

Faculty Achievements:

Dr. Snehal S. Patel was awarded the best poster for her research paper 'Effect of gallotannins from fruit juice of Emblica officinalis on animal model of type 2 diabetes: Activation of PPAR-γ'. at the poster competition during ICMR sponsored National conference on "Drug Discovery from Natural Products" organized by Ramanbhai Patel college of Pharmacy, CHARUSAT, Changa.



Foreign visits

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. Dhavit C. Parikh has presented the Research paper entitled "Exploring Spray Drying Technique for Development of Mucoadhesive Microparticles for Nasal



Delivery by Applying Design of Experiments" at the International Conference "PharmaTech 2012" Jointly Organized by Non-Destructive BioMedical and Pharmaceutical Research Centre – Universiti Teknologi Mara, Malaysia & PROTEMP Group held on November 20-21, 2012 at Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia

Faculty Recognitions

Dr. Jigar Shah has been recognized as Academic Editor in an International Journal "British Journal of Pharmaceutical Research" for processing, editing and review of research and review papers by SCIENCEDOMAIN International, UK (January 2013).

Expert lecture delivered by faculty

Dr. Snehal Patel delivered an expert lecture on 'Cerebrovascular complications of diabetes: New insights to potential therapeutic target.' in the ICMR sponsored two days National Seminar on Novel Paradigms in reversing Diabetes and Diabetic complications. on October 12-13, 2012, organized by Shree S.K,Patel College of Pharmaceutical Education and Research., Ganpat University, Mehsana.

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).

Forthcoming events :

Nirmaquest 2013 : This year Nirmaquest'13 is a national level quiz competition organized by IP-NU on March 8, 2013. Competitions like quiz, Pharma news editing and Pharma skit will be included in the event.

B.Pharm poster competition: A poster competition for B.Pharm semester-VIII students will be held on March 15, 2013 at IP-NU. The poster competition is a part of the project work of the students. Judges from industry and academic institutions will be evaluating the posters.

One Day National Seminar: Department of Pharmaceutical Chemistry, IP-NU is organizing a One Day Seminar on Recent Advances in Drug Discovery - 2013 on March 23, 2013.



Institute of Pharmacy, Nirma University
S.G. Highway, Ahmedabad – 382481, Gujarat, India
Tel:+91 2717 241900-4 Fax: +91 2717 241916
radiance.ip@nirmauni.ac.in • Website : www.nirmauni.ac.in



RADIANCE

Inspiring Thoughts...

Volume 6

Issue 2

March 2013

Content

From the Editor's desk	01
Glimpses	02
Lectures	03
Events	04
Research Strength	07
FDA Approvals	10
Students' Corner	11
Faculty Corner	12



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.

NIPiCON-2013 – First International Conference



New programme to be introduced on M.Pharm in Regulatory Affairs and Quality Assurance.

From an industry perspective, RA/QA M.Pharm programme plays a significant role in training post graduate students in regulations and quality principles and practices. This program would train the individuals to develop regulatory and quality skills for career advancement.

From the Editor's desk

From the Editor's desk
I am delighted that the second issue of Radiance Vol. 6 is all set to be presented before you. This issue gives the details of the first international conference NIPiCON-2013 conducted by IP-NU. As always, the newsletter reports the vibrating events held at the institute as well as the various achievements by the student and the faculty. This issue especially encompasses various research strengths of the institute in the form of research projects undertaken by the students in a wide variety of thrust areas of the pharmaceutical field. The Editorial Board appreciates the time and effort that have been devoted by the different contributors and would like to thank them all. As always, suggestions and criticism towards improving the newsletter content are welcome.



Happy reading!!!!
e-mail: radiance.ip@nirmauni.ac.in

Glimpses

NIPiCON – First International Conference of Institute of Pharmacy, Nirma University during January 18-20, 2013.



Plenary Lectures



Dr. P. G. Yeole, President, Association of Pharmacy Teachers of India (APTI)



Dr. Cornelia Schroeder, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany



Prof. Nayanabhirama Udupa, Principal & Head of Dept. of Pharmacy Management, Manipal College of Pharmaceutical Sciences, Manipal



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



Dr. Y. K. Gupta, Professor and Head of Department, Pharmacology, AIIMS, India

- Dr. Nikolaos G. Kostopoulos, Holistic Health Centre, Athens, Greece
- Prof. Saranjeet Singh, Professor & Head, Pharmaceutical Analysis, National Institute of Pharmaceutical Education & Research, Mohali
- Prof. Evans Coutinho, Professor & Head, Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Mumbai
- Dr. K. Shivramchandra, Vice-President, Analytical Department, SPARC, Vadodara, India
- Dr. Yogesh Swar, Senior Manager, CMC, Analytical Development, Global Technical Integration, Mumbai

Public Lectures

First Public Lecture on Entrepreneurship by Mr. Ketan Patel, Troikaa Pharmaceutical Ltd, "Innovation and thinking out of the box" on November 1, 2012.



Guest Lectures

We always aim to organise guest lectures on current affairs in the pharmaceutical field as well as for the development of soft skills of the students. Following is the information of guest lectures organised during the last few months and dignitaries who visited the Institute.



Guest lecture by Prof M.N. Saraf, 29th October 2012

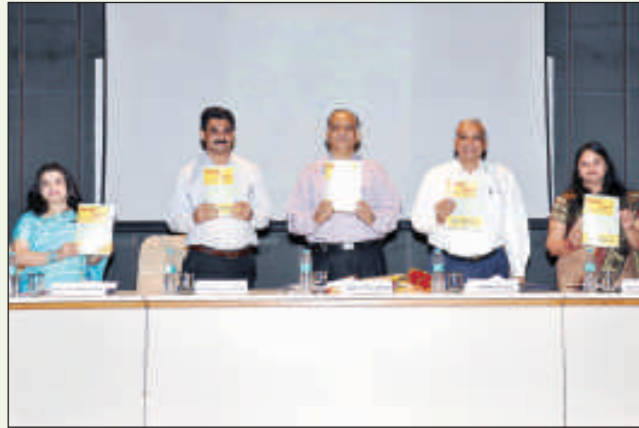
Ms. Anjali Singh	PG & Diploma in patent law, NALSAR, Hyderabad delivered a lecture on "IPR- Can this be a lucrative career option" on October 26, 2012.
Dr. M.N. Saraf	Principal, Bombay College of Pharmacy, Mumbai delivered guest lecture on "Bronchial asthma: Pathogenesis and Pharmacology" on October 29, 2012.
Mr. Raghu Rajgopal	CEO, Datri delivered a lecture on stem cell donation awareness on December 12, 2012.



By: Prabhat Rajput
B.Pharm Sem 4

Foundation Day at IP-NU on October 1, 2012

Shri Sunil Parekh, Strategic Advisor, Zydus Cadila Group, Ahmedabad was the Chief Guest and Dr. Charmy Kothari, Assistant Professor, was the co-ordinator of the event. Various events were organized like T-Shirt painting Rangoli, Extempore, Elocution and Debate Many faculties were felicitated for their outstanding achievements and students were also felicitated with gold medals for their best scholastic performances in various semesters. Also, the first magazine of the NIPSA (Nirma Institute of Pharmacy Student Association) "Seismic Bytes" was released by the dignitaries on the dias.



Orientation Programme "ANUSANDHAN" for Ph. D. Scholars from October 31 to November 3, 2012

Dr. Narottam Sahoo, Adviser, GUJCOST, Gandhinagar, graced the inauguration as the Chief Guest, Dr. C. Gopalkrishnan, Dean Doctoral Studies and Director, IMNU presided over the function, Prof. Tejal Mehta was the co-ordinator of the programme. More than hundred students attended the programme and they were oriented towards innovations, ethics in research, research proposal writing, patents etc. by eminent speakers from industry and academia.

Continuous Education Programme on Pharmacovigilance on October 15-16, 2012

Department of Pharmacology, Institute of Pharmacy, Nirma University organized a two day Continuous Education Programme on Pharmacovigilance sponsored by Nirma Ltd., (Healthcare division). Prof. Manjunath Ghate was the convener, Dr. Murali Badanthadka was the coordinator and Dr. Bhoomika M. Patel was the co-coordinator of the programme. The programme was exclusively conducted for pharmaceutical industry. Eminent speakers from reputed industries, organizations and academia from within and outside Gujarat shared their experiences in the pharmacovigilance area.



NIPiCON 2013 during January 18-20, 2013

Institute of Pharmacy, Nirma University (IP-NU) organized the first ever International Conference, Nirma Institute of Pharmacy International Conference (NIPiCON) – 2013 on the theme of 'Emerging Frontiers: Genesis of Drug & its Journey to Patients'. Prof (Dr) Manjunath Ghate, Director, IP-NU was the Convener & Prof (Dr) Anuradha K. Gajjar, Academic Coordinator, IP-NU was the Organizing Secretary. The Inauguration function was graced by Dr. Rajiv I. Modi, Managing Director, Cadila Pharmaceuticals as the Chief Guest, Dr. P. G. Yeole, President, Association of Pharmacy Teachers of India (APTI) as the Guest of Honour & Key Note Speaker. Shri K.K. Patel, Chief Operating Officer, Nirma University presided over the function. There were more than 400 registrations from ten states of the country representing various strata of Pharma academics and industry. During poster session spanning over two days, more than 300 posters were presented and 13 prizes were awarded for the best paper in each thrust area. The Valedictory function was graced by Shri Ketan R. Patel, Managing Director, Troikaa Pharmaceuticals Ltd. and Dr. Narottam Sahoo, Advisor, GUJCOST. Shri. D. P. Chhaya, Director (General & Academic Administration), Nirma University presided over the function. Participants appreciated the conference for the rich scientific content and the hospitality extended to them during the conference.



Workshop on Hands on Training on Software Related to Computer Aided Drug Design on January 21-22, 2013

Department of Pharmaceutical Chemistry, IPNU has successfully organized a CSIR sponsored workshop on "Hands on Training on Software Related to Computer Aided Drug Design" where total 45 delegates from academics and industry participated. Prof. M. R. Yadav, Professor and Head, Pharmacy

Department, M. S. University, Vadodara was the chief guest. Shri K. K. Patel, Chief Operating Officer, Nirma University was the president and Prof. Varadharajan Iyer was the Guest of Honor in the valedictory function. Prof. Manjunath Ghate and Prof. Anuradha Gajjar were Convener and Chief-Coordinator of the workshop respectively and Dr. Jignasa K. Savjani was the Organizing Secretary. The workshop also included hands-on training on some important computer software of SYBYL X for drug design.

Industrial Visit

West Coast Pharmaceuticals on December 19, 2012 and Nirlife Healthcare on January 4, 2013.





Convocation 2012

The 14th convocation ceremony of Nirma University was held at the campus on November 26, 2012. 67 B. Pharm, 50 M. Pharm and 4 Ph. D. students were conferred upon the degrees. The Chief Guest for the proud evening was Prof. Goverdhan Mehta (FNA, FRS) National Research Professor and Eli Lilly-Jubilant Chair, University of Hyderabad. He addressed the students to dream big and work hard to fulfil such dreams.



Social Extension Activities

Datri Foundation Stem Cell Donation

We at IP-NU organized a Stem Cell Donation Drive under the aegis of Datri, a non-profit organization based in Chennai. Dr. Bhoomika M. Patel was the co-ordinator for the same. On December 8, 2012, the process of buccal swab collection was carried out at Nirma house, Ashram Road, Ahmedabad. From December 9-12, 2012, the process of buccal swab collection was carried out at various plants of Nirma Ltd. like Mandali, Moraiya and Sachana. Thus, in total more than 2000 samples were collected during these days.



Blood Donation Camp

Nirma Institute of Pharmacy Student's Association (NIPSA) in collaboration with Rotaract Club of Ahmedabad Airport organized a blood donation camp for the first time at IP-NU on October 9, 2012. It was conducted by the Indian Red Cross Society. A total of 81 units were collected through the day. Overall it turned out to be a pretty successful camp, which turned out to be a medium for the members of the Institute to serve mankind.



Old Age Home Visit

A visit to an old age home, Shri Manilal Tribhovandas Matrugh, located near the Chandranagar BRTS Stop, Ahmedabad was organized by NIPSA as an event of joy giving on November 4, 2012. The ladies were provided with kits containing toiletry and medical supplies by the Association.



The faculty members at the Institute of Pharmacy are actively involved in research in various areas, which led to a wide range of projects undertaken by the M.Pharm students. Below is the list of ongoing research projects undertaken by the students of Institute of Pharmacy.

NO.	PROJECT TITLE	STUDENT	GUIDE/COGUIDE
MASTERS IN PHARMACEUTICAL TECHNOLOGY AND BIOPHARMACEUTICS			
1	Development of dry powder Inhaler.	Amitkumar Jain	Dr. Shital Butani Dr. Vaijnath Aravat
2	Formulation and characterization of medicated chewing gum of an antihistamine drug.	Chintan Patel	Dr. Tejal Mehta Mr. Dhaivat Parikh
3	Preparation and characterization of nanosuspension using acyclovir.	Dhruvi Mehta	Dr. Jigar Shah
4	Studies in modified release formulation of Venlafaxine HCl.	Dishant Acharya	Dr. Shital Butani Mr. Dhaivat Parikh
5	Formulation, Development and optimization of sublingual dosage forms for motion sickness.	Kashyap Shah	Dr. Jigar Shah
6	Formulation process development of film coated tablets of platelet aggregation inhibitor using QBD approach for polymorphic stabilization.	Keyur Butani	Dr. Mayur Patel Mr. Padmanabha Reddy
7	Development of Controlled Porosity Osmotic Pump of Metoprolol Succinate: Design, Optimization and Characterization.	Mahima Mathur	Dr. Renuka Mishra Dr. Vipin Dhal
8	Formulation and characterization of intra-articular drug delivery systems for the treatment of rheumatoid arthritis.	Manali Srivastava	Dr. Mayur Patel
9	Formulation, optimization and development of transdermal patch of Repaglinide.	Maulik Patel	Dr. Renuka Mishra
10	Floating matrix tablets for nizatidine hydrochloride based on gas formation technique: Development and in-vitro evaluation.	Nirav Viswamitra	Dr. Tejal Mehta Dr. Vipin Dhal
11	Formulation approaches for dissolution enhancement of Telmisartan.	Rashmi Goswami	Dr. Renuka Mishra
12	Development and evaluation of multiple unit floating drug delivery for new sustained release microsphere of baclofen.	Ronak Patel	Dr. Jigar Shah
13	Formulation and Characterization of Process Parameter influencing the Content Uniformity of Low dose API.	Sagar Patel	Dr. Tejal Mehta Dr. Vipin Dhal Mr. Dhaivat Parikh
14	Design and development of Rizatriptan Benzoate microspheres.	Tora Shah	Dr. Shital Butani
15	Development & Optimization Of The Formulation And Process Parameters For A Low Dose Chewable Tablet.	Utkarsh Vyas	Dr. Tejal Mehta Dr. Vipin Dhal
16	Formulation and optimization of transungual delivery of anti-fungal drug.	Zeal Vora	Dr. Mayur Patel
MASTERS IN PHARMACOLOGY			
1	Role of tissue repair in drug induced liver injury [DILI] model of female Swiss albino mice.	Abhinav Chawda	Dr. Murali B.
2	Investigation of effect of oryzanol on transient middle cerebral artery occlusion in neurodegeneration prone rats.	Aditya Kumar Mallela	Dr. Shital Panchal
3	Treatment of allergic disorders by proper histamine management using a combination of plant derived histidine decarboxylase inhibitors and H1 antihistaminic drugs.	Anita Bakrania	Dr. Snehal Patel
4	Role of tissue repair in carbamazepine induced liver injury model of male Swiss albino mice.	Gopi A. Patel	Dr. Murali B. Ms. Shraddha Bhadada
5	Pharmacological evaluation of β -Sitosterol on ovariectomized rat model for osteoporosis'.	Harika Duvva	Dr. Snehal Patel

6	Pharmacological evaluation and investigation of mechanism of action of plant derived polyphenols for antihyperlipidemic activity.	Keerthi Rana Tata	Dr. Snehal Patel Ms. Shraddha Bhadada
7	Investigation of the chemopreventive potential of methylglyoxal in combination with oryzanol in NDEA induced hepatocellular carcinoma mice.	Madhuri Puwada	Dr. Shital Panchal
8	Role of carbamazepine and acetaminophen interaction toxicity on tissue repair response in drug induced liver injury [DILI] model of male Swiss albino mice.	Nirali Chokshi	Dr. Murali B.
9	Investigation of effect of carvedilol on transient middle cerebral artery occlusion in neurodegeneration prone rats.	Raghunadha Reddy	Dr. Shital Panchal Ms. Shraddha Bhadada
10	Evaluation of role of telmisartan in combination with 5-fluorouracil on gastric cancer cachexia.	Shreesha Sukumaran	Dr. Bhoomika M. Patel
11	Investigation into the effect of magnesium valproate in cardiac hypertrophy and its related mechanisms.	Suchi Raghunathan	Dr. Bhoomika M. Patel

MASTERS IN PHARMACEUTICAL ANALYSIS

1	Development and Validation of UV Spectrophotometric method for Estimation of Diltiazem HCl in Gel Formulation and comparison of drug release profile.	Upasana R. Gandhi	Prof Priti J Mehta
2	Development and Validation of UV Spectrophotometric and HPTLC methods for Simultaneous Estimation of Tapentadol HCl and Paracetamol in combined dosage form.	Bonny G. Shah	Prof Priti J Mehta
3	Development And Validation of RP-HPLC Method For Simultaneous Estimation of Memantine Hydrochloride And Donepezil Hydrochloride in combined tablet dosage form.	Chintan B. Patel	Mr Nrupesh Patel
4	Quantitative Estimation of Amlodipine and Nebivolol using Chemometrics by UV-VIS Spectrophotometric method.	Divya H. Panchal	Prof Priti J Mehta
5	Super critical fluid extraction and microwave assisted extraction of potent anticancer phyto constituent from Dillenia Indica Bark and its quantification by HPTLC.	Harshal S. Patel	Prof Priti J Mehta Mr Nrupesh Patel
6	Simultaneous Estimation of Montelukast and Acebrophylline in their combined dosage form using UV-VIS Spectrophotometric and HPLC methods.	Mitul M. Prajapati	Prof Priti J Mehta
7	Development and Validation of Stability indicating HPTLC method for Repaglinide.	Raghav N. Patel	Mr Nrupesh Patel
8	Development and Validation of UV Spectrophotometric and HPLC method for Simultaneous Estimation of Loteprednol and Levofloxacin in their combined dosage form.	Ravisinh V. Solanki	Mr Nrupesh Patel
9	Development and validation of Raman spectrometric method for simultaneous estimation of Tapentadol HCl and Paracetamol in combined dosage form.	Reenal P. Patel	Prof Priti J Mehta
10	Stability Indicating method of selected API.	Richa D. Desai	Prof Priti J Mehta Dr Vipin Dhal
11	Microwave assisted hydrolytic degradation of Sartan group of drugs using QbD approach.	Samarth T. Baxi	Prof Priti J Mehta Dr Vipin Dhal

MASTERS IN MEDICINAL CHEMISTRY

1	Synthesis and Evaluation of Anti-inflammatory, Analgesic activity and Ulcerogenic potential for Dihydro thiophene Derivatives.	Chirag Mehta	Prof. Anuradha Gajjar
2	Synthesis and Evaluation of 4-substituted amino methyl coumarin Derivatives as an Anti-inflammatory agent.	Divyanshu Kapadiya	Prof. Manjunath Ghate Mr. Vivek Vyas
3	Design, Docking Studies, Synthesis and Pharmacological Evaluation of 2-Aminothiophene Derivatives as Antidiabetic Agents.	Gopichand Gutti	Prof. Anuradha Gajjar
4	Synthesis and Evaluation of 7-substituted coumarin Derivatives as an Anti-inflammatory agent.	Ira Ingrodiya	Prof. Manjunath Ghate Mr. Vivek Vyas

5	Synthesis and Evaluation of 4-substituted amino methyl containing sulfonamido and Schiff base coumarin Derivatives as an Anti-inflammatory agent.	Keyur Patel	Prof. Manjunath Ghate
6	Design, Synthesis and Evaluation of Antioxidant Activity of Heterocyclic compounds.	Navneet Heer	Prof. Anuradha Gajjar
7	Design, Synthesis, Pharmacological Screening and In-Silico ADMET studies of Novel Triazolotriazine derivatives as Analgesic, Anti-Inflammatory and Anti Cancer Agents.	Raghunandan Nagori	Dr. Hardik Bhatt
8	Design, Synthesis and In-silico ADMET studies & Analgesic, Anti Inflammatory and Anti Cancer Activity of Novel Heterocyclic agents.	Nikum Sitwala	Dr. Hardik Bhatt Ms. Bhumika Patel
9	Synthesis and Biological Evaluation of 3-substituted pyrazole Coumarin derivatives.	Twara Thakor	Dr. Jignasa Savjani

MASTERS IN DRUG DISCOVERY

1	Investigating $n-\pi^*$ interactions in bioactive conformers intramolecularly in different protein structures using Natural Bond Orbital analysis Module in Schrodinger.	Ashutosh Goel	Dr. Jignasa Savjani
2	Pharmacophore modelling, virtual screening, docking study, 3D-QSAR study and synthesis of potential VEGFR inhibitors for anti cancer therapy.	Atisha Dharmadarshi	Prof. Anuradha Gajjar
3	Pharmacophoric modeling, virtual screening, molecular docking, synthesis, 3D-QSAR studies, evaluation and In-silico ADMET studies of Aurora Kinase-A inhibitors as potential Anti-cancer agents.	Binoy Shah	Dr. Hardik Bhatt
4	In silico drug designing, synthesis and ADMET simulation of deazaflavin dependent nitroreductase (ddn) activators in the treatment of Mycobacterium tuberculosis.	Nirzari Gupta	Prof. Manjunath Ghate Ms. Bhumika S. Patel
5	Pharmacophore modelling, Virtual Screening, Molecular Docking, Synthesis, QSAR Formulation Development and Evaluation of Quick Dissolving Oral Dosage Forms for drugs acting on the Central Nervous System Studies, Evaluation and in-silico ADMET studies of c-MET inhibitors as potential Anti-Cancer agents.	Pritam Sinha	Dr. Hardik Bhatt

MASTERS IN PHYTOPHARMACEUTICALS AND NATURAL PRODUCTS

1	Design and Development of Herbal Hair Growth Promoting Cream.	Durga Shankar Dubey	Dr. Niyati Acharya
2	Formulation and Evaluation of Anti-obesity Granules Containing Some Herbs.	Heta Shah	Dr. Sanjeev Acharya
3	Phytopharmacological evaluation of the Leaves of Alangium salvifolium L. with reference to Antiasthmatic activity.	Latika Pal	Prof. Vimal Kumar Ms. Nagja Tripathi
4	Formulation and Evaluation of Herbal In-situ Gel for Rhino-sinusitis.	Megha Dave	Prof. Vimal Kumar
5	Design and Development of Topical Novel Gel of Asiatic Acid from Shorea robusta for Wound Healing Activity .	Priyank Shah	Dr. Niyati Acharya Ms. Dipal Gandhi
6	Standardization of Shilajit With Special Reference to Anti-oxidant and Hepatoprotective Activity.	Subhash Chand Yadav	Dr. Sanjeev Acharya Ms. Nagja Tripathi
7	Development and Evaluation of Asiatic acid Nanoparticles for Treatment of Refractory CNS System.	Tejas Mistry	Dr. Sanjeev Acharya
8	Formulation Containing Various Natural Products for the Treatment of Malnutrition.	Urmi Patel	Prof. Vimal Kumar
9	Phytopharmacological evaluation of the Plant Fagonia cretica L. With Reference to Antiasthmatic activity.	Bhoomi Trivedi	Prof. Vimal Kumar
10	To Develop Parameters for the Standardization of Wheat Grass (Triticum aestivum) and Its Formulation Development With Special Reference to its Stability.	Dhara Paghadar	Dr. Sanjeev Acharya

FDA Approvals

BRAND NAME	GENERIC NAME	COMPANY	INDICATION	APPROVAL MONTH
Abraxane	Paclitaxel Protein-bound Particles For Injectable Suspension	Celgene	Lung cancer	October 2012
Cystaran	Cysteamine hydrochloride	Sigma Tau Pharmaceuticals	Corneal cystine	October 2012
Fycompa	Perampanel	Eisai	Seizures	October 2012
Jetrea	Ocriplasmin	Thrombogenics	Vitreomacular adhesion	October 2012
Oxtellar XR	Oxcarbazepine Extended Release	Supernus Pharmaceuticals	Partial seizures	October 2012
Synribo	Omacetaxine Mepesuccinate	Teva Pharmaceuticals	Anemia due to chronic kidney disease	October 2012
Cometriq	Cabozantinib	Exelixis	Metastatic medullary thyroid cancer	November 2012
Xeljanz	Tofacitinib	Pfizer	Rheumatoid arthritis	November 2012
Flucelvax	Influenza Virus Vaccine	Novartis	Influenza virus subtypes A and type B	November 2012
Eliquis	Apixaban	Bristol-Myers Squibb	Prevention of stroke and systemic embolism	December 2012
Juxtapid	Lomitapide	Aegerion Pharmaceuticals	Hypercholesterolemia	December 2012
Signifor	Pasireotide Diaspartate	Novartis	Cushing's disease	December 2012
Fulyzaq	Crofelemer	Salix Pharmaceuticals	Non-infectious diarrhea in adults with HIV/AIDS	December 2012
Gattex	Teduglutide	NPS Pharmaceuticals	Short bowel syndrome	December 2012
Iclusig	Ponatinib	Ariad Pharmaceuticals	Chronic myeloid leukemia	December 2012
Abthrax	Raxibacumab	Glaxo SmithKline	Prevention of anthrax	December 2012
Sirturo	Bedaquiline	Janssen Therapeutics	Multi-drug resistant tuberculosis	December 2012
Kynamro	Mipomersen Sodium	Genzyme	Hypercholesterolemia	January 2013
Nesina	Alogliptin	Takeda Pharmaceuticals	Type II diabetes mellitus	January 2013
Flublok	Seasonal Influenza vaccine	Protein Sciences	Immunization against influenza virus subtypes A and type B	January 2013
Uceris	Budesonide	Santarus	Ulcerative colitis	January 2013
Kineret,	Anakinra	Swedish Orphan Biovitrum	Cryopyrin-associated periodic syndromes	January 2013
VariZIG,	Varicella zoster immune globulin human	Cangene	Prophylaxis of varicella zoster	January 2013



By: Zeal Parikh - B.Pharm Sem 4



By: Zalak Kanjariya - B.Pharm Sem 4



By: Prabhat Rajput - B.Pharm Sem 4



SHINING STARS AT THE INSTITUTE:

PhD. Awardees :

The following students were awarded Doctor of Philosophy in Pharmacy during the 14th Convocation of Nirma University:

- Mr. Hitesh Dhirubhai Dodiya - thesis entitled "Formulation design and characterization of novel bioadhesive drug delivery system for antifungal drugs" under the guidance of Prof. Avani F. Amin.
- Mr. Mohit Prakash Shah - thesis entitled "Formulation Optimization of Colonic Drug Delivery Systems" under the guidance of Prof. Avani F. Amin and Prof. Tejal Mehta.
- Ms. Sunita Chaudhary - thesis entitled "Formulation Development and Evaluation of Quick Dissolving Oral Dosage Forms for drugs acting on the Central Nervous System" under the guidance of Prof. Tejal Mehta.
- Ms. Krishna A. Gajjar, Ph.D. Scholar under the guidance of Prof. Anuradha K. Gajjar has received INSPIRE Fellowship from Department of Science and Technology, New Delhi for pursuing Full Time Ph.D. in Pharmaceutical Sciences for the project titled "Identification, Optimization and Biological Evaluation of Drug-Like Heterocyclic Templates for the Treatment of Metabolic Disorders".



Curricular Front

Students were awarded for the best scholastic performance and as the best student during their study at the IP-NU during the 14th convocation ceremony of Nirma University. The following were the shining stars :

M.Pharm	Best scholastic performance	Best student
Pharmaceutical Technology and B io-Pharmaceutics	Divij Shah	Divij Shah
Pharmacology	Pooja Shah	Deepak Damle
Pharmaceutical analysis	Margi Desai	Kartik Patel
Medicinal Chemistry	Krishna Gajjar	Krishna Gajjar
Phytopharmaceuticals and Natural Products	Sangeeta Gupta	Divyang Patel
Drug Discovery	Meghavi Shah	Paresh Patel
B.Pharm	Bhagyashri	Varun Bhatt

Institute of Pharmacy, Nirma University felicitated the students with gold medals for their scholastic performance during the respective years-

B.Pharm year	Name of the student	Semester
First year	Gargi Vaidya	I & II
Second year	Shreya Shah	III & IV
Third year	Sweta Raval	V & VI

CO-CURRICULAR & EXTRA-CURRICULAR FRONT: In and Outside the Institute

- Mr.Prerak Patel received the first prize (Pharmaceutical Technology, Biotechnology and Drug Delivery track), Mr. Somsurva Ghatak received the first prize (Pharmacology, Clinical Pharmacy and Pharmacy Practice track), Ms.Heta Shah received the first prize (Pharmacognosy,Phytochemistry and Herbal Technology track) and Mr.Shailish Jain received the second prize (Medicinal Chemistry and Drug Discovery track) in poster competition during NiPiCon 2013 held at Institute of Pharmacy, Nirma University on January 18-20, 2013.
- Ms. Khushali Modi and Mr.Vaibhav Gohil received the first prize in Powerpoint (Pharmaceutics) event, Mr. Nihar Kinariwala and Mr. Ronak Patel received the first prize in Powerpoint (Pharmacology) event during Apocalypse 2012 held at K B Institute of Pharmaceutical Education and Research, Gandhinagar on October 8-9, 2012.
- Ms. Sweta Raval and Mr. Nihar Kinariwala received the second prize in R U Geniuz event during Apocalypse 2012 held at K B Institute of Pharmaceutical Education and Research, Gandhinagar on October 8-9, 2012.
- Mr. Amit Kumar Jain received the second prize in poster entitled "Solid Lipid Nanoparticles As Carrier To Enhance Bioavailability" during ICMR Sponsored National Seminar on "Bioavailability enhancement techniques and regulatory issues" being organized by SKCPEP, Ganpat University on October 27, 2012.
- NIPSA organized a Powerpoint presentation competition for the students of IP-NU on the Rational Use of Drugs on October 25, 2012.
- NIPSA organized two day sports event "KridaAngan" on January 24-25, 2013.