

News at a Glance

- IM-NU rated as a 'Super League 2' B-School and ranked among top 20 B-Schools in the country by the survey conducted by All India Management Association, published in Indian Management, May, 2011.
- Business World B-School survey ranked IM-NU among the top 25 Best B-Schools in the country, June 27, 2011.
- IT-NU ranked 30th in top 75 Engineering Colleges and 8th among self financed colleges across the country as per survey published by Outlook Magazine in 2011.
- IT-NU ranked 6th in Top 50 Engineering Colleges across the country, 6th in first top 10 talent hub colleges, 8th in top 10 technology hub colleges, 9th in top 10 international exposure and 8th in top 10 in Infrastructure colleges as per survey conducted in Electronics For You in 2011. IT-NU ranked 39th in top 50 Engineering colleges across the country as per the survey conducted by Careers 360 in 2011.
- IT-NU ranked 8th in top 75 Engineering colleges in 2011. Institute is ranked 2nd in top 25 among preferred engineering colleges in West Zone as per the survey conducted by The Week in 2011.

Awards

- IM-NU received Competition Success Review Award of Excellence for 2010-11.

MoUs

- IM-NU signed MoU with California State University, [CSUSB]. Dr Albert Karnig, President and Prof. Vipin Gupta, from California State University, [CSUSB], San Bernadino visited the Institute of Management, Nirma University to sign the MoU, April 30, 2011.
- IM-NU signed MoU with Lake Forest School Graduate School of Management, USA, April, 2011.
- IT-NU signed MoUs with IBM & Infosys Technologies Ltd., 2011.

MoUs



• News at a Glance	01
• From the Director General's Desk	02
• Editorial	02
• Dignitaries on Campus	03
• Events	04
• In Focus	06
• Staff Corner	08
• Students Corner	12
• Industry Interface	13
• Co-Curricular/Cultural/Sport/ Social Activities	15
• Forthcoming Events	16

<i>Chairman</i>	Shri G. R. Nair
Prof. V. R. Iyer	Institute of Management (IM-NU)
Institute of Diploma Studies (IDS-NU)	
<i>Editor</i>	Dr. Sriram Seshadri
Dr. Monica Rao,	Institute of Science (IS-NU)
Nirma University (NU)	
<i>Members</i>	Prof. Nibha Thakur
Dr. Priti Mehta	Institute of Diploma Studies, (IDS-NU)
Institute of Pharmacy (IP-NU)	
Dr. Kiran Gardner	Dr. Sandeep Trivedi
Institute of Law (IL-NU)	Institute of Technology (IT-NU)

<i>Language Editor</i>	Dr. Namrata Bajaj (IT-NU)
------------------------	----------------------------

Director General's Message

The start of the academic year brings with it a number of expectations from students and faculty. We always see to meet the needs of all learners. Our challenge as educators is to use the tools well and in a manner that will most benefit the learner. And there should be enthusiasm to embrace the technologies and use of ICT for maximising benefits in the academic system. Equally, one should be aware of the risks involved from various perspectives. A blend of conservative stance –reading and discussion with peers and experts bring freshness and quality to the outcome along with personal satisfaction.

There is no doubt that the students too have better access to learning through tech-enabled knowledge system these days. But the ingredients of the assignments and projects given should not be completed along the lines of Google, copy and paste or a transaction with an online essay mill. Rather, it requires research, rewrite and revision of the content before submitting them. In addition to this, active learning atmosphere can be set in the classrooms by challenging self and peers on a daily basis. It will directly raise the intellectual levels and maximise the learning process. Also, they need to learn life skills and develop ability to handle upheavals so as to make the world a better place to live.

The University welcomes to all the new entrants. Make the best of your experience here!

Best wishes,

Dr. N.V. Vasani



Editorial

Dear readers!

Welcome to the third issue of volume 3.

Education is not a product: mark, diploma, job, money in that order; it is a process, a never ending one.

-- Bel Kaufman

This issue of the newsletter has much on events and dignitaries on campus. IT bears a milestone for the showcasing of Nirma University both a contemporary knowledge database 'In-focus' and a new brand of our network with International set-up . News at a glance segment is showing the growth which definitely strengthens the international standing of Nirma University.

All news related to institutes' students' and faculty members, conference participation, and events is marked in this issue.

We will be pleased to receive comments about this issue and contributions for the future so that the Newsletter becomes a useful tool of communication for all of us.

Happy Reading.....

Dr. Monica Rao



Dignitaries on Campus

Dignitaries Visited

- Mr. Nanni Bertorelli, General Manager, A.R.I.S. S.P.A, Italy, IT-NU, 11th May, 2011.
 - Mr. Amit Bhatia, CEO, Aspire Human Capital Management Pvt Limited, IT-NU, 14th June, 2011.
 - Dr. N. S. Kale, Lab Manager, MEMS, IIT, Mumbai IT-NU, April, 2011.
 - Mr. S. B. Mahajani, Deputy General Manager, IT-NU, June, 2011.
 - Mr. D. M. Choudhary, R&D Manager, Electrotherm (I) Ltd, Ahmedabad, IT-NU, June, 2011.
 - Mr. Varunesh Kumar, CMD, Veeral Controls (P) Ltd., Gandhinagar, IT-NU, June, 2011.
 - Shri K U Mistry, President, GPCB IT-NU, March, 2011.
 - Shri Hardik Shah, Member Secretary, GPCB IT-NU, March, 2011.
 - Shri Sawan Godiawala, Director, Deloitte, IT-NU, March, 2011.
 - Shri Krishnendu Sarkar, CEO, Fyne Cube, IT-NU, April, 2011.
- A delegation from Scotland, comprising the following dignitaries, visited the campus for Finance & Business mission and interacted with students & faculty, 23rd June, 2011, IM-NU:
- Prof. Dominic Houlihan, OBE, University of Aberdeen
 - Dr John Paterson, University of Aberdeen
 - Dr Carlo Morelli, University of Dundee
 - Mr David Boddy, University of Glasgow
 - Prof. John Lennon, Glasgow Caledonian University
 - Dr Santhosh Abraham, Heriot-Watt University
 - Dr Pravin Balaraman, University of the West of Scotland
 - Ms Elizabeth Speake, British Council Scotland

Expert lecture

- Dr. Ranjana Harish, Head, Dept. of English, Gujarat University, "English in the Flat World", 3rd May, 2011, IL-NU.
- Mr. Krishnendu Sarkar, CEO, Fyne Cube, "Debono Tools for Design, Teaching Research & Innovation", 9th April, 2011, IL-NU.
- Dr. Shashi Kelkar, Indian Institute of Technology, Bombay, "Work Product Reviews", IT-NU, March, 2011.
- Prof. A. M. Kulkarni, Professor, IIT, Bombay, "Wide area measurement system aspects of smart grid", IT-NU, February, 2011.
- Shri Sanjay Parikh, Regional IT Lead (West), Reliance Tech Services, Ahmedabad, "Project Management", IT-NU, April, 2011.
- Mr. Urmil Parikh, Sr Engg, ABB Ltd, "Control Switching of SF6 Circuit breakers and Career Aided distance protection", IT-NU, April, 2011.
- Dr. Nitin S Kale, Lab Manager, IIT Bombay "Anofabrication", BioMEMS and Biosensors IT-NU, April, 2011.

Convocation 2011

The 11th Annual Convocation of the Nirma University was held on Sunday, 3rd April, 2011; 330 management students and 13 PhD students received their degrees. Mr Nimesh N Kampani, Chairman and Managing Director of J M Financials was the Chief Guest of the Convocation. He delivered the convocation address while President of Nirma University, Dr Karsanbhai K Patel headed the convocation function. Dr N V Vasani Director General, Nirma University, gave the concluding speech.

During the convocation address Mr. Kampani said, " Life will not start with a big bang or a bed of roses. Do not stop learning, find newer ways of enhancing knowledge. Learning has to be a continuous process." He added, "You have to dream big to become bigger and better. No idea is a bad idea. Any idea that you dream of can become a successful idea".



Dr. N.V. Vasani, Mr Nimesh N Kampani and Dr. K. K. Patel

Events

Staff Training Programme for Laboratory Assistants, 22nd to 24th June, 2011

Institute of Pharmacy, Nirma University organized three days Staff Training Programme for Laboratory Assistants from 22nd to 24th June 2011. The STP was addressed to meet the needs of the laboratory assistants of various institutes of Nirma University and their overall development. It also included practical hands on training/demonstration of various instruments in the respective departmental laboratories along with technical and soft skill tests.

Induction / Inauguration Programme



- Inauguration of MBA [Full Time] Programme, 21st-22nd June, 2011. Mr Pankaj Sachdeva, Managing Director, Kalpataru Power Transmission Ltd was the Chief Guest on the occasion.
- Inauguration of MBA [Family Business & Entrepreneurship] Programme, 27th June, 2011. Mr S Rajaram, CEO E L, graced the occasion as chief guest.



Spiritual Discourse

- Sadhu Shree Pujya Vivek Jivandasji, BAPS, addressed the students of MBA [FT], 25th June, 2011. He spoke on "Importance of pride in life".
- Swami Nikhileswarananda, Head-Ramakrishna Mission, Vivekananda Memorial, Baroda. addressed the students of MBA [FB&E], 28th June, 2011. He spoke on "Importance of Values and Ethics in Business".

Workshop / Training Programme / STTPs

- IT-NU, conducted a Training Programme on Global Positioning System: "Hands-on-Practice", IT-NU, June, 2011.
- A Workshop on "Thermodynamics in Mech. Engg.", IT-NU, June, 2011.
- A Training Program on DB2 training by experts from IBM, IT-NU, June, 2011.
- An Induction Training Programme for newly recruited faculty members of the University was arranged during 20th June to 1st July, 2011.

ISTE Approved 5 Short Term Training Programme, IT-NU

- 5 short term training programs were scheduled from 27th June to 2nd July, 2011 organised by various departments of Engineering. Inauguration ceremony was held on 27th June during which chief guest Prof. V. R. Iyer, Principal, Institute of Diploma Studies, NU graced the occasion.



Interactive session, IL-NU

- An interactive session to orient law aspiring students about the various career opportunities available in legal arena, 23rd April, 2011. Ms. Dharmishtha Raval, "Allotment of Shares and its Trading," IL-NU.

Mediation Training Workshop, IL-NU

- Mediation Training Workshop was organized by IL-NU from 8th - 10th April, 2011 for the students of VI semester as a part of Clinical paper of Alternate Dispute Resolution. Mr. Firdoshali Kassam (Karanchiwala),

Events

ADR Workshop



Mr Firdoshali Kassam (Karanchiwala), with Semester VI students during ADR workshop.

Advocate, Bombay High Court and Chairman, Center for Alternative Dispute Resolution, Mumbai conducted the training programme as the Master Trainer. Inaugurating the Workshop, Hon'ble Dr. Justice J. N. Bhatt (Former Chief Justice, Patna High Court & Chairman of Gujarat State Law Commission) highlighted the importance of Mediation in the present context and applauded the

unique initiative taken by Institute of Law to impart Mediation Training to its students as a part of course curriculum.

- Institute of law organized two days National workshop on Legal Research Methodology. Participants from Gujarat National Law University, MATS University Raipur, GLC Thrissure, D.A.V.V. Indore, M.S. University Baroda and Nirma University participated in the workshop.



Justice Ravi Tripathi and Prof N. Jayaram inaugurating National Workshop on Research Methodology

Research & Development

Area of Research	Project Investigator	Funding Agency	A Brief
Microbiology	Prof. G. Naresh Kumar, IS-NU Dr. Nasreen S. Munshi, IS-NU	DBT, New Delhi	Biotechnological applications for Transforming the most abundant bacteria from industrial waste waters of South Gujarat for bioremediation.
Microbiology	Dr. Shalini Rajkumar IS-NU	GSBTM (Gujarat State Biotechnology Mission)	"Diversity and plant promotion abilities of Actinomycetes in the wheat rhizosphere in Gujarat region", GSBTM (Gujarat State Biotechnology Mission), Department of Science and Technology, Government of Gujarat under "Financial assistance program - FAP-2010".
Pharmacy	Prof. Manjunath Ghatge, IP-NU	DBT India Alliance group	Selected for research project presentation in Science and Communication Workshop organised by Wellcome Trust, DBT India Alliance group held at Kolkatta on 22 th -25 th , April 2011.
Civil Engineering	Dr. P. H. Shah, IT-NU	GUJCOST	Biaxial Voided Slab
Civil Engineering	Dr. P. V. Patel, IT-NU	GUJCOST	Behaviour of RC Element with FRP wrapping under torsion
Civil Engineering	Dr. U.V. Dave, IT-NU	GUJCOST	Repair of corrosion damaged reinforced concrete columns

In Focus

Indian Higher Education at The Cross Roads: Implications Under GATS

Prof. (Dr.) Purvi Pokhariyal, I/c. Director, Institute of Law, Nirma University

In the life of mankind, education implies a formal process through which society transmits its culture, values, beliefs, knowledge, skills and symbol system to younger members of the society so as to maximize their adaptability, productivity and usefulness to the society. Education is viewed as a technology for transmitting and preserving the cultural heritage and knowledge.

All societies, whether modern or modernizing, developed or developing, are experiencing increasing demand for access to higher education, foremost in order to respond to an increasing requirement for trained citizens for an economy which more and more depends upon knowledge-related skills and the ability to handle information.

Education in India is seen as one of the ways to upward social mobility. Education System in India currently represents a great paradox. On the one hand we have IIMs & IITs that rank among the best institutes in the world and on the other hand there are number of schools, colleges, universities in the country that don't even have the basic infrastructure. The prime focus of the best institutes in the country is Internationalization and globalization. 'Internationalization' refers to "the process of integrating an international dimension into the teaching, research and services functions of higher education institutions". Whereas 'globalization of higher education services' would mean to involve liberalizing the sector, for example, by permitting international or foreign trade in the services of higher education sector, including universities and other academic activities of such institutions.



Globalization and Higher Education

Globalization has profound impact on the future of higher education worldwide. Globalization brought about a revolution in international trade with increasing participation and involvement of countries & greater access to domestic economies.

World Trade Organization (WTO) is the successor of the General Agreement of Tariffs and Trade (GATT), which ruled the world between 1960 and 1993, both co-existed between 1994 and 1995, when WTO came into existence. Services are brought for the first time under multilateral trading system under the Uruguay Round Agreements launching WTO. Earlier the GATT System confined only to goods trade. The inclusion of services under the WTO by way of GATS (General Agreement on Trade in Services) in 1995 is a reflection of growing share of services in national



economics world over. It is an indication that trade in services is set to play an important role in the economic development of countries in future. GATS is among the WTO's most important and the first and only set of multilateral rules concerning International Trade in services.

GATS and Higher Education Services in India

Today, there is intense speculation in the developing countries regarding the possible implications of the General Agreement on Trade and Services (GATS) on indigenous higher education systems, and more importantly on social orders. Under the GATS education services has five sub sectors viz. primary, secondary, higher education, adult education and others. As per the existing definition of higher education services, it includes two groups. One relates to teaching practical skills in secondary, sub degree technical and vocational education institutions and the other deals with more theoretical educational services provided by the universities, colleges and specialised professional skills.

It provides legal rights to trade in all services, except those (like defense) provided entirely by the Government. The GATS agreement is made up of three parts. The first part is the 'Framework Agreement' containing 29 Articles, the second part consists of 'national schedules that list a country's specific commitments on access to the domestic market' and the third part consists of a 'number of annexes, ministerial decisions, schedules of commitment' etc. Presently, GATS covers 161 activities falling within 12 services, education being one of them.

In the present era of globalization, and in an international regime controlled by the World Trade Organization (WTO), education is a service that can be traded through four different modes recognized under the General Agreement on Trade In Services (GATS).

GATS has been a subject of public discussion throughout India. The common man has not taken kindly to education being covered under GATS. The discourse pointed out that that treating education as a tradable commodity was contrary to the sanctity attached to education and knowledge; that education had a wider role to play in terms of protecting the culture, intellectual independence and the values of a civil society; that foreign institutions will only provide programmes that are commercially profitable; that many Indian educational institutions unable to face the competition of resource-rich foreign providers may have to withdraw from the educational scene with the result that disciplines that have great social and cultural significance, but no market value, will suffer through neglect; it was emphasized that "higher education exists to serve the community and is not a commodity".

The quality of education provided by Indian higher education institutions is variable and only a small percentage of students receive quality education of international standards. The demand for quality education is high, and with a burgeoning upper- and upper-middle class population the universities of the developed world may find a good market for their degree programmes provided they reduce tuition fees. Indeed, fear is being expressed that the Indian higher education scene will, in the not too distant future, have an important western component. If an 'academic invasion' does materialize then Indian policy-makers, administrators and educators will have to accept a share of the blame for they have not paid adequate attention to the crucial aspects of financing of, higher education and the maintenance of its quality.

While making any kind of commitments in higher education would lead to important implications, including permitting the universities of the developed world to function most freely in India. This in turn could have far-reaching repercussions on the existing Indian higher education system. Most importantly, the concept of higher education, as accepted in India, would change. Today, it is looked upon as a public service that, besides creating and disseminating knowledge, is committed to social service (including sustainable development) and inculcation of human values. In the years to come it may be reduced to a mere commodity. The 'commodification' of education will impinge on national policy relating to free access and equity. Presently, the public higher education sub-system co-exists, even though uneasily, with the private higher education sub-system.

There is no doubt that the entry of foreign providers, and of foreign capital, would tilt the balance towards the private sector. Not only this, the entry of foreign capital into the higher education system may allow the Government to slowly absolve itself of its responsibilities towards higher education.

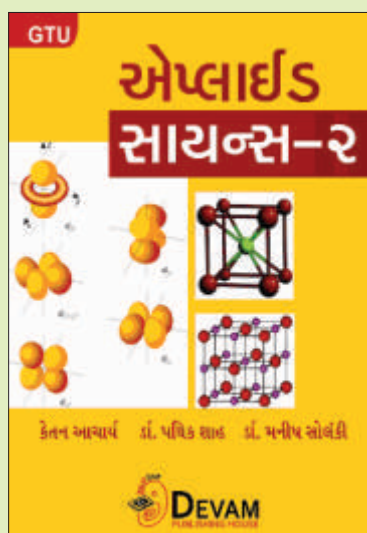
There are not many in India who view GATS and related developments as an opportunity to revamp their education system, improve its quality, and take innovative actions that will be consistent with the process of globalization and will, at the same time, generate significant revenue that could be ploughed back into higher education. In the scenario that has emerged in the GATS regime, the only option open to our administrators and academics is to act decisively.

Staff Corner

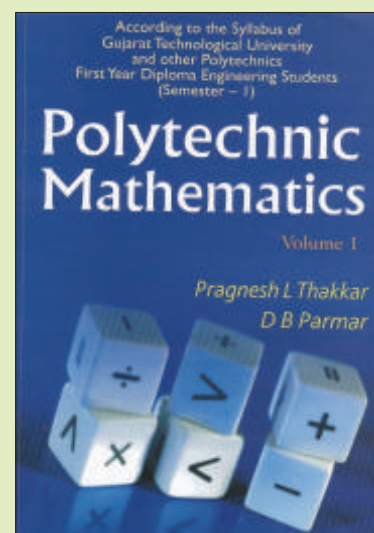
Faculty Achievements

- Prof. Swarup Kumar Dutta, IM-NU participated in the International Case Masters Competition at IIM-Ahmedabad March- April 2011. His case on "Eveready Industries" adjudged amongst the top five cases in the Emerging Markets Category.
- Dr. Vimal Kumar, IP-NU, nominated as advisory board member and reviewer for International Journal of Biomedical Research.
- Dr. Vimal Kumar, IP-NU, nominated as a referee for Journal, Young Pharmacists & Arabian Journal of Chemistry, Elsevier Year 2011.
- Dr. Shital Panchal, IP-NU, appointed as member of Editorial Board, International Journal of Pharmaceutical and Biological Archives, 2011.
- Dr Priti Mehta, IP-NU, appointed as reviewer for the Journal, Pharmaceutical Methods.
- Mr Vivek Vyas, IP-NU, appointed as reviewer for Journal, Letters in Drug Design & Discovery (LDDD).
- Dr. Sriram Seshadri, IS-NU, appointed as Life Member of International Probiotic Association (IPA), UK and International Scientific Association for Probiotics & Prebiotics, (ISAPP), USA, May, 2011.
- Dr. Mili Das, IS-NU, invited by DBT to submit a research proposal under the BioCARE scheme.
- Dr. Vijay Kothari, IS-NU appointed as Associate Editor, Research in Biotechnology, International Journal; ISSN: 2229-791X.

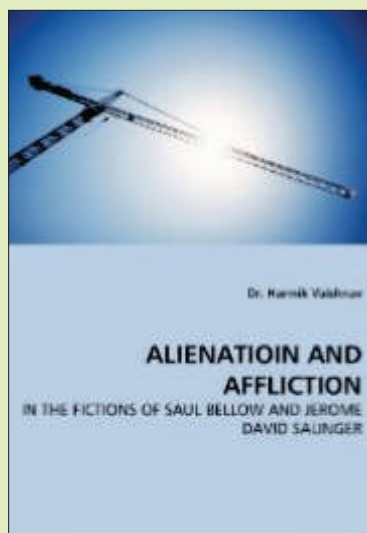
Book Published



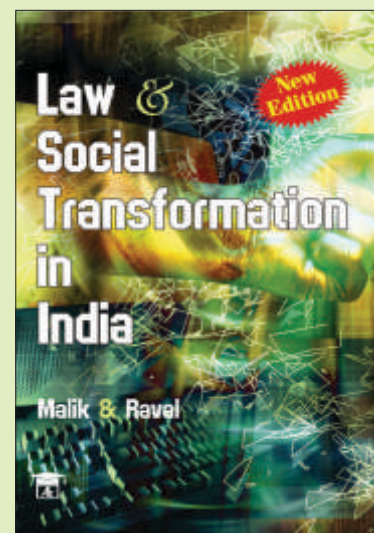
Prof. Ketan Acharya, Dr. Pathik Shah and Dr. Manish Solanki, IDS-NU 'Applied Science II', Devam Publishing House, April, 2011.



Prof. Dharamvirsinh Parmar, IDS-NU "Polytechnic Mathematics Vol-1", Macmillan Publication, ISBN 13:978-0230-3237-8.



Dr Harmik Vaishnav, IL-NU "Alienation and Affliction in the Fictions of Saul Bellow and Jerome David Salinger," VDM Publisher, Germany



Dr. Krishna Pal Malik, IL-NU "Law and Social Transformation in India" (3rd Ed., 2011), Allahabad Law Agency, Faridabad.

Recognitions of Faculties

Dr. P. N. Tekwani recognized as member of international programme committee, European Association for the Development of Renewable Energies, Environment and Power Quality (EA4EPQ), University of Vigo, and University of Las Palmas – Catedra Endesa Red, Spain, April, 2011.



Paper Presented in International Conference / Seminar

- Prof. Amisha Naik, IT-NU, "Two Novel Long Tail Pair Based Second Generation Current Conveyors", International Conference on Advances in Information Technology and Mobile Communication, Nagpur, April, 2011.
- Prof. Vijay Savani, IT-NU, "Design and Implementation of Audio Steganography on FPGA in Journal of Electronic Design Technology" Online Journal (Volume 2, Issue 1, Page: 1-6.), April, 2011.
- Prof. Shaileshachandra V. Pandey, IT-NU, "High Gain Multiple Resonance KU-band Microstrip Patch antenna", International Conference on Microwave Technology, at Beijing, China, May, 2011.
- Dr Bhoomika Goyal, IP-NU, poster presentation, Heart Failure Congress 2011, Gothenberg, Sweden, 21st - 24th May, 2011.
- Masi M.H., Patel N.G., Gajjar A.K., IP-NU, "Synthesis & Antibacterial Evaluation of Novel Methyl 2-substituted Benzimidazole-1-Carbodithioates, Molmed 2011", International Conference on Molecular Medicine, Charotar University of Science & Technology, Changa, 9th-11th February, 2011.
- Ms Rupa Pathakji, IL-NU "From Conflict to Convergence: Reconciling Sustainable Development and Corporate", International Seminar on Creating Excellence for Sustainable Society, North Gujarat University, Patan, 15th - 16th May, 2011.

Papers Published in International Journals / Magazines

- Dr R N Patel, IT-NU, "Extraction of cardnol and phenol from bio-oils obtained through vacuum pyrolysis of biomass using supercritical fluid extraction", ENERGY, 36: 2011, March, 2011.
- Dr. J.G.Jamnani, IT-NU, "TRV Rating Concepts and Generation of TRV Envelopes for Synthetic Testing of Extra High Voltage Circuit Breakers" International Journal of Electrical and Computer Engineering, Vol.3, No.1, pp.24-29., February, 2011.
- Prof. Samir B. Patel, Prof. Tejas B. Mehta and Dr. S. N. Pradhan, IT-NU, "A unified technique for robust digital watermarking of colour images using data mining and DCTIJTST, Vol. 3, No. 1, pp 81-96, April, 2011.
- Prof Vijay Ukani, IT-NU, "Energy and Throughput Analysis of Hierarchical Routing Protocol (LEACH) for Wireless Sensor Network", International Journal of Computer Applications, Vol. 20(4) pp: 32-36, April, 2011.
- Prof Vijay Ukani, IT-NU, "Collaborative Anomaly-based Intrusion Detection in Mobile Ad Hoc Networks" International Journal on Computer Science and Engineering, Vol. 3, No. 5, 2024-2027, May, 2011.
- Dr. Tanish Zaveri, IT-NU, "A Novel Region Based Multimodality Image Fusion Method", Journal Of Pattern Recognition Research, Vol.2, pp 140-153, May, 2011.
- Dr. Yogesh N Trivedi, IT-NU, "Performance Analysis of MISO Systems Using Transmit beam forming and Antenna Selection with Delayed CSIT/ET", Communications, 5/6, 827-834, April, 2011.
- Prof. Vijay Savani, IT-NU, "Dynamic Partial Reconfiguration of FPGA for SEU Mitigation and Area Efficiency", International Journal for Engineering and Technology, Volume 2, No 2 (2011), pp 1-7, February, 2011.
- Prof. Akash Mecwan, IT-NU, "Design and Implementation of Audio Steganography on FPGA", Journal of Electronic Design Technology, Volume 2, Issue 1, pp 1-6., April, 2011.
- Dr. P. N. Tekwani, IT-NU, "Pulse-based dead-time compensation method for self-balancing space vector pulse width-modulated scheme used in three-level inverter-fed induction motor drive," IET Research Journal, UK, vol. 4, no. 6, pp. 624-631, July, 2011.
- K. M. Patel, Pulak M. Pandey, Prof. P. Venkateswara Rao, IT-NU, "Study on Machinability of Al₂O₃ Ceramic Composite in EDM Using Response Surface Methodology", ASME Transactions, Journal of Engineering Materials and Technology, 133/April 2011 & 021004 (2011), April, 2011.
- Saurin Parikh, IT-NU, "Efficient Algorithm for Auto correction using N-gram Indexing", International Journal of computer & Communication Technology, Volume 2 / VII, 2011, pp 23, June, 2011.
- H. K. Patel, IT-NU, "High Voltage Series switch & Crowbar Protection in RF Heating", Springer Journal of fusion energy, DOI 10.1007/s10894-011-9420-5, May, 2011.
- Devendrasinh Vashi, IT-NU, "Future Trends in Human" Machine Interfacej-Ca-Ets, Volume 3 : Issue 2, April, 2011.
- Devendrasinh Vashi, IT-NU, "Concept of Cloud Computing (CCC)", Ij-Ca-Ets, Volume 3 : Issue 2, April, 2011 .
- Priti Mehta, IP-NU, "Simultaneous RP-HPTLC Method for Determination of Levodopa, Carbidopa and Entacapone in Combined Tablet Dosage Form", Journal of Planar Chromatography, Vol. 24(3), pp 236-241 May, 2011.
- Sanjeev Acharya, Niyati Acharya, Vimal Kumar, IP-NU "Dietary Supplements: A Legal Status in India & in Foreign



Countries", International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 3 (3), pp 7-12, 2011.

- Somsuvra B. Ghatak, Shital J. Panchal, IP-NU, "Ulipristal Acetate- A Novel Oral Emergency Contraceptive: Hype Or Hope?", International Journal of Pharmaceutical Sciences Review and Research, 4(3), pp, 152-155, 2010.
- Somsuvra B. Ghatak, Shital J. Panchal, IP-NU. "Alogliptin: A Novel Molecule For Improving Glycemic Control In Type II Diabetes Mellitus", Current Diabetes Review, 2010, 6(6), 410-21.
- Shital J. Panchal, Mr. Somsuvra B. Ghatak, IP-NU, "Gamma-Oryzanol – A Multi-Purpose Steryl Ferulate. Current Nutrition and Food Science", Vol. 7(1), pp. 10-20(11), 2011.
- Shital J. Panchal, Ms. Shraddha V. Bhadada, Mr. Somsuvra B. Ghatak, IP-NU, "Investigation of the potential effects of metformin on atherothrombotic risk factors in hyperlipidemic rats", European Journal of Pharmacology", 659, Vol. 213–223, 2011.
- Shital Panchal, IP-NU, "A review on worldwide essential software resources in Pharmacy", Chronicles of Young Scientists, Vol. 2(1), pp 11-20, 2011.
- Shital Panchal, IP-NU, "Applications of computer in pharmaceutical management system", Pharma News Letter, Vol. 3(4), pp 6-7 2011.
- N.S. Acharya, S.R. Acharya, IP-NU, "Phytosomes: Novel Approach For Delivering Herbal Extract With Improved Bioavailability", International Journal of Pharmaceutical Sciences, Vol. 2(1), pp 144-160, 2011.
- Prerak Patel, Sanjeev Acharya, Niyati Acharya, IP-NU, "Potential of surface functionalized nanoparticles for improved therapy of refractory central nervous system disorders", Journal of Pharmacy Research, Vol. 4(4), 1093-1099, 2011.
- Renuka Mishra, IP-NU, "Design and development of rapidly dissolving films using ion exchange resin for taste masking," International Journal Drug Formula and Research, Vol. 2(2), pp 314-343, March-April, 2011.
- Shital Bariya, IP-NU "Sustained Release Floating Microspheres of Acyclovir: Formulation, Optimization, Characterization And In Vitro Evaluation", International Journal of Drug Development and Research, Vol 3(1), pp 242-251, 2011.
- Tejal Mehta, IP-NU, "Polysaccharides targeting strategy for colonic drug delivery", Expert Opinion on Drug Delivery, Vol. 8(6), pp 779-796, 2011.
- Tejal Mehta, IP-NU, "In-vitro evaluation of pectin as a compression coating material for colon targeted drug

delivery", International Journal of Pharma and Bio Sciences, Vol 2, Issue 2, pp 410-418, April - June, 2011.

- Nitesh Shah, Tejal Mehta, Avani Amin, IP-NU, "Colonic delivery of Metronidazole tablet using a double coating technique", Drug Delivery Technology, Vol. 11(4), pp 52-57 May, 2011.
- Mayur Patel, Tejal Mehta, IP-NU, "Design, development and optimization of colon targeted drug delivery system for Crohn's disease", J Pharm Edu Res, Vol. 2, Issue No. 1, pp 42-49, June, 2011.
- Manish Solanki, IDS-NU "Synthesis and Antimicrobial activity of novel Pyrazolo [3, 4-d] Pyrimidine derivatives" International Journal of Chemical and Analytical Science, Vol. 2 (2), pp 15-17, ISSN : 0976-1209, 2011.
- Pathik Shah, IDS-NU "Sorption Isotherm and column separation of Cu (II) and Zn (II) using ortho substituted Benzoic acid chelating Resin", Archives of Applied Science Research, Vol. 3 (3), pp 327-341, 2011.
- Harshita Chaudhary, Vikram Dhuna, Jatinder Singh, Sukhdev Singh Kamboj and Sriram Seshadri, IS-NU, "Evaluation of hydro-alcoholic extract of Eclipta alba for its anticancer potential: an in vitro study", Journal of Ethnopharmacology, 136; pp 363–367, 2011.
- Priyanka Solanki and Vijay Kothari, IS-NU, "Halophilic Actinomycetes: Salt-loving Filaments", International Journal of Life Sciences and Technology, Vol. 4(2) pp:7-13, 2011
- Shalini Rajkumar, Meenu Saraf and Tithi Saha, IS-NU, "Perspectives of PGPR in Agri-Ecosystems. Bacteria in Agronomy", Crop Ecosystems, 361-385. D. K. Maheshwari (Ed.) Springer –Verlag Berlin Heidelberg, 2011

Expert Lectures Delivered by Faculty

- Dr. Sandip S. Trivedi, IT-NU, "Geotechnical Investigations-Basics and Advances" Gujarat Institute of Civil Engineers and Architects, Ahmedabad, February, 2011.
- Dr. Sandip S. Trivedi, IT-NU, "Liquefaction Potential Analysis and its estimation", Staff Training College, R & B dept, Govt of Gujarat, Gandhinagar, April, 2011.
- Ms. Asha Verma, IL-NU "Alternative Dispute Resolution System as a tool for the Disadvantaged". National seminar, Rajasthan High Court Lowyers Application, 2nd-3rd April, 2011.
- Dr. Krishna Pal Malik, IL-NU "Juvenile in conflict with law and criminal justice system", Gujarat Police Academy, Karai, Gandhinagar, 26th April, 2011.

- Dr. Krishna Pal Malik, IL-NU "Role of police in protecting juvenile justice" UNICEF, Gujarat Police Academy, Karai, Gandhinagar, 11th-13th May, 2011.
- Prof. Vimal Kumar, IP-NU, "Need for National Policy for the Promotion of Herbal Drugs" MPCOST Sponsored National Conference, Sagar, 14th April, 2011.
- Dr. Nasreen Munshi, IS-NU, "Extrachromosomal Elements: Plasmids and Transposons", Department of Biotechnology, Pramukhswami Science and H.D. Patel Arts College, Kadi, 3rd May, 2011.
- Dr. Vijay Kothari, IS-NU, "Bacterial Diversity", GSBTM Workshop-BTCBC-2011, Sheth M N Science College, Patan, 7th May, 2011.
- Prof. G. Naresh Kumar, IS-NU, "DNA Packaging", GSBTM sponsored workshop, N. V. Patel College of Pure Sciences, Vallabh Vidyanagar, 14th May, 2011.
- Prof. C Gopalkrishnan "Innovative Pedagogical Approaches Implemented at the Institute of Management, Nirma University", LeBow college of Business, Drexel University, Philadelphia, U.S.A., 20th May, 2011.



Ph.D. Awarded

Dhaval Pujara, IT-NU, "Investigations on Low Cross-Polarized Antenna Systems at Microwave Frequencies", IIT - Roorkee, April, 2011.



Jignasa Savjani, IP-NU, "Design, Development and Pharmacological Screening of Novel Heterocyclic Molecules", Nirma University, April, 2011



Sandip S. Trivedi, IT-NU, "Seismic Ground Response Analysis and Microzonation Studies for Ahmedabad Region" IIT, Delhi, March, 2011.



Yogesh N Trivedi, IT-NU, "Performance Analysis of MIMO Wireless Systems Using Delayed CSI at the Transmitter", IIT, Kanpur, May, 2011.



M H Joshipura, IT-NU, "Studies on Equation of State for the Applications to Pure Components and Mixtures", Nirma University, January, 2011.



K M Patel, IT-NU, "Experimental investigations into electro discharge machining of TiC particles and SiC whiskers reinforced alumina ceramic composite", IIT, Delhi, February, 2011.



Students' Corner

Student Event: Blitzkrieg



A national level technical symposium, Blitzkrieg, 4th February, 2011, at IT-NU campus to develop the overall skills of the students.

Carrier counselling



IP-NU organized carrier counselling for 12th Pass students 30th June, 2011.

- 'Career Guidance Seminar for 12th Science students was organized on 21st May, 2011, IT-NU

Inter-Institute Sports Competitions organized by Student's Welfare Board, Nirma University, 1st April, 2011

Orientation program for existing students

- An orientation programme organized for the existing students (B.Pharm Sem-III, V, VII & M.Pharm Sem-III) Seminar Hall, IP-NU, 30th June and 1st July, 2011.

Students Achievements

- 12 students have been selected for Summer Internship programme at University of Southern California and Florida Atlantic University, May, 2011, IT-NU.
- Hitesh Agrawal, IL-NU, "Plea-bargaining; Present Status in India" published on www.legalservicesindia.com,
- Aishvarya, IL-NU, "Water Management and Climate Change: Dealing with Uncertainties", International Journal of Water Resources Development, Volume 27, Number 2nd June, 2011.
- Mr. Md. Yaseen Khan, IP-NU, Ph. D. scholar received INSPIRE fellowship from Department of Science and Technology, New Delhi for pursuing Ph. D.



Aishvarya, IL-NU, "Water Management and Climate Change: Dealing with Uncertainties", Asian Water, Singapore. Volume 27, No. 8, April, 2011.



Paper Presentation & Conference Participation:

- Hitesh Agrawal and Naiana Jain, IL-NU, "Disaster Management: Its impact in Law and Development". International Conference on Environmental Risk Management, 1st May, 2011, New Delhi.
- Akansha Gehlot, IL-NU, 'Influence of Cultural diversities on strategic human resource management', National Conference, Jodhpur, 2nd April, 2011.
- Ms. Gazal Choudhary, Siddhanth Pandey and Ayush Yadav, IL-NU, "Clean India 2011, National Conference, Sukuki Exnora Hyderabad, 22nd-23th April, 2011.



- Omkar Shrenikar, Priti Mehta, IP-NU, presented paper "Ice chromatography: A innovative technique in separation science", 15th International Conference of Chemists & Biologists, Saurashtra University, Rajkot, 4th - 7th February, 2011.
- Chirag D. Pathak, Gajjar Anuradha K, IP-NU, "Synthesis & Assessment of Analgesic Activity of Novel 2,5-disubstituted-1,3,4-oxadiazole", 15th International Conference of Chemists & Biologists, Saurashtra University, Rajkot, 4th - 7th February, 2011.
- Bhavesh Kuchhadiya, Gajjar Anuradha K, IP-NU, "Synthesis & Pharmacological Evaluation of 2,5-disubstituted-1,3,4-thiadiazoles", 15th International Conference of Chemists & Biologists, Saurashtra University, Rajkot, 4th - 7th February, 2011.

Industry Interface

Dept.	Name of Faculty Member(s)	Title of Consultancy Work	Funding Agency
IP-NU	Dr. Snehal S Patel, Department of Pharmacology	Phytochemical Evaluation of Herbal Formulations by HPTLC	Rajsha Pharmaceuticals Pvt Ltd.
Civil Engineering Department	Prof. Ketan V. Lakhtaria	Preparation of Computerised Schedule of Rates of G.W.S.&S.B.	Gujarat Water Supply and Sewerage Board
Electrical Engineering Department	Dr. P. N. Tekwani Dr. S. C. Vora Prof. P. N. Kapil	Motor burnout issues in heating chambers of Stenter	InspirOn Engineering Pvt. Ltd., Odhav, Ahmedabad
Chemical Engineering Department	Dr Jayesh Ruparelia, Prof.Femina Patel, Prof.Milind Joshipura, Prof.Parin Shah, Prof.Priya Patel, Prof. Sandip Sharma, Prof. Shibu Pillai, Prof. Santosh Kolte	Environment Audit Work	GMDC, Torrent Power, Meghmani Organics, Zydes, CEPT
Civil Engineering Department	Dr. U. V. Dave	"Repair and Rehabilitation of Concrete Structures"	PMC Projects Ltd. (ADANI)
Instrumentation and Control Engineering Department	Dr. Dipak Adhyaru K.D. Shah	Optimization of design of electrical panel for textile machine	InspirOn Engineering Pvt. Ltd., Odhav, Ahmedabad
Civil Engineering Department	Dr. P. H. Shah, Dr. S. S. Trivedi, Prof. N. C. Vyas	"Advances in Foundation Design"	R & B dept, Govt of Gujarat, Gandhinagar.

MDP

- Management Development Programme conducted for executives of Kalpataru Power Transmission Ltd. (KPTL) Gandhinagar from 15th September, 2010 to 7th April, 2011, IM-NU.

Testing work carried out at Departments, IT-NU

Dept.	Name of Faculty Member(s)	Title of Testing Work	Place and Address of Organization
Chemical Engineering Department	Prof. Nimish Shah	Solvent Dye testing	Anar Chemical Pvt Ltd
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Thermal conductivity of rockwool	Mamata Energy Ltd, Santej
Civil Engineering Department	Dr. U. V. Dave	Construction Material Tile Adhesive test	Dubond Ltd.
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Thermal conductivity of Isureflector	M & B Engineering Pvt Ltd, Ahmedabad
Civil Engineering Department	Dr. P. H. Shah, Dr. S. P. Purohit, Dr. P. V. Patel	Structural Design	Mott MacDonald
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Different tests for foam type insulation	Ice Make Refrigeration, Ahmedabad
Civil Engineering Department	Dr. P. V. Patel	Steel Test	Sahara Prime City Ltd.
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Different tests for foam type insulation	Stallion Enterprises, Mumbai
Civil Engineering Department	Dr. P. V. Patel	Core test	Dy. Ex. Er. (SBC Dn. 1/3C)
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Different tests for mineral wool as per IS 3144	Reliance Industries Ltd, Jamnagar
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Different tests for foam type insulation	Gajra Insulations, Mumbai
Mechanical Engineering Department	Dr V Lakhera, Prof N K Shah, Prof S V Jain	Thermal conductivity of cerawool	Simond Fibertech Ltd, Rajkot
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Thermal conductivity of sandwich type foam insulation	Sintex Industries Ltd, Kalol
Mechanical Engineering Department	Dr V J Lakhera, Prof N K Shah, Prof S V Jain	Thermal conductivity of foam type insulation	Mamata Energy Ltd, Santej



Co-curricular / Cultural / Sport Activities / Social Activities

- Literary and debate committee, IL-NU organized debate competition, 6th May, 2011.
- IL-NU organized workshop on "Effective Communication Skills" for XII standard student from 30th May- 10th June, 2011.
- Students of IL-NU observed Mega Lok Adalat conducted at various Courts in Ahmedabad and Gandhinagar to understand the proceedings of Lok Adalats, April, 2011.
- Computer Literacy Programme organised at Manthan Apang Kanya Seva Sankul, Hajipur March-April, 2011, IDS-NU.
- Helping Hands organised for the Salt Pan workers of Kutch district in association with the NGO-Agariya Heetrakshak Manch, IDS-NU.



Winners of the Debate Competition with other Participants and Faculties, IL-NU



Students of IL-NU organized Legal Literacy Camp at Thalthej Village, Ahmedabad



Literacy Camp, IM-NU

Cultural Activities

Earth Day Celebration



Faculties and students in Green, on the Earth Day organized on 22nd March 2011, IL-NU.



On this occasion an E-waste Bin was kept at the Institute premises to dispose off obsolete e-gadgets such as cell phones, keyboards, chargers, ear-phones etc at IL-NU.

Forthcoming Events

No.	Event Name	Date of Event	Institute
1.	National Level Seminar on Biological Sciences	6 th - 7 th September, 2011	Institute of Science
2.	Students Conference "International Humanitarian Law"	10 th September, 2011	Institute of Law
3.	Foundation Day	14 th September, 2011	Institute of Diploma Studies
4.	Foundation Day	3 rd October, 2011	Institute of Technology
4.	2 nd International Conference - NUICONE	8 th - 10 th December, 2011	Institute of Technology
5.	National Conference on Law Science & Society	27 th - 28 th January, 2012	Institute of Law

- 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

