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Director General's Message

The year 2010 had been eventful throughout, right from various tie-ups to host of national and international events. All involved are acknowledged for the extraordinary efforts put forth towards reaching the desired goal. The journey doesn't end here. We are committed to continuous advancement and achievements.

Innovation always paves the way for pedagogical success.

We need to keep the ball of quality teaching rolling through energizing activities and creative pedagogy. This will help to prevent burnout and stagnation in teaching profession and will certainly enhance teaching excitement. For promoting creative pedagogy, faculty could develop 'concept map' that requires minimal time commitment. It will provide complementary alternative to natural language as a mean of communicating knowledge. Teachers should work on concept maps as visual tool to augment course syllabi (Gaines and Shaw, 1995). This in turn will help students to relate the course objectives and connected material to other aspects of their lives. In addition, such change in the teaching methodology will encourage extra-ordinary bright students to cultivate and actualize their own thought process.

The students on the other hand, should slow down when they enter the campus in order to catch up with the pace of fast moving technology and to have "Can do Spirit" to mark innovation. The time has come for engineers to lead the society by contributing towards the comforts of the common man. The New Year is of course, an occasion to celebrate but at the same time an occasion to plan for the coming year. Let us commit to excel in all the endeavours and realize our aspirations in 2011 and thereafter.

Best wishes,

Dr. N. V. Vasani



Editorial

Dear Readers,

In pursuit of excellence our university has always sought preparedness to take challenges of the contemporary world. It is so because students, Industry and society at large are expecting quality teaching and healthy environment at our campus.

This volume reflects the realization of everybody's expectations in terms of arrays of our outstanding happenings and achievements. The first among them is the collaboration with institutes/industries of International repute that holds mirror to our commitment of imparting knowledge of higher standards. The achievements of faculty and students are in tune with the vision of our university. Apart from organizing various international/national conferences/ seminars/ workshops in multidisciplinary areas, this issue also unfurls glimpses of students interface with industry and exposure to the professional world.

All power is within you and you can do anything and everything. Believe in that.

(Swami Vivekananda)

Enjoy reading!

Dr. Monica Rao

News at a Glance

MoUs Signed

University of Southern California

University of Southern California, USA and Nirma University signed MoU on 26th October, 2010 to work jointly in the field of education, exchange of faculty and students, and collaboration in scientific areas of mutual interest.

Inspiron

IT-NU & INSPIRON will endeavour to contribute in enriching the technical education process and to work jointly for enhancing the quality of education in various engineering disciplines. The objective of MoU is to keep students and faculty of IT-NU & professionals of INSPIRON apprised of the latest developments in the engineering & technology, through training, application know-how, seminars etc.

Dr. Fixit Institute

IT-NU signed MoU with Dr. Fixit Institute of Structural Protection & Rehabilitation, Mumbai, on 22nd November, 2010. It will help for skill up - gradation as well as knowledge dissemination

programmes in the field of maintenance and repair of concrete structures, waterproofing etc. to enrich the technical education process for engineering professionals.

Awards

IM-NU, received Best B-School Leadership Award, 18th Dewang Mehta Business School Awards, 24th November, 2010.

Ranking

IM-NU ranked 14th among Best B-Schools of the country by MaRS [Monitoring & Research Systems], October, 2010.

Initiation

- IS-NU formulated Institutional Ethical Committee (IEC) for screening and evaluation of projects dealing with the use of humans and human samples, October, 2010.
- CO₂ Incubator added to the lab, IS-NU.



MoU Dr. Fixit Institute, IT-NU



MoU_INSPIRON, IT-NU



MoU_University of Southern California, IT-NU



Best B-School Awards, IM-NU

Dignitaries on Campus

Dignitaries Visited

- Dr. Haresh Bhatt, Head, Network & IT Security Division, SAC-ISRO, 10th September, 2010, IT-NU.
- Shri Rajeev Jyoti, Head, Antenna Division SAC-ISRO, 11^w September, 2010, IT-NU.
- Mr. David Nallathambi, Sr. Vice President (Human Resources) Scope International Private Limited, 21st October, 2010, IM-NU.
- Dr Henryk Stermic Zuk, Director of Graduate Programmes, University of New Brun Swick, 6th December, 2010, IM-NU.
- Dr. Jayesh Barve, 10th December, 2010, IT-NU.
- Justice C. V. Jani, 22nd January, 2011, IL-NU.
- Justice Ravi Tripathi, 22nd January, 2011, IL-NU.
- Justice Kalpesh Jhaveri, 21st January, 2011, IL-NU.
- Justice V. Bharavia, 21st January, 2011, IL-NU.
- Dr. Vipul Prakash, Professor, IIT Roorkee IT-NU, February, 2011.



H. E. Williams Nkurunziza, Rwanda High Commissioner, Dr. K. K. Patel, President, NU, Dr. N. V. Vasani, DG, NU, Shri K. K. Patel, COO, NU during visit of President of Ravanda at Nirma University, January, 2011.



Prof Ramesh K. Goyal, VC, M. S. University, Vadodara interacting with faculties, IP-NU, 11th March, 2011, IS-NU

Dignitaries on Campus

Lectures Delivered

- Dr P N Bhagwati, Chairman, Bhagwati Spherocast, "Advances in Foundry Technology" 15th September, 2010, IT-NU.
- Dr. Subramaniam Anantham, Senior Scientist, Santhan Research, "Dopamine Receptor Ligands-Drug for CNS Disorders" Shri K. K. Patel presided over the function, 27th November, 2010, IP-NU.
- Ms. Megha Jani, Advocate, High Court of Gujarat, "Motor Vehicles Act, 1988", 30th September, 2010, IL-NU
- Mr. Greg Weiler, GM & Director, ASQ Asia, "Total Quality Management" 20th October, 2010, IM-NU.
- Hon'ble Justice M. B. Shah, Former Judge Supreme Court of India, "Working of the Consumer Protection Act in India", 14th October, 2010, IL-NU
- Mr. Bhavin Patel, Senior Embedded Engineer, E-Infochips "Device Driver Programming for video and audio applications", 8th October, 2010, IT-NU.
- Prof. Virendra Singh, Professor, IISC, Bangalore "Advances in Testing of VLSI Design", 9th October, 2010, IT-NU.
- Prof. R. N. Mutagi, Scientist, ISRO, "DSP for Communication Systems" " 8th October, 2010, IT-NU.
- Dr Awadesh Kumar, Ex Vice-President, Alpha Projects, "Piping Design" 21st October, 2010, IT-NU
- Mr Rajendra Patel, Manager, Festo Controls, "Pneumatic Circuit Design" 25th October, 2010, IT-NU.
- Mr. Nagesh Nanda, General Manager, Torrent Research Centre, Ahmedabad, "Research and Development", 1st October, 2010, IP-NU.
- Prof. B. S. Munjal Research Scientist, SAC, ISRO "Smart Materials", IT-NU, 16th October, 2010.
- Mr. R. Bala Subramanyam, M.D. Sankara Eye Hopsital, Bangalore "Marketing in Service Industry" , 27th December, 2010,



Dr. Stoyanka Nikolova, University of Plovdiv, Bulgaria "Synthesis of Small Molecules with Potential Biological Activity", 7th September, 2010, IP-NU.



Hon'ble Justice C. K. Thakkar, Judge (Retd.) Supreme Court of India, "Sovereign Immunity", 7th October, 2010, IL-NU



Prof. (Dr.) Yogesh Mehta, former Dean, Law faculty, Saurashtra University, "Defamation in Criminal Law", 22nd October, 2010, IL-NU



Dr. Purvi Shah, Transplant Coordinator, Stem Cyte India Therapeutics, "Umbilical cord blood stem cells- Power to Cure" 8th December 2010, IS-NU.



Dr. Ram Bhat, Chief Scientific Officer, Stem Cyte India Therapeutics, "Advances in Stem Cell Therapies" 8th December, 2010, IS-NU.



Mr. Dushyant Dave, Senior Advocate, Supreme Court of India, "Emerging issues of Legal Profession", 8th January, 2011, IL-NU



Mr. Rajdeep Sardesai, Editor-in-Chief, IBN18 Network, "Media and Governance." 18th December, 2010, IM-NU.

IM-NU.

- Dr. S. C. Sahasrabudhe, Director, DAICT "Trends in signal/image processing" 9th December, 2010, IT-NU.
- Dr. V. M. Gadre., IIT Bombay, "Scalable video coding" 10th December, 2010, IT-NU.
- Mr Ankur Patel, Director, Infotrex Ltd. "Current Trends in Technology" 6th December, 2010, IT-NU.
- Prof. D. P. Kothari, Advisor to Vice chancellor, VIT University "Energy and Environmental Problems Facing the 3rd World and their Probable Solutions" 7th December, 2010, IT-NU.
- Dr. L. Umanand, CEDT, IISc, Bangalore, Digital "Controller Design for Power Electronic Applications", 10th December 2010, IT-NU.
- Dr. Samsul Ekram, Sr. Engineer, Global R&D Centre, Crompton Greaves Ltd., Mumbai "Drives and Automation", 10th December, 2010, IT-NU.
- Prof. M. Gopal, Professor, IIT Delhi, "Reinforcement Learning", 11th December, 2010, IT-NU.
- Dr. K. Gopakumar, IISc Bangalore, "Recent Trend in Multi Level Inverter Fed Induction Motor Drives", 29th December, 2010, IT-NU
- Dr. M. C. Chandorkar, Professor, IIT Bombay, "Machine Dynamic Modeling and Drives" 31st December, 2010, IT-NU.



Professor G S Bajpai, Hon'ble Justice J.N. Bhatt and Prof. Madhav Menon "Plenary Talk", 21st January, 2011, IL-NU



Prof. Dong Soo Shin, Professor, Changwon National University, South Korea, "Pheromones", 8th February, 2011, IP-NU.



Mr. Abhijat Parikh, Patent Attorney, U.S.A., "Drafting and filing the Patent and its Procedure", 5th February, 2011, IL-NU.



Dr. Krishna R. Iyer, Faculty, Bombay College of Pharmacy, "Drug Metabolism & Its Application to Drug Discovery & Development", 25th February, 2011, IP-NU.



Dr. Saranjit Singh, Dean, NIPER, Mohali "Role of academia in drug degradation profiling", 5th February, 2011, IP-NU.



Dr. Sanjay Jha, Professor, Department of Biotechnology, ASPEE College of Horticulture and Forestry, Navsari Agriculture University, Navsari, "Transgenic approaches for development fungal resistance in rice", 10th March, 2011, IS-NU.



Prof. Chaitanya Joshi, Professor & head, Department of Animal Biotechnology, Anand Agriculture University, Anand, "High through put sequencing approaches in genomics and metagenomics", 21st March, 2011, IS-NU



Dr. Desh Deepak Singh, Professor & head, Bio-informatics & Structural Biology Department, Indian Institute of Advanced Research, Gandhinagar, "Bio-informatics: The modern biology Interface", 25th March, 2011, IS-NU



Dr. Moinak Banerjee, Scientist E-II, Human Molecular Genetics Laboratory, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, "Genomics in health and disease. A paradigm shift", 26th March, 2011, IS-NU.

- Mr. Rajesh Ojha, Project Lead, Accenture UK, London, UK "CV Writing and Importance of Communication Skills", 29th December, 2010, IT-NU
- Dr. Ajay Parikh, Professor, Gujarat Vidhyapith, "Introduction to Design Pattern" 14th December, 2010, IT-NU.
- Dr. Gaurang Shah, Head, Bioanalytical Department, Cadila Pharmaceuticals Ltd. "A Comprehensive Approach to Handle Bioanalytical Problem", 14th December, 2010, IP-NU.
- Mr. Nitesh Viramgama, Director, Pharma vision, "Career opportunities in developed countries as a registered pharmacist", 8th January, 2011, IP-NU
- Mr. Sharad Kasid, Scientist, Torrent Research Centre, Ahmedabad, "Use of Laboratory Animals for Pharmacological Research", 22nd January, 2011, IP-NU.
- Mr. Raghuraj Pandya, Design Engineer, ATKINS, London, UK. "Scope of research in tunneling in soft grounds", 18th January, 2011, IT-NU.
- Prof. Jayanth Krishnan, Indiana University [U.S.], "Law Impact Assesment" 22nd January, 2011, IL-NU.
- Mr Bipin Patel, Consultant, Catalysis, Ahmedabad, "Preparation for Campus Recruitment", 7th January, 2011, IT-NU.
- Dr. Bharat Thakkar, Argosy University, Chicago, U.S.A. "Reliability Engineering", 10th January, 2011, IT-NU.
- Mr. Parasharan Chari, Faculty, Endeavour "Study opportunity after B. Tech", 27th January, 2011, IT-NU.
- Dr N Ramakrishnan, Professor, IIT, Gandhinagar, "Manufacturing Automation", 18th February, 2011, IT-NU.
- Mr. Prajose John, Training Manager from E-Infochips, Android Operating Systems, 22nd February, 2011, IT-NU.
- Prof B.I. Bhatt, Consultant, Trouble shooting in a Chemical Industry, 11th February, 2011, IT-NU.
- Mr Ronak Soni, Senior Manager, Alpha Projects Services, Vadodara "Hydrogen Networking", 12th February, 2011, IT-NU.
- Dr V. Ramesh, Professor, D. J. Sanghvi College of Engineering, Mumbai, "Optimisation for Chemical Engineering Applications", 25th February, 2011, IT-NU.
- Dr Upendra Patel, Professor, Dr. Jivraj Mehta Institute of Technology, Anand, "Advanced Wastewater Treatment", 14th March, 2011, IT-NU.
- Shri Rajendra Joshi, a social entrepreneur and founder of a voluntary organization called 'SAATH', 25th February 2011, IM-NU.
- Dr. Rajshree Jotania, Professor, Department of Physics, University School of Sciences, Gujarat University 'Physics- A tool for Engineering', 28th February, 2011, IDS-NU.
- Mr Chetan Jariwala, Scientist, Institute for Plasma Research, Gandhinagar, "Thin Film Processing by Plasma Techniques for Photovoltaic Applications", IT-NU, 22nd March, 2011
- Malathi Kembhavi, SIFE Country Director and Gauri Kamat, Regional Coordinator "The organisation SIFE [Students in Free Enterprise]". SIFE is a global non-profit organization, supporting university students, 8th March, 2011, IM-NU.



Lecture delivered by Dr Micheal Morris

Spiritual Talks

Mr. Rajnikant Bhatt, Ramakrishna Mission, Gandhinagar, "Swami Vivekanand's message to Youth " 20th January, 2011, IDS-NU



Events

10th Convocational address by Dr. Hans J Hoyer

Dr. Hans J Hoyer, Director ASEE, Secretary General IFEEES and Executive Secretary GEDC graced the 10th convocation of Nirma University as Chief Guest on 19th November, 2010. In the address, he congratulated the students on their achievements and familiarized them with the profound philosophy of life through simple ideas. He said that today's organizations are driven by three forces-Customer, Competition and Change. So one needs to focus on customer satisfaction, just try harder approach and passion for learning as key elements to remain in the fast paced world.

He motivated the gathering by citing difference between gifts and choices. In his words, "Cleverness is a gift, kindness is a choice. Gifts are easy—they are given after all. Choices can be hard. You can seduce yourself with your gifts if you're not careful, and if you do, it'll probably be to the detriment of your choices".

He captured the audience's attention by taking them on a journey through 'Time Machine'. While discussing about the past, 100 years back, he gave a glimpse of innovative engineering achievements that transformed human lives in a significant manner. Some of them are: Electricity,

automobile, airplane, electronics, radio and television, agricultural mechanization, computers, telephony, internet, spacecrafts etc. that dramatically improved the way of life.

After that, Dr. Hans led the audience to peep into the future, post 100 years and said that what they see today will not be around in 2110 except in museums. The reason being, the rate of technology which is changing faster than ever before with the help of faster means of communications. He impressed upon the use of technology for the betterment of society not only for materialistic benefits but also leading to bring social justice, equality and dignity to human life.

He also gave ideas to the students about creating new technologies. He said, "New ideas and technologies come from combining older technologies. Engineers need to have information about older technologies and use their creativity to combine them into new technologies. The more the number of existing technologies, the more the possibility of new inventions. Hence, the exponential rate of technological change throughout history. Today the rate is phenomenal".

In his concluding words, Dr. Hans envisaged that since India has enormous talent pool, the country will define its economy in terms of 'Talent Dollars' and will make a huge impact on the world in the coming decades.



Events

Nirma University International Conference on Engineering (NUiCONE)-2010

Institute of Technology, Nirma University, organized its 1st International Conference in Engineering on "Current Trends in Technology", NUiCONE 2010, 9th to 11th December, 2010. NUiCONE 2010 focused on specialized topics in major disciplines of Engineering & Technology. Prof Anil K Gupta, Executive Vice-Chair, National Innovation Foundation unveiled the inaugural ceremony as the chief guest. Dr. Gajanand Sabnis, Professor Emeritus, Howard University, Washington DC was the chief guest during Valedictory function.



Nirma International Conference on Management (NICOM) - 2011

The 14th Nirma International Conference on Management, 2011 (NICOM 2011) held from 6th to 8th January, 2011. The theme of the conference was "Managing in Turbulent Times – Creativity, Innovation, Entrepreneurship, Leadership & Learnings". Mr. Harsh Mariwala, Chairman & Managing Director, Marico Industries Limited inaugurated the conference and the guest of honour was Prof. Rafiq Dossani, Director, Centre for South Asia, Stanford University, USA.



Nirma University Institute of Law Annual National Seminar (NUILANS) -2011

IL-NU organized 1st National Seminar on 21st and 22nd January, 2011 on "Law Impact Assessment". The objective of the National Seminar was to record and discuss particular law/group of subjects working within a particular social setting. Prof. Madhav Menon was the Key-note speaker.



Resumption Resuscitation Programme

Resumption Resuscitation Programme organized at IL-NU. Prof. (Dr) R. Venkata Rao, Vice-Chancellor, National Law

School Bangalore, Advocate Tanvish Bhatt, Senior Advocate K. J. Sethna, Senior Advocate Mr Bhaskar Tanna, Advocate Dr Kamaluddin, Prof. Vidyut Joshi, Prof. Rohit Shukla, Advocate Tushar Mehta, Prof. Dawod Ghanchi were invited for expert lecture during the programme, 3rd and 4th January, 2011.



Two-day National Seminar

Department of Mathematics and Humanities, IT-NU, organized a Two-day National Seminar on Revisiting the Classics: Text, Context and (Re) interpretation, 25th to 26th March, 2010. The Chief guest of the seminar was Prof. A.K.Singh, Convener-Knowledge Consortium of Gujarat, Guest of Honor was Padma Shree Sitanshu Yeshaschandra - an eminent Gujarati Writer, play writer and translator.



National Seminar on Drug Development and Evaluations: PK-PD

Perspective, 11th March, 2011 at IP-NU.



Prof. N. S. Parmar Memorial Lecture series IP-NU

Prof. Chandrakant K. Kokate, Vice-Chancellor, KLE University, Belgaum, Karnataka "What is Ailing Pharmacy Education in India?", at Prof. N. S. Parmar Memorial Lecture series IP-NU, 07th March 2011



1st IL-NU National Moot Court Competition

IL-NU organized two-day National Moot Court Competition, 26th-27th March, 2011. The Ceremony was inaugurated by Hon'ble Mr. Justice A. L. Dave, Judge



Mr. Rodney Ryder, Hon'ble Justice Ravi Tripathi, Hon'ble Justice Mohit Shah, Justice C.K. Thakker, Justice P.P. Bhatt



Gujarat High Court NUALS, Kochi team were the winners of the competition.

11th Executive Diploma Award Ceremony held on 23rd October, 2010, IM-NU

7th Regional Convention, ISTE Gujarat and I-Fest'10-3rd Techno-Management Symposium was organized by IT-NU, 5th -7th October, 2010. Dr.N.R.Shetty, President, ISTE India, Dr.N.V.Vasani, Director General, NU and Prof.Indrajit Patel, Chairman, ISTE Gujarat graced the inaugural function.

Launch of "Swayam Business Clinic" by Shri Chintan Parikh, CMD, Group Ashima and President GCCI, 24th November, 2010, IM-NU.

Workshop / Training Programme / STTPs

- Training programme for 110 employees of "RPG – Raychem" organized by IDS-NU, 20th September to 3rd October, 2010.
- Gujarat NRE Anti-Corruption presentation organised by ISTE student chapter Shri D R Karthikeyan, ex- Director CBI, Shri K Subramnaiam, OSD to CVC, Shri A K Tomar, IGP ATS Chief, Shri Arun Kumar Jagatramka, Head Gujarat NRE coke pvt ltd. and Shri Pratyush Sinha, 7th October, 2010, IT-NU.
- "STAAD-Pro", organized by Department of Civil Engineering, Institute of Technology, Nirma University, December, 2010.
- Four ISTE approved STTPs conducted in the disciplines of Computer Science, Electrical, Electronics & Communication & Mechanical Engineering, 27th December, 2010 to 1st January, 2011, IT-NU.
- Workshop on "Geomatics for Civil Engineers and Planners" IT-NU, January, 2011.
- A two day workshop on 'Modern Instrumentation



Techniques' sponsored by GUJCOST Institute of Pharmacy, Nirma University, 20th – 21st January 2011. Experts from Cadila Pharmaceuticals Ltd., Sun Pharmaceutical Industries Ltd., Torrent Research Centre attended the event.

- Training programme for Technical Associates, M/s Ingersoll Rand I Ltd. Ahmedabad, IT-NU January, 2011.
- A Web Designing on ASP, 21st January, 2011, IT-NU.
- The workshop on 'Interactive Programming and Creative Coding' Under the Title 'Arduino', 22nd January, 2011, IT-NU.
- ISTE approved STTP on "Advances in Automobile Engineering", Institute of Technology, Nirma University, January, 2011.
- Workshop on Group Discussion, Institute of Technology, Nirma University, February, 2011.
- NGO WORKSHOP: A workshop on "Strategising Corporate Social Responsibility, 17th February, 2011, IM-NU. Ms. Reema Nanavati and other functionaries from SEWA, Shri Sukhdev Patel, Managing Trustee, GANATAR, Shri Mahesh Pandya, Managing Trustee, Paryavaran Mitra, Ms. Pankti Jog, JANPATH were the invited speakers in the workshop.
- Training Program on "Enhancing Interdisciplinary Skills" IT-NU, March, 2011.



Prayaag 2010, Prof. C Gopalkrishnan, Director, IM-NU and Prof Niraj Amarnani, IM-NU



In Focus

Globalization and Higher Education

Dr. Manjunath Ghate, I/c. Director, IP-NU

Higher education is about imparting specialized and advanced knowledge to students to prepare them to face professional challenges. In this context, it is pertinent to wonder about the system, the process and the implications of higher education. While master's degree courses introduce the students to the fundamentals of their chosen subject, doctoral programmes enable them to explore the depth ness of the discipline and trigger the creative and innovative aspects. Innovation implies originality and contribution. The end of research is ideally its usefulness to future researchers and society at large.

It is interesting to observe that one of the yardsticks of the success of a university is believed to be the placement of its students in the job market. This trend is ubiquitous. Every university is placed and ranked according to the kind of jobs and salary structures, its students and researchers manage to grab. It is also however dependant on the research facilities and its optimum use. Advancement of knowledge is a direct consequence of the utilization and application of modern technology. On a positive note, the present educational organizations do comprehend the significance of technology, though most of them fail miserably in either using or implementing research facilities. This lacuna is a major reason that has retarded the growth of the higher education sector.

The changing needs of the disciplines have to be apprehended seriously so as to be able to interact on a global platform. The practical questions in a chosen area



have to be reflected on and addressed through scientific thinking. This awareness is an urgent need. With the idea of encouraging research, the DST announces collaborative projects and fellowships to researchers from time to time. These opportunities enable aspirants to update their skills. Globalization has revolutionized the manner in which research and education are perceived. The WTO adopted the GATT agreement so that universities from abroad can enter India. The agreement underlines the fact that transnational education will be a new phase of education. The proposed Foreign Education Providers Act is expected to provide further impetus to the flourishing of foreign education in India.

Talking of doctoral courses and research, they are definitely a distinct category. The researchers are expected to own a

high level of independent thinking. What I mean is that the research themes have to display originality and not copied from the internet or abroad. Research is not an easy path at all. It is necessary for me at this point to clarify that certain research problems like why there is a downturn in an economy is common to all countries, certain issues like a particular type of viral disease is specific to a certain area. The idea is not making monetary profit but eradicate nagging problems. The internet as a major communication medium has transformed the way information is used. There is a heavy dependence on the internet for data. New ways of receiving learning in through e-learning and e-tutoring in higher education are being looked as interesting methods of stimulating interest in the subject. Restructuring curriculum as well as techniques of delivery break monotony and enable students to comprehend their subjects in a better fashion.

Originality and sensitivity to our surroundings are consequential in higher education. Quality cannot come from aping others. Quality is opposed to imitation. Professional scientific courses aim to produce doctors, engineers or pharmacists. In other words they create a fixed category of professionals for a society. Research on the other hand transcends this fixity, in the sense that researchers attempt to understand the transactions between society and the problems that afflict them.

It is extremely important to understand the role of privatization of education in the present world. They are primarily self-financed organizations that are expected to provide quality education. Of course, they require some kind of guidelines and control. They need regulation to avoid burgeoning of institutions that don't confirm to quality.

Independent bodies like NAAC seek to assess the standards of educational organizations. Others bodies like the All India Council for Technical Education (AICTE), the National Council for Teacher Education (NCTE), the Medical Council of India (MCI), the Pharmacy Council of India (PCI) and the others endeavour to improve the quality of education. Accreditation is very important not only for students to be able to identify quality education but also for institutions to be motivated.

Higher education in this context is a desirable knowledge investment with definite societal returns. An obvious aspect to higher education is the interaction between teachers and students. Trends in pedagogy have evolved. Whiteboard and markers have replaced the conventional blackboard and

chalk piece. PowerPoint presentations are considered major teaching aids. However, does a heavy dependence on such aids desirable. To understand a chemical structure, for instance, such presentations could be indispensable but typing and reading out material to students is a strict no-no. That cannot replace a good and rich lecture. In fact, that hampers classroom environment. It is obvious that the present day teachers revitalize their teaching skills. That is an indicator of the quality of higher education. Imparting of knowledge has to be a combination of teaching aids, experience and expertise. In the absence of these, mediocrity is bound to creep into the system.



Staff Corner

Faculty Achievements

- IT-NU bagged five awards during 40th National Convention organized by Indian Society for Technical Education (ISTE), Mepco Schlenk Engineering College, Sivakasi (TamilNadu), 2nd - 4th December, 2010.
- Dr Sanjay Patel, IT-NU, received Best Student Chapter Award, December 2010
- Dr. N. Subramaniam, IT-NU, received 2nd Prize from ISTE National Award for Best M.Tech Thesis in Chemical Engineering, December, 2010.
- Prof. Manjunath Ghate, IP-NU received FIRST PRIZE in Guide category for Rajnibhai V. Patel Competition For Best Thesis at Masters Programme (State level Competition) in the area of Medicinal Chemistry sponsored by Troikka Pharmaceuticals and foundation for MSME clusters & supported by Department of Science & Technology (DST), New Delhi, 2011.
- Dr. P. N. Tekwani, IT-NU, received Best-Engineering Teacher award by IEI Young Engineer Award, Jabalpur, November, 2010.
- Prof. A. P. Vyas, IT-NU, M. Tech. Project co-guided and won the ISTE-IPCL National award for best M. Tech. Thesis (2nd rank) in Chemical Engineering for the year 2010 "Stereospecific Polymerization of 1,3-butadiene in an Environment Friendly Solvent: Kinetic Studies", January, 2011.
- Mr. Kuntal Manna and Dr. Hardik G. Bhatt, IP-NU secured third position in "Myriad", a Nanotechnology based model designing competition, Institute of Research and Development, Gujarat Forensic Science University, Gandhinagar, 29th November, 2010.
- Prof Tejal Mehta, IP-NU secured second prize in Guide category for Rajnibhai V. Patel Competition for Best Thesis at Masters Programme sponsored by Troikka Pharmaceuticals and foundation for MSME



Prof Madhuri Bhavsar, IT-NU, received Best Faculty chapter award, December 2010



Dr Rajesh N. Patel, Professor, IT-NU, received Charutar Vidya Mandal award for Best Engineering Teacher, December 2010.



Dr. Urmil Dave, IT-NU, received 1st Prize from ISTE National Award for Best M.Tech Thesis in Civil Engineering, December 2010.



Dr. Bhoomika Patel, IP-NU received award for the best poster presentation in the 4th World Congress, International Academy of Cardiovascular Sciences Vadodara, 1st - 3rd February, 2011.



Ms. Shraddha Bhadada, IP-NU received N. S. Dhalla Young Scientist Award for Basic Sciences in 4th World Congress, International Academy of Cardiovascular Sciences, Vadodara, 1st - 3rd February, 2011



Mrs. Parna Mukharjee, IL-NU won the 1st prize for best faculty paper presentation "Impact and Efficacy of the EIA norms in India", NUI LANS, Ahmedabad, 22nd January, 2011



Mr. Kuntal Manna and Dr. Hardik G. Bhatt, IP-NU received best poster presentation award "Calixarene-Based Prodrug Synthesis and Evaluated for Colon Targeted Anti-Inflammatory and Antibacterial Activities" 1st International conference on Forensic Nanotechnology, Institute of Research and Development, Gujarat Forensic Science University, Gandhinagar and Gujarat Council 25th - 26th March, 2011.

clusters & supported by Department of Science & Technology (DST), New Delhi.

- Dr. Chetna Chauhan, IDS-NU, won 1st prize in teachers category for best research paper presentation in Gujarat Science Congress-2011, 26th and 27th February, 2011 for paper presentation 'The Structural, Thermal, Magnetic and Dielectric Properties of Barium Calcium Hexa ferrite Prepared by Water-in-oil Reverse Micelle and Co-precipitation Techniques'.
- Dr. Monica Rao, IL-NU won the 2nd prize for best paper presentation "Impact Assessment of Care Giving Mechanism for Elderly Women", NUI LANS, Ahmedabad, 22nd January, 2011.
- Dr. Chetna Chauhan, IDS-NU, won 2nd prize for the best research paper presentation, Science Excellence 2010, 8th January, 2011.
- Prof. (Dr.) Vimal Kumar, IP-NU appointed as Joint Secretary of Indian Society of Pharmacognosy for three years, 2011
- Prof. (Dr.) Vimal Kumar, IP-NU appointed as member of Editorial Board for the International Journal "Journal of Scientific Speculations and Research" 2011.

- Prof. (Dr.) Vimal Kumar, IP-NU chaired scientific session at the First International Conference of the Society of Pharmacognosy being jointly organized by KLE University, Belgaum and Indian Council for Medical Research (ICMR), 19th February 2011.



- Dr. Shital Bariya, IP-NU appointed as editorial board member, International Journal of Drug Formulation and Research (IJDFR), 2011.
- Dhaivat C. Parikh, IP-NU awarded Consolation Prize (Merit Award) for Research Poster on "Formulation Development of Gastroretentive Drug Delivery System For Cinnarizine : In Vitro and In Vivo Investigations", 11th International Symposium of CRS-Indian Chapter, Mumbai on 16th - 17th February 2011.



Faculty Recognitions

- Dr. Shital Bariya, IP-NU recognized among 2000 outstanding intellectuals of the 21st century International Biographical Centre, Cambridge, England, 2011.
- Prof. Manjuanth D. Ghate, IP-NU appointed as member of the Drug Advisory Board, Gujarat State
- Dr. Sriram Seshadri, IS-NU listed in "Marquis Who's Who in Science and Engineering 2011-2012 (11th Edition), December 2010.
- Ms. Asha Verma, IL-NU elected as Council Member of Indian Adult Education Association, New Delhi for the second consecutive term.
- Dr. Shalini Rajkumar, IS-NU appointed as Reviewer for Journal of Ecology and Natural Environment, November, 2010.
- Dr. Sriram Seshadri, IS-NU appointed as Reviewer for Journal of Cancer Therapeutics and Research; Ecotoxicology and Journal of Medicinal Plants Research and African Journal of Biotechnology, November 2010.



- Mr. Vijay Kothari, IS-NU appointed as a reviewer, Tata-McGraw Hill Publishers, November 2010.
- Prof. Nimish Shah, IDS-NU invited as a reviewer, 'Journal of Applied Polymer Science'
- Vivek Vyas, IP-NU recognized as a reviewer of Medicinal Chemistry Research (Springer Publication).
- Dr. P. N. Tekwani, IT-NU nominated as reviewer for "9th International Power and Energy Conference (IPEC 2010)" Suntec Singapore International Convention & Exhibition Centre, Singapore, October, 2010
- Dr. D. K. Kothari, IT-NU appointed as paper reviewer in 3rd International Symposium on Optical Engineering and Photonic Technology : OEPT 2010
- Prof. Rajesh Jain, IM-NU, appointed as reviewer "SDM IMD Journal of Management", Mysore.
- Prof. Pawan K. Chugan, IM NU, appointed as reviewer 13th International Conference to be organized by Global Business and Technology Association (GBATA), State University of New York, at Old Westbury on theme of "Fulfilling the Worldwide Sustainability Challenge: Strategies, Innovation, and Perspectives for Forward Momentum in Turbulent Times" at Istanbul, Turkey.

- Prof. Pawan K. Chugan, IM NU, appointed as reviewer, book "Service Science Research, Strategy and Innovation: Dynamic Knowledge Management Methods" Edited by N. J. Delener, Dean, State University of New York, at Old Westbury, USA.
- Dr. Shital Bariya, IP-NU nominated for editorial board member, "International Journal of Drug Formulation and Research (IJDFR)".
- Prof. Vimal Kumar, IP-NU nominated as Associate Editor of "Journal of Pharmaceutical Education and Research", (JPER).
- Prof. Usha Mehta, IT-NU, chaired the session, Asia Pacific Conference, Malaysia, 6th December 2010.
- Prof. Vimal Kumar, IP-NU chaired the Scientific Session, "Convention of Society of Pharmacognosy on Herbal Standardization and Analytical Pharmacognosy", KCIPS, Himachal Pradesh, 13th November, 2010.
- Prof. Vimal Kumar, IP-NU chaired the Scientific Session as co-chairperson, "International Conference on Folk and Herbal Medicine", University College of Science, Mohanlal Sukhadia University, Udaipur, 25th November, 2010.
- Prof. Pawan K. Chugan, IM-NU, selected as Editorial Board Member, "Monthly Journal – Advances in Management", Indore.
- Prof. Deepak Srivastava, IM-NU, elected as Editorial Board Member, Asian Journal of Case Research, Graduate School of Management (GSM), University Putra Malaysia.
- Prof. Sarat Dalai, IS-NU selected as expert member in Gujarat State Biotechnology Mission (GSBTM) Review Board, February, 2011.
- Dr. Sonal Bakshi, IS-NU selected as member in Zyduz Research Center, Ahmedabad, January, 2011.
- Dr. Sriram Seshadri, IS-NU appointed as core reviewer in Omics Publishing Group, USA, Reviewer, Journal of Infectious Diseases, Journal of Cell Science & Therapy, Journal of Cancer Science & Therapy, International Journal of Cell and Animal Biology, Indian Journal Medical Research, Journal of Ecotoxicology and Journal of Physiology, February, 2011, IS-NU.
- Mr. Vijay Kothari, IS-NU appointed as reviewer in Archives of Clinical Microbiology, January, 2011.
- Priyanka sharma, IT-NU, selected as a reviewer of IEEE Associated "3rd International Conference on Machine Learning and Computing (ICMLC 2011)" at Singapore, January-2011.
- Prof Priyanka Sharma, IT-NU, selected as a reviewer of International Journal of Engineering and Technology (IJET), January, 2011.
- Prof. Dhaval Pujara, IT-NU, paper reviewer in International Conference "Information, Signal and Communication", A. D. Patel Institute of Technology, New V. V. Nagar, February, 2011.
- Prof. Usha Sandep Mehta, IT-NU, reviewer for peer reviewed and highly cited Anaheim, California, March, 2011.

Publications in Journals / Magazine

- Dhara Patel, Komal Desai, Deepmala Lawani, Vijay Kothari (2010), IS-NU "Aeromonas hydrophila: A Challenging Food Borne Pathogen", International Journal of Life Sciences and Technology, 3(4):39-43.
- Manjunath Ghate, Vivek Vyas, IP-NU, "Substituted Benzimidazole Derivatives as Angiotensin II -AT1 Receptor Antagonist: A Review", Mini-Reviews in Medicinal Chemistry, 2010, 10, 1366-1384.
- Manjunath Ghate, Vivek Vyas, Ravikumar Ukawala, IP-NU, "Recent Advances in Characterization of Impurities-Use of Hyphenated LC-MS Technique", Current Pharmaceutical Analysis, 2010, 6, 299-306.
- Harshit Pandya, Hiren Berawala, Deepak Khatri, Priti Mehta, IP-NU, "Spectrofluorimetric estimation of Salbutamol sulphate in different dosage forms by formation of inclusion complex with P-cyclodextrin", Pharmaceutical Methods, October-December 2010, 49-53.
- H. G. Bhatt, K. Manna, IP-NU, "Histamine H4 Receptor: A Novel Therapeutic Target for Immune and Allergic Responses", Mini Reviews in Medicinal Chemistry, 2010, 14, 1293-1308.
- Shital Bariya, IP-NU "Hydromellose and Polyethylene Oxide: Comparative Formulation Design of Triple Layer Tablets" in Journal of Pharmacy Research, Vol 3(9), 2223 - 2227, 2010.
- Pathik Shah, IDS-NU, "Selective sorption of heavy Metal Ions from aqueous solutions using M-cresol based chelating resin and its analytical applications", Iranian

Journal of Chemistry and Chemical Engineering' Vol. 29(2), pg 47-56, October, 2010.

- S. G. Desai, IDS-NU, "Managing ERP implementation issues by understanding SCM", SCI-TECH Research Volume I, Issue II, ISSN: 0974-9780, page no: 15- 18, September 2010.
- Purvi Pokhariyal, IL-NU, "Protection of Trade Secrets and Confidential information under TRIPS: An Unfinished Agenda for India", Journal of the Faculty of Juridical Sciences, 2011.
- Rajesh Jain, IM-NU, "Total Quality Management Implementation in Emergency Services", Atharva Journal of Management, Mumbai, Vol-2, No-2, pp. 14-20, 2010.
- Kshamanidhi Adabar, IM-NU "Convergence in Human Development in India", Journal of Regional Symbiosis, volume 18, 2010, Institute for Regional Development Studies, Kanpur, India.
- Nina Muncherji, IM-NU and Hardik Shah "Fatigue & Job Satisfaction Among Healthcare Professionals: ssues, Challenges & Strategies", Nirma University Journal of Business and Management Studies, Vol 4. No. 1 & 2, July-December.
- Tanish Zaveri, IT-NU, "Novel Hybrid Multispectral Image Fusion Method using Fuzzy Logic", International Journal of Computer Information Systems and Industrial Management (IJCSIM), ,Vol. 2, pp. 96-103, February 2010.
- Paresh V. Patel, IT-NU, "Vulnerability Assessment of Buildings Through Rapid Visual Survey using GIS: A case study of Gandhidham city" International Journal of Recent Trends in Engineering, Vol. 3, No. 5, pp 40-45, May 2010.
- Usha Mehta, IT-NU, "Modified Selective Huffman Coding for Optimization of Test Data Compression, Test Application Time and Area Overhead" International Journal of Electronics Testing: Theory and Application (JETTA), Volume 26, Number 6, December 2011, pp. 679-690. (26:679-688, December 2010).
- N. P. Gajjar, IT-NU, "Design of Partially Reconfigurable Arithmetic Co Processor", International Journal Of Computer Applications In Engineering, Technology And Sciences (IJ-CA-ETS), (ISSN: 0974-3596| Oct'10 – March '11| Volume 3 : Issue 1), October 2010.
- Sumitra Menaria, Sharada Valiveti and K Kotecha, IT-NU, "Comparative Study of Distributed Intrusion Detection in Ad Hoc Networks", International Journal of Computer Applications, October 2010.
- Dr. Chetna Chauhan, IDS-NU 'The Microscopic Magnetic Properties of W-type Hexaferrite powder prepared by sol-gel route' conference proceedings of American Institute of Physics with ISBN no. 978-0-7354-0868-5 volume no.1313 in the proceeding of PEFM-2010 in Dec.2010.pp 87-89.
- Dr. Chetna Chauhan, IDS-NU, 'Physical Property of Magnesium doped Barium Hexaferrite Particles prepared by citrate precursor route in presence of surfactants', American Institute of Physics conference proceedings, ISBN no.978-0-7354-0868-5 volume no.1313
- Dr. Manish Solanki, IDS-NU, "Synthesis of some novel 1,3,4- oxadiazole and anti- bacterial and anti- fungal activity" in International Journal – Scholars Research Library, Der Pharma Chemica, 2011, 3(1): 280- 285.
- Prof. S.G.Desai, IDS-NU "Readymade Garments Retail Business in India: A Case Study of Pantaloon Retail (India) Ltd." International Journal of Computer Science and Information Technology, Vol-3, No. 2, pp197-199 with ISSN: 0974-8385
- Manjunath Ghate, IP-NU, Synthesis and Oral Hypoglycemic Activity of 3-[5'-Methyl-2'-aryl-3'-(thiazol-2''-yl amino)thiazolidin-4'-one] coumarin Derivatives, E Journal of Chemistry, 2011, 8(1), 386-390.
- Vimal Kumar, IP-NU, Carbon Nanotubes: A New Line to Drug Delivery, The Pharma Review, Feb. 2011, Page No. 75-80.
- Ronak Shetty and Dr. Shalini Rajkumar, IS-NU, Biosorption of Cr (VI) by metal resistant bacteria from industrial effluent, Asian Journal of Water, Environment and Pollution, 8 (1), 87-94, 2011.
- Dr. Sriram Seshadri, IS-NU, Ankit Kumar Jain and Bandish Kapadia, Preliminary Investigation for a Potential Ameliorative Role of Methanolic Extract of Leaves of Polyalthia longifolia and Trigonella foenum and Seeds of Murraya koenigii on Lindane Treated Male Rats, Inventi Rapid: Ethnopharmacology, 2(1) 59-65, 2011.
- Vijay Kothari, IS-NU, In vitro antibacterial activity in seed extracts of Phoenix sylvestris Roxb (Palmae), and Tricosanthes dioica L (Cucurbitaceae) Current Trends in

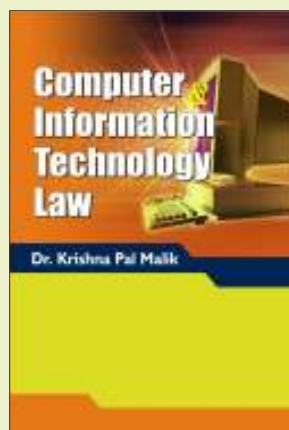
Biotechnology & Pharmacy,
4(5):993-997, 2011.

- Dr R N Patel, IT-NU, "Extraction of Cardanol and Phenol from Bio Oils Obtained through Vacuum Pyrolysis of Biomass using Supercritical Fluid Extraction", International Journal, ENERGY, in No 3329 2011.
- Dr. P. R. Patel, IT-NU, "Monitoring land subsidence over a shallow gas reservoir in India using GPS in IAHS Land Subsidence, Associated Hazards and the Role of Natural Resources Development, IAHS, Publ. 339, 2010, 352-357.
- Dr. Nagendra Gajjar, IT-NU, "Design of Partially Reconfigurable", International Journal of Technology Computer Applications in Engineering, Technology and Science (IT-CA-ETS), Vol. 3 Issue-1 Oct'10-March 11 pp 235-239.
- Prof. Jaiprakash V. Verma and Prof. Sapan H. Mankad, IT-NU, "Smart Inbox: A comparison based approach to classify the incoming mails", International Journal of Artificial Intelligence and Knowledge Discovery, Vol 1, No 1 (2011), pp 25-28.

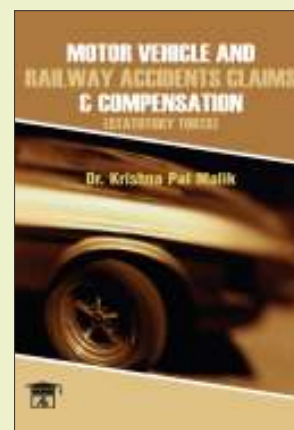
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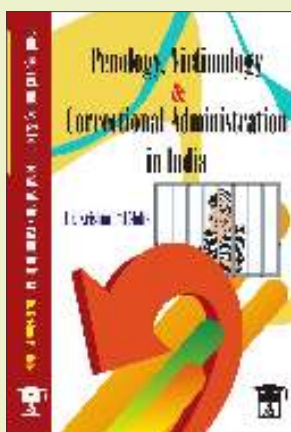
Sriram Seshadri, IS-NU, "Reversal of Pseudomonas infections by plant extracts", LAP Lambert Academic Publishing GmbH & Co. KG (Germany), ISBN 978-3-8433-5404-2, 2010.



Dr. Krishna Pal Malik, IL-NU, "Computer and Information Technology Law", Allahabad Law Agency, Faridabad, October, 2010.



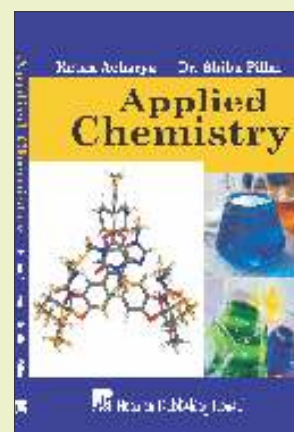
Dr. Krishna Pal Malik, IL-NU, "Motor and Railways Accident : Claims and Compensation" (Statutory Torts), Allahabad Law Agency, Faridabad, November 2010.



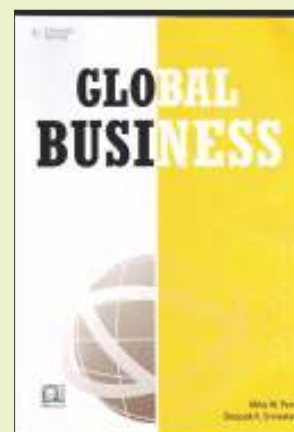
Dr. Krishna Pal Malik, IL-NU "Penology, Victimology and Correctional Administration in India", Allahabad Law Agency, Faridabad.



Dr. Krishna Pal Malik, IL-NU "Law and Social Transformation", Sanket Law House, Ahmedabad.



Prof. Ketan Acharya, IDS-NU and **Dr. S. G. Pillai** IT-NU, "Applied Chemistry", October 2010.



Prof. Deepak Srivastava, IM-NU, "Global Business", South Western Cengage Learning, USA.





Papers Presented in International Conference

- Prof S V Jain, IT-NU, "CFD Approach for Prediction of Efficiency of Francis Turbine", International conference, IIT Roorkee, 21st -23rd October, 2010.
- Prof. Vaibhav Shah, IT-NU, "Multi layer Voices: A Study of Bakhtin's Heteroglossia and Polyphony in Orhan Pamuks' Snow", Banaras Hindu University, Varanasi, 9th - 11th November, 2010.
- Prof Madhuri Bhavsar, IT-NU, "Analysis of MultiAgent Based Interactive Grid Using Formal Methods - A Reliable Approach", IEEE International conference on Emerging Trends in Engineering & Technology, BTTS, PILANI, Goa, 19th – 21st November, 2010.
- Dr. Vikas Raval, IT-NU, "Language learning with virtual worlds" Asia CALL, Vallabh Vidyanagar, 29th November - 1st December, 2010.
- Prof.Usha Mehta, IT-NU, "Combining Unspecified Test Data Bit Filling Methods and Run Length Based Codes to Estimate Compression, Power and Area overhead", IEEE Asia Pacific Conference on Circuits and Systems 2010 at Kaula Lumpur, Malaysia, 6th – 9th December, 2010.
- Dr Dipak M Adhyaru, IT-NU, "Adaptive Neuro-Fuzzy Inference System Based Control of Robotic Manipulators", International Conference, Singapore, (ICMET 2010) 10th – 12th September, 2010.
- Prof. Tanish Zaveri, Mukesh Zaveri, Ishit Makwana, IT-NU, "An Optimized Region-based Color Transfer Method for Night Vision Application," 3rd International Conference on Signal and Image Processing (ICSIP) RMD College, Chennai, 15th – 17th December, 2010.
- Prof. Sharadkumar P. Purohit, IT-NU, "Seismic Response Control of a Building using MR Damper with Optimal Static Output Feedback and Instantaneous Optimal State Feedback Control of Seismic Response using MR Dampers", 17th International Congress on Sound and Vibration (ICSV17) VETOMAC-VI International Conference on Vibration Engineering & Technology of Machinery Cairo, Egypt, 18th – 22th July 2010 & IIT Delhi, India – 13th -15th December 2010.
- Prof. Dhaval Pujara, IT-NU, "Improving the cross-polar performance of an offset parabolic reflector antenna over a wide bandwidth", Sixth International Conference on Radio Science, ICMARS, Jodhpur, 14th – 17th December, 2010.
- Prof. Mehul R. Naik, IT-NU, "Designing Wideband Voltage Controlled Oscillators for Software-Defined Radio in ICECS 2010", 17th IEEE International Conference on Electronics, Circuits, and Systems, Athens, Greece, 12th -15th December, 2010.
- Dr. P. N. Tekwani, IT-NU, "Multi-level inverter for induction motor drives: Implementation using reversing voltage topology, IEEE. International Conference on Power and Energy (IPEC 2010) Suntec International Convention Centre, Singapore, 26th -29th October, 2010.
- Prof. Sharada Valiveti and Dr K Kotecha, IT-NU, "Non Repudiation in Ad Hoc Networks", MANET 2010 Jeju Islands, Korea 13th -15th December, 2010.
- Prof. Mikita Talati, Prof. Sharada Valiveti and Dr K Kotecha, IT-NU, Trust based Routing in Ad Hoc Networks FGNC 2010, Jeju Island, Korea, 13th -15th December, 2010.
- Prof. Pimal Khanpara, Prof Sharada Valiveti and Dr K Kotecha, IT-NU, "Routing in Ad Hoc Networks using Ant Colony Optimization" FGNC 2010, Jeju Island, Korea, 13th -15th December, 2010.
- Prof. S V Jain, Prof. V J Lakhera, IT-NU, "CFD based flow analysis of Centrifugal pump", 37th International Conference, IIT Madras, Chennai, 16th – 18th December, 2010.
- Prof. Amit K. Parikh, IT-NU, "Solution of Boussinesq's equation in ground water infiltration phenomenon by perturbation technique", International meet 55th Congress STAM, NIT, Hamirpur (Himachal Pradesh) 18th – 21st December, 2010.
- Prof. Pratima Singh, IT-NU, "Community based Reconstruction and Rehabilitation: A Case of earthquake affected disadvantaged group in rural Kutch, India", Chengdu, Sichuan province, China, Septmber, 2011.
- Prof. Leena V. Bora, IT-NU, "Novel Geothermal Power Plant operating on Kalina Cycle", University of Rajasthan, Jaipur, December, 2010.
- Prof. Neha Patni, IT-NU, "Feedstocks, Production and Benefits of Biodiesel", University of Rajasthan, December, 2010.
- Prof. Neha Patni, IT-NU, presented poster, "Energy use and possible changes in our lifestyle to meet the energy need of tomorrow", ICRE-2011, CNER, University of Rajasthan, December, 2010.
- Prof. Dhaval G. Shah and Prof. Bhupendra D. Fataniya, IT-NU, "Audio Compression Using Logarithmic approach



- for PSNR Enhancement”, International Conference on Information, Signal and Communication, A. D. Patel Institute of Technology, New V.V.Nagar, Gujarat, February 2011.
- Dr. P. R. Patel, IT-NU, “Estimation of Uniaxial Compaction Coefficient from GPS Measured Subsidence, Geospatial World Forum 2011, Hyderabad Convention Centre, Hyderabad, January, 2011.
 - Prof. Jaiprakash V. Verma and Prof. Sapan H. Mankad, IT-NU, “Smart Inbox:A comparison based approach to classify the incoming mails”, International Conference on Advanced Computing & Communication Technologies, R G Education Society, Rohtak, Harayana, January, 2011.
 - Prof. Nimish Shah, IT-NU, “Modified Drug Delivery and Role of Polymer”, Indo–Australian Conference of Biomaterial, Tissue Engineering and Drug Delivery System, Sardar Patel University, Vallabh Vidhyanagar, February, 2011.
 - Prof. Bhupendra Fataniya, IT-NU, “Implementation of cost Effective IR based Touch Screen in Information, Signal and Communication”, A. D. Patel Institute of Technology, New V V Nagar, February 2011.
 - Prof. Usha Sandeep Mehta, IT-NU, “Test Data Compression Technique Using Artificial Intelligence RASDAT-2011”, IIT Madras, February 2011.
 - Prof. Amisha P Naik, IT-NU, “A Novel OTA and FVF based second generation current conveyor”, Thakur College of Engineering and Technology, Bombay, February, 2011
 - Lipi K. Chhaya, IDS-NU, “Role of cognition, creativity and ordinary thinking in technology revolution” at an International conference on 'Cognition, creativity and experience', IIT Gandhinagar 29th - 31st October, 2010.
 - Parna Mukherjee, IL-NU, “EIA Scams: Decaying the EIA Legal Regime in India”, '3rd International Congress of Environmental Research' (ICER-10), University of Mauritius, Reduit, Mauritius, 16th - 18th September, 2010.
 - Vimal Kumar, IP-NU, "Supercritical Fluids Technology in New Herbal Drug Discovery" in the “International Conference on Folk and Herbal Medicine” being organized by University College of Science, Mohanlal Sukhadia University Udaipur on 26th November, 2010.
 - D. R. Mandvia, IDS-NU, "Mechanical and Thermal properties of Styrene Acrylonitrile (SAN) copolymer and Chlorinated Polyethylene (CPE) Blends" 11th International conference on MACRO 2010 Frontiers of Polymers & Advanced materials organized by IIT, Delhi and Society of Polymer Science, Pune at India Habitat Center, Delhi, 15th - 17th December, 2010.
 - Hardik G. Bhatt, IP-NU, “Microwave Irradiated Solid Phase Synthesis, SAR and Immunosuppressive Activity of Substituted Quinoline-4-Carboxylic Acid Derivatives”, 'Practical Applications of Modern Tools in Organic Synthesis and Purifications' at IICT, Hyderabad, 21st – 25th November, 2010.
 - Kuntal Manna, IP-NU, “Solid Phase Synthesis of SiO₂ Bounded Calixarene Tiny Monolayer and Its Biomedical Applications”, 'Practical Applications of Modern Tools in Organic Synthesis and Purifications' at IICT, Hyderabad, 21st – 25th November, 2010.
 - Dr. Shalini Rajkumar, Dr. Nasreen Munshi and Dr. Mili Das, IS-NU “Writing Research Proposals” Organized by Indian Institute of Advanced Research (IIAR), Gandhinagar and Gujarat State Biotechnology Mission (GSBTM), Govt. of Gujarat, Gandhinagar, 3rd – 4th February, 2011.
 - Dr. Sriram Seshadri, IS-NU presented poster, International Conference, Molecular Medicine-2011, CHARUSAT, Changa, 9th – 11th January, 2011.
 - Dr. Sriram Seshadri, IS-NU, International Conference Frontiers in Reproductive Biotechnology & 21st Annual Meeting of the Indian Society for the Study of Reproduction & Fertility, NDRI, Karnal, 9th – 11th February, 2011.
 - Dr. Nasreen Munshi, IS-NU International Conference Molecular Medicine-2011, CHARUSAT, Changa, 9th –11th January, 2011.
 - Dr. Amee Nair, IS-NU International Conference, "Metabolic Signaling in Brain in Health and Diseases" School of Life Sciences, University of Hyderabad, Hyderabad, 7th - 9th January, 2011.
 - Ms. Asha Verma, IL-NU, “Impact of Science and Technology on Criminal Investigations”, International Conference on Science , Technology and Society", Christian College Indore, sponsored by Madhya Pradesh Council of Science and Tehnology , Bhopal and International Sociological Association, March 13, 2011.
 - Mrs. Parna Mukherjee, IL-NU, “Implementation of EIA Norms in India : Challenges and Pitfalls” in South Asian Conference on Contemporary Environmental Perspectives, Hidayatullah National Law University, Raipur, 25th-26th March, 2011.

Expert Lectures Delivered by Faculty

- Prof. Sari Mattila, IM-NU, "Strategic Management of Intellectual Capital and Organizational Knowledge (SMICOK)" IIM Ahmedabad, September 2010.
- Prof. (Dr.) Purvi Pokhariyal, IL-NU, "Key issues and challenges in Court and Case Management of Civil Litigation", 'Court Management, Judicial Planning and Judicial and Public Administration', 25th November, 2010.
- Prof. (Dr.) Purvi Pokhariyal, IL-NU, "Critical Analysis of role of Civil Court vis-à-vis Arbitration and Conciliation Act, 1996 and Arbitration Act, 1940 and jurisdictional issues thereon", 'Civil Justice and Adjudication', 2nd - 8th December, 2010.
- Prof. (Dr.) Purvi Pokhariyal, IL-NU, "Basic outline of the statutes operating in the sphere of intellectual property rights", 'Civil Justice and Adjudication', 3rd - 9th December, 2010.
- Dr. Nitin Merh, IM-NU, "Optimal Model Design of Artificial Neural Networks for Time Series Forecasting in Indian Context" 15th Annual Conference of Gwalior Academy of Mathematical Sciences, Mohyal Education and Research Institute of Technology, New Delhi, 12th - 14th December, 2010.
- Prof. Sameer Pingle, IM-NU, "Human Resource Management in Diploma HRM programme" Ahmedabad Management Association, October-November 2010.
- Prof. Arvind Brahmabhatt, IM-NU, "Essentials of ideal research" The Department of Business Studies, Sardar Patel University, 2nd December, 2010.
- Prof. Nina Muncherji, IM-NU, "Self Effectiveness", Training Session for Indian Air Force Personnel, Vadsar Base, 22nd December, 2010.
- Prof. G. Naresh Kumar, IS-NU, "Central Dogma" in GSBTM sponsored 2nd SIX-Days Crash workshop organized by N. V. Patel College of Pure & Sciences, 15th November, 2010.
- Prof. G. Naresh Kumar, IS-NU, "Biochemical and Genetic Aspects of Phosphate Solubilization in Rhizobacteria" at the SAARC Workshop on Bio-Fertilizers organized by The Energy Research Institute, New Delhi, 23rd December, 2010.
- Mr. Vijay Kothari, IS-NU, "Plant Antimicrobials at GSBTM sponsored", 'National Conference on Current Developments in Microbial Technology', 2nd January, 2011.
- Prof. (Dr) Purvi Pokhariyal and Dr Kiran Gardner, IL-NU, International Conference on "Themes of Higher Education-Prospects of Gujarat" held on 25th - 26th November 2010 at PDPU Gandhinagar.
- Mr. Rhishikesh Dave, IL-NU, "Relation between Human Rights Law and International Humanitarian Laws: A Jurisprudential and Normative Approach", Conference on International Humanitarian Laws organized by All India Law Teachers Congress in collaboration with The International Committee of the Red Cross at Indian Society of International Law, New Delhi, 27th November, 2010.
- Ms. Bindiya Soni, IL-NU, "Emerging Ecosystem for Entrepreneurship with a special reference to finance, K. P. Patel School of Management and Computer Studies, Kapadvanj, 18th September, 2010.
- Ms. Asha Verma, IL-NU, "Impact Assessment of PCPNDT Act", NLIU-UNFPA Project- PC & PNDT Act Implementation Strengthened through Capacity Building and Sensitization of Judicial Officers and Legal Professional in Madhya Pradesh", at National Law Institute University, Bhopal (MP), 18th December, 2010.
- Prof. S. G. Desai, IDS-NU 'Transforming Critical Logistics operation of SCM: A Simple Practical Approach.' at seminar on 'Dynamics of Distribution and Supply Chain Management' February 8th - 10th, 2011, Sinhgad Institute of Management, Pune.
- Prof. (Dr.) Anuradha K. Gajjar, IP-NU "Supercritical Fluid Chromatography: A Futuristic Technique", Baroda College of Pharmacy, Baroda 2nd December, 2010.
- Dr. Bhumika M. Patel, IP-NU 'Trends in Pharmacological Research' Baroda College of Pharmacy, Vadodara, 3rd - 4th December, 2010.
- Prof. (Dr.) Vimal Kumar, IP-NU "Advanced Techniques in Identification & Standardization of Phytochemicals of Therapeutic Importance", Indukaka Ipcowala College of Pharmacy, New Vallabh Vidyanagar, 11th March, 2011.
- Dr. Priti J Mehta, IP-NU, 'Near Infra red spectroscopy-Future perspective in Pharmaceutical field', Sardar Patel University, Gujarat, 18th March 2011.
- Prof. (Dr.) Tejal A. Mehta, IP-NU, "Biorelevant Dissolution Media", Baroda College of Pharmacy, Baroda, 29th November, 2010.
- Dr. Shalini Rajkumar, Dr. Nasreen Munshi and Dr. Mili Das, IS-NU "Writing Research Proposals" Organized by Indian Institute of Advanced Research (IIAR), Gandhinagar and Gujarat State Biotechnology Mission (GSBTM), Govt. of Gujarat, Gandhinagar, 3rd - 4th February, 2011.

- Dr. Sriram Seshadri, IS-NU presented poster, International Conference, Molecular Medicine-2011, CHARUSAT, Changa, 9th–11th January, 2011.
- Dr. Sriram Seshadri, IS-NU presented poster, International Conference Frontiers in Reproductive Biotechnology & 21st Annual Meeting of the Indian Society for the Study of Reproduction & Fertility, NDRI, Karnal, 9th–11th February, 2011.
- Dr. Nasreen Munshi, IS-NU International Conference Molecular Medicine-2011, CHARUSAT, Changa, 9th–11th January, 2011.
- Dr. Ameer Nair, IS-NU International Conference, "Metabolic Signaling in Brain in Health and Diseases" School of Life Sciences, University of Hyderabad, Hyderabad, 7th - 9th January, 2011.
- Mr. Vijay Kothari, IS-NU research paper at "National Conference on Current Developments in Microbial Technology" sponsored by Gujarat State Biotechnology Mission (GSBTM), Govt. of Gujarat, Gandhinagar, held at M. G. Science College, Ahmedabad, on 2nd January 2011.
- Prof. G. Naresh Kumar, IS-NU "New Frontiers and Challenges in Biology" Krantiguru Shyamji Krishna Verma Kachchh University, Bhuj, 19th January, 2011.
- Prof. G. Naresh Kumar, IS-NU "Enzymes" Sheth M. N. Science College, Patan, 24th February, 2011.
- Dr. Shalini Rajkumar, IS-NU "Genetic Engineering for crop improvement: Prospects and constraints", Crop Care Federation of India (CCFI), Agrochemicals Manufacturers' Association of India (AMAI) and All India Biotech Association (AIBA), 25th – 26th February, 2011.
- Dr. Sonal Bakshi, IS-NU, "Cell culture techniques and media preparation" at "GenDioT- a workshop on Genetic Diagnostics" held at Department of Zoology, Gujarat University 'organized by the Gujarat State Biotechnology Mission (GSBTM), Govt. of Gujarat, Gandhinagar, on 7th March 2011.
- Dr. Sonal Bakshi, IS-NU "Art and Science of In Vivo to In Vitro" at "Skill development in Stem Cell Techniques" held at Stem Cure laboratory, Ahmedabad a workshop organized by the Gujarat State Biotechnology Mission (GSBTM), Govt. of Gujarat, Gandhinagar, on 15th & 17th March, 2011.
- Mr. Vijay Kothari, IS-NU "Analytical Techniques", GSBTM Crash Workshop-BTCBC-2011, 26th – 27th February, 2011.
- Prof. (Dr.) Purvi Pokhariyal and Dr. Krishna Pal Malik, IL-NU, "Seeing is Learning", B.P.R. & D and Prison Training School, Ahmedabad 23rd March, 2011.
- Dr. Krishna Pal Mailk, IL-NU, "Elimination of Child

Labour", National Labour Institute, NOIDA and Mahatma Gandhi Labour Institute, Ahmedabad, 22nd -24th March, 2011.

- Prof. Santosh S. Kolte, IT-NU, "Ion Exchange Technology Combination for Ecofriendly Water Desalination", Faculty of Technology, CEPT University, Ahmedabad,, January, 2011.
- Prof. Santosh S. Kolte, IT-NU "Significance of Prechlorination in Wastewater Treatment & Biotowers as the rectification mechanism", Faculty of Technology, CEPT University, January 2011.
- Prof. A M Gohil, IT-NU, "CNC Machining" "Pipes and Pipe Fitting" and also on "Power Tools", Ingersoll Rand, January 2011.

Ph. D. Awarded



Sharadkumar P. Purohit, IT-NU, "Semi-active Output Feedback Control Studies for Building with Magnetorheological Dampers", Indian Institute of Technology Bombay (IITB)



Vijay Kothari, IS-NU, "Screening of various plant products / extracts for antimicrobial and antioxidant properties, and to investigate correlation of the latter with phenolic content of the sample", Nirma University



Vaibhav Shah, IT-NU "The Fictional World of Orhan Pamuk: A Thematic Study of Selected Novels", Mohanlal Sukhadiya University, Udaipur, Rajasthan



J.G. Jamnani, IT-NU, "Computer aided design, simulation and development of circuit-breaker synthetic testing circuit with automatic controller for circuit-breakers", M. S. University, Vadodara



Renuka Mishra, IP-NU "Studies in Formulation Development and Evaluation of Rapidly Dissolving Dosage Forms", Nirma University



Shital Bariya, IP-NU "Studies in modulation of venlafaxine hydrochloride release from solid dosage forms" Gujarat University



Prof. Mukesh Zaveri, "Hybrid Multiresolution based Multimodality Image Fusion Algorithms", SVNIT, Surat

Students' Corner

Excellent Achievement



Institute of Technology, Nirma University won the prestigious event, National Robotics Contest, 2011 organized by Maharashtra Academy of Engineering (MAE), Alandi for the 5th time, 5th March, 2011 and will represent India at the international Robocon-2011 at Bangkok, Thailand.



sponsored by Department of Science and Technology and Troikaa Pharmaceuticals Ltd, 2011.

- Mahek Shah, IP-NU, received 2nd prize for best M Pharm thesis in "Rajinibhai V. Patel Competition for Best Thesis at Masters Programme" sponsored by Department of Science and Technology and Troikaa Pharmaceuticals Ltd, 2011.
- Dhruv, IP-NU under the guidance of Prof. (Dr.) Vimal Kumar, IP-NU received financial assistance of Rs 15000/- under the Sci-Tech Project Scheme for research project titled "Formulation and evaluation of Topical formulation of Boswellic acid and Guggulosterone for the Treatment of Rheumatoid Arthritis".
- Students of IDS-NU at 13th ISTE students National level convention received "Kongu Engineering College Trophy-2010" "Andhra Pradesh Section Trophy-2010" for overall championship.
- Karan Chawla and Vipul Yadav, IM-NU stood 3rd at the Tata Crucible Quiz which is a biggest quiz across the campus in India and won a cash prize of Rs. 75,000/-.

Students Achievements

- Jignesh Parkh, IP-NU, received Inspire fellowship of Rs. 4,41,000 from Department of Science and Technology Govt of India, for Ph.D.
- Deepak M. Khatri, IP-NU, received Senior Research Fellowship (SRF) from CSIR (Council of Scientific and Industrial Research) Government of India, New Delhi for doing Ph D under the guidance of Dr. Priti J. Mehta
- Kuldeep Barot, IP-NU, received 1st prize for best M Pharm thesis in "Rajinibhai V. Patel Competition for Best Thesis at Masters Programme"





- Karan Chawla and Dhaval Thakker, IM-NU qualified for the grand finale of an International Event organized by IIPM and hosted by Shah Rukh Khan. The students defeated teams of ISB Hyderabad, IIM Indore, IIT Rourkela, etc. and won a cash prize of Rs. 1.00 lakh.
- Kuldip Barot, IP-NU Co-guided by Kuntan Manna, Guided by Manjunath Ghate, IP-NU received 1st prize for best M Pharm thesis in "Rajniibhai V. Patel Competition for Best Thesis at Masters Programme" Supported by Department of Science and Technology and Troikaa Pharmaceuticals Ltd, 2011.
- Mahek Shah, IP-NU, Co-guided by Dhaivat C.Parikh, Guided by Tejal A. Mehta received 2nd prize for best M. Pharm. thesis in "Rajniibhai V. Patel Competition for Best Thesis at Masters Programme" Supported by Department of Science and Technology and Troikaa Pharmaceuticals Ltd, 2011.
- Karan Chawla and Vipul Yadav stood, IM-NU 1st in the Business Quiz organized by MICA and won a cash prize of Rs. 15,000/-.



- Shrutinder Kaur, IL-NU won Best Advocate Award, Army Law School Moot Court Competition, Mohali, 25th -27th February 2011.

- Rutuja Kapadia, Himani Kini and Riddhi Shah, IL-NU won Best Researcher Award with Cash Prize of 2500, G. H. Raisoni Moot Court Competition, Nagpur, 4th - 6th March 2011.



- Yash Sampat, IL-NU, secured IInd position for the Best Delegate in the Gujarat Yuva Sansad Competition, National Seminar on Privacy Matters, AMA 26th March, 2011.
- Shatakshi Johri and Shriya Jain, IL-NU won the best paper titled "Impact Assessment of Right to Property in India" NUI LANS, Ahmedabad, 22nd March, 2011.
- Tirth Nayak, IL-NU won "Best Crisis Delegate", Symbiosis International Model United Conference (SIMUNC), Symbiosis College, Pune, 17th-19th January, 2011.
- Tirth Nayak, IL-NU won Special Mention Award, GLC Model United Nations, Mumbai, 27th-29th January, 2011.
- Vivek Doshi, Devangi Rajput, Kishan Panchal and Jaishal Divawala, IDS-NU, won the first prize in paper presentation "HART – Protocol", G H Raisoni college of Engineering And Management, Wagholi, Pune, 24th -26th February, 2011.
- Jay Dhamsaniya, Harshit Lalpura and Vishakha Bhansali, IDS-NU won the first prize in Project Competition for their project on 3D Augmentation. G H Raisoni college of Engineering And Management, Wagholi, 24th -26th February, 2011.
- Jay Dhamsaniya, IDS-NU won the first prize in Project Competition Shrimad Rajchandra Institute of Management and Computer Application, Bardoli 11th - 12th February, 2011.
- Megha Kapoor, S. O. Rabardiya and V. J. Desai, IP-NU, received first prize in poster competition, National Seminar, "Current Trends and Recent Advancements in Herbal Drugs" K.B.Institute of Pharmaceutical Education & research Gandhinagar, 22nd January, 2011.

- Margi Desai, Barkat Mansuri and Ajay Singh, IP-NU won first prize in model making competition, "Pharmafest 11" Baroda College of Pharmacy, 20th February, 2011.
- Vipul Yadav and Omkar Joshi, IM-NU participated and stood 2nd in the Sports & Entertainment Quiz at MICA and won a cash prize of Rs.5000/-.
- Madhur Verma, Kristy Baptist and Shivani Sinha, IL-NU, won 1st runner up prize, Just Causa Moot Court



Competition, Dr. BabaSaheb Ambedkar College of Law, Nagpur, 17th-20th February, 2011.

- Md. Naeem Devla and Ghanshyam Thummar, IP-NU won second prize in poster competition, Indukaka Ipcowala College of Pharmacy, Vallabh Vidhyanagar, 10th - 12th March, 2011.
- Goldi Makhija and Akshay Patel, IDS-NU, won the first prize in project competition, "Prepaid Energy Meter". They also won the second prize in paper presentation for their paper on "Automatic Meter Reading System", G H Raisoni college of Engineering And Management, Wagholi, Pune, 24th -26th February, 2011.

- Sonal Mundra, Gayatri Iyer and Tapan Gupta, IS-NU, qualified CSIR-JRF, NET examination.
- Hardik B. Patel and Nihit D. Shah, IS-NU, selected in the University Volley ball team, National level sports competition, organized by Association of Indian Universities, November, 2010.
- Nidhi Jasani, Urvi Viroja, IP-NU, second prize in poster presentation competition, GUJCOST Sponsored National Seminar, Kalol Institute of Pharmacy, 5th December, 2010.
- Nisha Patel, Divyang Patel, Sonu Nayak & Devang Shelat, IP-NU received second prize in Phyto Quiz S. K. Patel College of Pharmacy, Ganpat University, Mehsana, 23rd October, 2010.
- Niyati Kukadia, IDS-NU won the first prize in Technical Quiz, SALCON – 2011, SAL Engineering College & Research Institute, Ahmedabad, 24th - 26th February, 2011.
- Anand Odedra, Jaimin Vaidya & Harshit, IP-NU won first prize in VIAJE BAAZIGAR Karnavati Dental College, 17th - 19th January, 2011.
- Natasha Sutaria, IL-NU secured 2nd position, TSN Public Speaking Competition, Mahatma Gandhi Labour Institute, Ahmedabad, 21st February, 2011.
- Deepak Jain, Manish Shah and Sayan Das Sharma, IM-NU participated in the Annual management fest of IIM - Indore Entrepid and stood 2nd in Entrepid 2010, October 2010.
- Dhara Maisuria and Nihar Velani, IL-NU won 2nd prize, Parliamentary Debate Competition, Tata Institute of Social Sciences, Tuljapur, Maharashtra, March 2011.



Dare prize ceremony



Tanvi Dhamani Institute of Management



Kashyap Patel, IDS-NU

Paper Publication

- Shriya Jain, IL-NU, "Mergers & Acquisitions: IPR Issues involved" and "Revisional Power vis-à-vis Writ Jurisdiction", legalservicesindia.com, January, 2011.

Paper Presentation & Conference Participation:

- Ms. Jagruti Dekavadiya, IL-NU "International Law: Trade, Development and Environment – Conflict or Compatibility?", International Congress on Environment Research 2010 (ICER-10), University of Mauritius with the collaboration of Journal of Environment Research and Development on 16th – 18th September 2010, University of Mauritius, Reduit.
- Aishvarya IL-NU, invited to the IV International Experts Meeting on "Climate Change and Water Management: Dealing with Uncertainties", Zaragoza, Spain, 28th Feb - 2nd March, 2011.
- Rahul Jog, IS-NU, Ph. D. student, presented a paper, "Diversity and plant growth promotion activities of wheat rhizospheric Actinomycetes of Bhal and Mehsana region" 51st Annual Association of Microbiologists of India (AMI) Conference, Birla Institute of Technology (BIT), Ranchi 14th -17th December, 2010.
- Kaveri Purundhar, IS-NU, presented poster "International Conference on Molecular Medicine-2011", CHARUSAT, Changa, 9th -11th January, 2011.
- Prasant Kumar Jana, IS-NU, attended the "International Conference on Molecular Medicine-2011" held at



CHARUSAT, Changa, on 9th-11th January, 2011.

- Harshita Chaudhary and Mr. Prasant Kumar Jana, Ph. D. student, IS-NU attended the "5th International Symposium on Translational Medicine and Research" organized by Zydus Research Centre, Ahmedabad on 1st – 4th February, 2011.
- Kaveri Purundhar, IS-NU, presented poster, 21st Annual Meeting of the Indian Society for the Study of Reproduction & Fertility, NDRI, Karnal, 9th – 11th February, 2011.
- Siddharth Godha, Sayantani Mukharjee and Aashima Garg, IL-NU "Compensatory Victimization in light of War Rape", SASCV (South Asian Society on Criminology and Victimology), Jaipur, 15th -17th January, 2011.
- Abhilasha Jindal, IL-NU, "Legal Education: Development and Challenges" in Just Causa Essay Writing Competition, Dr. BabaSaheb Ambedkar College of Law, Nagpur, 17th -20th February, 2011.
- Aditya Yagnik, IL-NU "Cyber Laws and Threats and Blackberry and Wikileaks Issues ", National Seminar on Privacy Matters, AMA, Ahmedabad, 26th March, 2011.
- Sandeep Bansiwal, IL-NU participated in "Union Budget: Reform and Development Prospective", Union Ministry at New Delhi, March 05, 2011 and also in "Indo- German Conference on Intellectual Property Rights", Ministry of Germany in association with Federation of Indian Chamber of Commerce and Industries(FICCI), 10th - 11th, March 2011.
- Somitra Chaturvedi, IL-NU received 1st runner- Up in Just Causa Essay Writing Competition on 17th-20th February, 2011 at Dr. BabaSaheb Ambedkar College of Law, Nagpur.

Students' Visit



The students of MBA visited China, Hong Kong and Taiwan as a part of industrial orientation and training programmes, 20th September to 11th October, 2010, IM-NU.



The students of, IS-NU, visited the Gujarat Forest Research Institute, Gujarat Biodiversity gene-bank, & Gujarat Genome Initiative of Gujarat State Biotechnology Mission as well as the Gujarat Forensic Laboratory on the occasion of their public awareness week at Gandhinagar, 6th January, 2011.

Students' Events

- ISTE Student Chapter of IDS-NU organized State level Technical Festival "Tech Fest-2011" 31st January, 2011. 600 students across the state registered in 15 different events.



PREVOYANCE 2011, IT-NU



Re Discover Germany



Mr Felix Kahle, Science & Technology, Ambassador German Embassy, New Delhi highlighted research opportunities in Germany and possibility of Indian Universities to exchange faculty and students. Mr S Rajaram Chief Executive Officer, Erhardt Leimer India and Mr Partho Ghosh Joint Managing Director KHS Machinery gave in depth insight on the need of strengthening industry-academia network. 22nd October, 2010, IT-NU

HR Conclave



Institute of Management, Nirma University organized its Annual HR Conclave, Parivartan'10, 'Next' Practices for Partnering Business Models 2015', 9th-10th, October, 2010, inaugurated by Mr Muthaiya, Senior VP [HR] of Carborundum Universal Ltd, Murugappa Group.

PRAGAMAN, The Entrepreneurship Conclave '10



The annual entrepreneurship conclave PRAGAMAN, with the theme of 'Initiators and Inheritors - Perspectives and Priorities', Shri Chintanbhai Parikh, CMD, Group Ashima and current President, GCCI inaugurated the function as chief guest. Mr. Sujeet Bhatt, Next Tenders (India) and Mr. Siddharth Mavalankar, Genest Engineers were eminent speakers on the occasion, IM-NU



- **American Society for Quality (ASQ)** Local Member Community-Ahmedabad Meet, 20th October 2010, IM-NU.
- **One-day workshop on 'Schemes offered by MSME for Entrepreneurs'** in collaboration with MSME, Ahmedabad, 30th September'10, IM-NU.
- **Annual English Poetry Recital Programme of Sumantra**, The Book Club, IM-NU organized "A Drop of Ink" 17th October, 2010, IM-NU.
- **Invincible Leaders' League (iL2)** programme conducted to develop leadership among students, January –March, 2011, IT-NU
- **RADIANCE '11**, a flagship event of IEEE, Student Branch, Nirma University, organised on 21st and 22nd of January, 2011.
- **Manav Sadhana**: The Rotract Club of IM-NU initiated a long-term mentorship programme in collaboration with Manav Sadhana, an NGO, October 2010. The programme aims at providing guidance and career counseling to children from slums studying in grade VII to IX.



INGENIUM 2011, IT-NU



Expert lecture on automobile by Prof. PD Patel., IT-NU



Engineering behind All Terrain Vehicle, IT-NU



Workshops organized for students, IT-NU namely DJ WORKSHOP, PHOTOGRAPHY WORKSHOP, FASHION DESIGNING, 16th February, 2011.



Propositum, a model making competition saw entries like green tiles, green building, LPG cylinder of 2 wheeler converted into LPG, IT-NU



I Change 11, IT-NU



The bigger Fight, IT-NU



Technofora 11, comprised of various events organised 11th -12th February 2011 IT-NU



Blitzkrieg'11, IT-NU



CSI chapter, IT-NU



External / Social activity Gyanjyoti, IT-NU



CHEMOZALE' 11, IT-NU



Road Safety Awareness Drive, ChESA, 13 March, IT-NU



Business Plan Presentation at - CHEMOZALE'11 17th March, 2011, IT-NU



Kavi Sammelan, IM-NU



Moot Presentation -IL-NU



China Visit 2010, IM-NU

Alumni Corner

- Annual get-together of NITAA was organized on 25th December, 2010. During the function Alumni Magazine SETU Vol-9-10 and annual magazine INTERFACE, Vol. 11 was released, IT-NU.
- The Third Annual meet of IP-NU Alumni Association (IPNUAA) organized on 12th January, 2011.



Research & Development

Area of Research	Project Investigator	Funding Agency	A Brief
Microbiology	Dr. Shalini Rajkumar, IS-NU	NERF	Effect of Catabolite Repression by Organic Acids on MPS Phenotype of Rhizobia.
Biotechnology	Dr. Sonal R Bakshi, IS-NU	NERF	Study of in vitro chromosomal instability by cytokinesis- block micronucleus assay in human lymphocytes.
Biochemistry	Dr. Sriram Seshadri, IS-NU	NERF	Analysis of hifferential activity of mitochondrial enzymes in human blood neutrophils
Microbiology	Dr. Nasreen Munshi, IS-NU	NERF	Investigation of functional microbial diversity and related abiotic factors in coastal saline and desert ecosystems.
Microbiology	Dr. Shalini Rajkumar, IS-NU	GSBTM	Diversity and Plant Promotion Abilities of Actinomycetes in the Wheat Rhizosphere in Gujarat region.
Environment	Prof. Payal Mehta, Prof. Rahul Shah and Prof. Tarak Bhatt, IDS-NU	NERF	'Feasibility Study on Biogas Plant for Nirma University Campus'

Consultancy work by faculty/Department

Institute	Name of Faculty Member(s)	Title of Consultancy Work	Place and Address of Collaborative Organization	Funding Agency
IP-NU	Prof. (Dr.) Vimal Kumar	"Formulation and evaluation of Topical formulation of Boswellic acid and Guggulosterone for the Treatment of Rheumatoid Arthritis".	Gandhinagar	Sci-Tech Project Scheme, GUJCOST
IP-NU	Dr. Snehal S Patel	Pharmacological evaluation of Herbal Formulation of Emblica Officinalis with special reference to diabetes mellitus	Ahmedabad.	Rajsha Pharmaceuticals Pvt Ltd., Ahmedabad.
IT-NU	Dr. P. R. Patel	Minor Research Project "Estimation of Geoidal Undulation of Ahmedabad City Using Global Positioning System"	Ahmedabad	Nirma University

Industry Interface

Testing work carried out at Departments

Dept.	Name of Faculty Member(s)	Title of Testing Work	Place and Address of Collaborative Organization
Mechanical Engineering	Dr V J Lakhera, Prof N K Shah and Prof S V Jain	Determination of Thermal Conductivity of Ceramic Fiber Blanket	Simond Fibertech Limited, GIDC Metoda, Rajkot
Mechanical Engineering	Dr. V J Lakhera, Prof. N K Shah and Prof S V Jain	Testing of PUF Insulation for Thermal conductivity, compressive strength, horizontal burning, vapor transmission rate and water transmission rate	Stallion Enterprise, Mumbai

Consultancy Work Carried out by Faculty / Department

Dept.	Name of Faculty Member(s)	Title of Consultancy Work	Place and Address of Collaborative Organization	Funding Agency
CIVIL Engineering, IT-NU	Prof. Payal Trivedi	Training on "Construction Project Management"	Sardar Sarovar Narmada Nigam Ltd., Block No. 12, Sachivalaya, Gandhinagar-10	Sardar Sarovar Nigam Ltd.
Electrical Engineering	Prof. J.G.Jamnani	Design of Electrical parameters (RI,ES-Field,& TVI) for 765 kV Double circuit transmission line with six bundled conductors for different configurations of towers	Kalpataru Power Transmission Ltd., Gandhinagar	Kalpataru Power Transmission Ltd., Gandhinagar
Chemical Engineering	Prof. Nimish Shah Shri Devendra Patel	Sample of Solvent Dye	Ahmedabad	M/s. Anar Chemical

Workshop / Training Programme / STTPs

MANAGEMENT DEVELOPMENT PROGRAMME [OPEN HOUSE]

No.	Name of the Programme	Date	Key Resource Faculty
1	Managerial Skills for Supervisory Personnel	October 5-6, 2010	Prof. Sameer Pingle
2	Personality Development & Business Etiquette	December 10-11, 2010	Prof. Nina Muncherji

MANAGEMENT DEVELOPMENT PROGRAMME [IN-HOUSE]

1.	ONGC Ltd. (Performance Enhancement through Team Building)	September 27-October 1, 2010	Prof. Nityesh Bhatt Prof. Sapna Parashar
2.	Ingersoll Rand China (Customer Experience Management)	September 28-29, 2010	Prof. Rajnish Jain
3.	Torrent (Management Development and Professional Skills Enhancement)	October 25-27, 2010	Prof. Nityesh Bhatt Prof. Sapna Parashar
4.	ANARDE Foundation under project Jeevika, TDD – DSAG	November 22-24, 2010	Prof. Nityesh Bhatt Prof. Sapna Parashar
5.	Torrent (Management Development and Professional Skills Enhancement.	December 13-15, 2010	Prof. Nityesh Bhatt Prof. Sapna Parashar
6.	Kalpataru Power Transmission Ltd.	September 2010 onwards (One year programme)	Prof. Nityesh Bhatt Prof. Sapna Parashar

FACULTY DEVELOPMENT PROGRAMME

1	Case Teaching Workshop for Management Teachers	September 28-29, 2010	Prof. Sameer Pingle, Prof. A.C. Brahmhatt
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Co-Curricular/Cultural/Sport/Social Activities

Cultural Activities

- “Renaissance-2010”, Annual Students Cultural Event, 21st - 22nd September, 2010, IS-NU.
- Connaissance 2010, Inter-University Academic Fest, 8th and 9th October, 2010, IL-NU.
- RAMZAT'2010: The traditional celebration of Nav-Ratri, 23rd October, 2010, IT-NU.
- Vaudeville'10: Inter-Institute cultural competition, 6th -7th October, 2010, IT-NU.
- Shabdanjali : A Gujarati/Hindi poetry recitation program, 27th February, 2011, IM-NU.
- Richter10 : The annual cultural festival, 11th - 13th, February 2011, IM-NU.
- Perspective 2011 : The Annual Academic event 11th - 13th February, 2011, IM-NU. The events on Finance, Marketing, Human Resources, General management and other literary events tested the participants of their skills and their ability to think.

- CULFEST : Festoria 2011: Annual cultural programme, “Festoria-2011”, 17th-18th February, 2011, IL-NU.

Freshers' Talent, 25th October, 2010

- Freshers' Talent was organized by IT-NU, 25th October, 2010 where students from across India participated under ISTE Gujarat, I-Fest'10. Vaishvik and Keshulakhotia won Mr. & Ms. Freshers award respectively.
- HORIZON '11, IT-NU- An odyssey annual event organized on 15th-16th February, 2011, IT-NU events organized namely: World Thru a Lens, Expressions, Cat O 9 Tales, Batalla Verbal, Nukkad Natak, Aaga, Kenquest, Rhythm and Pass De Duex, Event 8:- Youth Parliament, Event 9:- Director's Cut, Mr. and Ms. Horizon, 2 Face, Just Dance, Acumen



RANGOLI , IP-NU



POSTER COMPETITION, IL-NU



FRESHER'S TALENT, IT-NU



Foundation Day, IDS-NU



FACE PAINTING, IL-NU



RORSTRUM, IP-NU



TALENT NITE, IM-NU



FESTORIA'11, IL-NU



FASHION SHOW, IL-NU

Sports Activity

- Inter Institute sports day was observed in Nirma University, 30th - 31st March, 2011.
- PARAKRAM-2011: A National Level Sports Event 'PARAKRAM' organized at IM-NU, 12th – 14th February, 2011.
- A National Level Football Tournament, "GOALZZZ" organized on 15th to 17th October 2010, for teams from national B-schools. Leading B-schools like IIM-A, NITIE, K J Somaiya, Sydenham, MICA and IM-NU participated in the tournament
- Anand Odedra, Asif Huda and Brijesh Vaghasiya, IP-NU won first prize in the competition SCRAP KING at event "Anushthan 11" organized by Babariya Institute of Pharmacy.
- Ankit Shah, IP-NU won first prize in the competition NEVIGO (Net Surfing) at event "Anushthan 11" organized by Babariya Institute of Pharmacy.
- Dhru Thumar and Dishang Gandhi, IP-NU won second prize in the Quiz competition at event "Anushthan 11" organized by Babariya Institute of Pharmacy.



GOALZZZ, IM-NU

Extension Activities



To provide free legal aid and to create legal awareness, several activities were undertaken by the students of IL-NU: Sabarmati Central Jail, Halisa village, Gandhinagar, January to 8th February, 2011.

Legal Literacy Camp was organized on 17th February, 2011, slum areas near Naroda, Ahmedabad, Chandramuli School, Vejalpur and another on 24th February, 2011 at A-ONE School, Satellite, Ahmedabad

- The focus of the programme was to aware Indian citizens about 'Diabetes'. In the programme, more than 450 men & women were counselled and tested for their blood sugar.



Legal Clinict , IL-NU



Diabetes Awareness Camp: A diabetes awareness programme jointly organized IP-NU & University of Southern California (USA) on 19th -25th December, 2010.



Awareness Camp, IP-NU



Health and Nutrition Awareness Programme, 4th September, 2010 as part of the National Nutrition Week Celebrations.
Ms. Preeti S. Thakkar (Nutritionist & Cooking Expert, ETV), IP-NU



Blood Donation Camp, IL-NU



Cancer walk, December, 2010, IP-NU

Forthcoming Events

No.	Event Name	Date of Event	Institute
1.	Institute of Science M. Sc. Entrance Examination-2011	19 th June, 2011	Institute of Science
2.	Four ISTE approved STTPs	27 th June- 1 st July, 2011	Institute of Technology
3.	National Legal Research Methodology Workshop	7 th -8 th May, 2011	Institute of Law
4.	Faculty Development Programme	17 th -19 th June, 2011	Institute of Law
5.	Workshop on Communication Skills for 12 th Std. Students	13 th May-10 th Jun, 2011	Institute of Law
7.	Annual Lecture Series	23 rd July, 2011	Institute of Law
6.	Students' Conference	30 th July, 2011	Institute of Law



Note: This newsletter is a compilation of Issue 1 & 2.

- NU Nirma University
- IT-NU Institute of Technology, Nirma University
- IM-NU Institute of Management, Nirma University
- IDS-NU Institute of Diploma Studies, Nirma University
- IP-NU Institute of Pharmacy, Nirma University
- IS-NU Institute of Science, Nirma University
- IL-NU Institute of Law, Nirma University



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