5 th RML SCC Online International Media Law Moot Court Competition	Apeksha Sizaria Ashutosh Jain Vatsalya Vishal	Quarter-finalists	March, 2017
2 nd NUSRL Trial Advocacy Competition	Virendra Singh Ranawat (4th year) Manishankar Singh (3rd year) Upadhyay Anjali (2nd year)	Runners Up	April, 2017
7 th Jamia Millia Islamia National Moot Court Competition	Rajeev Kumar Tiwari (1st year) Ayushi Mukherjee (1st Year) Suryansh Srivastava (1st Year)	Winners	April, 2017
13 th Nani Palkhivala Taxation Law Moot	Neti Jhatakia Runjhun Pare Adit Kesarwani	Semi-finalist	April, 2017



Annual Cultural-Sports Festival, VIBES 3.0

IL-NU organized the annual national cultural festival – VIBES 3.0 from February 3 – 5, 2017. More than 500 students from across the country participated in the various events conducted during the three-day event.

The Model United Nations conference (MUN 3.0) was organized at the Institute under NILSAA from 8th to 10th January 2017. Mr. Narinder Singh, Chairman, International Law Commission (UN) was the Chief Guest of the function. The event witnessed a good number of participation (about 150 students) across the country.



IP-NU



Mr. Ankit Borisa, Ph.D. student of IP-NU under guidance of Dr. Hardik Bhatt, received ICMR Senior Research Fellowship Award for the project entitled “Lead Identification, Design synthesis and Screening of Novel Derivatives as Aurora Kinase Inhibitors for Cancer Treatment” from November 1, 2016 till October 31, 2018. He also received best poster presentation award at 8th RBF International symposium organized by Zydus Research Centre, Ahmedabad held from February 2-4, 2017.



Ms. Parmi Patel, Ph.D. student of IP-NU under guidance of Dr. Jigna Shah, received GSBTM Junior Research Fellowship Award for the project entitled

“Evaluation of DNA Polymerase Inhibitors for Treatment of Alzheimer’s Disease” from March 14, 2017 till March 14, 2018.



Mr. Vivek R. Bora, Ph.D. student of IP-NU under guidance of Dr. Bhoomika M. Patel, has received Junior Research Fellowship from SERB, DST for the project entitled “Exploring the Effect of Histone Deacetylases (HDAC) in Cancer-cachexia and their Downstream Targets” from February 22, 2017 till June 3, 2018.



Mr. Manan Shah, Ph.D. student of IP-NU under guidance of Dr. Charmy Kothari, attended and participated in International Conference on Pharmacovigilance, ISOP-2017 at Bangkok (Thailand). He also received membership of International Society of Pharmacovigilance (ISOP).

Ms. Sushama Rawat, Ph.D. student of IP-NU under guidance of Prof. Manjunath Ghate, participated in 1st Annual Pharma Literati Essay Contest on the theme of “Role of Digital Platforms in Education Sector” in January 2017 and received the First Prize worth Rs. 10,000.

IS-NU

M.Sc student Mr. Ramesh Chaudhari of **Dr. Rajeev K. Tyagi** was awarded **Bill and Melinda Gates Foundation Global Health Travel Award, USA** to attend the conference on “T1 Vectors, Pathogens and Diseases: Current Trends and Emerging Challenges conference”.

Mr. Chaudhari of IS-NU will attend the Keystone Symposium to be held at the Southern Sun Elangeni & Maharani, Durban, KwaZulu-Natal, South Africa on September 10 - 14, 2017

Ms. Vishakha Bhurani of IS-NU will deliver a talk entitled “Inducing Long-Lived Memory through Vaccination: Taking Cues from Nature” on 4th March, 2017 - One day National Seminar on Immunological Advances in Health Management: Current scenario & Future Perspectives, CUG Gandhinagar, Gujarat.

Ms. Krishna L. Bharwad, Ph.D. scholar of IS-NU received Best Poster Award for “Succinate Mediated (catabolite) Repression of Oxalic acid production in Mineral phosphate solubilizing nitrogen fixing Klebsiella pneumoniae at the “XXXI Gujarat Science Congress 2017” jointly

organized by Gujarat Science Academy, Gujarat Energy Research and Management Institute, Pandit Dindayal Petroleum University, Institute of Seismological Research during February 4-5, 2017 at Gandhinagar, Gujarat.



Mr. Ankit Naik, M.Sc. Biotechnology 4th semester student of IS-NU, has been awarded First prize for his Poster presentation entitled "Evaluating TGF- β -1 Levels in Triple Positive Breast Cancer and Triple Negative Breast Cancer during Anti-Estrogen Therapy" in PG/Ph.D. award category in 2nd National Conference of Institute of Pharmacy.

C. Joshi, P. Patel and V. Kothari of IS-NU Validation of the Anti-infective Potential of a Polyherbal 'Panchvalkal' Preparation and Elucidation of the Molecular basis Underlining its Efficacy. 4th International Congress of Society for Ethnopharmacology (SFEC 2017) at Uka Tarsadia University, Bardoli, India, February 23-25, 2017.

V. Kothari, P. Patel and C. Joshi of IS-NU Characterizing the Gene Expression Profile associated with Enhanced Violenin Production in Sound Stimulated Culture of *C. Violaceum*. XXXI Gujarat Science Congress, at GERMI-PDPU campus, Gandhinagar, Feb 4-5, 2017.

P. Patel, S. Sharma, D. Padia, D. Gajera, D. Shahi, C. Joshi and V. Kothari of IS-NU Quorum sensing modulatory potential of certain phytochemicals against bacterial pathogens. XXXI Gujarat Science Congress, at GERMI-PDPU campus, Gandhinagar, Feb 4-5, 2017.

Himadri Patel, Shristi Biswas and Yamnah Hafeji of IS-NU Co-administration of Aceclofenac and Methotrexate Loaded Lipobrid Render Prophylactic Effect in Cancer Therapeutics, Institute of Pharmacy, Nirma University during January 24-25, 2017

Nikunj Tandel of IS-NU Highly Artemisinin-Resistant Plasmodium Falciparum with Quinine Co-Resistance Emerges under in vivo Artesunate Pressure" at 8th International Symposium on Advances in New Drug Discovery and Development, Zydus Research Center, Ahmedabad, India during Feb 2-4, 2017.

IA&P-NU

Zeel Patel, of IA&P-NU first year student of B. Plan programme was awarded for the "Best Position Paper" in the Model United Nations held at IM-NU on January 27, 2017.

Zeel Jani, of IA&P-NU Second Year Br. won first prize in 1st Gujarat State Open Karate Championship and 2nd prize in SKSI's 33rd All India Karate Championship in Kumit and Kata categories.



Zeel Patel was awarded 'Best Position Paper'

Papers Published / Presented in Journals / Conferences:

IT-NU

Parikh K. N. Patel P. V. and Purohit S. P., "Static and Dynamic Analysis of Framed Structure incorporating Buckling Restrained Braces", 3rd International Conference on Sustainable Energy and Built Environment, (ICES), organized by School of Civil and Chemical Engineering, VIT University, Vellore, Tamilnadu, March 16-17, 2017, pp. 61-68 (ISBN of Proceeding 978-81-923320-5-5)

Utsav Patel, Raj Kansagara and Jahanvi M. Suthar, "Comparative Study of Seismic Resistant Steel Braced Frames",

International Civil Engineering Symposium (ICES'17) organized by ASCE-VIT Student Chapter in association with American Society of Civil Engineers India Section and School of Civil and Chemical Engineers (SCALE) of VIT during March 16-19, 2017.

Gautam Dadhich and Parul R. Patel, "Agriculture Land Suitability Evaluation for Wheat Cultivation using Geomatics for Patan District, India", International Journal of Agricultural Resources, Governance and Ecology, Vol. 13, No. 1, 2017, pp. 91-108. (Gautam Dadhich - M. Tech. by Research Student, Civil

Engineering Department, IT-NU)

Shahil Gondalia, Prof. Utsav Koshti and Prof. Urmil Dave, "Behavior of Steel MR Frame Building Using Reduced Beam Section" published in The IUP Journal of Structural Engineering, Volume X, Issue 2, April 2017, pp. 26-34, ISSN: 0974-6528.

Raj K. Kansagara and Jahanvi M. Suthar, "Performance based Seismic Analysis", Proceedings of International Conference on Technology and Management (ICTM-2017) organized by Sankalchand Patel University (SPEC), Visnagar during February 17-18, 2017

Extra-Curricular Activities

Fenil Shah of IT-NU obtained the title of 'Arena Grand Master' for chess from World Chess Federation in March 2017

Deep Patel and **Jwalant Bhatt**, IC department student won Outstanding student section project at ISA District 14 Automation India Week

ENIGMA

IP-NU Students' Association (NIPSA) organized a technical fest "ENIGMA-Redefining Excellence" during February 16-17, 2017. Along with it, KRIDANGAN '17, a Sport's activity was also arranged for sports enthusiasts.



Drama Club Activity

Students of Drama club, IP-NU participated in One act play competition as a part of celebration of republic day on Theme "Reality check".



Euphoria 2017



IP-NU organized Euphoria 2017 (Never before... ..Never again), a talent hunt for first year students on March 15, 2017. More than 60 student participated in various events like dance, Drama, song, mime and ad-mad.

Related Study Program

The students of B.Arch attended Related Study Program (RSP) in January, 2017. Students documented the social, cultural and environmental aspects of chosen sites along with detailed measured drawings. The sites included Jodhpur, Randeri (Rajasthan) and Coorg (Karnataka).





The students of B. Plan 1st year went to Nepal for Related Study Program (RSP) in June, 2017. Students interacted with academicians and government officials regarding reconstruction strategies after earthquake and documented the places they visited through sketches, maps, write-up and photographs.



The students of B.Arch visited various places as a part of exploration Related Study Program in June, 2017. The places included Bali, where students attended a workshop on Bamboo construction at Green Village. They also visited Delhi, Chandigarh, Fatehpur Sikri and Agra in India and Prague, Berlin, Vienna and Budapest in Europe.



Poetry club at IA&P-NU organized a poetry recital competition as part of Kalp festival in February, 2017.

Students committee organized a Teachers day celebration and felicitated teaching and non-teaching staff of the institute along with cultural programme.

Drama Club organized a theatre workshop in January, 2017. The students participated on "One act play" competition and two positions as runner up for best actor male and female were secured.

Kathak Recital - IM-NU

Club Fiesta, the Music and Dance Club of IM-NU, in association with SPIC MACAY, organized a beautiful cultural evening featuring Padmashri Shovana Narayan on February 9, 2017. Guru Shovana Narayan is India's most celebrated and outstanding Kathak Maestro of the present age and a disciple of Pandit Birju Maharaj. Her eminent choreographies include the dance ballet "Kadambari: The Poet's Muse" and a Soliloquy to "Shakuntala".



Padmashri Shovana Narayan for the Dance Recital at IM-NU

Genesis

Genesis is the cultural fest of the BBA Programme of IM-NU organised on February 21 and 22, 2017. The first day of Genesis 2017 presented events like "Infools Residency" (Fandom quiz, Block and Tackle, JAM), Photography competition, True Detective, Fireflies "The Fashion Show", 'Let's Nacho'-the dance competition followed by another set of several exciting events.



Participants at Genesis

Short Film Making Workshop

A Short Film Making workshop was conducted by Chehre - the Dramatics Club of IM-NU. On January 20, 2017 Mr. Tanmay Shah, the guest speaker of the workshop has made 52 zero budget films in 52 weeks and holds the Guinness Book of World Record for the same.



A Short-Film Making Workshop by Mr. Tanmay Shah

Street Smart

Swayam Club – the Entrepreneurship Club organised Street Smart, a three-day real-time business competition from January 26 to 28, 2017, where students of IM-NU come up with innovative business ideas to carry out business on the campus and earn Prof.its from their own "home" market.



Enthusiastic Participants at Street Smart

Lohri

The cultural committee celebrated the merry traditional festival of Lohri on January 13, 2017 at the institute. Starting with the Aardas, IM-NU cherished the festival with the enormous number of students.



Students celebrating Lohri



Social Initiatives

Cleanliness Awareness Drive by the Students

On April 11, 2017, 30 volunteers of Team NSS, IM-NU organized a Cleanliness Awareness Drive in the University. The volunteers cleaned the entire University in two hours. Keeping the hygiene factor in mind, the volunteers were provided with recyclable gloves and masks.



NSS Activity on Cleanliness Awareness Drive

Jacket-distribution Programme

Jacket Distribution Programme by M.A.D. - Make a Difference, an NGO and students of IM-NU



Old Age Home Visit

A visit to Sarjan Orphanage Mavericks by the Social Committee of BBA with Deja View, the Movie Club of BBA

Sports Initiatives

Invictus

Invictus 2017 - A multisport event



A Football Tournament

A Football tournament by the Khelnayak - The Sports Committee (BBA-MBA) of IM-NU, January 12, 2017

Vidhi Thakkar, a third year B.Arch. student of IA&P-NU has stood 4th in India as a member of the Gujarat state table tennis team in school games nationals, 2nd in the state in School Games held at Rajkot and was the captain of the Ahmedabad team. She even won Gold, Silver and Bronze in Khel Mahakumbh and was awarded by the Ex. CM Shri Anandiben Patel. She has won Gold Medals in PetroCup 2016, DAICT 2015 and 2016, Gold and Silver respectively in GNLU 2015 and 2016, Gold in Shaurya held at IIM-A 2016.



Obituary

Dr. Krishna Pal Malik, Associate Professor and Head Legal Aid Committee and Chairperson, Examination at the Institute expired on April 8, 2017 with multiple organ failure. The IL-NU family pay tribute to Dr. Malik the senior most family member, the finest human being, A man with incredible patience, wisdom, unconditional love for teaching and taught, a man with integrity and honesty, wearing lovely smile always.



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