



## Contents

Director's Desk	01
Editor's desk	01
From the Vice-President, Director General	02
Infrastructure	03
Institute Advisory Committee/ Faculty of Pharmacy	04-05
New Programmes & MoU	06
Dignitaries visited	07-11
Events	12-15
Social Extension Activities	16-17
News at a glance	18-26
Research	27-31
Press clippings	32

## Editorial Board

**Chairperson:**

Prof. Manjunath D. Ghatge

**Editor**

Dr. Shital Butani

**Editorial Members:**

Dr. Renuka Mishra

Ms. Shraddha Bhadada

Dr. Lalitha Poluru

**Student Members:**

Ms. Khushali Modi,  
M.Pharm sem-I

Ms.Zeal Parikh,  
B.Pharm sem-V

Ms. Shivangi Agrawal,  
B.Pharm Sem-III

## Director's Desk

It is my immense pleasure to bring out the special issue of our newsletter "Radiance" that focuses on the journey of Institute of Pharmacy, Nirma University since October 1, 2003. The Institute was established with the aim to promote excellence in Pharmaceutical education. During this decade, Institute of Pharmacy, Nirma University has established itself as a centre of excellence and is known for its quality teaching, learning and research. Institute of Pharmacy, Nirma University offers graduate and post graduate courses in eight disciplines and Ph. D. Programs in Pharmaceutical Sciences. I take this opportunity to thank all those who have contributed directly or indirectly in elevating the Institute to this level which is recognised by national and international authorities.

This issue includes the dignitaries on campus, events organised as well as major achievements of faculty and students. Innovation and excellence should be a base for research activities and the Institute provides a platform for the same.

I am sure that the Institute will achieve greater distinction and rise to greater heights in years to come.

With warm regards

**Dr. Manjunath Ghatge**

Director, Institute of Pharmacy

## Editor's desk

It is a matter of great pleasure to bring out the first issue of the seventh volume of "Radiance". This issue highlights ten years of successful journey of Institute of Pharmacy, Nirma University starting from October 2003. This successful journey has become possible due to constant support and motivation from our previous and current Director, Faculty, Staff and dear Students. I am sure that the memories of various events celebrated in last ten years will refresh us and motivate us to march ahead. I am thankful to all the members of the editorial board for putting untiring efforts to bring out this special issue.

Your suggestions and feedback to better our efforts in future are always welcome at [radiance.ip@nirmauni.ac.in](mailto:radiance.ip@nirmauni.ac.in)

**Dr. Renuka Mishra**





## Message from Vice President

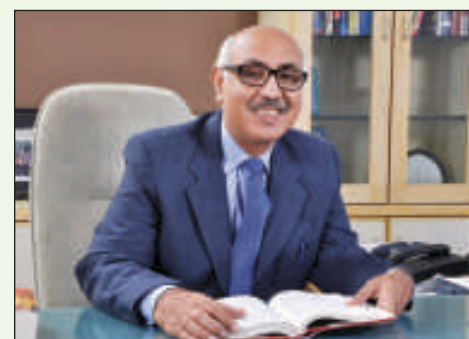
It is a matter of great pleasure that Institute of Pharmacy has completed 10 glorious years and to celebrate this, one of the activities is to bring out a special issue of the news letter depicting its journey of ten years and I think, the action is in the fitness of the occasion. However, it is also a time to retrospect ourselves about our strength and weakness both. No doubt, Institution has made reasonably good progress and it is one of the preferred Institutions in the field of pharmacy by the students. However, we have to do a lot to see that our Institution goes to the next level of excellence.



I would like to congratulate all the stakeholders in the Institution, viz. Director, Faculties, Non-teaching staffs and the students who have contributed in the development of the Institution and I wish all of them for a better future. I also wish that they continue to contribute in our further path of progress, not only in sustaining the milestones which we have achieved but also towards achieving many more milestones in developing the standard of teaching and research in the field.

**Ambubhai M. Patel**  
Vice-President

## Message from Director General



I congratulate the Institute of Pharmacy, Nirma University on the successful completion of glorious 10 years on October 1, 2013. I am happy to see that the Institute is providing high quality education in all fields of pharmaceutical sciences at undergraduate, postgraduate and doctoral levels. The Institute has achieved excellence in the fields of teaching, research and innovation. Various awards, grants and fellowships at national level were achieved by the faculty and students. The credibility of the Institute is evident by the visit of eminent dignitaries on the campus and the organisation of high value national and

international events and conferences.

I am sure that the Institute will continue to march towards excellence and innovation in the fields of pharmaceutical sciences and contribute its bit towards the well-being of humankind.

My heartily wishes to the Institute for the bright future ahead.

**Anup K. Singh, Ph.D.**  
Director General, Nirma University

## Infrastructure



**Institute of Pharmacy**



**Faculty members at Institute of Pharmacy**



**Staff members at Institute of Pharmacy**

## The Wind beneath our wings

Directors of Institute of Pharmacy whose memories with us will always be cherished-



**Late Prof. N.S. Parmar**  
Founder Director  
(23/8/2003 to 25/2/2004)



**Prof. Y.K. Agrawal**  
(2/8/2004 to 31/3/2008)



**Prof. Avani Amin**  
(1/4/2008 to 15/2/2010)



**Prof. Manjunath Ghate**  
(16/2/2010 onwards)

## Institute Advisory Committee-

Academic Advisory Committee is constituted to have constant guidance from eminent people for sustaining and enhancing, teaching as well as research activities of Institute of Pharmacy, Nirma University. Committee comprising members of National and International repute is constitutes as listed below:



**Prof. C.K. Kokate,**  
Vice-Chancellor of the KLE  
University, Belgaum visited on  
August 10, 2013



**Prof. S.K. Kulkarni,** Former Pro- Vice  
Chancellor, Panjab University and Ex-  
Director, Bombay College of Pharmacy,  
Mumbai on August 10, 2013



**Prof. Saranjit Singh,**  
Professor and Head, NIPER,  
Mohali visited on August 10, 2013

### Faculty of Pharmacy

Sr. No.	Name & Designation	Duration
1.	Dr. N. S. Parmar, Chairman (Ex-officio)	December 2003 - 2004
2.	Shri Ketan Patel, Member (Nominated)	December 2003 - 2007
3.	Shri Ganesh Naik , Member (Nominated)	December 2003 - 2007
4.	Prof. A.B.Patel, Member (Nominated)	December 2003 - 2007
5.	Prof. Y.K. Agrawal, Chairman (Ex-officio)	December 2003 - 2008,
6.	Dr. Jagruti Patel, Member (Ex-officio)	February 2007 - 2009
7.	Prof. Avani F.Amin, Member (Ex-officio)	February 2007 - 2010
8.	Dr. Anuradha Gajjar, Member (Ex-officio)	February 2007 - April 2013
9.	Dr. Vimal Kumar, Member (Ex-officio)	February 2007 - 2008; 2011 - Till date
10.	Dr. S.K. Vyas, Member (Nominated)	February 2007 - 2010
11.	Prof. C.J.Shishoo, Member (Nominated)	February 2007 - 2013
12.	Prof. R. Balaraman, Member (Nominated)	February 2007 - 2010
13.	Prof. R.K. Goyal, Member (Nominated)	February 2007 - 2010; 2013 - Till date
14.	Dr. Tejal Mehta, Member (Nominated)	February 2007 - 2013
15.	Prof. R.S.R. Murthy, Member (Nominated)	February 2007 - 2010
16.	Prof. A.K. Saluja, Member (Nominated)	February 2007 - 2010
17.	Dr.K.N. Patel, Member (Nominated)	February 2007 - 2010
18.	Dr. Srivastavan Member (Nominated)	February 2007 - 2010



19.	Dr. Rustom Mody, Member (Nominated)	February 2007 - 2013
20.	Dr. P.K. Ghosh, Member (Nominated)	February 2007 - 2010
21.	Dr. H.V.Trivedi, Member (Nominated from Academic Council)	February 2007 - 2013
22.	Prof. Manjunath Ghate, Chairman (Ex-officio)	2010 - Till date
23.	Dr. Priti Mehta, Member (Ex-officio)	2010 - Till date
24.	Dr. Hardik Bhatt, Member (Nominated)	2010 - Till date
25.	Mr. Nrupesh Patel, Member (Nominated)	2010-2013
26.	Dr. Shital Panchal, Member (Nominated)	2010- Till date
27.	Ms.Shraddha Bhadada, Member (Nominated)	2010- 2013
28.	Dr. Shital Butani, Member (Nominated)	2010 - Till date
29.	Ms. Nagja Tripathi, Member (Nominated)	2010 - 2013
30.	Ms. Dipal Gandhi, Member (Nominated)	2010- 2013
31.	Dr. Kuntal Manna, Member (Nominated)	2010 - 2011
32.	Dr. Jignasa Savjani, Member (Nominated)	2010 - 2013
33.	Prof. G. Nareshkumar, Member (Nominated from the Academic Council)	2010 - Till date
34.	Dr. Charmy S. Kothari, Member (Nominated)	2013 - Till date
35.	Dr. Kiran Marthak, Member (Nominated)	2013 - Till date
36.	Prof. Anita A Mehta, Member (Nominated)	2013 - Till date
37.	Dr. Vipin Dhall, Member (Nominated)	2013 - Till date
38.	Dr. Sanjeev R. Acharya, Member (Nominated)	2013 - Till date
39.	Dr. N.R. Sheth, Member (Nominated)	2013 - Till date
40.	Dr. Bhaswat Chakraborty, Member (Nominated)	2013 - Till date
41.	Prof. Sarat Dalai, Member (Nominated)	2013 - Till date
42.	Prof. M. Malikarjun, Member (Nominated)	2013 - Till date



## Chronological Details of New Programmes Initiated:

Year	Initiation of Programme
2003	B.Pharm
2004	M.Pharm (Pharmaceutical Technology & Biopharmaceutics) M.Pharm (Pharmacology) M.Pharm (Pharmaceutical Analysis)
2006	M.Pharm (Medicinal Chemistry) M.Pharm (Phytopharmaceuticals and Natural Products)
2008	B.Pharm (Hons)
2010	M. Pharm (Drug Discovery) Post B. Pharm Certificate Programme in Clinical Pharmacy
2012	M. Pharm (Clinical Pharmacy)
2013	M.Pharm (Regulatory Affairs and Quality Assurance)

### MoU Signed



MoU signed between Nirma University and University of Plovdiv, Bulgaria on September 9, 2011



MoU signed between Institute of Pharmacy, Nirma University and Ayurlab Herbals Pvt. Ltd, Vadodara for Academic Research Collaboration on March 12, 2012

### Alumni Speaks

**Dr. Nitesh Shah**, Manager-Technical, Health Care, South Asia, Evonik India Pvt. Ltd , Mumbai

*"Studies are normally boring, but 2 years at NIP were best learning days of my life. Thank you teachers, thank you Nirma."*

**Mr. Mahek Shah**, Drug Inspector, FDCA, Gujarat

*"Nirma...!!A Place from where I got motivating faculties, extraordinary colleagues and great friends. Simply, A platform to shape my vision into reality. "*

## Dignitaries Visited

Following are the dignitaries visiting the Institute of Pharmacy during last ten years-

### Visitors from Abroad



Dr. Mirjana Pavlovic, Research Professor, Florida Atlantic University during September 14-25, 2009



Dr. Leonid Shnyder, Industry Professor, Dept. of Mechanical Engineering, Stevens University, New Jersey, USA on January 11, 2010.



Dr. Michael Rathbone, Associate Professor of Pharmaceutics, School of Pharmacy, Griffith University, Australia on February 13, 2010



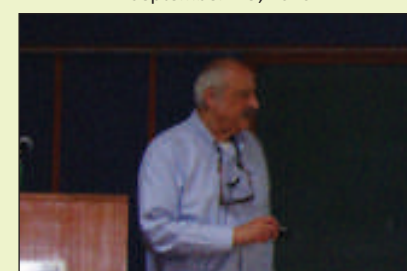
Dr. Iliyan Ivanov, Dean, Faculty of Chemistry, University of Plovdiv, Plovdiv, Bulgaria and Dr. Stoyanka Nikolova, Department of Organic Chemistry, University of Plovdiv, Bulgaria on September 1-9, 2010



Dr. Subramaniam Anantham, Senior Scientist, Santhan Research, Birmingham on November 27, 2010.



Prof. Dong Soo Shin, Professor, Department of Chemistry, Changwon National University, South Korea on February 8, 2011.



Prof. Mitchhel Z. Wincor, Associate Dean, Global Initiatives and associate professor of Clinical Pharmacy University of Southern California, USA on September 16, 2011



Dr. Eric K Kupferberg, Senior Assistant Dean, College of Professional Studies; North-eastern University, Boston, USA on November 10, 2011



Dr. Stephen Amato, Professor and academic Specialist, Regulatory Affairs, North-eastern University, Boston, USA on November 10, 2011.



Dr. Cornelia Schroeder, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany during January 18-20, 2013



Dr. Nikolaos Kostopoulos, Holistic Health Centre, Greece during January 12, 2010 and January 20, 2013



Dr. Dhvanit Shah, Harvard Medical School and Associate Scientist, Brigham and Women's Hospital, USA on March 9, 2013





Dr. Rajkumar J. Sevak , Research Faculty Member, UCLA David Geffen School of Medicine, Department of Psychiatry and Biobehavioral Sciences, Los Angeles, CA on July 25, 2013 -

- Dr. Apurva Seth - University of Ohio, Wyeth State University on January 16, 2008.
- Dr. David Taft, Dean, College of Pharmacy, Long Island University, Brooklyn, New York, USA on January 12, 2010.
- Dr. Camillus Power, Dean, Faculty of Pain and Medicine, College of Anaesthetists, Dublin, Ireland on January 12, 2010
- Mr. Karen Stanley, Lecturer in Microbiology, Biomedical Research Centre, Sheffield Hallam University, Sheffield, UK, on May 19, 2010.
- Dr Richard Montgomery, Assistant Director, BSPS program, University of Toledo, USA on September 26, 2011.

### Alumni Speaks

**Mr. Divij Shah**, Research Associate (Formulation department), Piramal Pharmaceutical Development Services Pvt. Ltd., Ahmedabad, Gujarat.

*"It is very difficult even to stand in such a competitive world. It is IPNU that nurture the hidden talents of students & make them to stand in recent competitive world. Fortunate enough to be student of Institute"*

**Mr. Parth More**, Research Officer, Global Technical Services (R & D), Mylan Lab Ltd, Nashik, Maharashtra

*"Wonderful platform for all round development, shaping my career with all the required technical and behavioral aspects. It helped me to form a strong foundation of my bases and groomed me to tackle the competitive world of pharmaceuticals"*

### Visitors from India



Mr. Ganesh Nayak, Executive Director, Zydus Cadila Healthcare Limited, Ahmedabad on October 1, 2003



Dr. Venkateshvarlu, Drug Controller of India, New Delhi on July 12, 2006



Dr. H.P. Tipnis, Director, Pharmacy Practice, Medicine Shoppe, Mumbai on July 23, 2007.



Prof. K.G. Akamanchi - Professor & Head, Department of Pharmaceutical Technology & Pharmaceutical Science, Mumbai University Institute of Chemical Technology on December 14, 2007.



Prof. V. Krishnan - Former President, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore on February 29, 2008



Dr. C. K. Kokate, Vice-Chancellor of the KLE University, Belgaum on November 27, 2010 and August 10, 2013



Dr. S. Chandrasekhar, Dy. Director, Indian Institute of Chemical Technology (IICT), Hyderabad on September 8, 2010



Dr. R. Rajendran, CEO, Green Chem Ltd. Bangalore, August 18, 2011



Dr. M. N. Saraf, Principal, Bombay College of Pharmacy, Mumbai on September 10, 2011 and October 29, 2012.



Dr. Ajay Namdeo, Faculty at Department of Pharmacognosy, Bharti Vidyapeeth, Pune on January 21, 2012



Dr. Krishna R. Iyer, Faculty, Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Bombay on February 25, 2011 & January 12, 2012



Dr. J. M. Vyas, Director, Directorate of Forensic Science Laboratory, Gandhinagar on November 11, 2011.



Dr. S. Y. Gabhe, Professor, Poona College of Pharmacy, Bharti Vidyapeeth, Pune on September 10, 2011 and January 4, 2012.



Dr. V. L. Kumar, Professor, Dept. of Pharmacology, AIIMS, New Delhi delivered lecture on January 25, 2012.



Dr S H Ansari, Dean, Jamia Hamdard University, New Delhi on July 23, 2011.



Prof. Saranjit Singh, Professor & Head, Pharmaceutical Analysis, National Institute of Pharmaceutical Education & Research, Mohali on March 5, 2011, January 19, 2013 and August 10, 2013



Dr. Harish Padh, Vice Chancellor, Sardar Patel University, Vallabh Vidhyanagar on November 13, 2011 and March 18, 2013.



Dr. Pratim Kumar Choudhury, Head, Dept. of Pharmaceutical Sciences, Mohanlal Sukhadia University, Udaipur on May 19, 2012





Prof. R. S. R. Murthy, Director and Head, Department of Pharmaceutics, ISF College of Pharmacy, Moga on July 3, 2012



Dr. V.B. Gupta, B R Nahata Pharmacy College, Mandsaur on July 4, 2012



Prof. O.P. Katare, Professor & Dean, Department of Pharmaceutical Sciences, Punjab University on September 25, 2012



Dr. Ketan Patel, Managing Director, Troikaa Pharmaceuticals Ltd, Ahmedabad on January 20 and November 1, 2012



Dr. Rajiv Modi, Managing Director, Cadila Pharmaceuticals Ltd., Ahmedabad on January 18, 2013



Dr. P. G. Yeole, President, Association of Pharmacy Teachers of India (APTI) on January 18, 2013



Prof. N.Udapa, Principal & Head of Dept. of Pharmacy Management, Manipal College of Pharmaceutical Sciences, Manipal on January 18-20, 2013



Dr. A.K. Saxena, Chief Scientist and Former Head, Medicinal & Process Chem. Division, CDRI, Lucknow on January 19, 2013



Dr. Y. K. Gupta, Professor and Head of Department, Pharmacology, AIIMS, India on January 19, 2013



Prof. Evans Coutinho, Professor & Head, Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Mumbai on January 20, 2013



Mr. Narottam Sahoo, Advisor, GUJCOST on January 20, 2013



Dr. Vandana B. Patravale, Professor of Pharmaceutics Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai on February 20, 2013



Mr. Man Singh, Dean, School of Chemical Sciences, Central University of Gujarat, Gandhinagar on March 23, 2013



Dr. S.S. Poddar, Professor and Head, Pharmaceutics, K.M.K College of Pharmacy, Mumbai on May 21, 2013



Mr. Jaimin Vasa, Managing Director, Vasa Pharmachem Pvt. Ltd., Ahmedabad on July 29, 2013



Prof. Bhushan Patwardhan, Professor and Director, Interdisciplinary School of Health Sciences, Pune on April 23, 2013



Dr. Jyoti Kumar Paliwal, Medical Advisor, Troikaa Pharmaceuticals, Ahmedabad during November 11-13 and June 24, 2013



Prof. S.K. Kulkarni, Former Pro- Vice Chancellor, Panjab University and Ex-Director, Bombay College of Pharmacy, Mumbai on August 10, 2013



Dr. S. P. Kosta, Ex. Vice Chancellor, Rani Durga University and Ex-Director ISRO, Bangalore on April 26, 2013



Dr. D. Sriram, BITS-Pilani, Hyderabad on May 3, 2013



Prof. R. K. Goyal, Distinguished Professor, Institute of Life Sciences, Ahmedabad University, Ahmedabad on June 25, 2013



Dr. Bipin Pandey, Ex- Vice President, Zydus Research Centre, Ahmedabad during January 18-20 2013, June 25, 2013



## Conferences / Seminar / Workshop at Institute of Pharmacy

Institute of Pharmacy, Nirma University always focuses on organization of various national as well as international events as listed below to quench research need of students and faculty members.

### International Events



International Conference on "Indo American Pharmaceutical Regulatory Symposium 2011" on November 11-13, 2011 in association with North Eastern University, Boston, USA.



International Conference, Nirma Institute of Pharmacy International Conference (NIPICON) - 2013 on the theme of 'Emerging Frontiers: Genesis of Drug & its Journey to Patients' during January 18-20, 2013.

### National Events



AICTE sponsored One day National level workshop entitled "Environment and Pollution Awareness with particular reference to Pharmaceutical industry" on September 11, 2004



One day workshop on "Supercritical Fluid Chromatography and Chiral Separators" on January 18, 2005



National seminar entitled Modern Trends in Nanotechnology and Supramolecular Assemblies during April 2-3, 2005



Two day National level seminar entitled Supramolecular assemblies, Nanotechnology and Nanomedicines" during March 4-5, 2006



National seminar entitled Modern Trends in Supramolecular Nanotechnology and Nanomedicines" during March 16-17, 2007



National seminar entitled "Frontiers in nanotechnology- A Pharmaceutical Perspective" on March 20, 2009



Workshop on "Modern Instrumentation Techniques" during MAICTE sponsored National level seminar entitled "Alternative synthetic strategies for drugs and drug intermediates" on November 13, 2009



AICTE sponsored National level seminar entitled "Alternative synthetic strategies for drugs and drug intermediates" on November 13, 2009



61st Indian Pharmacy Congress (IPC) with the theme "Pharma Vision 2020 - Building Trust in Safety and Efficacy of Medicines" was held in Nirma University Campus during December 11-13, 2009



CPCSEA Regional Workshop on "Role of CPCSEA in Education and Research" on March 15, 2010



Workshop on "Modern Equipments for Formulation Development" was organized during August 19-20, 2010



Seminar entitled "Bioequivalence and Pharmacovigilance" on August 14, 2010 in association with Drug Information Association (DIA)



National Seminar on "Recent Advances in Drug Discovery" on September 9, 2010



Workshop on "Modern Instrumentation Techniques" during January 20-21, 2011



AICTE Sponsored National Seminar on "Natural Products: Scope and Status by 2020" during August 19-20, 2011



Inter-Institute Seminar on 'New Horizons in Chemical and Pharmaceutical Research Technologies' on August 6, 2011



National Seminar entitled "Drug Development and Evaluation: PK-PD Perspective" on March 11, 2011



ICMR sponsored National seminar on "Morden Instrumentation Techniques in herbal drug research" during April 10-11, 2012



ICMR sponsored National seminar on "Recent advances in injectable drug delivery systems" on September 24, 2012



Continuous Education Program on "Pharmacovigilance" sponsored by Nirma Ltd., (Healthcare division) during October 15-16, 2012



CSIR sponsored workshop on "Hands on Training on Software Related to Computer Aided Drug Design" during January 21-22, 2013



National Seminar on "Recent Advances in Drug Discovery" on March 23, 2013





## Faculty and Staff Development Programme

Faculty Development is a critical aspect of the Institute's multifarious activities. In addition to various Conferences and Seminar, Faculty and Staff development programmes are also organized at regular intervals to help them continuously and regularly advance their skills. A Few are listed below:

- AICTE / ISTE sponsored STTP on "Current Trends in Formulation Technology of New Drug Delivery Systems" during November 1-15, 2003
- Faculty Development Programme (FDP) during June 15-17, 2010.
- Faculty Development Programme (FDP) on June 29, 2011.
- Staff Training Programme for Laboratory Assistants during June 22-24, 2011.
- Self Enhancement Programme for supporting staff during January 30 to February 29, 2012.
- Staff Training Programme on Effective Personnel Management during June 10-20, 2013.
- ISTE sponsored STTP on "Emerging Technologies in Pharmaceutical Research" during June 24 to July 6, 2013



### N. S. Parmar Memorial Lecture (2005 to 2011)

Dr. N. S Parmar was the Founder Director of Institute of Pharmacy and for his remembrance, an oration is organised every year.

Year	Talk Delivered by
2005	Prof. C. J. Shishoo, Honorary Director, B.V. Patel Pharmaceutical Education and Research Development Centre, Ahmedabad, Gujarat
2006	Dr. J. K. Lalla, Former Principal, Principal K. M. Kundnani College of Pharmacy, Mumbai, Maharashtra
2007	Dr. M. M. Patel, Vice Chancellor, Ganpat University, Kherva, Mehsana, Gujarat
2008	Dr. A. K. Shukla, Director, Suvik Hitek Pvt. Ltd. and Director, PG Programme, K.B. Institute of Pharmaceutical Education & Research, Gandhinagar, Gujarat
2009	Prof. M. C. Gohel, Principal, L. M. College of Pharmacy, Ahmedabad, Gujarat
2010	Dr. Evans C. Coutino, Professor and Head, Dept of Pharmaceutical Chemistry, Bombay College of Pharmacy, Mumbai
2011	Prof. Chandrakant K. Kokate, Vice-Chancellor, KLE University, Belgaum, Karnataka



## Cultural and Co-curricular Activities

### NirmaQuest (2005-2012):

Arena of State Level Co-curricular competitions for Pharmacy students of Gujarat which includes a variety of competitions like Quiz, Pharma Chef, Cartooning, Pharma skit & Pharma news editing. From year 2012 it is organised at National level looking at the participation of students.



### Rostrum - A cultural Programme (2005-2012)

Two Days Annual Cultural Festival 'Rostrum' is organized every year in month of September- October which includes various competitions like ad-mad show, dancing, singing competition, drama, skit, mime, mono acting and Mr. and Ms Rostrum etc. to bring out the inherent talent of students. List of chief guest includes eminent persons from the cultural field like Shri Upendra Trivedi, Shri Krishnakant Jha, Smt. Smita Shastri to motivate students.



### Foundation Day (2005-2012)

Institute of Pharmacy was established on October 1, 2003 and since then foundation day is celebrated on 1st October every year. Eminent speakers from reputed organisation are invited to deliver talks along with events like Making Collage, Rangoli, Extempore, Elocution and Debate Competitions. Dr. B.S. Munjal, Dr. Vipan Dhall, Shri Sunil Parekh have been invited as Chief Guests.

### Orientation Programme

The Orientation program at the onset of the semester is organized for fresher students of B.Pharm and M. Pharm to orient them towards next semester as well as to create awareness about recent advances in pharmaceutical field. It is important to familiarize them with the Institute's rules and regulation, recent trends and development in the field of pharmacy. The same is organized for one week. Such programmes are also organized for PhD students to acquaint them on advances in research, latest technology and knowhow of doing research.



### Industrial Exposure

The students of the Institute are prepared to face the global challenges with changed perspectives of the contemporary Industry. They are given theoretical and practical knowledge in the institute as well as practical training in industries. Visits to various industries (different departments) were organized for the students of M. Pharm as well as B. Pharm are a regular feature of curriculum.



### Sports Competitions

Sports must be a part of student's life as it teaches team work, sportsman spirit and reduces the work tension. Hence every year various indoor and out door healthy competitions like carom, chess, running, high jump, long jump, volley ball, cricket, foot ball, basket ball etc are organized.



### Other Activities

Teachers day celebration on 5th September, Anti Ragging Poster Competitions when new B.Pharm and M.Pharm entrants come, Industrial visit every year to impart practical knowledge, Open house career guidance seminar for 12th Pass out students, Annual alumni meet (IPNUAA), Independence day celebration, Republic day celebration, Ras garba (Ramzat) etc. are organized at Institute of Pharmacy.

Convocation at University level is also a grand event held every year in month of October-November by Nirma University. Glimpses are as below:



## Social Extension Activities

Nirma University's vision and mission statement focus on overall development of students and making them good citizens of India. With this noble motive and to cater needs of society, students are involved in various extension activities as below:

### Awareness Camps

#### 1. Diabetes Awareness Camp



A Diabetes Awareness Programme was jointly organized by Institute of Pharmacy, Nirma University & University of Southern California (USA) at Parimal Garden, and Law Garden, Ahmedabad in 2010. The main focus of the programme was to make the general public aware about the rapidly growing disorder "Diabetes Mellitus" in Indian citizens. The people visiting the garden were tested for their blood sugar level. Further, they were counselled to see the physician if their blood sugar level was not found in the normal prescribed limit. More than 450 participants were tested for their blood sugar level.

#### 2. Tobacco Awareness Camp

Anti-Tobacco Awareness Programme was conducted among the school children of the Chharodi Primary School in Chharodi village in 2009 in collaboration with Gujarat Voluntary Health Association. The school children were educated regarding the adverse effects of the tobacco chewing as well as video on hazards of tobacco chewing was shown to them.

#### 3. Nutrition, sanitation and vaccination awareness camp

The extension activity for the benefit of the society was organized by the faculty and students of Institute of Pharmacy, Nirma University at Jagatpur Primary School in 2012. The theme of activity was to create awareness about "Nutrition, sanitation and vaccination". Approximately 140 students and 30 village people attended the activity, and were

advised to follow good habits. Initially a video-film and presentation was shown to them followed by Poster presentation, and then the committee members distributed the kit containing things for sanitation like nail cutter, tooth paste, tooth brush, comb, soap and shampoo pouch to the students and village people. The school officials insisted on organizing this kind of programme in future and helped a lot in making the programme successful.

#### 4. Blood Donation Camp

Nirma Institute of Pharmacy Students Association (NIPSA) in collaboration with Rotaract Club of Ahmedabad Airport organized a blood donation camp for the first time at Institute of Pharmacy in 2012. It was conducted by the Indian Red Cross Society. A total of 81 units were collected through the day. The blood donation camp saw a lot of youth participating. This was undoubtedly an encouraging indicator of volunteerism. Faculty members also chipped in by taking out time from their busy schedule. Hemoglobin, blood pressure and weight were checked prior to blood donation. Overall it turned out to be a pretty successful camp and it is a medium for the members of the Institute to serve mankind.

#### 5. Health Awareness Camp

Institute of Pharmacy organized Health Awareness Camp at Jagatpur Primary School in 2013. The students explained the importance good habits, healthy food and cleanliness to approximately 150 school children. Initially video-films and presentation were shown to them followed by Poster presentation, and then the committee members distributed the kit containing things for like tooth paste, tooth brush, tongue cleaner, soap, hair oil and handkerchief to the students. The student queries were promptly and perceptively answered. The school officials insisted to organize this kind of camp in future. Over all such camp are useful tool to bring awareness amongst the village people.



### Other activities

#### 1. Cancer Walk

The Faculty and students participated in "Cancer Walk" organised by Cadila Health Pvt. Ltd., Ahmedabad, to create awareness amongst the common men about prevention, causes, the importance of early detection and the treatment of cancer.



#### 2. Stem Cell Donation

Institute of Pharmacy, Nirma University organized a Stem Cell Donation Drive under the aegis of Datri, a non-profit organization based in Chennai in 2012. People suffering from life threatening diseases like leukemia, lymphoma etc. can be cured through a bone marrow or a Peripheral Blood Stem Cell (PBSC) transplant. At Institute of Pharmacy, Nirma University awareness was created regarding stem cell donation and the buccal swabs were collected, which would be further processed in a state-of-the-art lab at Histogenetics, a partner of DATRI. The process of buccal swab collection was carried out at Nirma house, Ashram Road, Ahmedabad and at various plants of Nirma Ltd. like Mandali, Moraiya and Sachana. Thus, in total more than 2000 samples were collected during these days.



#### 3. Old Age Home Visit

A visit to an old age home, Shri Manilal Tribhovandas Matrugruh, located near the Chandranagar BRTS Stop, Ahmedabad was organized by NIPSA as an event of joy giving in 2012. This activity turned out to be a great success for the budding association and its enthusiastic members. This home, which is run by a trust, had a very cordial environment where all the old ladies lived happily with one another. The students made genuine and sincere efforts to involve the resident ladies in activities like bhajans, dances, garba and also bhavai. These were really applauded. Poha, flavored milk and painda were relished by the inmates. They were provided with kits containing toiletry and medical supplies by the Association.





## Faculty Achievements

### Foreign Visits

- Dr. Bhoomika M Patel presented paper at 2nd World Congress, Japan in July 2006 and received travel grant from the All India Council for Technical Education [AICTE] for the same.
- Dr. Priti J. Mehta attended the 35th Conference of Federation of Analytical Chemists and Spectroscopy Society between September 28 to October 2, 2008 at RENO, NEVADA, USA for research paper presentation.
- Dr. Hardik Bhatt attended 2009 AAPS Annual Meeting and Exposition, Los Angeles, CA, USA between November 8-12, 2009 for research paper presentation.
- Prof. Manjunath Ghate received the travel grant from Department of Science and Technology (DST) to present the paper in International Conference on "Frontiers in Medicinal Chemistry" during March 14-17, 2010 in Munster, Germany.
- Prof. Manjunath Ghate visited Plovdiv University, Plovdiv, Bulgaria in connection with DST sponsored Indo-Bulgarian Collaborative Project during May 15-31, 2010. During his visit he delivered a talk on Synthesis and Biological activity of Heterocycles. It was attended by postgraduate and faculty of Plovdiv University, Bulgaria. He also visited University of Sofia, Sofia, Bulgaria.
- Dr. Bhoomika M. Patel has presented poster at the Heart Failure Congress 2011, at Gothenberg, Sweden during May 21-24, 2011 and received travel grant from the All India Council for Technical

Education [AICTE] and Department of Science and Technology [DST], Government of India for the same.

- Mr. Jigar Shah received International Travel Grant of Rs.1,20,000/- from Department of Science & Technology (DST), Government of India, for attending and presenting a research paper at 2011 AAPS Annual Meeting & Exposition, held during October 23-27, 2011 at Washington DC, USA.
- Dr. Jignasa Savjani attended and presented research paper in oral presentation session in "16th Annual Green Chemistry and Engineering Conference", held at Washington DC, USA during June 18-20, 2012 for which received financial assistance from CSIR (Council of Scientific and Industrial Research).
- Mr. Dhaivat C. Parikh has presented the research paper at the International Conference "PharmaTech 2012" held on November 20-21, 2012 at Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia

### Staff Achievements

- Dr. Lalitha Poluru, Librarian, Institute of Pharmacy has been Nominated as Member, International Advisory Committee for an edited book 'Rejuvenated Libraries for Empowered Users' that will be published by Digital Information Research Ltd, UK (a division of the Society for Information Organization, Harrow, London, UK).

### Research Awards

Sr. No	Year	Name of Faculty	Name of Award	Awarding Agency/Conference
1	2005	Prof. Y.K. Agrawal	A.T. Athavale Award	Analytical Chemistry by Society of Analytical Scientists, India
2	2006	Prof. Y.K. Agrawal	Award for his outstanding work in Application Research in Chemical System	SPARCS, IIT, New Delhi
3	2006	Prof. Tejal Mehta	Best paper award	Association of Pharmaceutical Teachers of India
4	2007	Dr. Bhoomika M. Patel	G.Achari prize	38th Annual conference of India Pharmacological Society



5	2008	Dr. Bhoomika M. Patel	N. S. Dhalla Young Scientist Award	Joint conference of International Society of Heart Research, International Academy of Cardiovascular Science & Heart Failure Society of India
6	2010	Dr. Bhoomika M. Patel	Best paper publication award	28th annual Conference of the Indian Pharmacological Society, Gujarat Chapter
7	2010	Mr. Vivek Vyas	First prize for paper presentation	NAAC sponsored National Seminar at B.R. Nahata College of Pharmacy, Mandsaur, MP
8	2011	Ms. Shraddha Bhadada	N. S. Dhalla Young Scientist Award	4th World Congress, International Academy of Cardiovascular Sciences held at Vadodara
9	2011	Dr. Kuntal Manna and Dr. Hardik Bhatt	Third prize for model designing	Myriad at Institute of Research and Development, Gujarat Forensic Science University, Gandhinagar, India
10	2011	Dr. Bhoomika M. Patel	Second Prize for best poster presentation	Indo-American Pharmaceutical Regulatory Symposium jointly organized by IP-NU and Northeastern University
11	2011	Prof. Priti Mehta	First prize in guide category for best innovative M Pharm thesis award	MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd
12	2011	Dr. Dhaivat Parikh	Research Award - Certificate of Merit	Controlled Release Society - Indian Chapter (CRS-IC)
13	2012	Dr. Bhoomika M. Patel	First prize in oral presentation competition	National Conference jointly organized by Pharmanext and L. J. Institute of Pharmacy
14	2012	Ms. Shraddha Bhadada	Second prize in oral presentation competition	National Conference jointly organized by Pharmanext and L. J. Institute of Pharmacy
15	2012	Dr. Snehal Patel	First prize in poster presentation competition	National Conference jointly organized by Pharmanext and L. J. Institute of Pharmacy
16	2012	Dr. Mayur Patel	Second prize in poster presentation competition	National Conference jointly organized by Pharmanext and L. J. Institute of Pharmacy
17	2012	Prof. Priti Mehta	National level best M.Pharm thesis Award 2012 (Guide category) in Quality Assurance area	MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd.
18	2012	Prof. Priti Mehta	P.D. Sethi Life Time Annual Award 2011	Best research paper
19	2012	Prof. Manjunath Ghate	National Level best M.Pharm thesis Award 2012 (Guide category) in Pharmaceutical Chemistry area	MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd.



20	2012	Prof. Tejal Mehta	National level best M.Pharm thesis Award 2012 (Guide category) in Pharmaceutics area	MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd
21	2013	Dr. Snehal Patel	Best poster	ICMR sponsored National conference organized by Ramanbhai Patel college of Pharmacy, CHARUSAT, Changa.
22	2013	Dr. Bhoomika M. Patel	IPS Ahmedabad Branch Prize for best research paper	Pharmacon 2013, 29nd Annual Conference of Indian Pharmacological Society, Gujarat Chapter
23	2013	Mr. Vivek Vyas	Best poster Award	BioInfo Conclave 2013 at Gujarat Cancer Research Institute (GCRI) Department of Cancer Biology, Ahmedabad, Gujarat

### Expert Lectures Delivered by Faculty at National and International level

#### International

- Prof. Manjunath Gbate has delivered a lecture at University of Plovdiv, Bulgaria May 17, 2010
- Prof. Manjunath D. Gbate was invited as Speaker and Chairman of a session in the 9th Changwon International Symposium on Advanced Science and Technology held on October 4-6, 2011, Changwon South Korea.
- Prof. Anuradha K. Gajjar was invited to deliver a session lecture at the 3rd International Conference on Drug Discovery & Therapy at Dubai, during February 7-10, 2011
- Prof Manjunath Gbate attended Bulgarian Chemical Society conference in Blacksea,Bulgaria on June 2012
- Prof Manjunath Gbate presented a research paper in 95th Canadian Chemistry Conference, Calgary, Canada on May 26-30, 2012

#### National

- Prof. Vimal Kumar delivered invited lecture on "Supercritical Fluids Technology in New Herbal Drug Discovery" in the "International Conference on Folk and Herbal Medicine" being organized by University College of Science, Mohanlal Sukhadia University Udaipur on November 26, 2010.
- Prof. Vimal Kumar delivered invited lectures on "Need for National Policy for the Promotion of Herbal Drugs" during MPCOST Sponsored National Conference on "Industry Academic Interaction for Removing Blocks and Accelerating Commercializing of Pharmaceutical Research" at Sagar Institute of Pharmaceutical

Sciences, Sagar on April 14, 2011 and "Supercritical Fluid Extraction & Herbal drugs " at United Institute of Pharmacy, Naini, Allahabad on October 24, 2011.

- Dr. Vimal Kumar delivered invited lecture on Supercritical Fluids Technology (SFT) in Chemical and Biological Research during national seminar on "Recent Trends in Chemical and Biological Sciences" at Government Holkar Science Autonomous College, Indore (M.P.) on January 15, 2012.
- Dr. Vimal Kumar delivered invited lecture on Need for National Policy for the Promotion of Herbal Drugs, Phytopharmaceuticals & Natural Products in India Pharmacy Convention on "Challenges & Issues in Pharmaceutical Sector in India at DIPsAR, New Delhi" on February 12, 2012.
- Dr. Shital Panchal chaired scientific session at the International congress of ethnopharmacology on "Traditional Medicine and Globalization-The future of Ancient Systems of Medicine" organized by School of Natural Product Studies, Jadavapur University, Kolkata and International Society of Ethnopharmacology on February 19, 2012.
- Prof. Vimal Kumar delivered 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, organized by SIRT-Pharmacy, Bhopal



- Prof. Vimal Kumar 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" at Ali-Allana College Of Pharmacy Akkalkuwa, Maharashtra on May 30, 2012.
- Dr. Vimal Kumar, delivered the invited lecture as a resource person on "Supercritical Fluids Technology (SFT): A Green Technology in Novel Drug Delivery of Herbal Drugs" during AICTE sponsored two weeks Faculty Development Program on "Application of Novel Drug Delivery System for the Molecules of Herbal Origin" at Truba Institute of Pharmacy, Bhopal (M.P.) on June 10, 2013.
- Dr. Vimal Kumar, delivered the invited lecture as a resource person on "Advances in Herbal Drugs Research with Reference to Anti-asthmatic Agents" in AICTE Sponsored Two Week Faculty Development Programme" on Academic Research: A Tool to improve the quality of research at ADINA Institute of Pharmaceutical Sciences, Sagar (M.P.) on June 21, 2013.

### Student Achievements

#### B. Pharm

- Graduate Aptitude Test for Engineers (GATE) 2007- "A National Level Entrance test for admissions in M.Pharm Programme" conducted by Indian Institute of Technology. A total of 110 students ( 60 B.Pharm semester-VIII and 50 B.Pharm semester-VI) appeared for this exam. Out of which 90 students qualified. Shaunak Pandya secured All India 6th rank, Niraj Patel 23rd rank and Neha Vithani 49th Rank All Over India.
- Ms. Neha Vithani secured All India 7th Rank in GATE 2008.
- Ms. Pankti Desai received M. L. Khurana Award for securing highest marks in B. Pharm from all over India in 2009.
- GPAT Examination "A National Level Entrance Test for Admissions in M.Pharm Programme" was conducted All Over India for B.Pharm students.Total 56 Students of Institute of Pharmacy qualified in GPAT 2010. Mr. Parth More secured First Rank at All India Level in GPAT Examination 2010. Mr. Dhaval Bendale secured 38th rank and Mr. Devang Patel secured 90th rank.

- Ms. Bhagyashri Fachara received the M. L. Schroff Medal for securing the highest grade in B.Pharm Exam held in March/April 2012. The medal and certificate was presented at the Inaugural Function of the 64th Indian Pharmaceutical Congress held on 7th December 2012 at SRM University, Chennai.

### M.Pharm

#### Best M.Pharm Thesis

- Mr. Kuldip Barot, guided by Prof. Manjunath Gbate, was awarded first prize for "Rajinibhai V. Patel Competition for Best Thesis at Masters Programme - Pharmaceutical Chemistry Category" for the year 2010, supported by Department of Science and Technology (DST) and Troikaa Pharmaceuticals Ltd.
- Mr. Mahek Shah, guided by Tejal A. Mehta, Co-guided by Dhaivat C. Parikh, was awarded runner up prize for "Rajinibhai V. Patel Competition for Best Thesis at Masters Programme - Pharmaceutics Category" for the year 2010, Supported by Department of Science and Technology (DST) and Troikaa Pharmaceuticals Ltd.
- Ms Gargi Lakwani won best innovative M Pharm Thesis Award (National Level Competiton) in area of Quality Assurance jointly organized by MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd. in May 2012.
- Ms. Krishna A. Gajjar has been awarded at the National Level, the Most Innovative M.Pharm Thesis Award in the R.V.Patel Innovative M.Pharm Thesis Competition 2012-13 in the Student category in the area of Pharmaceutical Chemistry, jointly organized by Troikaa Pharmaceuticals Limited and MSME sponsored by Department of Science & Technology, New Delhi.

### Paper Presentation Abroad

- Ms Gargi Lakwani, M.Pharm student under the guidance of Dr Priti Mehta, presented a poster entitled "Development and Validation of Raman Spectroscopic Technique for Estimation of Amlodipine and Nebivolol in Their Combined Dosage Form" at the International conference AAPS Annual Meeting and Exposition, Washington DC, USA from October 23-27, 2011



- Mr. Harsh Shah, M.Pharm student under the guidance of Dr. Shital Butani, Prof. Tejal Mehta and Mr. Dhaivat Parikh, presented a poster entitled "Formulation and Development of Paracetamol Oral Jelly as a Novel Paediatric Dosage Form", at the International Conference AAPS Annual Meeting and Exposition at Washington DC, USA from October 23-27, 2011.
- Mr. Somsuvra B. Ghatak, Ph.D. Scholar under the guidance of Dr. Shital Panchal, presented a Research Paper at International Conference & Exhibition on Cancer Science & Therapy held on August 15-17, 2011 at Las Vegas, USA. He has

received full International travel support from the Department of Science and Technology (DST), Government of India for the same.

- Omkar D. Sherikar, Ph.D. Scholar under the guidance of Dr. Priti J. Mehta, of Institute of Pharmacy presented a research paper at the International Conference, Analytical Research Forum 2012, held on July 2-4, 2012 at Durham University, United Kingdom. The conference was organized by 'Royal Society of Chemistry', United Kingdom. He received full international travel support from Department of Science and Technology (DST), Government of India for the same.

### Fellowships Received

Sr. No.	Year	Fellowship	Title of the Project	Student	Funding Agency	Grant (Rs.)
1	2009	Senior Research Fellowship (SRF)	Impurity Profiling and Stress Degradation Studies of Active Pharmaceutical Ingredients	Mr. Deepak Khatri	CSIR, Govt. of India	3,20,000/-
2	2010	INSPIRE Fellowship (JRF-Professional)	Isolation, Pharmacological Evaluation and Formulation Development of a Bio-active Principle from Crude Oryza sativa Bran Oil.	Mr. Somsuvra B. Ghatak	DST, Govt. of India	6,64,800/-
3	2010	INSPIRE Fellowship (JRF-Professional)	Design, Development & Evaluation of Nanoparticulate Carrier: A Vector for Treatment of Refractory CNS Disorders	Mr. Prerak Patel	DST, Govt. of India	6,64,800/-
4	2011	INSPIRE Fellowship (JRF-Professional)	Liquid Phase Combinatorial Synthesis of Napthalino Benzimidazole / Quinolono Benzimidazole for Antitubercular Agents	Mr. Kuldip Barot	DST, Govt. of India	8,84,134/-
5	2011	INSPIRE Fellowship (JRF-Professional)	Design, Synthesis and Pharmacological Evaluation of Some Heterocyclic Molecules	Mr. Jignesh Parikh	DST, Govt. of India	5,58,400/-
6	2013	INSPIRE Fellowship (JRF-Professional)	Identification, Optimization and Biological Evaluation of Drug-Like Heterocyclic Templates for the Treatment of Metabolic Disorders	Ms. Krishna Gajjar	DST, Govt. of India	6,64,800/-
7	2013	Senior Research Fellowship (SRF)	Design and Synthesis of Dpp-4 Inhibitors as Anti-Diabetic Agents	Mr. Shailesh Jain	CSIR, Govt. of India	2,82,800/-per year max upto Five years

### Prizes Awarded at International and National Conferences

Sr. No.	Name of the student	Prize category	Event	Place	Year
1	Mr. Prerak Patel	First Prize	International NiPiCon 2013	Institute of Pharmacy, Nirma University	January 18-20, 2013
2	Mr. Somsurva Ghatak	First Prize	International Conference- NiPiCon 2013	Institute of Pharmacy, Nirma University	January 18-20, 2013
3	Ms.Heta Shah	First Prize	International Conference- NiPiCon 2013	Institute of Pharmacy, Nirma University	January 18-20, 2013
4	Mr.Shailesh Jain	Second Prize	International Conference- NiPiCon 2013	Institute of Pharmacy, Nirma University	January 18-20, 2013
5	Mr. Prerak J Patel	Best Research Poster Award	International Conference NANOBIO 2012	Amrita Centre for Nanosciences and Molecular Medicine, Kochi, Kerala	February 21-23, 2012
6	Mr. Neeraj Sharma	First Prize	National seminar on "Recent Trends in Chemical and Biological Sciences"	Government Holkar Science Autonomous College, Indore	January13-15, 2012.
7	Mr. Prerak Patel	Winner of US\$ 5000 for Innocentive Challenge	Innocentive Challenge	-	-
8	Mr. Divyang Patel	Second prize	One Day National Seminar on Pharmaceutical Education Development: Need of Academia and Industry Harmonization on	Shri B.M.Shah College of Pharmaceutial Education and Research, Modasa.	March 2, 2012
9	Ms. Suchi Raghunathan	First prize	All Gujarat Essay Competition	Indian Pharmacological Society, Ahmedabad	March, 2012
10	Ms. Anita Bakrania	Second prize	All Gujarat Essay Competition	Indian Pharmacological Society, Ahmedabad	March, 2012
11	Ms. Madhuri Puvvada	Third prize	All Gujarat Essay Competition	Indian Pharmacological Society, Ahmedabad	March, 2012
12	Ms. Heta Shah	First prize	Global Scenario of Herbal Drugs - Today and Tomorrow	SAL College of Pharmacy	September, 2012



13	Mr. Prerak Patel		'Particle Technology with special emphasis to Nanotechnology'	Parul Institute of Pharmacy, Limda Vadodara	April 22-23, 2011.,
14	Mr.Somsuvra B. Ghatak	Third prize	5th International Conference on Clinical Pharmacology - Discovery Development and Beyond	Mumbai	
15	Mr Kartik Patel	First prize	International Symposium-Indo-American Regulatory Symposium-2011	Institute of Pharmacy, Nirma University	November 11-13, 2011.
16	Mr. Dhru Thumar	First prize	International Symposium-Indo-American Regulatory Symposium-2011	Institute of Pharmacy, Nirma University	November 11-13, 2011.
17	Ms. Khushali Modi	First prize	International Symposium-Indo-American Regulatory Symposium-2011	Institute of Pharmacy, Nirma University	November 11-13, 2011.
18	Md. Yaseen Khan	Second prize	National Seminar on "Natural Products: Scope and Status by 2020"	Institute of Pharmacy, Nirma University	August 19-20, 2011
19	Mr. Chetan Chitha	First prize	"PHARMA VISION 2020"	Maliba Pharmacy College Bardoli	September 24-25, 2011
20	Megha Kapoor, Samir Rabardiya, Vishal J. Desai	First prize	National Seminar on Current Trends and Recent Advancements on Herbal Drugs	KBIPER, Gandhinagar.	January 22, 2011
21	Md Naeem Devla, Ghanshyam Thummar	Second prize	National workshop on Systemic research methodologies involved in medicinal plant Research	Indukaka Ipcowala college of Pharmacy, New Vallabh Vidyanagar	March 12, 2011.
22	Nidhi Jasyani	First prize	National seminar on Development of Rational Botanical Formulation	Kalol Institute of Pharmacy, Kalol	December 5, 2010

### Ph.D. Degree awarded at Faculty of Pharmacy

Sr. No.	Student name	Guide/Co-guide	Topic	Year of award
1	Partha Jyoti Gogoi	Dr. Y. K. Agrawal	Studies on Medicinal Agents	2009
2	Bhatt Hardik G.	Dr. Y. K. Agrawal	Design, Synthesis and Evaluation of Pharmacologically Active Compound	2009
3	Gohil Kashmira J.	Dr. Jagruti Patel Dr. Anuradha Gajjar (Co-guide)	Pharmacological Investigation of Clinically Important and Potential Herbal Drug Interactions	2010



4	Biradar Yougesh S.	Dr. M. Rajani Dr. Harish Padh (Co-guide)	Evaluation of anti-malarial activity of selected plants of Indian system of medicine and study the synergistic activity of the compounds present therein	2010
5	Patel Mayur M.	Dr. Avani Amin	Design, Development and Optimization of Colon Targeted Drug Delivery Systems	2010
6	Mishra Renuka	Dr. Avani Amin	Studies in Formulation, Development and Evaluation of Rapidly dissolving Dosage Forms	2011
7	Pund Swati V.	Dr. Kamla Vasu	Formulation and Characterization of Fixed Dose Combination of Rifampicin and Isoniazid - A novel approach to improve stability and bio availability	2011
8	Joshi Amita K.	Dr. Manish Nivsarkar	Oral Modified Multiparticulate Drug Delivery System of the treatment of Tuberculosis	2011
9	Shetty Raghvendra G.	Dr. Vimal Kumar Dr. Anuradha Gajjar (Co-guide)	Liposome Formulation of Anticancer Drug and its Pharmacokinetic and Toxicokinetic Evaluation	2011
10	Chandra Mohana	Dr. Anuradha Gajjar	Bioanalytical Method Development and Validation of Selected Corticosteroids and Sex steroids, and its Application to Chronopharmacokinetics	2011
11	Savjani Jignasa K.	Dr. Anuradha Gajjar	Design, Development and Pharmacological Screening of Novel Heterocyclic Molecules	2011
12	K. L. Krishna	Dr. Jagruti Patel Dr. Tejal Shah (Co-guide)	Development and Pharmacological Evaluation of a Hepatoprotective Polyherbal Formulation	2011
13	Shah Vishal D.	Dr. Anuradha Gajjar	Analytical Method Development of Novel Antihyperlipidaemic Agents in Combined Dosage Forms	2011
14	Manna Kuntal	Dr. Y. K. Agrawal	Design and Synthesis of Certain Macromolecular Legends or Receptors and Their Biological, Analytical Activities	2011
15	Patel Manish B.	Dr. Jagruti Patel Dr. Shital Panchal (Co-guide)	Phytopharmacological Investigation of Some Indigenous Herbal Plants	2012
16	Rudolph Almeida	Dr. Anuradha Gajjar	Enantioselective Bioanalytical Method Development and Validation of Selected Chiral Switches and Its Application in Pharmacokinetic Studies using Healthy Indian Volunteers	2012
17	Raghunatha P.	Dr. Jagruti Patel Dr. Shital Panchal (Co-guide)	Pharmacokinetic Study of Hormones in Postmenopausal Women in India	2012



18	Dodiya Hitesh	Dr. Avani Amin	Formulation Design and Characterization of Novel Bio-adhesive Drug Delivery Systems for Antifungal Drugs	2012
19	Patel Vineetkumar V	Dr. Manish Nivsarkar	Design and Evaluation of Oral Sustained Release Formulation for Lithium Carbonate and Venlafaxine Hydrochloride	2012
20	Shah Mohit Prakash	Dr. Avani Amin Dr. Tejal Shah (Co-guide)	Development and Optimization of Alternative Routes For Calcium Channel Blockers Enduring Extensive First Pass Metabolism	2012
21	Chaudhary Sunita A.	Dr. Tejal Shah	Formulation Development and Evaluation of Quick Dissolving Oral Dosage Forms for drugs acting on the Central Nervous System	2012
22	Chudasama Arpan S	Dr. Kamla Vasu	Design and Development of Self Emulsifying Drug Delivery System for Nevirapine and Itraconazole	2013
23	Shah Nitesh N.	Dr. Avani Amin Dr. Tejal Shah (Co-guide)	Formulation Optimization of Colonic Drug Delivery Systems	2013
24	Joshi Rahul Prakash Rajani	Dr. Kamla K. Vasu	Profiling of Process and Degradation Related Impurities of Bulk Drugs and Their Formulations Active Against Cardiovascular Disorders and Inflammation	2013
25	Khatri Deepak Mohanlal	Dr.Priti Mehta	Studies on Stability Indicating Assay Methods and Impurity Profiling of Active Pharmaceutical Drugs	2013

### Formation of NIPSA:

NIPSA (Nirma Institute of Pharmacy Student Association) is the student association of Institute of Pharmacy, Nirma University. Its activities pertain to student development and welfare as well as social service. Of recent, a rural health and cleanliness drive had been organized under its banner. Similar activities have been planned for the upcoming semester. The first year of operation of NIPSA was 2012. Having proven to be a helping hand in various institute managed activities, it works towards enhancing student participation.

### Formation of IPNUAA

IPNUAA - Institute of Pharmacy, Nirma University Alumni Association has been formed in the year 2007. IPNUAA meet is organised every year in the month of December where final year students can interact with Alumni and get insight of expectations of Industry.



## Research

### Recognized Research Institutes

Nirma University has recognized following reputed National and International Institutes/Organizations for conducting research under PhD programme in Pharmacy:

- B.V.Patel PERD Centre, Ahmedabad (2005-06)
- Cadila Pharmaceutical Clinical Research Pharmacology Centre, Dholka (2008-09)
- Intas Pharmaceutical Limited, Biotechnology Division, Ahmedabad (2008-09)
- Piramal Pharmaceutical Development Services Pvt. Ltd., Ahmedabad (2012-13)

### Grants received to conduct Seminars/Conferences

Sr. No.	Year	Title of the programme	Co-ordinator	Funding Agency	Grant (Rs.)
1	2005	National Seminar on "Modern Trends In Nanotechnology and Supramolecular Assemblies"	Prof. Y.K. Agrawal	DST, Govt of India	60,000/-
2	2005	National Seminar on "Modern Trends In Nanotechnology and Supramolecular Assemblies"	Prof. Y.K. Agrawal	CSIR, Delhi	25,000/-
3	2011	National Seminar on "Natural Products: Scope and Status by 2020"	Prof. Vimal Kumar	AICTE	50,000/-
4	2011	Workshop on "Modern Instrumentation Techniques"	Prof. Priti Mehta	GUJCOST	30,000/-
5	2012	One Day National Seminar on "Recent Trends in Injectable Drug Delivery Systems"	Prof. Tejal Mehta Dr. Shital Butani Dr. Renuka Mishra	ICMR	25,000/-
6	2012	National Workshop on "Modern Instrumental Techniques in Herbal Drug Research"	Prof. Vimal Kumar	ICMR	25,000/-

### Research Projects

Sr. No.	Year	Title of the Project	Project Investigator	Funding Agency	Grant (Rs.)
1	2004	Supramolecular: Nanomedicine and nanotechnology pre-concentration, separation and recovery of toxic trace metal	Prof. Y.K. Agrawal	GMDC Science and Research Center	41,52,600/-
2	2004	Super-critical Fluid Chromatography	Prof. Y.K. Agrawal	GMDC Science and Research Center	32,00,000/-
3	2004	Supercritical fluid technology	Prof. Y.K. Agrawal	GMDC Science and Research Center	45,00,000/-
4	2006	Comparative evaluation of various ACE inhibitors, spironolactone and selective beta blockers on cardiovascular complications associated with diabetes mellitus	Dr. Bhoomika M. Patel Ms. Shraddha Bhadada	GUJCOST (Minor Research Project)	60,000/-
5	2006	Studies on design and development of dissolvable oral drug delivery systems of a poorly water soluble non-steroidal anti-inflammatory drug	Prof. Tejal Mehta	GUJCOST	55,000/-



6	2007	Design, Synthesis and pharmacological evaluation of some substituted quinoline derivatives	Dr. Hardik Bhatt	NERF, Nirma University of Science and Technology	25,000/-
7	2007	Development and Antimicrobial Screening of Novel Heterocyclic Molecules	Dr. Jignasa Savjani	NERF, Nirma University of Science and Technology	25,000/-
8	2007	Formulation, Development of Rapidly Dissolving Films Containing Anti-histaminic Drug	Dr. Renuka Mishra	NERF, Nirma University of Science and Technology	25,000/-
9	2007	Phytochemical Analysis and Pharmacological Evaluation of Tephrosia Purpurea with special reference to Diabetes Mellitus & Cataract	Ms. Shraddha Bhadada	NERF, Nirma University of Science and Technology	25,000/-
10	2009	Synthesis of Certain Macromolecular Ligands Or Receptors and Their Biological Applications	Mr. Kuntal Manna	NERF, Nirma University	25,000/-
11	2009	Phytopharmacological Evaluation of Favonoid Rich Fraction of Tephrosia purpurea With Respect to Insulin Dependent Diabetes Mellitus and Its Complications	Ms. Shraddha Bhadada	NERF, Nirma University	50,000/-
12	2009	Formulation and Development of Floating Dosage Form of Cinnarizine	Dr. Dhaivat Parikh	NERF, Nirma University of Science and Technology	25,000/-
13	2009	Formulation and Evaluation of Colon Targeted Drug Delivery System of Mebeverine Hydrochloride	Dr. Mayur Patel	NERF, Nirma University of Science and Technology	25,000/-
14	2009	Phytochemistry of Few Plants Belonging to Family Dilleniaceae	Ms. Dipal Gandhi	NERF, Nirma University of Science and Technology	25,000/-
15	2010	Indo-Bulgarian Joint Research Project under Indo-Bulgarian Program of Co-operation in Science and Technology	Prof Manjunath Ghate Dr. Iliyan Ivanov	DST, Govt. of India	5,10,000/-
16	2011	Formulation and Evaluation of Topical Formulations of Bosweellic acids Guggulosterones for The Treatment of Rheumatoid Arthritis	Mr. Dhruv Raval Dr. Vimal Kumar	GUJCOST (Sci- Tech Project)	15,000/-
17	2011	Calixarene Analogs and Their Pharmaceutical Applications.	Mr. Kuntal S. Manna Dr. Hardik Bhatt	GUJCOST , DST	1,50,000/-
18	2011	Formulation Approaches for Controlled Release Dosage Forms of ocular delivery of levofloxacin	Dr. Jigar Shah	NERF, Nirma University	50,000/-
19	2011	Analytical Method Development of Selected H1 Receptor Antagonists	Mr. Nrupesh Patel	NERF, Nirma University	1,00,000/-
20	2011	Designing of a Polyherbal Formulation for Metabolic Disorder	Ms. Nagja Tripathi	NERF, Nirma University	80,000/-
21	2011	Synthesis and Pharmacological Evaluation Some Substituted Heterocyclics as Anticancer Agents	Mr. Vivek Vyas	NERF, Nirma University	1,00,000/-



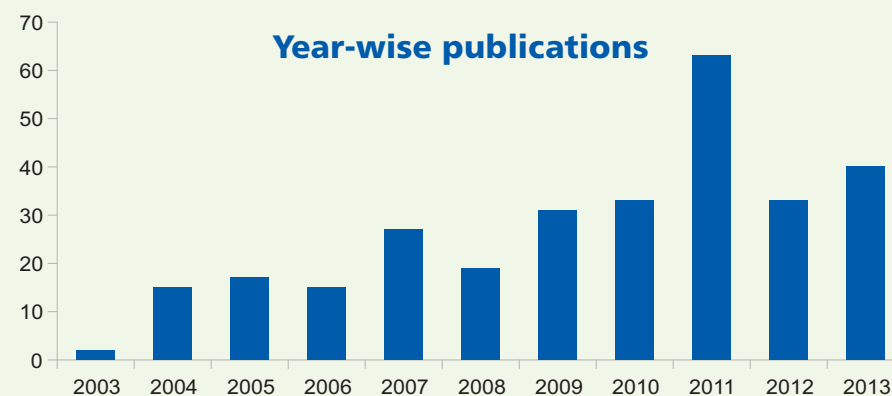
22	2012	Effect of C. crista Seed Extract on Genetic Material: An Invitro Genotoxicity Assessment	Dr. Niyati Acharya Dr. Sonal Bakshi	NERF, Nirma University	50,000/-
23	2012	Design, Synthesis and Anticancer Activity of Novel Substituted Heterocyclic Agents	Dr. Hardik Bhatt	Nirma University	80,000/-
24	2012	Evaluation of The Role of HDAC Inhibitors on Cardiac Hypertrophy	Dr. Bhoomika M. Patel	NERF, Nirma University	1,00,000/-
25	2012	Treatment of Allergic Disorders by Proper Histamine Management Used in Combination of Plant Derived Histidine Decarboxylase Inhibitors and H1 Antihistaminic Drugs	Dr. Snehal Patel	NERF, Nirma University	1,00,000/-
26	2012	Phytochemical Analysis of Few Plants Belonging to Family Brassiceae	Ms. Dipal Gandhi	NERF, Nirma University	80,000/-
27	2012	Formulation and Evaluation of Colon Targeted Drug Delivery Systems	Dr. Mayur Patel	NERF, Nirma University	90,000/-
28	2013	In-silico Designing, Synthesis and Pharmacological Screening of Dipeptidyl peptidase-4 (DPP-4) Inhibitors As Novel Antidiabetic Agents	Prof. Manjunath Ghate Ms. Bhumika Patel	GUJCOST	5,00,000/-
29	2013	Isolation of Bioactive Compound From Fruit Juice of Emblica officinalis and Investigation into the Molecular Mechanism of Action	Dr. Snehal Patel	DST, Govt. of India	23,00,000/-

### Consultancies

Sr. No.	Faculty	Funding Agency	Grant (Rs.)
1	Department of Pharmaceutics	Vac-U-Max Asia Pvt. Ltd. Themis Medicare Ltd., Mumbai Troikaa Pharmaceutical Limited, Ahmedabad	2,05,490/-
2	Department of Pharmaceutical Analysis	Troikaa Pharmaceutical Limited, Ahmedabad	75,000/-
3	Department of Pharmacology	Nano therapeutics Pvt Ltd, Surat Intas Biopharmaceuticals Ltd., Ahmedabad Rajsha Pharmaceuticals Ltd. VIRGO UAP Pharma Pvt. Ltd. L. M. College of Pharmacy	2,15,500/-
4	Department of Pharmacognosy	Advance Research Lab, USA  Green Chem, Bangalore Divine Skincare Pvt. Ltd, Gandhinagar	6,13,000/-



## Publications in National and International Journals



### Book Published

Sr. No.	Year	Title of the book	Authors	Publisher
1	2006, 2007	Practicals in Organic and Medicinal Chemistry	Dr. Ramesh K. Goyal, Hardik. G. Bhatt, Bhoomika. R. Goyal	B. S. Shah Prakashan, Ahmedabad
2	2007	Practical Manual of Pharmaceutical Engineering	Munira Momin, Tejal Shah	B. S. Shah Prakashan, Ahmedabad
3	2008	Practicals in Pharmaceutical Analysis-I (Non-Instrumental & Instrumental)	Bhoomika R. Goyal, Hardik G. Bhatt, Mayur M. Patel	B. S. Shah Prakashan, Ahmedabad
4	2012	Research Methodology of Herbal Drug as Antidepressant	Dr. Sanjeev Acharya	Lambert Publishing House, Germany
5	2012	Essential Web Resources in Pharmacy	Dr. Shital Panchal	Harkrishan Bhalla and sons. Publications, Dehradun
6	2012	Innovative key to product patent in Pharmaceutical industry	Dr. Sanjeev Acharya	Lambert Publishing House, Germany
7	2012	Tectona Grandis - A Useful Herb	Dr. Sanjeev Acharya	Lambert Publishing House, Germany
8	2012	A Text-book of Hospital Pharmacy	Dr. Mayur Patel	B. S. Shah Prakashan, Ahmedabad

### Book Chapter Published

Sr. No.	Year	Title of the book chapter	Title of the book	Authors	Publisher
1	2004	Advances in Phytopharmacology of Medicinal Plants	Advances in Medicinal Plants	Prof. Vimal Kumar	Asian Medicinal Plants and Health care Trust Jodhpur
2	2006	Microemulsions as Drug Delivery Systems	Progress in Controlled and Novel Drug Delivery Systems	Anita Lalwani, Tejal Shah, N.S. Parmar	
3	2009	Classification of herbal antiasthmatics based on mechanism of action and chemical constituents	Recent Progress in x	Anita Mehta, Shailaja Mahajan, Bhoomika Goyal, Ramesh Goyal	Studium Press LLC, Texas, USA
4	2010	Phyto-Pharmacology of Anti-Asthmatic Medicinal Plants	All you need to know more about Herbal	Prof. Vimal Kumar	Jadhavpur University, Drugs Calcutta & Published by New Central Book Agency (P) Ltd. Kolkata



5	2012	Handling Plagiarism in Institutes of Higher Learning.	Dynamics of Librarianship in the Knowledge Society: Festschrift in Honour of Prof. B. Ramesh Babu	Dr. Lalitha Poluru	B.R. Publishing Corporation, Delhi
6	2013	How Far or Near to 24 X 7 Libraries? Analysis of Application of Web 2.0 Tools in University Libraries of Gujarat	Rejuvenated Libraries for Empowered User:Essays in honor of Dr. T. A. V. Murthy (Dr. TAV Murthy Festschrift)	Dr. Lalitha Poluru, Mr. Sandip Patel Research Ltd.	UK: Digital Information
7	2013	Role of Library in Addressing Users' Discovery Need in Google Generation	Rejuvenated Libraries for Empowered User:Essays in honor of Dr. T. A. V. Murthy (Dr. TAV Murthy Festschrift)	Mr. Virendra Goswami	UK: Digital Information Research Ltd.



## Alumni Speaks

### Mr. Anand Odedra

*"A place that taught me more than what was, and is, written in the texts. I interacted with wonderful people, had diverse experiences and as a whole, emerged a better man than I was four years back. IP-NU played a vital role in making me who I am today."*

**Mr. Ravi Ukawala**, Technical Trainee, F-R&D, IPDO, Dr. Reddy's Lab., Hyderabad.

*"The most majestic and fascinating days of my life spent in the IP, NU. I am proud to be a part of an institution which has enormous pool of knowledge what everyone wants to grab. This is the Institute where every facet of personality is nourished, carved and polished to an edge to stand alone in pharma field"*

**Mr. Dhaval Bendale**, IMS Health, Gurgaon

*"One of the very few institutes which values dynamism rather than sticking on to prescriptive practices. Be it the meticulously planned course structure, the teaching pattern or the tireless motivation of faculties to ensure that each of their disciples maintain an upper hand in the competitive world. Moreover, an abode of extra and co-curricular opportunities which creates a perfect combination for all-round development of an individual. Really proud to be a part of IP-NU family !!"*