

## Contents

• From the Director General's Desk	01
• Editorial	01
• Down the Memory Lane	02
• News at a Glance	06
• Dignitaries on Campus	07
• Events	09
• In Focus	11
• Staff Corner	13
• Research & Development	16
• Students' Corner	16
• Industry Interface	18
• Co-curricular/Social Activities	19
• Cultural/Sport Activities	20
• Forthcoming Major Events	20

### Editorial Board

#### Chairman

Prof. V. R. Iyer  
Institute of Technology(IT-NU)

#### Editor

Dr. Monica Rao, Nirma University(NU)

#### Members

Dr. Priti Mehta  
Institute of Pharmacy (IP-NU)

Dr. Kiran Gardner  
Institute of Law (IL-NU)

Shri G.Ramachandran Nair  
Institute of Management(IM-NU)

Dr. Sriram Seshadri,  
Institute of Science(IS-NU)

Prof. Anagha Thakur,  
Institute of Diploma Studies(IDS-NU)

Shri Sachin Sehgal, (IT-NU)

Dr.Namrata Bajaj ( IT-NU)

Dr. Nandita Choudhury ( IT-NU)

## From the Director General's Desk

I am glad to state that the Newsletter is now publishing its third successive issue. The newsletter gives you a glimpse of the developments and the updated status of University.

In an endeavour to continuously strive in the context of quality enhancement and sustainable growth, the university is accredited with National Assessment and Accreditation Council (NAAC).

Considering the coming decade as knowledge economy era, I express my deep faith in the skilled, qualified and talented pool of faculty who stand tall in the highly competitive environment. This volume unfolds their contributions in various fields strengthening my faith.

The University launches new programmes from time to time by adopting an approach in view of the fast paced advancements taking place outside the academic world. Looking into this, the recent months saw several new proposals being taken up by the university. This includes launch of 8 new M.Tech. Programmes, 1-year PGDCA programme, 2-year programme in M.Pharm. and 2- year LL.M. course. It is a progress which positively reinforces the worldwide eminence of Nirma University.

Furthermore, the entire university family is gratified to note the award of 'Padmashri' by Government of India to our President - Dr. Karsanbhai K. Patel in recognition of his contributions in various fields: Industry, Academics, Social Sector etc. Most importantly, this recognition is another encouragement for all of us for uplifting the university to still greater heights. This reminds me of the excerpts from 'Kathopanishad':

That person who is awake in those that sleep shaping desire after desire,that indeed is the pure. That is Brahman, that, indeed, is called the immortal. In it all the worlds rest and no one even goes beyond it.

He will remain a source of inspiration and motivation for all of us.

Enjoy reading!

**Dr. N. V. Vasani**



## Editorial

"Write to be understood, speak to be heard, read to grow....." Lawrence Clark Powell

Welcome to the year's first issue of volume III!

Writing an editorial for Nirma University newsletter allows me the freedom to discuss events held on campus with the highlights of faculty staff and students' progress. The issue opens with News at a Glance, followed by Down the Memory lane column with the glimpses of events from the year 2005 to 2007. You will enjoy reading article written by Dr. C. Gopalkrishnan, Director, Institute of Management on Quality in Higher Education and meaning of a Professional Educator based on his experience and insights during his academic carrier. The article is a good way to begin. Please read the article and get familiarized with Professional Educator. In addition, we discuss highlights of events, dignitaries on campus and other features.

Please stay tuned for the next edition of this newsletter where we will update you with the highlights of our forthcoming events and outstanding developments of our university.

It just remains for me, on behalf of our editorial team, to wish all our readers a happy and prosperous New Year and success in all your ventures.

As always, your news and comments mailed to [nu.newsletter@nirmauni.ac.in](mailto:nu.newsletter@nirmauni.ac.in) are welcome and we wish you all an enjoyable summer!

"If we don't change, we don't grow. If we don't grow, we are not really living."

-Gail Sheehy

**Dr. Monica Rao**

Editor





## Down the Memory lane

Institute of Technology (2005-2007)



Shri Narendra Modi, Naval Kishore Sharma, His Excellency Dr. Manmohan Singh, Shri Kapil Sibbal, Dr. K. K. Patel at Indian Science Congress, 2005



Shri Narendra Modi, Dr. A.P.J. Abdul Kalam, Shri Ashok Bhatt, Dr. K. K. Patel at Indian Science Congress, 2005



Shri Narendra Modi at exhibition during Indian Science Congress, 2005



Prof. Yashpal, Dr. Sam Pitroda, Dr. Madhu Mehta, Dr. Madhavan Nair, Shri Rakeshbhai, discussion in progress at ISC, 2005



Indian Geotechnical Conference, 2005



Dr. N. V. Vasani, Dr. Kirit Parikh, Shri Narendra Modi, Dr. K. K. Patel, Shri Bhupendrasinh Chudasama at International Workshop on Monsoon Climate Variability, 2005



Dr. N. V. Vasani, Shri Narendra Modi, Dr. K. K. Patel at Convocation, 2006



Dr. N. V. Vasani, Smt. Paruben Jaykrishna, Dr. Borko Furht, Mr. Gemawat at Gujarat Chamber Commerce and Industries, 2006





Shri S. K. Khanna, Dr. M. D. Desai, Prof. A. B. Patel, Dr. N. V. Vasani at NUCONE 2006



Institute of Technology, NU students' winner team of ROBOCON, 2006



Dr. N. V. Vasani, Shri Bharti Mittal, Dr. K. K. Patel at Convocation, 2007



Prof. S. N. Pradhan, Shri Harrick Vin, Dr. N. V. Vasani, Prof. A. B. Patel, Dr. H. V. Trivedi at NUCONE 2007

## Institute of Management



Prof. A. K. Singh, Shri Shrenikbhai Lalbhai, Dr. K. K. Patel at 8<sup>th</sup> Annual Convocation - Institute of Management, 2005



Shri N. Chandrababu Naidu at 10<sup>th</sup> Institute Lecture Series, 2005



Shri Ambubhai Patel, Dr. K. K. Patel, Dr. N. V. Vasani, Shri G. R. Nair, with Shri Subodh Kant Sahay, Union Cabinet Minister's on his Visit, 2005



Dr. N. V. Vasani, Shri Soli Saurabhji, Dr. K. K. Patel at 1<sup>st</sup> Convocation - Nirma University 2006





Prof. Bakul Dholakia addressing at the inauguration of 10<sup>th</sup> NICOM (Nirma International Conference on Management), 2006



Honorary Degree Award to Dr. K. K. Patel by Devi Ahilya Vishwavidyalaya, 2007



Shri T. N. Seshan at Institute Lecture Series, July, 2007



Mr. Richard Davenport, Minnesota State University with Dr. Upinder Dhar, Shri Ambubhai Patel, Dr. N. V. Vasani, & Others, 2007



Dr. N. V. Vasani, Prof. Uday Pareek, Mr. S. K. Roongta, Dr. K. K. Patel, Shri Ambubhai Patel, Dr. Upinder Dhar, 2007



Shri K. K. Patel, Dr. Lin Chase, Dr. Upinder Dhar, Prof. Mallikaarjun at Prayag - Management Conclave, 2007

## Institute of Diploma Studies



Shri H. R. Patel, Prof. Harshad R. Shah, Shri Shailesh Patwari, Dr. G.N. Gandhi, Dr. J.D. Rachh at seminar on Concerns of Energy Crisis in Chemical Industries, 2006



Prof Mamta Saiyad, Dr. H. V. Trivedi, Shri Soumen Bhattacharya, Prof. H. N. Prajapati at seminar on Present Trends in Plastic Technology, 2007





Prof. H. N. Prajapati, Prof A.B. Patel, Prof. Suresh Pareek at Seminar on SOC & Six Sigma 2007



Prof. H. S. Pandya, Prof. H. N. Prajapati, Shri B. S. Reuben, Prof. M.M. Shah, Prof. M. K. Pandya at seminar on Testing on Electrical Standards, 2007

## Institute of Pharmacy



Dr. Y .K. Agrawal, Dr Pankaj Shah, Dr. Jagruti A. Patel at NIRMA QUEST, 2006



Shri Ambubhai Patel, Dr. I. A. Modi, Dr. N.V. Vasani, 2006

## Institute of Law



Dr. Y K Agrwal, Dr. Prof. V. Krishnan, Dr. N.V. Vasani, Dr. C.K. Kokate, Shri Ambubhai Patel, Dr. Jagruti A. Patel at National Seminar, 2007



Shri Ambubhai Patel, Dr. N. V. Vasani, Shri S. N. Shelat, Shri B.J. Divan at inaugural of Institute of Law, 2007



Bar council member's visit, 2007



Panel Discussion on Use Of ICT in Governance of India: Ideas for a renewed nation.

## News at a Glance

### News Archives - Ultimate News

- Dr. Karsanbhai K. Patel, President, Nirma University, has been conferred "Padmashri" award by Government of India.
- Dr. N. V. Vasani, Director General, Nirma University, has been nominated as the first chairman of Indian Chapter of USA-Based Global Engineering Dean's Council (GEDC). The Indian Chapter of GEDC has been established under the Indian Society for Technical Education (ISTE). (Insert Media Clipping)

### Awards

- IM-NU has been conferred the Eduniversal International Scientific Committee "2 Palmes Good Business School Regionally Strong" award for International Influence-2009.
- DNA and Stars of the Industry Group awarded IM-NU as the best B-School with Innovate Marketing to Target Segement, 2010.

### Rankings

- Institute of Management, NU ranked among the top 20 B-Schools by AIMA B- school survey, published in the Indian Management, Oct, 2010.
- Competition Success Review [CSR] placed IM-NU in the category of the B-Schools of Excellence and ranked as the top 20 B-Schools of the country, Nov, 2009.
- Institute of Management, NU is ranked as one of the top 20 B-Schools by Careers 360, a national journal, published by Pathfinder Publishing Pvt. Ltd., Feb, 2010.

## New Programmes Introduced (2010-2011)

### FACULTY OF TECHNOLOGY & ENGINEERING

#### M.Tech. Programmes

	Intake
Instrumentation & Control Engineering (Control & Automation)	18
Chemical Engineering (Chemical Process & Plant Design)	18
Civil Engineering (Geomatics)	18
Electrical Engineering (Electrical Power Systems)	18
Information and Communication Technology	18
Mechanical Engineering (Design Engineering)	18
Mechanical Engineering (Computer Integrated Manufacturing)	18

#### Post Graduate Diploma in Computer Applications (PGDCA)

60

### FACULTY OF PHARMACY

#### M.Pharm.

Drug Discovery	05
----------------	----

### FACULTY OF LAW

LLM	25
-----	----

## NAAC Visit

The eight-member team of the National Assessment and Accreditation Council (NAAC), had a three-day visit to Nirma University from 3<sup>rd</sup> to 5<sup>th</sup> Feb., 2010. The team had Chairperson of NAAC, Prof. R. Natrajan, Prof. S. K. Kulkarni, Dr. Sandeep Sancheti, Prof. I. K. Bhat, Dr. Gautam Sanyal, Prof. Ramakrishna Vyas, Dr. Nagaraju and Mr. B. S. Madhukar.

The team perceived the university's strength as:

- Aesthetically laid out campus
- Excellent academic ambience for UG education
- Good placements for graduating students
- Very good information availability, transparency and documentation of systems and processes
- Effective use of ICT in teaching – learning process
- Well designed hostels with adequate facilities and amenities

Based on the above observation, the university is rated with 2.93 C.G.P.A. on a 4 point scale

## Padma for Venki, Mallika, Kumudini & Karsanbhai



(L-R) Venkatraman Ramakrishnan, Mallika Sarabhai, Kumudini Lakhia and Karsanbhai Patel

TIMES NEWS NETWORK

Ahmedabad: Seven Gujaratis figured in the list of Padma awards announced on Monday. Padma Vibhushan, the second highest civilian honour, was announced for Nobel laureate Venkatraman Ramakrishnan, who grew up in Vadodra and is now based in UK. He was decorated for his contribution to science and engineering.

Reacting to the award, Venki told TOI, "I am honoured and touched that the country of my birth has chosen to recognize our work with this award".

From Ahmedabad, dancer and activist Mallika Sarabhai, Kumudini Lakhia and Madhusudan Dhaky got Padma Bhushan for their contribution to arts. Sarabhai had also fought the Lok Sabha elections in December from Gandhinagar seat as an independent candidate. Dhaky is among the most renowned scholars in temple architecture in the country. His main contribution is the 'Encyclopaedia of Indian temple architecture' which was published in seven parts, besides writing 300 re-

search papers and eight books. Dhaky has also researched in Indian classical music, gems and agriculture.

Padma Shri went to Kalpesh Patel, who is with Assam regiment and is currently posted in J&K, also got a sena medal for gallantry posthumously. His classmate Captain Kupwara in J&K after he gunned down three terrorists in June last year.

Nirma group chairman Karsanbhai Patel, prof Pucadyil Ittoop John from Institute of Plasma Research in Gandhinagar and Dr Sudhir Parikh, an allergist and philanthropist from Gujarat based in New Jersey. Dr John specialises in plasma physics and researches in nuclear fusion.

► More reports, P 5, 11, 19 & 24

26th January 2010 Times of India Page No. 1



Shri G. R. Nair receiving DNA and STARS of the Industry Group Award as best B-School, IM-NU



NAAC team members presenting their report to Dr. N. V. Vasani, Director General, Nirma University



NAAC team members Prof. R. Natrajan, Prof. S. K. Kulkarni, Dr. Sandeep Sancheti, Prof. I.K. Bhat, Dr. Gautam Sanyal, Prof. Ramakrishna Vyas, Dr. Nagaraju and Mr. B. S. Madhukar. With Shri Ambubhai M. Patel, Dr. N. V. Vasani & NAAC steering committee of Nirma University



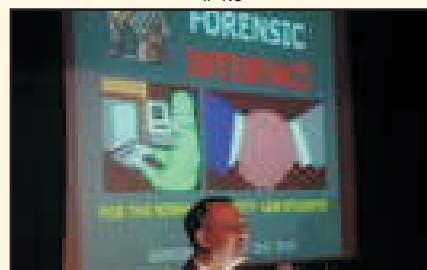
## Dignitaries on Campus

### Lectures Delivered

- Dr. Manjula Subramaniam, Gujarat Vigilance Commissioner, "Administrative Déviance: Corruption, Nepotism, Mal-administration", 18<sup>th</sup> November, 2009, IL-NU.
- Mr V V Ganeshan, AVP, NCDX, Mumbai, "Introduction to Commodity Exchange", 26 Nov, 2009, IM-NU.
- Dr. Shashikant Gupta, Professor at Centre of Measurement and Evaluation, NITTR, Bhopal, "Portofolio Based Learning" ISTE Faculty Chapter, 23<sup>rd</sup> Dec, 2009, IDS-NU.



Dr. Nikolas Kostopoulos,  
Holistic Health Centre, Greece  
IP-NU



Shri Keshav Kumar, Joint Director, Central Bureau of  
Investigation, "Police Forensic Interface", 27<sup>th</sup> Jan,  
2010, IL-NU



Dr. Camillus Power, Dean, Faculty of Pain and Medicine,  
College of Anaesthetics, Dubhi, Ireland



Prof. Leonid Shnayder, Stevens Institute of Technology,  
USA "Current State of the Pharmaceutical Industry", 11  
Jan, 2010, IP-NU. TAKE PHOTO and content  
FROM RADIANCE



Prof. A. K. Chakraborti, Prof. & Head, Medicinal Chemistry  
Department, NIPER, Mohali, "Sustainable Synthesis  
Through Novel Concepts", 13<sup>th</sup> Nov, 2009, IP-NU



Shri Saurabh Soparkar, Senior Advocate,  
High Court of Gujarat, "Amalgamation,  
Mergers and Acquisition", 14<sup>th</sup>  
November, 2009, IL-NU.



Dr. Ashwin Parikh, Managing Director,  
International  
Business Development



Dr. Sarikal Deshpande,  
Prof. K. B. I.P.E.R.,  
Gandhinagar



Prof. Michael Rathbone, Associate Professor,  
Pharmaceutics, School of Pharmacy, Griffith University,  
Australia, "Career Opportunities at Griffith University",  
13 Feb, 2010, IP-NU. TAKE PHOTO and content FROM RADIANCE

### Spiritual Discourse



Anandkrishnadas, Akshay Patra Foundation, Gandhinagar,  
"Art of Mind Control" 19<sup>th</sup> Jan, 2010, IP-NU



Brahamkumari Shivaniben,  
"Key to Success", 20<sup>th</sup> Feb, 2010, IDS-NU



Dr .C.V. Ramakrishnan, Former President & Head,  
Department of Biochemistry, M.S. University of Baroda,  
"Necessity of Interdisciplinary Courses and Research in  
Universities – Journey of Prof. Venkatraman  
Ramakrishnan" 17 Dec, 2009, IS & IP-NU.

## Dignitaries Visited

- K.D. Kansara, University of Bath, UK, IT-NU
- Dr. Girish Kumar, Professor-IIT Bombay, IT-NU
- Shri Shreyas Sheth, Amol Decalite, Navrangpura, Ahmedabad, Department of Mechanical Engineering, IT-NU
- Dr Sanjay Basu, Sandvik Asia Ltd., Ahmedabad, IT-NU
- Mr. Madhav Menon, Ozone Tech (Singapore) Pvt Ltd., Singapore, IT-NU
- Dr. Rajiv Sinha, Graffiti Uni, Australia, IT-NU
- Dr Surinder Singh, Drugs Controller General, India, IP-NU
- Shri Pankajbhai Patel, Chief Patron, Zydus Cadila Healthcare Pvt. Ltd., Ahmedabad, IP-NU
- Shri Sudhir Mehta, Patron, Torrent Pharmaceutical Ltd., Ahmedabad, IP-NU
- Shri I.M.Modi, Patron, Cadila Pharmaceuticals Ltd., Ahmedabad, IP-NU
- Shri Arjun Handa, Patron, Claris Healthcare Ltd., Ahmedabad, IP-NU
- Shri Dilip Sanghvi, CEO, Sun Pharmaceuticals Ltd., India, IP-NU
- Dr B Suresh, President, Indian Pharmaceutical Association, India, IP-NU



Prof. Santosh Kar,  
School of  
Biotechnology,  
JNU, New Delhi



His Excellency.  
Zephyrin,  
Burundi, NU



Prof. K. V. R. Chary,  
Dept. of Chemical  
Sciences, TIFR,  
Mumbai, IS-NU



Foreign Visitors at University Visit



Dr. David Taft, Dean, College of Pharmacy,  
Long Island University, and Brooklyn, New York, USA IP-NU



Dr. K. S. Dasgupta,  
Director, SAC,  
ISRO, IT-NU



Prof. Girish Shah,  
Laval University,  
Quebec, Canada  
IS-NU



## Events

### NICOM 2010

13<sup>th</sup> Nirma International Conference on Management, held from 7<sup>th</sup> Jan to 9<sup>th</sup> Jan, 2010 at IM-NU on “Managing Finance: Sustaining Shareholder Value”.

Mr. Uday Kotak, Vice Chairman and Managing Director, Kotak Mahindra Bank Ltd. inaugurated the conference. The Speakers at the Plenary sessions were Mr. Devang Desai (CFO, Adani Group), Mr. D. Ravishankar (Founder Director, Brickwork Ratings India Pvt. Ltd.), Prof. Andres Gallo (Faculty, University of North Florida), Prof. Ajeet Mathur (IIM, Ahmedabad), Mr. Sachinder Bhinder (Sr. VP, Kotak Mahindra Bank), Prof. Abhilash Nair (IIM, Kozhikode) and Prof. Bindi Mehta (Faculty, IMNU). The next conference NICOM 2011 shall be held from 6 to 8 Jan, 2011, on “Managing in Turbulent Times – Creativity, Innovations, Entrepreneurship, Leadership and Learnings”



Mr. Uday Kotak, Vice Chairman & Managing Director, Kotak Mahindra Bank Ltd at inauguration of NICOM-2010



Mr. Sachinder Bhinder, Sr. V. P., Kotak Mahindra Bank Ltd addressing at NICOM-2010

Dr. N. M. Bhatt,  
Dr. K. Kotecha,  
Shri Sunil Parikh,  
Dr. N. V. Vasani,  
Dr. H. V. Trivedi,  
Dr. U. V. Dave  
at inauguration of  
NUCONE 2009



### NUCONE'09

The 4<sup>th</sup> National Conference on “Current Trends in Technology” NUCONE 2009 was organized at IT-NU from 25-27 November, 2009. The conference was inaugurated by Shri Sunil Parekh, Advisor, Zydus Group and Suzlon Energy.

### 61<sup>st</sup> Indian Pharmaceutical Congress (11<sup>th</sup> to 13<sup>th</sup> Dec, 2009)



The 61<sup>st</sup> IPC with the theme “Pharma Vision 2020 – Building Trust in Safety and Efficacy of Medicines” was hosted by “All India Drugs Control Officers Confederation” in the premises of Nirma University. Around 10,000 delegates participated in this mega event. The conference was inaugurated by the Chief Minister (Govt. of Gujarat) Hon. Shri Narendrabhai Modi. Shri Jaynarayan Vyas, State Health Minister, and Shri Prbhatbhai Patel, Deputy State Health Minister were the Guests of Honour.

### National Seminar on “Alternative Synthetic Strategies for Drugs & Drug Intermediates”



The inaugural function was graced by Prof. C.J. Shishoo (Honorary Director, B.V. Patel Pharmaceutical Education & Research Development Centre) as the Chief Guest, on 13<sup>th</sup> Nov, 2009 at IP-NU.

### Republic Day Celebration



Shri Sudhir Mankad, Rtd., IAS, addressing on Republic Day, Nirma Campus, 26, Jan, 2010

### The Entrepreneurship Conclave 2009

The conclave was organized from 30<sup>th</sup> to 31<sup>st</sup> Oct, 2009, IM-NU on 'Entrepreneurial Journey-the First 1000 Days'. The chief guest was Ms. Paru Jaykrishna (Joint MD and Chairperson, Asahi Songwon Color Ltd and former President, Gujarat Chamber of Commerce & Industry). Mr. O. S. Vinod, CEO, Credit Guarantee Fund Trust for Micro and Small Enterprises, Mumbai, was the Chief Guest & Valedictory speaker.



Ms. Paru Jaykrishna addressing at Entrepreneurship Conclave, 2009, IM-NU



## HR Conclave 2009

HR Conclave – 2009 was held on 9<sup>th</sup> & 10<sup>th</sup> Oct, 2009 at IM-NU, on 'Human Resource Management: The Strategic Role – From Intent to Action'. The speakers of the conclave included Mr. Ranganathan, Chief General Manager, Gujarat Circle, State Bank of India, Mr. Rajiv Oza, GM (HR), Transformers and Rectifiers Ltd., Dr. Nirja Sharma, Vice President (HR) Motif Inc, Mr. Rakesh Gupta, VP (HR) Daimler India Commercial Vehicles Pvt. Ltd. and Mr. KYP Kulkarni, Senior Executive President and unit Head, UltraTech Cement Ltd.



Dr. Harismita Trivedi, Mr. Ranganathan, Shri K. K. Patel, Dr. C. Gopalkrishnan at HR Conclave IM-NU

## Workshop on ROBOTS

### Workshop

- Four day workshop on 'Communication Skills and Other Soft Skills' for Laboratory Assistants of the various institutes of Nirma University, 23<sup>rd</sup> to 26<sup>th</sup> Nov, 2009, IDS-NU.
- Two week training workshop on "Soft Skills for Office Staff of Nirma University" under ADR Cell 16<sup>th</sup> Dec to 2<sup>nd</sup> Jan, 2010.

### S(h)IFT: [Strategic, horsedeouvere, Innovative and Futuristic Thinking]

S(h)IFT is a fortnightly faculty development event initiated by IL-NU, to cater to the intellectual and professional growth of faculties from 6<sup>th</sup> Feb. 2010.

### Faculty Orientation Programme

One week, in-house Induction Training programme was organized for faculty members, 29<sup>th</sup> Dec to 4<sup>th</sup> Jan, 2010, IDS-NU



Inauguration of two days workshop on ROBOTS for school students on 25<sup>th</sup> Feb, 2010 by Mechanical Engineering Department, IT-NU.



School students at workshop on ROBOTS

## STTP - Seminars - Workshops - Training Programs - Conferences - Conclaves [Organized]

### STTP - Seminars - Workshops - Training Programs

- Low Power VLSI design, Jan, 2010
- Workshop on "Office Productivity Tools", Dec, 2009
- ISTE Faculty Chapter NU, Workshop on Google Apps Tools, Dec, 2009
- ISTE workshop on 'Effective teaching – learning of computer programming' organized by IIT- Bombay through distance education mode, Dec, 2009
- GUJCOST, Gandhinagar and ISHRAE-ASHRAE chapter National Seminar 'Effective Thermal Insulation for Energy Conservation', Jan, 2010
- One Day Seminar by Sandvik Asia Ltd., for student of B.Tech & M.Tech (CAD/CAM), Jan, 2010
- ROBOTS for School Students, Feb, 2010

### Coordinators \Department

- Prof. Amisha Naik, Prof. Tanish Zaveri, Electronics & Communication Engineering, IT-NU
- Prof. Saurin Parikh, Prof. Devendra Vashi, Computer Science & Engineering, IT-NU
- Prof. Saurin Parikh, Computer Science & Engineering, IT-NU
- Dr. S.N Pradhan, Prof. Vipul Chudasama, Computer Science & Engineering, IT-NU
- Dr V J Lakhera, Prof N K Shah, Prof S V Jain, Mechanical Engineering, IT-NU
- Prof. K M Patel, Prof A M Gohil, Prof D B Shah, Mechanical Engineering, IT-NU
- Prof. J M Dave, Prof. M M Chauhan, Mechanical Engineering, IT-NU





## Quality in Higher Education: What does it mean to be a Professional Educator?

Dr. C. Gopalkrishnan, Director, Institute of Management, Nirma University

In India, quality has been one of the serious problems facing the education sector, whether primary, secondary, or higher education. One of the recent reports quoted by the Economist said that only less than 25% of the engineering graduates from India are really employable. Graduates coming from other disciplines are equally not good or even worse, according to the report. In India, in the primary and secondary sector, a research by the World Bank reveals that “25 per cent of teachers in government-run schools are away on any given day. When the bank's researchers made spot checks, only half of those present were actually present.” (The Economist, Jan, 23, 2010). That is the real problem, the specter of which will haunt us in every sphere of our nation's development. While there are islands of excellence, quality has, unfortunately, not been at the top of the agenda for the large sector; it is merely numbers that matter.

Another aspect closely related to quality, of course, is what some of the top executives of a large, highly respected international organization had observed in a private meeting: “We have wonderful minds, but the problem is the mindset.” Unless we are willing to change our mindset, it is highly impossible to move further and faster.

### If this is so, what exactly are the causes of the problems?

One of the major reasons could be traced to lack or total absence of professionalism in education, as in the case of many other spheres of Indian life. Perhaps, it is equally applicable to a number of traditional societies, caught up in the process of economic development. This is because the

industry has developed in India reasonably well, an average Indian, irrespective of age, gender, religion, region and qualifications, still nurtures the mindset of the feudalistic society. The structures, systems, styles, and processes are also, in most cases, the legacy of the feudalistic economy creating mismatch with the requirements of the modern growing society. Industrialization in India has not resulted into development of an industrial society, post industrial society, and beyond.

### What does it really mean by profession or professional?

According to William J. Goode, a sociologist, the essential traits for professionalism are as follows:

1. The profession determines its own standards of education and training
2. The student professional goes through a far more reaching socialization experience than the learner in other occupations
3. Professional practice is often legally recognized in some form of licence
4. Licensing and admission boards are manned by members of the profession
5. Most legislation concerned with the profession is shaped by that profession
6. The occupation gains in income, power, and prestige and can demand higher caliber students
7. The practitioner is to lay evaluation and control





8. The norms of practice enforced by profession are more stringent than legal controls
9. Members are more strongly identified and affiliated with the profession than the members of other occupations
10. The profession is more likely to be a terminal occupation. Members do not care to leave it, and a higher proportion asserts that if they had it to do over again, they would again choose that....work. (W.J. Goode, "Encroachment, Charlatanism and the Emerging Profession" American Sociological Review).

According to sociologist Herbert Blumer: "Professionalization represents an indigenous effort to introduce order into areas of vocational life which are prey to free-playing and disorganizing tendencies of a vast, mobile and differentiated society undergoing continuous change. Professionalism seeks to clothe a given area with standards of excellence, (emphasis added) to establish rules of conduct, to develop a sense of responsibility, to set criteria for recruitment and training, to ensure a measure of protection of members, to establish collective control over the area and to elevate it to a position of dignity and social standing in the society." (Herbert Blumer in Preface to Professionalism by Vollmer and Mills).

In higher education in India, especially in the area of "professional education" some of the above features are present prominently but overall the process, as well as the attitude of the participants, is towards preparing for "occupations" rather than "professions." The only exceptions, perhaps, could be in Medicine and Professional Accountancy Programmes, where some of the features are present due to the control of professionals over the regulatory bodies. In addition, it is also a fact that the practitioners in these professions are few in number. Even here, as one can observe, some of the aspects related to professional values and attitudes are missing as a result of deterioration of certain cultural dimensions. However, a number of professionals maintain certain high standards, values and attitudes in these professions.

The question, therefore, is where do we go from here? To quote again from studies in sociology of professions and professionalization, the society may have to strengthen, the following aspects, as stated by Helen G. Hurd:

1. As professional adult educators, we need to incorporate in our work a sense of history
2. We need to realize the importance of relationships and interdependence (cooperation)
3. We need to understand the complexity of the world in which we work
4. We need to realize that we possibly do not know all there is to know, even in our own fields
5. We must never stop studying  
(Helen G. Hurd, "Who is a Professional? Journal of Cooperative Extension).
6. We (all the stakeholders) must develop higher levels of commitment to the task

If we, as professional educators, can incorporate some of the behaviors that are very essential to be a professional, we will move from mere occupation to true professionals.

Perhaps emphasis on Corporate Social Responsibility and privatization of education are the right steps in this direction as these will bring about changes in the structure, processes, skills, and systems which would pave the way to much better quality. The research evidence lends further credence to the above claim. According to James Tooley, a British academician, who advises a chain of low-cost for profit schools in India, "private sector education in poor countries routinely outperforms the free, taxpayer-subsidized version. Teachers turn up; parents complain if standards slip or pupils flounder." (The Economist, Op cit.)

Yet another answer may be introduction of performance related pay for teachers. For example, "two researchers, Karthik Muralidharan of the University of California at San Diego and Venkatesh Sundararaman of the World Bank tested the idea in 300 state-run schools in Andhra Pradesh" and found that "the extra pay was three times more effective in boosting student test scores than spending the same money on teaching materials." (The Economist, Ibid.)

To conclude, the answer to the quality problems could perhaps be found in professionalization of education.

## Staff Corner

### Achievements

- Prof. Nityesh Bhatt, IM-NU, received 'Best Teacher in Information Technology' award in the 17<sup>th</sup> Business School Affair & Dewang Mehta Business School Award ceremony, 5<sup>th</sup> Nov, 2009
- Prof. Devesh Baid, IM-NU, received All India 34<sup>th</sup> rank in I.C.W.A.I. final examination June 2009 & became associate member of I.C.W.A.I, Jan, 2010.

### Faculty Recognitions

- Prof. A.C. Brahmabhatt, IM-NU invited as External Referee for two Doctoral students from Argosy University, Chicago, USA.
- Prof. Mamta Saiyad, IDS-NU, reviewed a paper for 'Journal of Applied Polymer Science'.
- Prof. A.C. Brahmabhatt, IM-NU reviewed a paper entitled 'Optimal ordering and pricing policies for deteriorating inventory model under delay in payments and stock-dependent demand' for the International Journal of Business Insights and Transformation(IJBIT), Dec, 2009.

### Publications in Journals / Magazines

- Prof. G.C. Bhimani, M.N. Patel, IM-NU, Prof Sumeet Arora "Some Results on Maximum Likelihood Estimators of Parameters of Generalised Half Logistic Distribution under Type-I Progressive Censoring with Changing Failure Rate", Contemporary Maths Sciences, Vol. 5, no. 14, Pg. 685-698, 2010.
- Prof Parag Rijwani, IM-NU, "Analyzing the Impact of Prudential Norms on Banking Sector and Exploring the Preparedness of Banks in Implementing Basel II", H.L.I.C. Journal of Commerce, Dec, 2009.
- Prof. Sameer Pingle, IM-NU, "360 Degree Feedback: Appraisal or Development", HRM Review, ICFAI University Press, Hyderabad, Dec, 2009
- Dr. K Kotecha and Prof. Gaurang Raval, IT-NU, "Multi Resolution Feature based Active Handwritten Character Recognition" International Journal of Computer Science, Systems Engineering and Information Technology Vol. 3, Issue 1, pg 1-9, Jan-June, 2010
- Prof. M H Joshipura, IT-NU, "Development and Comparison of Cohesion Function Relationship for PR Equation of State", International Journal of Chemical Engineering Research , Vol 1 Issue-2, pg 123-134, Oct, , 2009
- Dr. S N Pradhan, Prof. Madhuri Bhavsar, IT-NU, "Scavenging idle CPU cycles for creation of inexpensive supercomputing power", International Journal of Computer Theory and Engineering, Vol. 1, No.5, Dec, 2009
- Prof. Samir B. Patel, Dr. S.N. Pradhan, Mr. Saumitra U. Ambegaokar, IT-NU, "A Novel Approach for Implementing Steganography with the Power Obtained by Combining CUDA with MATLAB", IJCSIS, Vol 6, Issue 2, November, 2009
- Prof. Samir B. Patel, Dr. S.N. Pradhan, IT-NU, "An Approach to Secure Highly Confidential Documents Files of any Size in the Corporate or Institutes having Unsecured Networks", IJCSIS Vol 6, Issue 2, Nov, , 2009
- Prof. S. C. Vora, IT-NU, "ADC Static, Characterization using Nonlinear Ramp Signal", IEEE Transaction on Instrumentation & Measurement, Online Journal, Oct, , 2009
- Prof U. V. Dave , IT-NU, " Performance Enhancement of RC Columns under different loading using FRP Composites", ICFAI University, Journal of Structural Engineering, Vol II, Issue- 4, Pg 47-59, Oct, 2009
- Prof. A. P. Naik and Dr. N. M. Devashrayee, IT-NU, "Characterization of a CMOS Differential Current conveyor using 0.25micron Technology" Journal of Advanced Engineering & Applications, Jan, 2010
- Prof. A. P. Naik, Dr. N. M Devashrayee, and Nilesh Patel, IT-NU, "Comparative analysis and Characterization of a Current Conveyor-II", Journal of Computer Science and Communication Vol-I, Issue-I, Jan, 2010
- Prof.A.P.Naik and Dr.N.M.Devashrayee, IT-NU, "Low voltage, High Slew rate: Differential Current Conveyor", IJ-ETA-ETS Vol.-3 , Issue-1,page 95, Jan, 2010
- Prof. Usha Sandeep Mehta, IT-NU, "Run length based Test data compression Techniques : How far From Entropy and Power Bounds?", An open access International Journal "VLSI Design"
- Prof. Varsha Nenwani, Pratima Doshi, Tithi Saha and Shalini Rajkumar, IS-NU, "Isolation and characterization of a fungal isolate for phosphate solubilization and plant growth promoting activity", Journal of Yeast and Fungal Research, Vol. 1(1) pp. 009-014, Feb, 2010.
- Prof. Kritika Sakalle and Shalini Rajkumar, IS-NU, "Isolation of Crude Oil Degrading Marine Bacteria and Assessment for Biosurfactant Production.", The Internet Journal of Microbiology, Vol 7, no 2, Feb, 2009.
- Prof. Dharini Soni, IDS-NU 'Bioplastics', News letter 'Plastic Sandesh' Gujarat State Manufacture Association-GSPMA, Jan, 2010.



- Prof. Sapna Joshi, IDS-NU, "Baby diaper – A Magic of super absorbent Polymer", News letter 'Plastic Sandesh' Gujarat State Manufacture Association-GSPMA, Jan, 2010.
- Prof. Parna Mukherjee and Prof. Madhuri Parikh, IL-NU, "Consumer Dispute Adjudication Mechanism in India: A Critical Analysis" Gujarat Law Reporter, Vol. (3), Issue 10, 31<sup>st</sup> Oct, 2009.
- Dr. Kiran Rai, IL-NU, "Improving Sales Persons Face-Time with Customers by Redefining Roles & Responsibilities", cover-story in the Jan issue, "Marketing Mastermind".

### Papers Presented in International Conference

- Prof. Sumeet Arora, IM-NU, "Corporate Social Responsibility: A Case Study of Indian Pharmaceutical Firms", IIM-B, 20 to 23 Dec, 2009.
- Prof. Sumeet Arora and Prof. Sameer Pingle, IM-NU, "Critical Analysis of Managerial Behavior of Future Managers" IIM- B, 20 to 23 Dec, 2009.
- Dr. Nasreen Munshi, IS-NU, "Environmental Issues in Emerging and Advanced Economies: Canada, India", Ahmedabad, 6<sup>th</sup> to 8<sup>th</sup> Dec, , 2009.
- Dr. Sriram Seshadri, IS-NU, "Cell Cycle Regulation" at 33<sup>rd</sup> All India Cell Biology Conference & International Workshop organized by School of Life Sciences, University of Hyderabad, 10<sup>th</sup> to 13<sup>th</sup> Dec, , 2009.
- Dr. Sriram Seshadri, IS-NU, "Reproductive Health", ICRH-2010 organized by Department of Zoology, University of Rajasthan, Jaipur and Indian Society for Sterility and Reproductive Fertility, Mumbai, 10<sup>th</sup> to 12<sup>th</sup> Feb, 2010.
- Prof. Femina J Patel, IT-NU, "Automobile exhaust emissions control with perovskites based catalyst", International conference on Emerging Trends in Chemistry at Center of advanced studies, Department of Chemistry, University of Pune, Jan, 2010
- Prof. Femina J Patel , IT-NU, "Recent trends in catalyst development for automotive exhaust emissions control" International conference on materials for the millennium (MatCon - 2010) at Department of Applied chemistry, Cochin University of Science and Technology, Thrikkakkara, Kochi, Jan, 2010
- Prof. Gaurang Raval & Mr. Paresh Solanki, IT-NU, "Performance Evaluation of Routing Protocols for Wireless Sensor Networks", VLSI Design and Communication Systems, at Chennai January, 2010.
- Dr. K Kotecha & Prof. Gaurang Raval, IT-NU, "Multi Resolution Feature based Active Handwritten Character Recognition" International Conference on Trends and Advances in Computation and Engineering at Barkatullah University, Institute of Technology, Bhopal, India Feb, 2010.
- Prof. Dipak Parmar, IT-NU "Numerical Heat Transfer Analysis for Heat Generating Coil", International Conference on Advances in Mechanical Engineering (ICAME-2010) at SVNIT, SURAT, Jan, 2010.
- Prof V R Iyer, IT-NU, "Implementation of TQM in a forging Unit - Case Study", International Conferences and Advances in Industrial Engineering Applications (ICAIEA) at Guindy Campus, Anna University, Chennai, Jan, 2010
- Dr V. J. Lakhera, IT-NU, "Enhanced boiling outrich 8X3 plain and coated tubes bundles" International ISHMT - ASME Heat & Mass transfer Conference, IIT, Bombay, Jan, 2010
- Prof. Vaibhav Shah, IT-NU, "Terrorism and Counter-terrorism - A reading of Orhan Pamuk's Snow" Chandigarh, Feb, 2010
- Dr. Nandita Choudhury, IT-NU, "Writing: An Integral Aspect of Technical Communication", ICEG-2010 Kongu Engineering College, Erode, TN, Jan, , 2010
- Dr Sanjay Patel, IT-NU, "Well Stimulation and EOR", International Conference Well Stimulation and EOR, China Apr, 2010
- Prof. D. M. Adhyaru, IT-NU, "Reinforcement learning based control system and its stability analysis", ISCAR 2010, DDIT, Nadiad, 2010
- Prof. P. N. Kapil, IT-NU, "Design and Development of Three Phase Diode Point Clamped Active Front End Converter" International Conference on Electrical and Energy Sysytem 2010, Singapore, Feb, 2010
- Prof. Gaurang Raval, Mr. Paresh Solanki , IT-NU, " Secure Information Aggregation in Wireless Sensor Networks – A Survey", International conference on Sensors and related networks - SENNET '09, VIT University, Vellore, Dec, 2009
- Prof. Vibha Patel, IT-NU, "Study and comparison of various approaches for Parallelization of MPEG-2 Encoder and Decoder", "Recent Trends in Soft Computing and Information Technology", Corporate Institute of Science and Technology, Bhopal, Jan, 2010
- Prof. J. G. Jamnani , IT-NU, "Computer Aided Optimized Design, Simulation and Comparison of Synthetic Test Circuit for Testing 800 kV Rating Circuit Breakers", International Conference IEEE international technical conference, TENCON 2009, International Convention Centre, SUNTEC City, Singapore, Nov, 2009



- Prof. Sachin Gajjar , IT-NU, "Factors influencing wireless sensor network design" International conference on signal, systems and automation (ICSSA-09), GCET V.V.Nagar, Dec, 2009
- Prof. Tanish Zaveri, IT-NU, "A Novel Hybrid Pan sharpening Method Using Contour let Transform. A novel Multimodality Image fusion Method using Region consistency rule", international conference on Pattern Recognition And Machine Intelligence, IIT Delhi, Dec, 2009
- Prof. Dhaval Pujara , IT-NU, "Design of a special feed for an offset parabolic reflector antenna with wide cross-pol suppression bandwidth" 12<sup>th</sup> International Symposium on Microwave and Optical Technology, New Delhi, Dec, 2009
- Prof. A. P. Naik , IT-NU, "Offset Reduction in CMOS CFOA", International conference on signal, systems and automation (ICSSA-09), GCET, V.V.Nagar, Dec, 2009
- Prof. Usha Sandeep Mehta , IT-NU, "Hamming distance based recording and coloumwise bit suffering with distance vector: A better scheme for test data compression with run length based codes" International Conference IEEE Conference VLSI, 2010, Bangalore, Jan, 2010
- Prof. Usha Sandeep Mehta , IT-NU, "Run length based Test data compression Techniques: How far From Entropy and Power Bounds?" International Conference IEEE Workshop-RASDAT - 2010, IISC, Bangalore, Jan, 2010
- Prof. H. K. Patel , IT-NU, " Design & development of high voltage scheme for crowbar in RF heating", International Conference IEEE, Texas, USA, Oct, 2009
- Prof. Dipak M. Adhyaru , IT-NU, "Constrained Control of Weakly Coupled Nonlinear Systems using Neural Network:", International Conference Premi'09, IIT Delhi, Dec, 2009
- Prof S V Jain, Dr N M Bhatt & Dr V J Lakhera, , IT-NU, "A novel design of octagonal line focusing solar collector", International Conference on 'Advances in Energy Research', (ICAER) 2009, IIT Bombay, Dec, 2009
- Prof N K Shah, IT-NU, "Turbulence Variation Analysis of Internal Combustion Engine Processes", International Congress on Computational Mechanics and Simulation, IIT Bombay, Dec, 2009
- Prof. S.A.Mehta, IT-NU, "Data Acquisition System using ATMEGA16 Micro Controller and Process identification using MATLAB", ISCAR 2010, DDIT, Nadiad, Jan, 2010
- Prof. Madhuri Parikh, IL-NU, "Concern for Climate Change and Sustainable Development: A Legal Perspective", International Conference on Climate Change and Sustainable Management of Natural Resources, 10 to 12 Nov, 2009, Institute of Allied Sciences and Computer Application (IASCA), ITM , University, Gwalior, M.P.
- Mrs. Parna Mukherjee, IL-NU, "CO2 Sequestration: Unsustainable Option!", "Climate Change & Sustainable Management of Natural Resources", Gwalior, Madhya Pradesh, 10 to 12 Nov, 2009.
- Dr. Purvi Pokhariyal, IL-NU, UGC sponsored Workshop on "International Humanitarian Law", Dept. of Human Rights and International Humanitarian Law, Saurashtra University, Rajkot, 24-28 Oct, 2009.
- Prof. Madhuri Parikh, IL-NU "Cap and Trade System: A boon or bane", "Environmental Issues in Emerging and advanced Economics: Canada, India" 6<sup>th</sup> to 8<sup>th</sup> Dec, 2009, Department of Chemistry & James Reaney Canadian Centre, Gujarat University, Ahmedabad.
- Dr. Kiran Rai, IL-NU, "Environment Management through CSR", "Environmental Issues in Emerging and advanced Economics: Canada, India" 6<sup>th</sup> to 8<sup>th</sup> Dec, 2009, Department of Chemistry & James Reaney Canadian Centre, Gujarat University, Ahmedabad
- Dr. Kiran Gardner, IL-NU, "Legal Aspects of Kyoto Protocol", "Environmental Issues in Emerging and advanced Economics: Canada, India" 6<sup>th</sup> to 8<sup>th</sup> Dec, 2009, Department of Chemistry & James Reaney Canadian Centre, Gujarat University,
- Prof. Parna Mukherjee, IL-NU, "Toxic world of E-Waste", "Environmental Issues in Emerging and advanced Economics: Canada, India" 6<sup>th</sup> to 8<sup>th</sup> Dec, 2009, Department of Chemistry & James Reaney Canadian Centre, Gujarat University, Ahmedabad
- Prof. Deb Ranjan Hota, IL-NU, "Scheduled Tribes (Recognition of Forest Rights) Bill A View From Sociology and Call for Dialogue", "Environmental Issues in Emerging and advanced Economics: Canada, India" 6<sup>th</sup> to 8<sup>th</sup> Dec, 2009, Department of Chemistry & James Reaney Canadian Centre, Gujarat University, Ahmedabad.
- Prof. Pooja Podar, IDS-NU, "Automated Across Wind Response of Tall Buildings", 'Advances in Concrete, Structural and Geological Engineering', BITS, Pilani 25<sup>th</sup> to 27<sup>th</sup> Oct, 2009.
- Prof. Lipi Chhaya, IDS-NU, "Promotion of Scientific and Technological Temper-Empowering India by creating scientific and technological ambiance", International Conference HSCI-2009 at Science City, Ahmedabad, 27<sup>th</sup> to 31<sup>st</sup> Oct, 2009.



## Research & Development

### ONGOING MINOR RESEARCH PROJECTS FUNDED BY NIRMA UNIVERSITY, IT-NU

Sr. No.	Area of Research	Project Investigator
1.	Synthesis of perovskites based catalyst (reactive grinding ball milling) for automotive exhaust emission control	Prof. Femina Patel
2.	Degradation of Organic Compound in industrial wastewater using Algae	Prof. Parin Shah
3.	Experimental and Theory Studies on Effect of Particle Size of Lignite on Kinetics, Specific Gasification Rate, Calorific Value of Gas and Conversion Efficiency of Gasifier Fueled with Lignite	Dr R. N. Patel, Prof S V Jain
4.	Feasibility study of NOx reduction by Exhaust Gas Recirculation in Biodiesel Fueled C I engine	Dr. R. N. Patel, Prof. A. M. Lakdawala
5.	Investigations on Pump as Turbine (PAT) for Micro Hydropower Plants	Dr R. N. Patel, Prof S V Jain

### MINOR RESEARCH PROJECTS FUNDED BY GUJCOST

Prof. Vijay Kothari, IS-NU, "Student SCITECH Project Scheme", 18<sup>th</sup> Jan, 2010

## Students' Corner

### Student Events



i Fest



Chemozale



Perspective – 2010, the annual academic festival of IM-NU was held on Feb, 12-13, 2010. Total 12 events (including two online events) were organised.



Collosium



Ingenium

### Students' Achievements



Ms. Mitsu Parikh, IL-NU sent model paper on "Children in armed conflict", Harvard MUN (HNMUN) Competition which is selected by the team of Harvard University. She is invited to attend the conference as a sponsored delegate in Feb, 2010 organized at Harvard University, Boston. She was adjudged as the third best delegate at the conference and received prize of one thousand dollar.

### Paper Presentation :

- Jagruiti Dekavadiya and Divyangna Jhala, IL-NU, presented the paper, "Paving the way toward an Effective Patent System in India" in the International Conference on "Emergent Business Models and Strategies for the Knowledge Economy: Impact on Business, Government and Society", 19<sup>th</sup> to 21<sup>st</sup> Nov, 2009, Indian Business Academy (IBA), Bangalore

## Students' Achievements



- Ms. Mitsu Parikh, IL-NU submitted online presentation on "Language and Linguistics in the humanities" to the Humanity conference to be held in Los Angeles. Her paper is selected for the online presentation in the said conference.
- A paper on "Corruption & Indian Judiciary – A Quandary" by Ms. Mitsu Parikh and Mr. Dhiraj Sejwani, IL-NU is selected for the publication and presentation in International Conference on Good Governance and Human Rights (CGGHR 2010) sponsored by Social Science and Humanities Society of IACSIT, Economics and Business Society, IACSIT and etc. in Feb, 2010 at Singapore.
- Ms. Jagruti Dekavadia, IL-NU, sent a paper at the 8th International Conference on New Dimensions of Humanities organised by University of California Los Angeles, USA in Feb, 2010. It is accepted and is available at [http://h10.cgpublisher.com/proposals/43/index\\_html](http://h10.cgpublisher.com/proposals/43/index_html).
- The Moot Court team of IL-NU participated in 2<sup>nd</sup> IIPS Intellectual Property Law, Moot Court Competition, organized by SVKM University, Mumbai, from 5<sup>th</sup> to 7<sup>th</sup> Feb, 2010. The Team secured 1st Position. The Members of the Moot Court Team were: Mr. Swarnabh Dutta, Mr. Tarpit Patni and Ms. Vijita Mohnan.
- The team comprising of Ashish Surjan and Manish Lalwani IM-NU conquered first place in Business Simulation game FEVERPITCH of Samanvay, IIT-M from 29<sup>th</sup> to 31<sup>st</sup> Jan, 2010.
- Akhil Goyal and Ravilochanan IM-NU won second prize in Mergers and Acquisitions event 'Latitude', GLIM, Chennai, Jan, 2010.
- Ashish Surjan, Ritesh Baranwal and Akhil Goyal, IM-NU won first prize in FIN Q, organized by SIBM Bangalore. Mr C. B Bhawe, SEBI chairman awarded them in the National Level Finance Summit in Mumbai, 2<sup>nd</sup> Feb, 2010.
- Karan Chawla and Vipul Yadav, IM-NU, reached the semi-finals of the quiz at IIM-A 'Confluence'.
- Karan Chawla and Dhavalkirti Thakker, IM-NU, participated



Two teams comprising of (i) Ms Shatakshi Johri and Ms Sneha Singh and (ii) Ms. Himani Baid and Ms. Abhilasha Jindal IL-NU participated and presented papers on the topics, "Euthanasia: Accepted Worldwide, an awaited taboo in India" and "Live-in- relationship: Compensation but not maintenance" in National Seminar on "New Dimensions of Law", 22<sup>nd</sup> and 23<sup>rd</sup> Oct, 2009, Ludhiana and won the Best Presentation award.

and won the online quiz of Tapmi and dare2compete.com.

- The team of Karan Chawla and Vipul Yadav, IM-NU, stood 2<sup>nd</sup> in the sports quiz and business quiz held at MICA, 7<sup>th</sup> and 8<sup>th</sup> Nov, 2009.
- The team of Karan Chawla and Vipul Yadav, IM-NU won the Business quiz held at IBS, Ahmedabad, 6<sup>th</sup> Nov, 2009.
- Ashish Surjan, Khozema Merchant, Shivjeet Rajput, IM-NU participated in Operations Management event named Boot-Strap at IMT-Nagpur and stood second.
- Four teams from IMNU participated in the National Student Management Games organised by AIMA, New Delhi. The team composition was as under:  
Abhijit C P, Pankaj Kaul, Pratish Nair and Rushi Vasani  
Ankit Mittal, Arjun Chawla, Dhaval Thakker and Jason Monserrate  
Ankit Gupta, Ankur Verma, Rohan Mathur and Vikram Joshi  
The game involved simulation of business environment. Team 1 progressed to the regional finals. Team 2 and 3 stood a close third in their respective groups.
- Nikunj Selani and Harshal Choksi, IDS-NU participated in Model presentation and secured first prize in 6<sup>th</sup> ISTE State Level Student Convention, Sankalchand Patel College of Engineering, Visnagar, 7<sup>th</sup> Oct, 2009
- Niyati Kukadia, IDS-NU participated in paper presentation and secured first prize in 6<sup>th</sup> ISTE State Level Student Convention, Sankalchand Patel College of Engineering, Visnagar, 7<sup>th</sup> Oct, 2009.

## Paper Publication

An Article by Mr. Aamirkhan Safikhan Pathan, IL-NU, "Protective Laws for women under Indian Judiciary System", in Gujarat High Court Judgment, Nov, 2009



## Industry Interface

### Management Development Programme (Open) at IM-NU, 2009-10

Sr. No	Name of the Programme	Date	Programme Leader
1.	Strategizing Corporate Responsibility	Nov, 26-27, 2009	Prof. Bindi Mehta
2.	Organization Integration Through Effective Teams	Feb, 11-13, 2010	Prof. Nina Muncherji

### Management Development Programme (In -House), IM-NU, 2009-10

Sr. No	Name of the Programme	Date	Programme Leader
1.	Torrent	Nov, 10-12, 2009	Prof. Harismita Trivedi Prof. Nina Muncherji
2.	Indian rayon	Nov, 16-17, 2009	Prof. Harismita Trivedi Prof. TS Joshi
3.	ONGC Ltd	Dec, 14-19, 2009	Prof. Sapna Parashar Prof. Parag Rijwani
4.	GMDC Ltd	Jan, 28-29, 2010	Prof. Sapna Parashar Prof. Nityesh Bhatt
5.	INSPIRON Engineering Pvt. Ltd.	Feb, 16-18, 2010	Prof. C. Gopalakrishnan Prof. H.K. Srivastava Prof. Neeraj Amarnani Prof. Harismita Trivedi

### Faculty Development Programme IM-NU, 2009-10

Sr. No	Name of the Programme	Date	Programme Leader
1.	Teaching Tools & Techniques for Management Teachers	Nov, 19-21	Prof. Nina Muncherji
2.	Export Import Management	Feb, 3-5, 2010	Prof. P.K. Chugan
3.	Advances in International Business	Feb, 21-23, 2010	Prof. Deepak Srivastava

### Testing Work - In Departments

Department	Name of Faculty Member(s)	Title of Testing Work	Place and Address of Organization
• Dept. of Chemical Engineering	Dr Sanjay Patel	Testing of Organic	Meghmani Organics, Sanand
• Dept. of Civil Engineering	Liquid Samples		
• Dept. of Civil Engineering	Prof.P. V. Patel	Tension test	Accurate Lab
• Dept. of Civil Engineering	Prof.U. V. Dave	Bricks Testing	Meenal Ceramics
• Dept. of Civil Engineering	Prof.U. V. Dave	Adhesive Testing	Shri Sai Sadhna Associate
• Dept. of Mechanical Engineering & Prof S V Jain	Dr V J Lakhera, Prof N K Shah	Thermal Conductivity	Clisim Air Con Pvt. Ltd.
• Dept. of Mechanical Engineering	test of Thermal Insulation	Bangalore	
• Dept. of Mechanical Engineering	Dr V J Lakhera, Prof N K Shah,	Thermal Conductivity Test	Baroda Insulation, Baroda
• Dept. of Mechanical Engineering	Prof S V Jain		
• Dept. of Mechanical Engineering	Dr V J Lakhera, Prof N K Shah,	Thermal Conductivity Test	Floor Guard, Ahmedabad
• Dept. of Mechanical Engineering	Prof S V Jain		
• Dept. of Mechanical Engineering	Dr V J Lakhera, Prof N K Shah,	Thermal Conductivity Test	Mr Shield International,
• Dept. of Mechanical Engineering	Prof S V Jain	Ahmedabad	
• Dept. of Mechanical Engineering	Dr V J Lakhera, Prof N K Shah,	Thermal Conductivity Test	CLISIM AIRCON PVT LTD..
• Dept. of Mechanical Engineering	Prof S V Jain	Bangalore	
• Dept. of Mechanical Engineering	Dr V J Lakhera, Prof S V Jain	Determination of thermal	ShreeRam Equitech
	conductivity of rock wool	Pvt Ltd, Durg (C.G.)	
	insulation		

## Consultancy Work by the Faculties / Department

Name of Faculty Member(s) / Department	Title of Research Work	Place and Address of Organization, (Collaborative)
Prof. J. G. Jamnani, Dept. of Electrical Engineering, IT-NU	Calculating and Furnishing Electrical data for the design of 400 KV DC Transmission	Kalpataru Power Transmission Limited, Gandhinagar
Dr. Sanjay Patel, Dept of Chemical Engineering, IT-NU	Consultancy work for Approval of Micro-Industry, Keshav Chem	Keshav Chem, Piplaj, Ahmedabad
Dr. D. S. Sharma, Prof. V. M. Bhojawala, Prof. N. P. Patel, Dept. of Mechanical Engineering	Design of Moving Tower	Oriental Manufacturers, Ahmedabad
Prof. Vipul Shah , Prof. Parin Shah, Prof. Sandip Sharma	Alliance to Save SMEs	GREEN, Vatva GIDC, Ahmedabad

## Initiative



Institute of Science, NU constituted Institute of Science Advisory Committee (ISAC). Discussion in progress.



Shri K. K. Patel & Shri Ashishbhai Desai at University Stall, Bangkok, 6<sup>th</sup> Feb, 2010



High Commissioner of India Nirma University Stall, 6<sup>th</sup> Feb, 2010

## Co-curricular / Social Activities

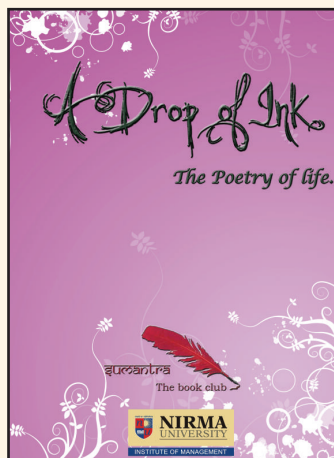
### Co-curricular

#### FINE\$SE

The finance club of IM-NU, Inter-college, on-line events: The Finance club organized 2 major inter-college events: Money Messiah: A portfolio simulation game, 12<sup>th</sup> to 13<sup>th</sup> Feb, 2010. The Longs and the Shorts – An Equity Research Contest, 13<sup>th</sup> Feb, 2010.

#### SUMANTRA

The Sumantra, the Book Club organized two events “A drop of Ink”, English poem recitation and “Shabdanjali”, Hindi poem recitation, 21 Feb, 2010. The club Sumanta also organized a book review session during Nirma International Conference on Management, 7<sup>th</sup> to 9<sup>th</sup> Jan, 2010.



### Blood Donation Camp



ISTE student Chapter, IT-NU organized. Blood Donation Camp, 12<sup>th</sup> & 13<sup>th</sup> Feb, 2010 in collaboration with Red Cross Society.

### Elderly Care Campaign



ECON arranged a visit to Krishna Vriddhashram, Gandhinagar on 15<sup>th</sup> Nov, 2009 by IDS-NU. The objective of the visit was to donate the amount generated by selling card from exhibition of greeting cards. They also donated towels, distributed biscuits and chocolates to the elderly people.



## Cultural / Sport Activities

### Cultural Activities

#### 'CHEHRE'

Dramatics Club of IM-NU, organized its first workshop series, with a "2-day Workshop on Film-Making of Short Films", 24<sup>th</sup> to 25<sup>th</sup> Nov, 2009.

#### 'Club Fiesta'

The Music Club of IMNU, organized a session on fundamentals of Guitaring, 8<sup>th</sup> Oct, , 2009 and a workshop on Latin Dancing, 13<sup>th</sup> Nov, 2009.

### Sports

#### Sprint

Students of IM-NU participated in the event 2010 organized by S P Jain Institute, Mumbai and scored 180 points in the tournament. Satyajit won Gold medal in Shot-put, Silver medal in 400m., 200m., 100m, and Nirmal Patel won Bronze in Freestyle 50 m swimming. The team interacted with Shah Rukh Khan who was the quizmaster. They also won a mobile phone and LCD TV for their performance in the grand finale..



#### 'Richter 10'

The cultural annual fest of IM-NU was held on 4<sup>th</sup> and 5<sup>th</sup> Dec, 2009. There were seventeen events, including LAN gaming, face painting, scavenger hunt, solo singing, stage play, antakshari, solo and group dance, junkyard arts, street play, rangoli, show time, treasure hunt, personality competition, fashion show, t-shirt designing and collage making spread over two days. The participants were from IIM-A, IIM-K, FMS, JBIMS, Welinkar, XIM-B, IMT-Nagpur, MICA, IBS, IBMR, SVIM, Somlali institute of management, ICFAI, etc. The event also included Star Night, with bollywood music director & singer Vishal & Shekhar.



Annual Sports function was organized from 16<sup>th</sup> to 18<sup>th</sup> Feb, 2010 at inter institute level. During these days, various games were played between different Institutes under Nirma University.



## Forthcoming Major Events

**Following are the forthcoming self financed ISTE sponsored STTPs at IT-NU from 21<sup>st</sup> to 26<sup>th</sup> June, 2010**

- Advances in Networking Opportunities & Challenges, Computer Science Engineering
- Network Protocols & Information Security, Computer Engineering
- Embedded System Design with Arm Processor , Computer Engineering
- Programming on Multi Core Platforms, Electronics & Communication
- Advances in Digital VLSI Design, Electronics & Communication
- Environmental Monitoring & Analysis, Chemical Engineering
- Environmental Management for Sustainable Industrial Development, Chemical Engineering
- Resent Trends in Electrical Drives, Electrical Engineering
- Electrical Machines Analysis using Finite elements Packages, Electrical Engineering
- Soft Skills for Academic Effectiveness in Technical Institute, Mathematics & Humanities
- Current Trends in Industrial Instrumentation & Automation, Instrumentation and Communication Engineering
- Advances in Casting Process , Mechanical Engineering