



NIRMA
UNIVERSITY

Nirma University

Newsletter

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News at a Glance

Rankings

IM-NU has been ranked as the 9th Best B-School in the country and rated under 'Super League 2' category by the survey conducted by the All India Management Association and published in Business Standard and Indian Management - May 2012 issue, the 19th Best B-school in the country by a survey conducted by The Week – HANSA Research – Business Management College Survey 2012 and published in The Week June 2012 issue and the 13th Best B-School [perceptual ranking] in the country by a survey conducted by Ipsos B-school Survey 2012 and published in the (special issue) of Business World June 2012 issue.

Awards

IL-NU conferred with Institutional Excellence Award, 2012 as the most preferred Law colleges in SAARC Countries, by Society of Indian Law Firms (SILF) which is a collective venture of India's Top Corporate Law Firms and the only representative body for Law Firms of India till date. The award will be conferred to the Director of Institute of Law on September 7, 2012 at Hotel Lalit, New Delhi.

M.O.U.s.

An MoU with Microsoft, for Microsoft DreamSpark Program, was signed by IT-NU in August 2010. It has subsequently been renewed on March 20, 2012 and is valid upto March 30, 2013.

An MoU has been signed on June 30, 2012 by Nirma University with Piramal Pharmaceutical Development Services Pvt. Ltd. as a recognized Centre of the University for doing doctorate (Ph.D.) in the field of Pharmaceuticals.



The MoU was signed by Dr. C. Gopalkrishnan – Dean, Faculty of Doctoral Studies & Research on behalf of Nirma University and by Dr. Vipin Dhall – Vice President and Site Head on behalf of Piramal Pharmaceutical Development Services Pvt Ltd.



An MoU is signed between IP-NU and Ayurlab Herblabs Pvt. Ltd, Vadodara for Academic Research collaboration on March 12, 2012.

New Programmes

IT- NU has started a new M. Tech. programme in 'Embedded Systems' offered by Electronics and Communication Engineering Department, a new "M. Tech. by research programmes" in all departments and M. Tech. in Information and Network Security by CSE department.

Director General's Message

The present issue of University News is being published at a stage, when we have an exciting atmosphere of welcoming new batches of students who are admitted in different institutions of our university at different levels. All of them are coming from different backgrounds, different regions, different sections of society with different intellect and understanding, different medium of instruction. Particularly the students admitted in the first year of under graduate programmes are switching over from school education to higher education system. We have many challenges to tackle them in the beginning. The challenges are: (i) to make them comfortable in a new environment (ii) to help them fit into a culture of management of University (iii) to lead them to observe the four “Ds” namely Determination, Discipline, Dedication and Devotion so that they can earn at their credit many “S” like building up Self-confidence, Strength, Satisfaction, Surety, Security, Success, etc. and (iv) to acquaint them about the provision of our academic regulations and regulations of students’ discipline, system of teaching-learning process, system of assessment, etc.



The above exercise cannot be fulfilled in a day or two or by one lecture. We all have to put efforts and that is why I consider it as a challenge.

In the beginning, they will require constant guidance and counselling of a different nature at different levels and in different aspects. According to me, the faculties are the right people to meet with these challenges and they have to play important role.

I have my suggestions that when the group of students is allocated to the respective faculty for counseling, the faculty members should closely monitor these groups, make critical analysis of each individual and identify the group in 2 or 3 categories based on their background, intellect, understanding, section from which they come, etc. After completing these exercises, a faculty should decide different strategies of counselling in different categories and see that those who are in the first category in terms of requirement of concentrating attention, they get more and more help and constant guidance so that they can be brought into the main stream.

I am sure with the enthusiasm and zeal of our dynamic leaders of different institutions and also faculty members, we shall be able to meet with the above challenges. I wish them all the best.

Shri Ambubhai M. Patel

Vice-President and I/c. Director General

Editorial

Dear readers,

“There is a season.....and a time for every purpose under heaven”, so sang the music group “The Seekers”. And the most significant, or perhaps, the only significant time, as claimed by the best-selling author Eckhart Tolle, is NOW. At Nirma University, as we bring to you our next issue of the newsletter, our ‘Now’ is a mixed bag of heart-felt grief, fervent hope and overwhelming enthusiasm.

We are grieved as we bring you the news of the sad demise of Shri B. J. Divan, who, besides being a member of the Governing Board of the University, has also contributed to the university in its overall development.

We also bring to you a message by the Vice-President instead of the Director General – Dr. N. V. Vasani, who has been hospitalized. The entire Nirma fraternity, has been praying fervently for the speedy recovery of the person who has given the university, not only his knowledge and expertise, but also the very vision and direction to all its academic pursuits.

Our overwhelming enthusiasm is witnessed with the beginning of the new academic year. Every beginning has ingredients of motivation, confidence, energy and determination. With these strengths in us, we look forward to an enhancement in the quality of all our academic endeavours of this new academic year.

Editor.

Dignitaries on Campus

Dignitaries Visited

Dr. S. C. Sahasrabudhe, Director, DAICT, visited IT-NU on March 02, 2012 for a Seminar.

Expert Lectures

Name of the Expert & Designation	Topic	Institute	Date
Dr Madhu Mehta, International Centre for Entrepreneurship and Technology, GMDC Building, 132 Ft Ring Road, Vastrapur, Ahmedabad 380 052, India.	ReachOut' of International Centre for Entrepreneurship and Technology	IT-NU	March 13, 2012.
Prof. Vidhyut Joshi, Ex. Vice Chancellor, Bhavnagar University	Unorganized Labour and Child Labour in India	IL-NU	March 23, 2012
Dr. Rajiv Gupta, Secretary to the Government of Gujarat, Agriculture & Cooperation Department, Gandhinagar	India and International Law	IL-NU	March 31, 2012

Events

Convocation 2012

The 13th Annual Convocation of the Nirma University was held at the varsity campus on the Friday April 6, 2012, where in 9 PhD students, 183 students from MBA–Full Time, 101 students from MBA–Family Business & Entrepreneurship, 44 students from MBA–Part Time and 69 students of the maiden batch of B.A.L.L.B received their degrees from the President – Dr Karsanbhai Patel, for successful completion of their academic courses.

Mr. M. B. Parekh, Chairman and Managing Director, Pidilite Industries Limited delivered the convocation address. In his address, he said, “There are many factors which go into the making of an individual successful. Some of them are not within our control, such as having a favourable business and political environment or having a wise and capable mentor who can coach and guide you as you progress in your career. However, there are certain key attributes which can help us achieve success, if we recognize the important role they play and make adequate efforts to nurture them. These are passion, creativity and ability to execute well, all of them anchored by a sound value system.”

Giving details about the university, Dr. Vasani said “Nirma University is one of the top private universities in India providing world class higher education. It not only emphasizes on the all-round development of its students but also aims at producing good and worthy citizens, who could aid the country in its overall progress and development.”



A Two-day National Seminar, sponsored by NAAC



A Two-day National Seminar, sponsored by NAAC and supported by ISTE & INAE on 'Best Practices for enhancement of institutional quality and excellence' was held at IT-NU during May 24-25, 2012. The Chief Guest of the function was Padmashri, Dr.M.Anandakrishnan, Chairman-BOG, IIT, Kanpur. Invited speakers of the Seminar were Dr. Madukar Deputy Advisor NAAC, Prof. R. Natarajan (Former Chairman, AICTE), Prof.R.Murugesan (President, ISTE), Prof S.C. Sahasrabuddhe (Director, DAIICT), Dr. Sudhir K. Jain (Director IIT Gandhinagar), Dr.Gurumurthy Kalyanaram (Dean, Research NMIMS University), Dr. Avichal Kapur (Director-Quality Assurance Meghe Group of Institutions), Prof. B.S. Satyanarayana (Principal R.V. College of Engineering, Bangalore), Dr. Ramesbabu (Infosys Bangalore), Shri Aravind Srinivas (Dean iON Academy, Tata Consultancy Services) and Dr Rajendra Joshi (Head Mission10X, Wipro Technologies).

1st IL-NU International Moot Court Competition



IL-NU organized the '1st IL-NU International Moot Court Competition' from April 13-15, 2012. Over 20 teams participated. Hon'ble Mr. Justice K.S. Jhaveri, Judge, High Court of Gujarat, was the chief guest of the inaugural ceremony. The ceremony was graced by Ms. Aeg Young Jung, Counsellor, Legal Affair Division, WTO. Judged by Hon'ble Mr. Justice C.K.Thakkar, Judge (Retd.), Supreme Court of India, Mr. Mohan Parasharan, Additional Solicitor General of India and Mr. Mohan Gopal, Director, Rajiv Gandhi Institute for Contemporary Studies. The team from Pravin Gandhi College of Law, Mumbai emerged as the winners and RGNUL, Patiala were the runners up.

Workshop on Public Interest Lawyering and Legal Aid



A one day National Workshop was organised on "Public Interest Lawyering, Para Legal and Legal Aid" on April 13, 2012 at IL-NU. The eminent scholars and social workers like Dr. Suresh Sayal, National Secretary, All India PUCL., Kavita Srivastav, National Secretary, All India PUCL. and Ms. Nupur, Managing Trustee, Centre for Social Justice, Ahmedabad shared their knowledge and experience on the various themes like Drafting of Public Interest Litigation, Role of NGOs in promoting social interest lawyering, Career opportunity in Social Interest Lawyering and motivated the students for social interest lawyering.

Anvesh 2012



Anvesh – 2012, a conference of Ph.D scholars was organized on April 6-7, 2012, at the IM-NU. Prof. Tara S. Nair, Sr Professor, Gujarat Institute of Development Research (GIDR), Ahmedabad was the Chief Guest.

A Discourse on Jurisprudence:

To enlighten the students on importance of Jurisprudential approaches in the study of law a two day seminar was organized on the topic "A Discourse on Jurisprudence: A Tale of Discordance between Law in Statute and Law in Practice" on March 28-29, 2012 at IL-NU.

Seminar on Career prospects in Legal Education:



To create an insight and awareness among the students and parents of the State of Gujarat about the career prospects in legal education and legal profession IL-NU organised a seminar on 'Career Prospects in Legal Education' on April 14, 2012 at Seminar Hall, IL-NU.

Faculty Training Programme:

IL-NU organized FTP on 'Connecting Dots: equipping ourselves to meet the learning need of the students' on March 17, 2012. The key note speakers were Dr. H. V. Trivedi and Dr. Dawoodbhai Ghanchi.

Open House on "Career Prospects in Pharmacy"



IP-NU is organizing an open house career guidance seminar every year for the 12 pass students to guide them through the profession of Pharmacy. This seminar was organised on May 5, 2012. It is a guide path for the students and by attending the same they got complete information to develop their future in pharmacy profession. The students as well as parents are invited all over the state to participate in the programme. Dr. M. N. Patel, Member Secretary, ACPC was the chief guest, Dr. M. C. Gohel, Director, School of Pharmacy, Ahmedabad University and Dr. Shiv Prakash Ratnam, M.D., Synchron Research Services Pvt. Ltd., were the keynote speakers.

A project exhibition competition for the final year students of B. Tech and M. Tech of EC, IT-NU, was organized on April 11, 2012.

A Workshop sponsored by IIT-Bombay on "Introduction to Research Methodologies" was organized at IT-NU from June 25 to July 04, 2012.

Pooja at IL-NU



To commemorate successful completion of IL-NU's five years since its inception, a pooja was conducted on June 29, 2012 at the Institute. All officers from the NU and IL-NU faculty members participated.

ICMR sponsored National Workshop on “Modern Instrumental Techniques in Herbal Drug Research”



IP-NU organized a two days ICMR Sponsored National Workshop on “Modern Instrumental Techniques in Herbal Drug Research” on April 10-11, 2012. Prof Manjunath Ghate, IP-NU was the convener. Dr. Neeraj Tandon, Deputy Director General , ICMR, New Delhi was the Chief Guest of the function; Shri V.B. Ukani CMD, Vasu Healthcare Pvt. Ltd. Vadodara was the Guest of Honour.

Training Program conducted at IS-NU:

A team of Ph.D. scholars Hardik Patel, Arpan Bhatt, Suhani Palkhiwala, and Palak Shah actively participated as resource persons, along with Director Prof. Sarat Dalai and Dr. Sonal Bakshi for the training programe conducted in Biotechnology Laboratory Aspects for Pratima Joshi, head of the department and Haresh Patel, faculty from Zoology department of M.G. Science college, Ahmedabad under the Department of Biotechnology Star College program during April 14-23, 2012. The participants expressed satisfaction for the learning experience received.

Orientation Programmes Orientation of MBA Programmes

Mr. Ashwin Parikh, Industry Expert/Mentor at Centre for Innovation, Incubation and Entrepreneurship at IIM-Ahmedabad addressed the MBA [FB&E] students of IM-NU as the Chief Guest at the inaugural function of the batch 2012-14 on June 19, 2012.

Swami Nikhileshwarananda Ji, Head-Ramakrishna Mission, Vivekananda Memorial, Baroda delivered a lecture on “Stress Management” at IM-NU on June 22, 2012 to MBA [FB&E] students.

Pujya Sadhu Vivek Jivan Das Ji, Spokesperson & Author – BAPS delivered a lecture on “Positive Attitude” at IM-NU on June 27, 2012 to MBA [FT] students.



Mr. Pankaj Gupta, Principal Consultant – Govt. ISU; Head - Framework Delivery, India, Asia-Pacific, Middle-East, Africa, TCS Ltd. addressed the MBA [FT] students of IM-NU as the Chief Guest at the inaugural function of the batch 2012-14 on June 25, 2012.

Orientation of M.Sc. Programmes

The Orientation Program for the new batch of M.Sc. students (Year 2012-13) at IS-NU was held on June 29-30, 2012. Dr. Himanshu Gadgil, Director, Head, Research and Development, Intas Biopharmaceutical Ltd. was the chief guest of the function.

Faculty Development Programmes at IM-NU

Sr. No.	Name of the Programme	Date
1.	Econometrics for Researchers	April 23-25, 2012
2.	Spreadsheet Applications in Financial Management	April 26-28, 2012

Spoken Tutorial on PHP/Mysql for MCA Sem IV, students of IT-NU was organized by IT-NU in March 2012.

STTPs at IDS-NU

IDS-NU organised four ISTE approved Short Term Training Programmes in different branches during May 21 to June 2, 2012.

Sr. No.	Short Term Training Programmes (STTPs organized)	Department
1	Hydraulics & Pneumatics	Plastic Engineering
2	Embedded System design using Assembly and C Language	Electronics & Communication Engineering
3	Web Designing using .Net and AJAX	Computer Engineering & Information Technology
4	Recent Trends in Electrical Power Systems	Electrical Engineering



Mr. Shirish Divgi, COO, Ferromatik Milacron (I) Pvt. Ltd., the Chief Guest and Shri K K Patel, COO, Nirma University, the President of the function, along with the dignitaries of the institute at the Valedictory Function of the Short Term Training Programmes

The Electronics and Communication Engineering Department, IDS-NU has carried out Dacum process on 'Mobile Phone Care Taker' on March 3, 2012.

The General Department, IDS-NU organized a workshop titled 'Higher Engineering Mathematics' as a bridge course for final year diploma students from March 5-16, 2012.

Plastic Engineering Department and ISTE-Faculty Chapter, IDS-NU organized a visit to Consumer Education and Research Centre (CERC) held on March 12, 2012.

The Electrical Engineering Department, IDS-NU carried out a DACUM process on 'Development for Electric Motor Rewinder' on March 14 2012.

A farewell function for all the VIII semester Diploma students, IDS-NU was organized on June 19, 2012.



Farewell Function organized for the final year students of IDS-NU

In Focus

ROLE – CONDUCT OF A TEACHER

Shri D. P. Chhaya, Executive Registrar, Nirma University.

Basically I am not an Academician but I have worked in the Institution of Higher Learning for more than 45 years and have very closely observed the working of different academic Institutions in Higher Education. Based on this experience and based on my reading of different literatures published in the academic field, I am prompted to share some observations with regard to the subject. I would start by quoting the following statement of our Late Prime Minister, Pt. Jawaharlal Nehru:

“University Education stands for humanism, for tolerance, for reasons for adventure of ideas and for the search of truth. It stands for the onward march of the human race towards even higher objectives. If the universities discharge their duties adequately then it is well with the Nation and the people.”

Higher Education is a powerful tool to build a modern, value based, knowledge based, culture based, peaceful society, which can lead the country towards becoming a superpower in the world. It is also considered one of the important and strong tools for the development of any country. This means Higher Education has to contribute also in the social, cultural and economic development of the world. Keeping this in mind, if the objectives of the Institution of Higher Education are to be summarized, the same can be described as under:

- Pursuit of knowledge of self, society and nature
- Enriching the mind and promoting creativity among people
- Improving the efficiency and productivity of the social production System



- Empowering people through development of knowledge, skills and values

In Mr. M S Jacquen Dollars’ UNESCO’s International Commission Report, the four pillars of higher education are identified as the basic frame work for global curriculum and they are: - (1) Learning to know, (2) Learning to do, (3) Learning to be and above all (4) Learning to live together.

Having these above responsibilities, the different people at all levels, working in the Institute are expected to work under the above obligation and contribute their mite in achieving the above goal. Who can contribute to achieve the above goal in more effective way? Naturally, the answer is “Teacher”. The ancient saints sang **“Guru Brahma Guru Vishnu Guru Devo Maheshwar”** (teacher is Lord Brahma, Lord Vishnu and Lord Shiva). We can see from this the kind of status that the teacher is supposed to enjoy in society.

Having this status in mind, the expectations from the teacher are supposed to be exceptionally high and therefore he is not merely supposed to be the role model with very high moral attitude and aptitude. A teacher is the shaping stone that makes a man perfect in achieving all capabilities which enable him to regulate his environment and therefore the job and conduct of the teacher is different from that of any other professional. The core job of a teacher may be elaborated in general as under:-

- To give cleanliness of attitude
- To help us in meeting with other citizens
- To remove prejudice and make the student able to understand those differences in them.
- To make senses sharp and develop discretion
- To make sure bodily development and morality
- To give strength to fight against strong inducement of life
- To develop character by developing a personality
- To inculcate the spirit of enquiry and critical thinking
- To synchronize the process of learning, experimentation and implementation

Having the above vision and objectives of the institution in general and teacher in particular, I have tried to bifurcate the code of conduct of a teacher in four different categories, they are:- (i) Basic conduct as an individual; (ii) Conduct as a professional; (iii) Conduct as a leader; and (iv) Basic conduct as a teacher.

(I) Basic conduct as an individual:

The teacher has to build-up an inner strength in building up the basic values and basic conduct. Unless this is done, the other categories of conduct cannot work well. I would quote the following statement which I consider as key:-

“When a person begins to understand himself / herself, he / she begins to live. When he / she begins to live he / she begins to understand fellow-persons. Therefore self appraisal is the breakthrough to every successful relationship”. Here the core relationship is teacher – student.

The other principles of basic conduct as an individual may be described as under:-

- TODAY’s job is to be performed with TODAY’s Tools. If we do TODAY’s job with YESTERDAY’s tools what will happen tomorrow?
- 4 “Ds” are to be observed consistently, namely– Determination, Dedication, Devotion and Discipline in every walk of life. If we observe these four Ds then many “Ss” will be at our credit namely – Satisfaction,

Strength, Success, Stability, Security, etc.

- More pain if taken, will lead to more gain. We should also develop the eagerness to adopt the change
- Better to have pain of discipline at all time to avoid pain of regret later
- Develop value, culture and positive attitude so that the same can percolate to the students
- Keep away from politics of any kind
- Desist from functionalism and egoism
- Develop trusteeship for the institution
- Develop a mechanism of Self Development
- Develop decent inter personal relationships
- Develop a mechanism of Self Regulation

(II) Conduct as a professional:

We are in the era of Globalization. Educational institutions are not excluded from the era of competition and therefore being an important component of higher education we have to bring professionalism in the conduct of a teacher. I have identified the following elements of conduct under this category:

- (i) We will have to appreciate the fact that a different approach is required for performance in academic institutions.
- (ii) Institutions of higher learning are now service providers to the customers. According to me, the students, parents, employers and society at large may be considered as customers.
- (iii) The most important element of professionalism which can be brought is the change in the method from teaching to learning. Many of us have grown-up with chalk, black-board form of pedagogy and are most comfortable teaching in the same way but we ask a question of the present context as to whether this is the best way to engage or to provide a learning environment most suited to learners. I would like to quote again Albert Einstein’s words: ***“I never teach my pupils; I only attempt to provide the conditions in which they can learn.”*** It is now believed that the teaching-learning process should be interactive in many ways. As an example, I may mention that we give schedule of our topic to be discussed in class room date-wise in advance with list of reference books and the list of concerned web sites so that the students can come well prepared. In the class room, the teacher has only to give introductory lecture for 20-25 minutes and the remaining period should be made interactive based on the preparation made by the students. Of course,

to adopt this, the teacher is also supposed to be well equipped with the latest material and knowledge in the concerned field.

- (iv) Encouraging the tools of E-learning method: - In the era of Information Technology the teacher has not only to develop and use e-learning as a tool but they also have to encourage the students. The E-learning Strategy Task Force (2002) U.K. has defined E-learning as follows:-

“E-learning is a relatively new tool with the potential to radically improve participation and achievement rates in education. Benefits include- the ability to customize learning to the needs of an individual and the flexibility to allow the individual to learn at his/her own pace, in his/her own time and from a physical location that suits him/her the best.”

- (v) Continue to develop and bring innovation in teaching and also in research – The world is developing very fast and therefore whatever method we develop today may go obsolete tomorrow.
- (vi) Develop system of collective participation in learning process.
- (vii) Develop effective communication with the students and vice-versa.
- (viii) Create congenial atmosphere to work with enjoyment and enthusiasm.
- (ix) Develop a sense of being responsible to society – parents and other stakeholders.
- (x) Imbibe in our self different modules of art of living and the same also should be incorporated in our teaching-learning processes.
- (xi) Be open for criticism. One should develop a mechanism whereby we get constant flow of criticism from different stakeholders, which will provide help for our improvement periodically.
- (xii) Maintain proper documentation at all levels to have complete transparency and also provide evidence in the context of the era of RTI.
- (xiii) Read rules and interpret and implement them properly.
- (xiv) Develop independent thinking and express our opinion freely and fairly, and
- (xv) Develop proper drafting of Notes, Letters and Circulars. It should convey what we want to convey unambiguously.

(III) Conduct as a Leader:

In Educational Institutions every teacher is a “leader” and therefore, the teacher also has to develop certain basic component of leadership. He should be dynamic in nature. It is said that if the system has to make a change, the same can only come from the teacher particularly in the Institute of higher learning. I would give the following point for dynamic leadership:

A teacher should have his/her own vision which he/she shares with his team and works to translate this vision into reality, motivates and encourages other colleagues and students to put their best efforts towards this vision with a deep sense of commitment. This is possible only if the teacher possesses values which are moral, ethical and economically sound and which can be transferred to team members.

(IV) Basic conduct as teacher:

The conduct of a teacher in all the earlier three categories will be rendered futile for the teacher’s own sustainable growth and the development of the students if care is not taken to implement a basic code of conduct which includes:

- Punctuality in coming to the class
- Maintenance of discipline in the class
- Preparation for the class
- Providing encouragement in clarifying doubts
- Teaching not only syllabus but also giving more ideas
- Updating subject knowledge
- Covering of the syllabus
- Developing communication ability
- Using innovative methods in teaching
- Showing impartiality to the students
- Acting as a mentor
- Helping in the overall personality development
- Motivating students to participate in curricular and co-curricular activities
- Paying individual attention to improve students’ performance
- Presenting self as a role model
- Being liked by the students

All the above observations are on the basis of my personal opinion and may not be 100% foolproof. However, I have tried to give some of my thoughts in this article where I have taken the help of different articles published by different people in the AIU news letter and also from a book edited by Dr. Hira and Mahesh Kumar entitled “teacher in the age of Information Technology and Humanism”.

RESEARCH & DEVELOPMENT

Institute	Area of Research	Name	Title of Research Project	Funding Agency	Amount ₹ in Lacs
IS-NU	Agricultural Microbiology	Dr. Shalini Rajkumar	Exploring the colonization of non-rhizobia and understanding the fate of rhizobacteria during rhizobial infection in mung bean	Department of Biotechnology, Govt. of India, New Delhi	36.00
IS-NU	Agricultural Microbiology	Dr. Shalini Rajkumar	Nodule endophytes and effect of exogenous phytohormones 6-Benzyl Aminopurine and Indole-3-Acetic acid on the development and progression of infection thread in roots of Phaseolus mungo	Nirma University, Ahmedabad	0.50
IS-NU	Neurobiochemistry	Dr. Amee K. Nair	Role of NRG-1 and Nogo A Receptor Gene Expression in the Brain Region of Diabetic Rats	Nirma University, Ahmedabad	0.50
IS-NU	Microbiology	Dr. Nasreen Munshi	Functional diversity study of Jatropha rhizosphere and coastal wasteland ecosystem of Gujarat	Nirma University, Ahmedabad	0.50
IS-NU	Biochemistry	Dr. Sriram Seshadri	Determination of Cellular and Biochemical Changes in Male Reproductive System following Boric Acid Toxicity	Nirma University, Ahmedabad	0.50
IT-NU	Civil Engineering	Dr. S.P. Purohit	Minor research Project titled "Vibration Control of Building"	Nirma University, Ahmedabad	0.98
IT-NU	Civil Engineering	Dr. P.R. Patel	Research collaboration of RISAT-1 SAR calibration and validation	SAC, ISRO, Ahmedabad	17.00
IT-NU	Computer Science and Engineering	Dr K Kotecha and Prof Ankit Thakkar	ICT based optimized irrigation using sensor network	Department of Science and Technology, Govt. of India, New Delhi	26.87
IT-NU	Computer Science and Engineering	Dr. Sanjay Garg and Prof Swati Jain	Intelligent Satellite Surveillance System	Department of Science and Technology, Govt. of India, New Delhi	20.74
IT-NU	Computer Science and Engineering	Prof Vijay Ukani and Prof Purvi Kansara	Farm Surveillance System	Nirma University, Ahmedabad	0.97
IT-NU	Computer Science and Engineering	Dr S N Pradhan and Prof Sapan H Mankad	Investigation of noise removal techniques using Software Defined Radio on over the air (OTA) signals	Nirma University, Ahmedabad	0.97

IT-NU	Mech. Engg.	Dr. R. N. Patel & Prof. S.V.Jain	Experimental Investigations on Pump as Turbine (PAT) for Micro Hydropower Plants	GUJCOST, Gandhinagar	4.80
IT-NU	Mech. Engg.	Prof. N D Ghetiya	Experimental Investigations on Immersed Friction Stir Welding of Aluminum Alloys	Nirma University, Ahmedabad	1.00
IT-NU	Mech. Engg.	Dr D S Sharma	Dynamic Analysis of cracked Tubes Filled with Liquid	Nirma University, Ahmedabad	0.40
IT-NU	Mech. Engg.	Prof. A M Lakdawala, Prof. B A Shah, Prof. Ath Singhal	Converting Auto Rickshaw into AC Auto Rickshaw under IDEA Labs	Nirma University, Ahmedabad	1.50

Annual Get-together



IL-NU Picnic was organized at Snow Park on April 24, 2012.



Faculty and staff members of IS-NU gathered on March 24, 2012 at 'Chowki Dhani' on Sarkhej Highway, Ahmedabad. The members with families enjoyed Rajasthani flavors of food and frolic.

Extension Activities



A practical demonstration at the workshop on "Know Your Car, Electrical Home Appliances & Safety"

A workshop called 'Know Your Car, Electrical Home Appliances & Safety' was organized at IDS-NU on March 5, 2012. The workshop was aimed at familiarizing women with the workings of appliances and vehicles they use in their day-to-day life.



Faculty members and Students at the Jaspur Prathmik Vidhyalaya for the Computer Literacy Campaign

Computer Engineering and Electronics and Communication Engineering Department, IDS-NU organised a 'Computer Literacy Campaign' for students studying in the 5th, 6th and 7th standard of Jaspur Prathmik Vidhyalaya, Jaspur from March 5 to April 23, 2012 for eight Mondays.

ECON and MESO of IDS-NU organized a Greeting card preparation competition and greeting card exhibition cum selling on October 10, 2011. The amount of Rs. 1900/-, collected by selling of the cards, was donated to Blind School in Gandhinagar on March 18, 2012.

Thalassemia test was organized in IDS-NU for the first year diploma students on March 22, 2012 in association with Red Cross society.

Scholarship drive for the needy students was undertaken by NIDSAA, IDS-NU on March 26, 2012.

A Club for social activities has been formed in March- 2012 at IDS-NU.

ISTE Student Chapter-NIDS had organized a one day blood donation camp in Nirma University's campus along with Prathma Blood Center held on April 10, 2012. There was an overwhelming response from the entire university with 230 blood donors and 54 deferred applicants.



Students of IS-NU visited the Prakash Residency School for the Mentally Retarded students, Thaltej on April 11, 2012. Dr. Sanjeev Maheta, pediatric neurologist from Ahmedabad carried out morphological assessment of selected patients and discussed about its diagnostic utility. The students of human genetics got an opportunity to observe the applied aspect of their curriculum.

Electrical Engineering Department, IT-NU, had organized a one – day workshop for students of ITI, Sanand on March 1, 2012 to brief them about transformer principles, various types of transformer windings, parallel operation on transformers and various tests carried out on transformers.

A societal concern initiative was taken by Civil Engineering students of IT-NU to mark the World Water Day which was on March 22, 2012. The Department had organized a 'Drinking Water Quality Awareness Campaign'. The campaign involved a 'Water Quality Camp' for undertaking the 'real time drinking water quality analysis'.

SETU- under the banner of OrCES of IT-NU have planned distribution of Kit (leather collage bag) containing stationery to the underprivileged students of schools and charitable trusts around Ahmedabad. Students of Semester- VI, IV and II along with a few faculty members have participated in this event.

ACES, AMS, CSI, INFOCRATS of IT-NU jointly organised various social events under the banner of Gyan Jyoti'12 in the month of March 2012. A Computer literacy program was conducted for Municipal school students on March 10, 2012 and an inspirational movie was shown to NGO Students on March 17, 2012 along with a visit to NGO and clothes for needy children were distributed on March 4, 2012.

A three day workshop on ROBOTs for students of Maharaja Agrasen Vidyalyaya, Ahmedabad was conducted by Mechanical Engineering Students Association, IT-NU on May 15 – 17, 2012.

Chemical Engineering Department, IDS-NU organized a visit to 'Apang Manav Mandal', Ahmedabad on March 17, 2012.



The Students of the Institute carrying out an activity at the Apang Manav Mandal

Industry Interface

Testing work undertaken at IT-NU

Department	Title of testing work	Organization	Date
Civil Engineering	Tile Adhesive	ENCORE, Ahmedabad	April 12, 2012
Civil Engineering	Soil Testing work	Dy. Ex. Er., KBC Sub. Dn. 2/2 D, Radhanpur	May 15, 2012
Civil Engineering	Mix Design	L & T Ltd.	May 12, 2012
Mechanical Engineering	Testing work of foam samples	M/s. UOP Gurgaon	March 12, 2012
Mechanical Engineering	Thermal Conductivity testing of foam samples	M/s. Robert Bosch Engineering & Business Solution Ltd., Bangalore	March 12, 2012
Mechanical Engineering	Thermal Conductivity test of air bubble type insulation (4 Samples)	M/s Aerolam Insulations Pvt. Ltd., Ahmedabad	April 12, 2012
Mechanical Engineering	Testing of thermal conductivity and fire properties.	M/s Jaisons Engg. Pune	April 12, 2012

Consultancy work by faculty/Department

Institute	Name of faculty	Title of consultancy	Place and Address of collaborative Organization
IP-NU	Dr. Snehal S Patel, Department of Pharmacology	Pharmacological evaluation of Ayurvedic Proprietary formulation on iron deficiency anaemia in rat and in rheumatoid arthritis.	Ahmedabad
Electrical Engg. Dept. IT-NU	Dr. P. N. Tekwani Dr. S. C. Vora Prof. J. B. Patel	A workshop on Electrical Engineering for Non-Electrical Engineers	M/S Adani, Mundra
Civil, IT-NU	Dr. P. H. Shah Dr. P.V. Patel Dr. S.P. Purohit	Proof Checking of R.C.C. Chimany	Mott Macdonald Pvt. Ltd.
Civil, IT-NU	Dr. P.H. Shah Dr. P.V. Patel	Review of design for Katchh and Narmada Branch Canal	S.S.N.N.L., Gandhinagar
Mechanical Engineering, IT-NU	Prof. S. J. Joshi, Prof. V. M. Bhojawala, Prof. D. V. Patel	FE Analysis for Gate valves	Oswal Industries

Continuing Education Programme

Programmes at IT-NU

Name of the Programme	Date	Programme Leader
Industrial training at Si Bridge Technologies, Ahmedabad	May 28 – June 4, 2012.	Dr. Amisha Naik, Prof. Piyush Bhatasana Prof. Ami Vora

Placement News

IM-NU

It had been an eventful year for the students with a plethora of companies from across all sectors making their presence felt at the campus. There was a mix of industries, heavy weight from the fields of Pharmaceutical, IT, Banking, Financial, Automobile, Energy, Manufacturing, Insurance, Micro Finance, Retail, BPO / KPO, Marketing, Marketing Research, Medical services and Tours & Travels participated in the campus placement process. The highlights included that some recruiting firms were offering profiles to work at US and Africa. The participating organizations also include many first time recruiters like Balmer Lawrie & Co. Ltd., Mahindra & Mahindra, Mu Sigma, Xylem, GSFC, GSPL, Tata Motors, Meru Cabs, and Sai Info system (India) in addition to the regular recruiters at IM-NU.

The jobs offered were in the area of financial analytics, equity research, project management, core banking services,

wealth management, micro finance, marketing research, insurance, supply chain, consulting, branding and communication, operations, etc. The highest domestic package, a whopping ₹ 10.00 lac / annum was offered by a Pharmaceutical giant. The average package jumped to more than ₹ 8.00 lac / annum. The laterals of the batch also performed well with their average package being more than ₹ 8.50 lac / annum.

IT-NU

Total 24 companies conducted campus interviews for B. Tech. and M. Tech. students and selected 30 students with an average package of ₹ 3 LPA and the highest package being ₹ 4.5 LPA.

INTEL Technologies conducted interviews for M TECH. VLSI, CSE and ICT students and offered dissertation to 22 students with a stipend of ₹ 22000 pm.

Faculty Corner

Faculty Achievements

- **Dr. Sari Mattila (IM-NU)** Participated in two workshops, viz. Mindfulness for Stress Reduction, in Helsinki, Finland on 4-6.5.2012 and Socratic Dialogue, in Würzburg, Germany on 30.3.- 5.4.12
- **Dr. Monica Rao** of IL-NU participated in an International Seminar on Tribal Development and presented a paper titled "Tribal Development: With or Without Satisfaction" held on June 1-2, 2012 and was adjudged as the 'Best Paper Award' along with cash prize.
- **Prof Manjunath Ghate** of IP-NU presented a research paper in 95th Canadian Chemistry Conference, Calgary, Canada on May 26-30, 2012
- **Prof Manjunath Ghate** of IP-NU visited Plovdiv University, Bulgaria under Indo-Bulgerian Collaborative Project sponsored by Department of Science and Technology, Delhi
- **Prof Ankit Thakkar** of IT-NU is appointed as reviewer for the International Journal of Wireless & Mobile Networks (IJWMN).
- An article of **Prof. Pooja Shah** of IT-NU titled "VANET simulation using FOSS" was published in June 2012 Issue of "LINUX 4 YOU" Magazine.

Faculty Recognitions

- **Prof. Pawan K. Chugan** (IM-NU) was elected as Vice-Chairman, Ahmedabad Chapter of ISTD, for 2012-13 and was appointed President ISM-INDIA (Ahmedabad Chapter) an affiliate of Institute for Supply Management (ISM), Tempe, AZ (USA).
- **Dr Rajesh Jain** (IM-NU) Selected as "Editorial Advisory Board Member" for 2012-2015 and "Reviewer Board Member" for 2012-2017 of Pezzottaite Journals, India.
- **Dr Nityesh Bhatt** (IM-NU) appointed as Co-Convener of CSI-Nihilent eGov Awards 2011-12 and Coordinator e-District Award Category. He was also appointed as a Member of Program Committee for National Conference on e-Governance organized by Institute of Public Enterprises, Hyderabad in January 2012
- **Prof. Nina Muncherji**, (IM-NU) appointed to the Board of Studies at the School of Management, Sumandeep Vidyapeeth (Deemed University) Vadodara. – February 2012.
- **Dr. A C Brahmbhatt** of IM-NU acted as a Resource person in Ph. D. workshop held by CEPT University, March 31, 2012. He was also selected on Editorial Board of Journal of Management of Warangal Institute of Management.



- **Dr. Monika Swami**, Asst. Prof., Chemical Engineering Department of IDS-NU is selected as the Editorial Board member of 'International Journal of Chemistry and Applications' (IJCA).
 - **Prof. Amit Mishra**, Head, General Department of IDS-NU has been offered Summer Research Fellowship by Indian Science Academy.
 - **Dr. Monica Rao**, of IL-NU has been nominated from Gujarat as Executive Member of Research Committee - 15 (Social Change and Development), Indian Sociological Society (ISS) for two years.
 - **Prof. Vimal Kumar** of IP-NU chaired a scientific session at the 16th National Convention of Society of Pharmacognosy and International symposium on herbal and traditional medicine on March 10, 2012 at Dept. of Pharmaceutical Sciences, Saurashtra University, Rajkot.
 - **Dr. Sriram Seshadri** of IS-NU chaired a session on Alternative Medicine in Diabetes and delivered invited talk on "Sugar Rich Diet Induced Insulin Resistance and Alteration in Gut Microflora" at 1st Euro-India International Conference on Diabetes jointly organised by M.G University, Kerala, Institute for Holistic Medical Sciences, Kerala and Ayurveda-und Venen-Klinik, Austria, on April 9-11, 2012.
 - **Dr. Vijay Kothari** of IS-NU is included in the reviewer panel of: Academic Journals Online, and Journal of Botany & Research.
 - **Dr. P. N. Tekwani** of IT-NU worked as a Member of International Scientific Committee and Technical Paper Reviewer for 10th "International Conference on Renewable Energies and Power Quality (ICREPQ'12)" Organized by European Association for the Development of Renewable Energies, Environment and Power Quality (EA4EPQ), University of Vigo, and University of Santiago de Compostela, Spain during March 28-30, 2012. He was also appointed as Session Chair for two Technical Sessions at National Conference on Engineering and Management (NCTM - 2012) held at Sankalchand Patel College of Engineering (SPCE), Visnagar, Gujarat, January 20 – 21, 2012 and worked as a Member of Technical Programme Committee of The IEEE 2nd International Conference on Consumer Electronics, Communications and Networks (CECNet 2012), organized by IEEE Consumer Electronic Society and Xianning University and held at Three Gorges, Hubei, China, during April 21-23, 2012. Moreover, he worked as a Reviewer of Technical Papers for The 38th Annual Conference of the IEEE Industrial Electronics Society (IECON 2012), which is going to be held at École de technologie supérieure, Montreal (Québec), Canada during October 25 - 28, 2012.
 - **Dr. D. S. Sharma & Dr. K. M. Patel** of IT-NU chaired the session at National Conference "Advances and Challenges in Engineering & Science – 2012 at L.C. Institute of Technology, Bhandu on Apr-12.
 - **Dr. R.N. Patel** of IT-NU was invited for the Board of Studies (ME) at Pandit Deen Dayal University on Mar-12. He was also invited to chair a session in seminar on "Solar Energy Utilization Learning from the Past" Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar on March 27, 2012.
 - **Dr. D. S. Sharma** of IT-NU was invited to deliver expert lecture in National Conference on Advances in Engineering and Technology at Kalol Institute of Technology, Kalol on Mar-12.
- ### Expert Lectures Delivered
- **Dr Deepak Srivasatava** (IM-NU) delivered a keynote speech in national conference organized by Chhattisgarh Council of Science and technology, Raipur on March 15-24, 2012 and also delivered a lecture "Doing Business in India" in Gyor Chamber of Commerce, Hungary for local entrepreneurs on April 26, 2012. He addressed Slovak Chamber of Commerce, Bratislava on doing business in India on May 25, 2012 and taught ERASMUS , postgraduate and doctoral program students in department of international trade, University of Economics in Bratislava, Slovak May 2012
 - **Dr. Krishna Pal Malik** of IL-NU was invited as a resource person to speak on "Protection of Juvenile in our Juvenile Justice System" in a UGC sponsored State Level Seminar on Human Rights: Challenges and Remedies with Special Reference to Children", on February 9, 2012. The seminar was organized by D.M. Patel Arts & S.S. Patel Commerce College, Ode, Anand. He delivered a session, on "Child rights and an overview of the Juvenile Justice (Care and Protection of Children) Act" in a Training Programme organized by the Government of Gujarat and ICPS during May 14-17, 2012 and has also facilitated a seminar on "Recent amendments in labour law and special reference to outsourcing of work" organized by ISRO, Ahmedabad for their officials on May 16, 2012.
 - **Prof. Vimal Kumar** of IP-NU delivered the invited lecture on "Supercritical Fluids Technology: An Emerging Technology in Pharmaceutical Sciences in AICTE sponsored Staff Development Programme on "Emerging Trends and Technologies in Pharmaceutical Sciences and Computer Aided Drug Design" on May 12, 2012, being organized by SIRT-Pharmacy, Bhopal. He also delivered the invited lecture on "Need for National Policy for the Promotion of Herbal and Tribal Medicine" in AICTE



sponsored Staff Development Programme on “Advances in Herbal & Tribal Medicines” on May 12, 2012 at Ali-Allana College Of Pharmacy Akkalkuwa, Maharashtra.

- **Prof Tejal Mehta** of IP-NU was invited to deliver a lecture on topic entitled “Challenges in Non-invasive Protein & Peptide drug delivery” in the AICTE sponsored Staff Development Programme [SDP] On March 22, 2012 related to “Advances in Drug Delivery Systems” at Sarvajani College of Pharmacy, Mehsana. She was also invited to deliver a lecture on topic entitled “Evaluation & Validation of Sterilizer & related Processes” in the state level seminar on “Calibration & validation of Pharmaceutical Instruments and Equipments & Development of method “at SSR college of Pharmacy, Silvassa on March 3, 2012 and was invited as a Resource person to deliver a talk on “Current status of fast dissolving drug delivery systems” at AICTE sponsored Staff Development Programme [SDP] from March 1-14, 2012 on the topic “Recent Advances in Novel Drug Delivery Systems” on March 10, 2012 at Nootan Pharmacy College, Visnagar.
- **Prof. Dhaviat Parikh** of IP-NU delivered the invited lecture on “Application of Texture Analyzer in Novel Drug Delivery Systems” in AICTE Sponsored Two Week Staff Development Program (SDP) on March 9, 2012, organized by Nootan Pharmacy College, Visnagar. He has delivered the invited lecture on “Formulation Techniques and Evaluations of Gastro-Retentive Drug Delivery Systems (GRDDS)” in Two Days Expert Lecture Series Sponsored by University of Pune on March 22, 2012, organized by SSR College of Pharmacy, Silvassa.
- **Prof. Sarat Dalai**, Director, IS-NU delivered keynote address on May 21, at the Valedictory and Felicitation Function organized by GSBTM at Science City in appreciation of the success of students from the state of Gujarat in qualifying various National level entrance tests. He delivered an invited talk “T and B cell activation and differentiation” on May 12, 2012, at M.N. Science College, Patan as part of Crash Course organized by GSBTM, Dept. of Science and Technology, Govt. of Gujarat to help the undergrad students to prepare for the National Level Entrance tests.
- **Dr. Sriram Seshadri**, IS-NU delivered an invited talk ‘Aquaporin – more than just water channels’ at Department of Biochemistry, Gujarat University on the March 6, 2012
- **Dr. Nasreen S. Munshi**, IS-NU delivered expert lecture on: “Genetic Recombination Mechanisms” in NET Coaching Class organized for M.Sc. students of Life Sciences by Smt. V. D. Gardichair Center, Hemchandracharya North Gujarat University, Patan on March 25, 2012. She delivered a lecture on “DNA Damage and Repair” and Dr. Ameer K. Nair, IS-NU, delivered a lecture on: “Endocrine System and Hormones” during the 5th Crash Workshop Program – 2012 conducted for Final Year B.Sc. students for preparing the JNU-CEEB exam, organized by Department of Biotechnology, Pramukh Swami Science & H. D. Patel Arts College, Kadi and sponsored by Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology, Government of Gujarat on May 10, 2012.
- **Dr. Vijay Kothari**, IS-NU attended GSBTM sponsored national seminar “Bioinformatics in Microbial Diversity”, March 4, 2012, at Dept. of Microbiology & Biotechnology, Gujarat University, Ahmedabad and he was also invited as resource person in GSBTM Crash Workshop-BTCBC-2012, May 12, 2012 at Sheth M N Science college, Patan. He was invited as resource person in Preparative session for NET aspirants at North Guj Univ, Patan, March 25, 2012 also.
- **Dr. Vaibhav Shah**, IT-NU delivered a live lecture on Conditional Sentences at SANDHAN (All Gujarat Integrated Classroom) an Initiative by OCHE (Office of Commissioner Higher Education) and KCG (Knowledge Consortium of Gujarat) from BISAG (Bhaskaracharya Institute of Space Applications and Geoinformatics knowledge Consortium of Gujarat). He also delivered an expert lecture on 'Industry Expectation and Interview Skills' at Pacific University, Udaipur (Raj) on April 21, 2012.
- **Dr. P. N. Tekwani**, IT-NU, delivered a lecture on “Self-Adaptive Current Controller for Shunt Active Power Filters” at National Conference on Advances and Challenges in Engineering & Science (NCACES - 2012), which was sponsored by GUJCOST and GEDA, and organized by Laljibhai Chaturbhai Institute of Technology (LCIT), Bhandu, Gujarat, during April 13-14, 2012. He also delivered a lecture on “Inverter Topologies and their Control Strategies” to the PG EE students of Marwadi Education Foundation's Group of Institutions at Rajkot on May 29, 2012.
- **Dr. V. J. Lakhera**, IT-NU delivered a lecture on Quantifying Experimental Uncertainties in UGC workshop on Research Methodology at M. S. University, Vadodra on March 30, 2012.
- **Dr. D. S. Sharma**, IT-NU delivered a lecture on Stress Concentrations National Conference on Advances in Engineering and Technology at Kalol Institute of Technology, Kalol on March 10, 2012.

Ph. D. Awarded

- **Prof. Chetan Jhaveri** of IM-NU has been awarded Ph.D. in Jan -2012 from Kadi Sarva VishvaVidhyalaya, Gandhinagar. The title of his research was "Modelling Integrated Optimal Strategy For The Players Of Supply Chain Management When Demand Is Quadratic".

- **Prof. V.V. Nath**, of IM-NU has been awarded Ph.D by Hemchandra-charya North Gujarat University. The title of his thesis is "Study and Analysis of Information Technology: Suggesting Strategies for Banking and Financial Services Industry in a Grid Computing Environment."

- **Prof. Madhuri Parikh** has been conferred Ph.D. Degree by Gujarat University, on the topic "Environmental Jurisprudence: The Role of Indian Judiciary, A Critical Study".

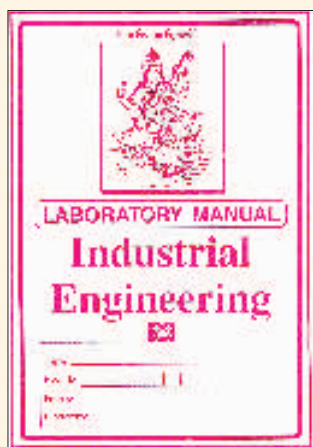
- **Prof. Rhishikesh Dave** has been awarded Ph.D degree from Saurashtra University. His topic was "Conflict Between The Axiom Of Universal Jurisdiction And State Sovereignty With Regard To International Crimes By The Head(S) Of State(S): A Study With Reference To Immunological Protections".

- **Prof. Usha Mehta** of EC, IT – NU has received her Ph. D. degree in the field of VLSI for her thesis entitled "Test Data Compression Technique for IP Core Based SoC: Time, Power and Area Optimization" from Nirma University on April 6, 2012.

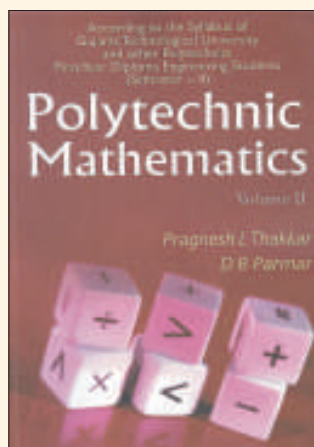
- **Prof. Madhuri Bhavsar** has successfully finished her Ph.D. in April 2012 under the guidance of Dr S N Pradhan on "Performance Measurement of Scientific Grid - Roadmap to eScience" from Nirma University

- **Prof. Amisha Naik** of EC, IT – NU has received their Ph. D. degree in the field of VLSI for her thesis entitled "Novel Topologies of CMOS 2nd Generation Current Conveyers for Low Voltage and Low Power Applications" from Nirma University on April 6, 2012.

Books Published



Prof. Anand S. Patel of IDS-NU co-authored a book titled 'Laboratory Manual Industrial Engineering' (First Edition-2012) that has been published by Atul Prakashan Publisher, Ahmedabad.



Prof. Dharamvirsinh Parmar of IDS-NU co-authored a book titled 'Polytechnic Mathematics Vol- II' that has been published by Macmillan Publishers India Ltd. ISBN 13:978-023-032-346-9.



Dr. Krishna Pal Malik of IL-NU has co-authored a book on "Misconduct of Employees and Disciplinary Procedure (Kamdaroni Gairvartruk Anne Shishta na Paglao)" published by SBD Publication, Ahmedabad.



Dr. Sriram Seshadri, of IS-NU and Harshita Chaudhary Plant Extracts as Anti-cancer Agents. LAP Lambert Academic Publishing GmbH & Co. KG (Germany), ISBN 978-3-8484-9674-1, 2012.

- **Prof. Swarup Dutta**, (IM-NU) Text Book on Strategic Management for MBA Course, Krishna Kanta Handiqui State Open University, Assam, Vikas Publishing House Pvt. Ltd, ISBN no- 978-81-259-4872-8, 2012.
- **Prof. Shalini Rajkumar** of IS-NU, Bhavesh D. Kevadiya Maharshi P. Pandya and Hari C. Bajaj. Layered inorganic nanocomposites: A promising carrier for 5-fluorouracil (5-FU). European Journal of Pharmaceutics and Biopharmaceutics (2012) 81:91–101.
- **Prof. H.K. Patel** of IT-NU has published a book on "Cookbook for Multiple output flyback converter using Top-switch: Most Versatile Technique for Multiple Output SMPS", LAP LAMBERT Academic Publishing. He has also published a book on "Electronic Nose: Introduction, Sensor and Application", LAP LAMBERT Academic Publishing.
- **Dr. Ankur H. Dwivedi** of IT-NU of Chemical Engineering Department has published a book entitled, "Photochemical Degradation of Halo-Organic Compounds" LAMBERT Academic Publishing (LAP) GmbH & Co. KG, Saarbrücken, Germany (April 2012), (2012). (ISBN : 978-3-8484-8285-6).
- Poem of **Dr. Harmik Vaishnav** of IL-NU - 'The Boy and the Pencil Box' was published in The Melodies of Immortality by Alfa Publications New Delhi. It was also read at a National Conference in Moradabad on March 15 and 16, 2012.
- **Dr. Rashmi Mehta** of IL-NU published poems - 'Forlorn' & 'The Tears Wheel' in The Melodies of Immortality by Alfa Publications New Delhi. They were also read at a National Conference in Moradabad on March 15 and 16, 2012. She also published an article "Postcolonial Literature in English : Nomenclature ,Characteristics, Theory" in Journal of English Literature and Language Vol. V, No.2, ISSN 0975-6930, Dixit Publishing House, Jalandhar.

Papers Published in International Journals/Magazines

- **C Gopalkrishnan**, Director of IM-NU (co-author) published a Case Study on "Kanhai Foods Pvt. Limited", Nirma University Journal of Business and Management Studies, Vol.6. Nos. 1&2, July-December 2011 (Printed in June 2012).
- **Nina Muncherji**, of IM-NU published a case and teaching note titled 'Priya's Dilemma' in European Case Clearing House (ECCH) UK in March 2012 (Reference Nos.: 412-007-1 & 412-007-8).
- **Swarup Dutta**, of IM-NU Dynamic capabilities- Fostering Ambidexterity. SCMS Journal of Indian Management (Vol.- IX, Number-II, April- June 2012 page nos -81-91) ISSN no- 0973-3167.
- **Chetan A. Jhaveri**, of IM-NU co-author Nita H. Shah, Ajay S. Gor, (2012) published a paper "Optimal pricing and ordering policy for an integrated inventory model with quadratic demand when trade credit linked to order quantity", Journal of Modelling in Management, Volume 7, Issue 2 ,Year 2012, Page No. 148 – 165 , Emerald Group Publishing Limited.
- **Rajesh Kumar Jain**, of IM-NU Is ISO 9000 Certification Losing its Credibility, 2012, "International Journal for Quality Research (ISSN 1800 – 6450) Vol.X, No.X, (pp 201-206) (Co-author).
- **Rajesh Kumar Jain**, of IM-NU Toyota Culture-The Heart and Soul of the Toyota Way" 2012, "International Journal of Business Management & Research" (ISSN No. 2249-6920) Volume 2 No. 1, (pp. 97-104).
- **Manish Solanki**, Chemical Engineering Department, of IDS-NU, published a paper 'Synthesis, Antimicrobial and Antifungal activity of some novel derivatives of Thiazolo[2,3-b] Dihydropyrimidine possessing 4-pyrazolyl moiety' in International Journal- Asian Journal of Chemistry. Vol.24, No.7 2972-2974 (2012) (ISSN 0970-7077-Print, 0975-427X- Online, IF 0.674).
- **Lata Gadhvi**, Computer Engineering Department, of IDS-NU, published a research paper titled 'Reservation of Resources in Advance for Job Execution in Heterogeneous Grid Environment' in the International Journal of Computer Science and Technology, IJST (Cosmic Journal – Vol III, Issue I) of January-March 2012 issue ISSN No. : 0976-8491 (online) 2229-4333 (print).
- **Karuna A. Mahajan**, Electronics & Communication Engineering Department, of IDS-NU, published a paper on 'Comparison of Signal Scrambling PAPR Reduction Techniques with Signal Distortion Techniques in OFDM Signal' in International Journal of Computer Applications (IJCA-USA) in the issue of March-2012.
- **Anuj Chadha**, Electronics & Communication Engineering Department, of IDS-NU, published a research paper on "Design Issues in Routing Algorithms for wireless networks" in IJTE(International Journal of Technical Education) journal published by ISTE.

- **Lipi K. Chhaya**, Electronics & Communication Engineering Department, of IDS-NU, published a paper on 'Legislative and Regulatory Issues and Prospects in Indian Telecom Sector' in 'The IUP Journal of Telecommunication' (February Issue) which is published by ICFAI University Press. The ISSN number is 0975-5551. The Journal is included in EBSCO DATABASE.
- **Prashant Bagga**, Mechanical Engineering Department, of IDS-NU, published a paper on 'Requirements of Routing Algorithms for Sensor Networks' in Journal of Emerging Trends in Computing and Information Sciences Vol. 3, No. 4, April 2012.
- **Prashant Bagga**, Mechanical Engineering Department, of IDS-NU, published a paper on 'Medium Access Control Protocol for energy efficiency in Wireless sensor networks' in national level journal, GIT – Journal of Engineering and Technology in May 2012.
- **Mehta Priti J, Patel NR, Sherikar OS, Desail P** of IP-NU, Development and Validation of Packed Column Supercritical Fluid Chromatographic Technique for Quantification of Chlorzoxazone, Paracetamol and Aceclofenac in Their Individual and Combined Dosage Forms. Journal of Chromatographic Science, doi: 10.1093/chromsci/bms059, June 2012.
- **Patel Snehal S.** of IP-NU, Emblica Officinalis Geart.: A Comprehensive Review On Phytochemistry, Pharmacology And Ethnomedicinal Uses. Research Journal of Medicinal Plant. 2012; 6 (1):6-16.
- **Bhatt Hardik G, Patel P K.** of IP-NU, Pharmacophore Modeling, Virtual Screening and 3D-QSAR Studies of 5-tetrahydroquinolinylidene Aminoguanidine Derivatives as Sodium Hydrogen Exchanger Inhibitors. Bioorganic and Medicinal Chemistry Letters. 2012; 22(11):3758-3765.
- **Mehta Tejal** of IP-NU, Formulation development and optimization of polyox based quick dissolving film of Qutiapine. Journal of Pharmacy & Bioallied Sciences , 2012 (4), 19-20.
- **Shalini Rajkumar** of IS-NU **Bhavesh D. Kevadiya Maharshi P. Pandya** and **Hari C. Bajaj**. Layered inorganic nanocomposites: A promising carrier for 5-fluorouracil (5-FU). European Journal of Pharmaceutics and Biopharmaceutics (2012) 81:91–101.
- **Krupali Ramanuj, Pooja Bachani, Vijay Kothari** of IS-NU (2012). In vitro antimicrobial activity of certain plant products/seed extracts against multidrug resistant *Propionibacterium acnes*, *Malassezia furfur*, and aflatoxin producing *Aspergillus flavus*. Research in Pharmacy, 2(3): 22-31.
- **Priyanka Solanki, Vijay Kothari** of IS-NU (2012). Metal tolerance in halotolerant bacteria isolated from saline soil of Khambhat. Research in Biotechnology, 3(3):1-11.
- **S. V. Pandey**, IT-NU of Electronics and Communication department has published a paper titled “Improved gain and Bandwidth of L-slot Loaded RMSA on Different Thickness for Wireless Communication” in International Conference on Information, Computing and Telecommunications (ICICT-2012) at Delhi, April 1-2, 2012.
- **S. V. Pandey**, IT-NU of Electronics and Communication department has published a paper titled “Design of a Modified E-shaped Dual band Patch Antenna for Ku band Application” in International Conference on Communication Systems and Network Technologies (CSNT-2012) at Rajkot, May 11-13, 2012.
- **Vikas Raval** IT-NU Paper published in Spark International Journal in March, 2012 titled ‘Eco criticism in Indian English Literature’. He also published a paper entitled ‘The Namesake: comparison of cinematographic text with its original written text’ in ‘International journal of English language and literature’ in April-2012.
- **P. N. Tekwani** and Prof. D. B. Dave of Electrical Engineering Department IT-NU published a paper at International Conference on Electrical Engineering and Computer Science (ICEECS 2012) held at Institute for Project Management Pvt. Ltd., Bhubaneswar and Goa, India on May 5, 2012.
- **S. P. Purohit** IT-NU and N. K. Chandiramani, published a paper in International Journal of Acoustic and Vibration, Vol. 17, No. 1, 4-13, March 2012.
- **A H Dwivedi**, IT-NU and U C Pande, have published paper in Scientific Reviews & Chemical Communications, 2(1) (March 2012) (2012), 41-65 (ISSN: 2277-2669).

Staff Corner (Non Teaching)

Achievements

Jitendra Suryakant Shrimankar, Sr. Assistant, Chemical Engineering, IT-NU passed MBA (Finance) and was awarded degree by Nirma University on April 6, 2012.



Rahul Bhanuprasad Pandya, Jr. Assistant, Electronics & Communication Engineering, IT-NU passed MBA (Finance) and was awarded degree by Nirma University on April 6, 2012.



- **Ajay Parate, Faruk Mansuri and Bhavisha Patel, Jr.** Assistants of IDS-NU have participated in the Staff development programme on 'Team Management' held on April 21, 2012 organized by Institute of Management, Nirma University.
- **Shukla Svetal and Poluru Lalitha**, Librarian of IP-NU published a book Webometric Analysis and Indicators of Selected Indian State Universities. Information Studies. 2012, 18(2):79-104.
- **Jayshree Pandya**, Librarian of IS-NU and Pradeep Chudasma Published a Paper on "Application on Cloud Computing in Nirma University Libraries: User Service Model" in the International Journal of Information Research (ISSN: 2249 8273), Vol.1(3), June - 2012. She also published a Paper in "Cutting-edge Library Services Right Away Using Social Networking Tools" in the 8th Convention PLANNER 2012 organized by INFLIBNET Center at Sikkim University, Gangtok on March 1-3, 2012 with two more colloaborative Author (Swati Soni and Suboohi S.)
- **Ketan Pandya and Krunal Varma** Computer Operator cum Programmer, Computer Engineering Department, IT-NU have finished their B.Tech in Computer Engineering Part Time Program in May 2012.
- Non-teaching staff members of all departments of IT-NU attended the workshop on 'Effective Office Administration' during May 21, 2012 to June 2, 2012.

Students' Corner

Students Achievements

- **Jyotendra Mahida** (MBA-FT 2011-13) of IM-NU has made it to the Grand Finale of Nissan Student Brand Manager (NSBM) Contest 2012 being organized by Bloomberg UTV, Nissan India and Frost and Sullivan.



- **Archita Prajapati** of IL-NU won consolation prize (Rs. 1000) for TILER (The Indian Institute of Legal Education and Research) 10000 words essay competition on "LEGAL EDUCATION IN 21ST CENTURY : CHALLENGES AND OPPORTUNITY IN INDIA", held by Mr. M K Bhandari, jodhpur law university and was awarded by Judge of ICJ, Mr. Dalveer Bhandari, May 25, 2012.
- **Tabish Samdani and Soumya Kapoor** of IL-NU presented a paper on March 23, 2012 in 'International Conference on Women Empowerment' at GNLU, Gandhinagar . Their paper got 2nd position all over India.

- IL-NU team participated this year at 19th Willem c. vis International Commercial Arbitration Moot Court Competition which was organized in the month of April 1-8, 2012 and was nominated for nominated for best respondent memorial.



- **Astha Chaturvedi, Zeal Shah and Sahil Trivedi** of IL-NU stood second in a National Parliamentary debate at School of Law, University of Petroleum and Energy studies. The event was held in the last week of March 2012.



- **Devang Shelat**, M. Pharm student of IP-NU, secured First Prize for Poster entitled “Pterocarpus Marsupium: A Potential Perspective for Effective Management of Lifestyle Disorders” in GUJCOST sponsored one day National seminar on Pharmaceutical Education Development: Need of Academia and Industry Harmonization on, March 2, 2012 at Shri B.M.Shah College of Pharmaceutical Education and Research, Modasa.
- **Divyang Patel**, M. Pharm student of IP-NU, secured Second Prize for Poster entitled “Halal Certification – An Essential Need For Herbal / Food Industry” in GUJCOST sponsored one day National seminar on Pharmaceutical Education Development: Need of Academia and Industry Harmonization on, March 2, 2012 at Shri B. M. Shah College of Pharmaceutical Education and Research, Modasa.
- **Dhara Patel** (10MECC023), Student of Electronics and Communication Department, IT-NU has published a paper titled “An Automatic audio Comparison based on human perception” International Journal of computer science and Application on May, 2011.
- **Khushbu Jani** (10MCLC04) First Ranker of IT-NU was awarded Certificate of excellence in AAKAR, 4th National level Civil Engineering Student Symposium at I.I.T. Bombay at March 3-4, 2012.
- **Mayank** (09BIT042) and **Siddharth** (09BIT063) of IT-NU have made us proud by winning the 1st prize 75000/- in campus quiz organized at IIM-A by TATA on March 29, 2012.
- **Fenil Kavathia** (08BCE028), **Vatsal Mevada** (08BCE035), **Manan Pancholi** (08BCE045) and **Sunny Patel** (08BCE060) of IT-NU made Cruxbot: Cruxbot has been selected as one of the top 50 web startups of Asia, and in regards to this it has marked its presence at the prestigious event - Echlon 2012, Singapore.
- **Bhargav Patel** student of M. Tech.(CSE) of IT-NU has been selected for the Google Summer of Code 2012 His proposal "GDAL/OGR: Rigorous support of Vertical Datums within OGR Spatial Reference" as submitted to "Computational Science and Engineering at Technical University Viena" has been accepted for Google Summer of Code 2012.
- **Chhaya Patel** (10MCEC29) of IT-NU won best paper award in National Conference, NCAET, KITRC Kalol on March 9, 2012.
- **Sujay Doshi** (09bce122) of IT-NU won the 1st prize(Rewarded a trophy) for Networking Event in IEEE, CSI, IETE, ICEIT Sponsored National Conference and National Students Convention at AITM Palwal, Haryana.

His paper was selected as one of the best papers all over India and presented in the IEEE, CSI, IETE, ICEIT Sponsored National Conference and National Students Convention at AITM Palwal, Haryana.

- **Savalia Akash Bhagvanjibahi** (08BME39) of IT-NU was ranked First Prize in Design and fabrication of legged robot at UG Final best selected projects by Mechanical Engineering Department on April 11, 2012.
- **Tarda Sagar Gordhanbahi** (08BME43) of IT-NU ranked First Prize in Design and fabrication of legged robot at UG Final best selected projects by Mechanical Engineering Department on April 11, 2012.
- **Vachhani Jay Amrutlal** (08BME44) of IT-NU ranked First Prize in Design and fabrication of legged robot at UG Final best selected projects by Mechanical Engineering Department on April 11, 2012.
- **Bachani Hitendrakumar Ishwarlal** (08BME01) of IT-NU ranked Second Prize in Mechanical Rigidization of inflatable tructures used in gossamer space applications. (ISRO) UG Final best selected projects Mechanical Engineering department on April 11, 2012.
- **Singh Akshit Shriprakash** (08BME71) of IT-NU ranked Second Prize in Mechanical Rigidization of inflatable structures used in gossamer space applications. (ISRO) UG Final best selected projects Mechanical Engineering Department on April 11, 2012.
- **Makwana Jigneshkumar Purusottamdas** (10MMET07) of IT-NU ranked First Prize in Experimental Studies on Fluidized Bed Gasifier PG Final selected best projects Mechanical Engineering Department on April 11, 2012.
- **Raval Nipun Pravinbhai** (10MMCC14) of IT-NU ranked Second Prize in Design & Analysis of centrifugal pump for liquid nitrogen PG Final selected best projects Mechanical Engineering Department on April 11, 2012.
- **Palak Madhwani**, student of B.Tech. Semester VIII, was selected in an integrated M.Tech – Ph D. program at IIT Gandhinagar.

Books Published

- **Navshesh Bikram Kshetri** and **Neha Bhuraney** of IL-NU research paper "Appraisal of the Comprehensive Gender Fissure: National and International Prospective" has been published in the research papers book named International Seminar on "Journey of Women Empowerment : Miles to Go"(From Page No. 334 to 343, ISBN No. 978-81-910389-5-8) which is published by the Gujarat National Law University, Gandhinagar.

Students' Activities

Academic Initiatives

Enigma Elevated '12



Nirma Institute of Pharmacy Students Association (NIPSA), Nirma University organized ENIGMA ELEVATED '12 on March 17, 2012 for Pharmacy students. Dr. Vinod Goyal well known Psychiatrist & Psychotherapist & CEO, Parth Hospital & Institute of Neuroscience was the Chief of Inaugural function and well known Journalist Mr. Praksh Shah was the Chief of valedictory function.

A project exhibition competition for the students of final semester B. Tech and M. Tech of IT-NU was organized on April 11, 2012

Social Initiatives

ISA students visited Old age home on March 17, 2012

Sports Initiatives

A cricket tournament "M.Tech. Cricket League-2012" was organized for the PG students of IT-NU during March 12 – 21, 2012. The team of M. Tech VLSI was the first runners up in the tournament.

Alumni Corner

Ms. Nidhi Shah, pass out of 2003 batch Electronics and Communication, IT-NU, delivered a talk on Trends in VLSI Design to the students of M. Tech VLSI on April 18, 2012.

Mr. Manoj Parmar, pass out of 2006 batch Electronics and Communication, IT-NU, delivered a talk on Electronics Industries in India and Abroad to the students of M. Tech VLSI on April 20, 2012.

Mr. Anand Patel, IT-NU Owner, National industries delivered lecture on "Practical approach to finance for engineering", March 15, 2012.

Mr. Mihir Parikh, IT-NU, Process manager, Asteel industries limited, delivered lecture on "Control and Instrumentation for power plant", March 15, 2012.

Mr. Pranshu Jain, IT-NU from Deloitte delivered an expert lecture to the students of B.Tech. Sem IV and VI (Civil) on "Career Opportunities for Civil Engineers" on March 14, 2012.

Mr. Harish Jakhmola, IT-NU, JMC Project Ltd. delivered an expert lecture to the students of B.Tech. Sem IV and VI (Civil) on "Expectation of industry and failures at construction sites" on March 23, 2012.

Mr. Amar Patel, IT-NU from Energy Entrepreneur, Ahmedabad gave an expert lecture to the students of B.Tech. Sem VI and M.Tech. - II (Thermal) on "Solar Photovoltaic Technology" on March 26, 2012.

Co-curricular & Extra-curricular Activities

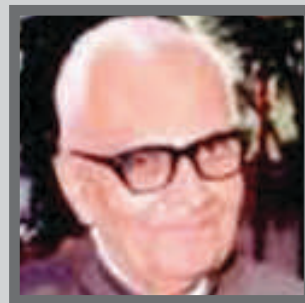
Winners & Runner-Up of Inter Institute Sport 2012

SR. NO.	EVENT	BOYS		GIRLS	
		WINNER	RUNNER-UP	WINNER	RUNNER-UP
1	Carom	IP-NU	IP-NU	IS-NU	IP-NU
2	Chess	IT-NU	IT-NU	IT-NU	IT-NU
3	Table Tennis (Singles)	IP-NU	IT-NU	IT-NU	IT-NU
4	Table Tennis (Doubles)	IT-NU	IT-NU	IT-NU	-
5	Volleyball	IT-NU	IL-NU	-	-
6	Football	IT-NU	IDS-NU	-	-
7	Cricket	IDS-NU	IT-NU	-	-

OBITUARY

It is with heartfelt sympathy that we share the news of the sad demise of Shri Bipinchandra Jivanlal Divan, former Chief Justice of High Court of Gujarat and member Board of Governors, Nirma University who passed away on 12th March, 2012 at the age of 92.

He served as Trustee of the Nirma Education & Research Foundation (NERF) and the member of the Board of Governors of Nirma University since its inception.



Justice Divan had a distinguished career as a Jurist. He started his profession as an Advocate in Bombay High Court in 1941 and was appointed as Judge, Bombay City Civil Court, Additional Sessions Judge Greater Bombay in 1954. He was then appointed as Principal Judge Bombay City Civil Court and Sessions Judge in the same state. Thereafter, he was elevated as Additional Judge of Gujarat High Court on 19.04.1962 and was made permanent judge w.e.f 23.09.1963. He had been the Chief Justice of High Court of Gujarat and then in Andhra Pradesh and again in Gujarat since July 1973 to August 1981. During the tenure as Chief Justice of Andhra Pradesh High Court, he also officiated as Governor of that State from 17.02.1977 to 05.05.1977.

Besides as eminent Judicial Expert, he was an educationist by heart, as he believed that education should be for all strata of the society. He believed in value based education. He was closely associated with many educational Institutes at various levels like Diwan Ballubhai School, Nirma University, Bhavan's College, Indian Institute of Management – Ahmedabad etc.

As a member of the Board of Governors Justice Divan took an active part in various meetings of the Board and made invaluable contribution the proceedings. The Board appreciates his valuable contribution to the development of the University.

The Board of Governors of Nirma University, the past and present members of the staff, nominal and statutory authorities, faculty and the entire Nirma Pariwar mourns the sad demise of Shri B J Divan and we pray to God that his soul may rest in peace and that He may give strength to his bereaved family members to bear the invaluable loss.

Forthcoming Events

No.	Event Name	Date of Event	Institute
1	Connaissance and Foundation Day	August 17-18, 2012.	IL-NU
2	ICMR sponsored one day national seminar on recent trends in Injectable drug delivery system	September 24, 2012.	IP-NU
3	International Space Conference 2012.	November 30 and December 1, 2012.	IL-NU
4	Nirma Institute of Pharmacy International conference, NIPiCON 2013, Emerging Frontiers: Geneses of drug and its journey to patients	January 18-20, 2013.	IP-NU

- **NU** Nirma University
- **IT-NU** Institute of Technology, Nirma University
- **IM-NU** Institute of Managment, Nirma University
- **IDS-NU** Institute of Diploma Studies, Nirma University

- **IP-NU** Institute of Pharmacy, Nirma University
- **IS-NU** Institute of Science, Nirma University
- **IL-NU** Institute of Law, Nirma University



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