



We always aim to organise guest lectures about 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 organized during the last few months and dignitaries who visited the Institute.

Dignitaries visited

Dr Kiran Marthak, Global Director, Lambda Research Centre, Ahmedabad on April 27, 2012.

Dr. Pratim Kumar Choudhury, Head, Dept. of Pharmaceutical Sciences, Mohanlal Sukhadia University, Udaipur 313001, Rajasthan on May 19, 2012.



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



Dr. V.B. Gupta, B R Nahata Pharmacy College, Neemuch-Mhow Road, Mandsaur on July 4, 2012.



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

Expert lectures

Prof. Desh Dipak Singh, Associate Professor & HOD, Bioinformatics & Structural Biology, Indian Institute of Advanced Research, Koba, Gandhinagar, delivered guest lecture on "Pharmacy: Clinical Practice or Pharmaceutical Sciences" on April 21, 2012.



Dr. Sairam, Sr. Scientist, Department of Bioinformatics, Zydus Research Center, Moriaya, Ahmedabad, delivered guest lecture on "Basics of Computer Aided Drug Design" on March 24, 2012.



Dr. Anupama Ramkumar, M.D., ARKUS CITSS, Ahmedabad, delivered guest lecture on "Stepping Into The World Of Pharmaceuticals And Drug Development – How Green Do I Want The Grass To be" on March 23, 2012.

Prof. Anil K.Thaker, Head, Dept of Pharma Chemistry, School of Pharmacy and Tech Management, NMIMS, Mumbai, delivered guest lecture on "Quality Assurance & Case Studies in Pharmaceutical Industries" on August 25, 2012.





ICMR sponsored National Workshop on "Modern Instrumental Techniques in Herbal Drug Research" on April 10-11, 2012

Institute of Pharmacy, Nirma University organized a two days ICMR Sponsored National Workshop on "Modern Instrumental Techniques in Herbal Drug Research" on April 10-11, 2012. Prof Manjunath Ghate was the convener, Prof. (Dr.) Vimal Kumar was the Chief Coordinator and Dr. Sanjeev Acharya was the Coordinator of the workshop. Dr. Neeraj Tandon, Deputy Director General, ICMR, New Delhi was the Chief Guest at the inaugural function; Shri V.B. Ukani CMD, Vasu Healthcare Pvt. Ltd. Vadodara was the Guest of Honour and Shri K.K. Patel, COO, Nirma University presided over the function. Young scientists and research scholars of different states like U.P., Rajasthan, M.P., Maharashtra, Chhattisgarh & Gujarat actively participated in this national workshop.



Open House on "Career Prospects in Pharmacy"



Institute of Pharmacy organized an open house career guidance seminar on May 5, 2012 for the 12th pass students to guide them through the profession of Pharmacy. It was a guide path for the students and by attending the same they got complete information for developing their future in the pharmacy profession. The students as well as parents were invited from all over the state to participate in the programme. Dr. M. N. Patel, Member Secretary, ACPC was the Chief Guest, Dr. M. C. Gohel, Director, School of Pharmacy, Ahmedabad University and Dr. Shiv Prakash Ratnam, M.D., Synchron Research Services Pvt. Ltd., were the keynote speakers. Prof. Anuradha Gajjar, Professor and Academic Coordinator was the coordinator of the programme.

Orientation Programme

An Orientation Programme was organized for the new entrants of B. Pharm. & M. Pharm at Institute of Pharmacy from August 16-22, 2012. The chief guest of the inaugural function was Dr. Shivprakash Rathnam, Synchron Research Services Pvt. Ltd., Ahmedabad and Shri Dr. C. Gopalkrishnan, Director, Institute of Management, Nirma University presided over the function. Dr. Tejal Mehta was the coordinator of the programme. The students were oriented towards self improvement, soft skill development, scope of pharmacy and rules and regulations of the institute as well as the university by in-house faculty members and eminent speakers from industry and academia.



Rostrum'12



The annual cultural festival 'Rostrum'12- 'Talent Meets Opportunity' of Institute of Pharmacy was organized on August 30-31, 2012. Various competitions like ad-mad show, dancing competitions, singing competitions, drama, skit and Mr. and Ms Rostrum 12 were organized. Smt Smita Shastri, Director of Nartan School of Classical Dances, Ahmedabad was the Chief Guest for the valedictory function. Prof. V. R. Iyer, Principal, Institute of Diploma Studies was the President and Dr. Shital Butani and Dr. Niyati Acharya were coordinators of the programme. Prizes were distributed to the best performers and many students participated enthusiastically to make the event a grand success.



Anti ragging Poster Competition

The Anti ragging poster competition is one of the regular features in Institute of Pharmacy at the start of every new academic year and this year on September 4, 2012 a total of 37 students participated with different themes and winners' posters are displayed at student notice board to familiarize the new entrants to ragging free zone.

Teacher's Day

Teacher's day was celebrated at the institute on September 5, 2012 where a total of 32 students participated as teachers and performed the duties for theory classes and practical sessions on that day as a part of the celebration and at the end of the day, the best teacher award was given to the selected student participant from each semester. Moreover, various events like extempore and 'identify the picture' were organized by the students for the faculty.



ICMR Sponsored One Day National Seminar on Recent Trends in Injectable Drug Delivery System

An ICMR sponsored one day National seminar on "Recent trends in Injectable Drug Delivery System" was organised by Department of Pharmaceutics, Institute of Pharmacy, Nirma University on September 24, 2012. Prof. A. N. Misra, Professor and Dean, M. S. University, Vadodara was the Chief Guest, Prof. C. Gopalkrishnan, Director, Institute of Management presided over the function, Prof. Manjunath Ghate and Prof. Tejal Mehta were the convener and the organising secretary respectively. Dr. Shital Butani and Dr. Renuka Mishra were the joint organising secretaries. The seminar included a series of plenary lectures covering a range of topics from novel parenteral formulation development to regulatory requirements and stability challenges, by eminent speakers like Prof. Mukesh Gohel, Dr. Ajay Khopade, Ms. Sumitra Pillai and Mr. Murli Sundrani. The seminar brought together about 160 delegates, academicians, researchers and industrialist from multidisciplinary areas and a lot of deliberations were done on the subject.



Library data

An orientation programme was organized by the Library Resource Centre for the research scholars of Institute of Pharmacy on "Managing References: Using the Free Reference Management Tool ZOTERO" on September 10, 2012.



By Ms.Zeal Parikh, B.Pharm semester-III



By Ms.Kruti Patel, B.Pharm semester-I



by Ms. Swaleha Khambhatwala, B.Pharm semester-I

Mummies and Tuberculosis research

A group of 265 mummies currently in the Hungarian Natural History Museum are being studied by medical researchers looking for new ways to combat tuberculosis. Tuberculosis killed 1.5 million people in 2010, and presently a third of the world population is infected but asymptomatic. The vaccine doesn't work in many places where Tuberculosis (TB) is endemic and antibiotics are increasingly powerless to combat the disease. It takes a six month regimen of antibiotics to battle tuberculosis; many people never complete the program. That only gives the bacterium more opportunities to become resistant to even the strongest and longest duration of antibiotics. The group of well-preserved mummies from the 1700s and early 1800s, when tuberculosis was sweeping the continent as the White Plague, can provide invaluable information about the bacterium and our natural defences against it. Two hundred and sixty-five town residents among whom merchants, nuns, 30 priests, surgeons, craftsmen, and the postmaster's wife and child, were interred in the crypt of the Church of the Whites in the northern Hungary town of Vác between 1731 and 1838. The cool

air, low moisture and the bacteria- and fungi-killing pine oil from their wood coffins combined to create ideal natural mummification conditions, but nobody noticed because the vault had been bricked up and forgotten.

In 1994, a worker investigating the source of some cracks in the church wall found a spot that sounded hollow when he tapped on it with a hammer. After a few more taps, the wall began to collapse and the builder realized it was only a single brick thick. He broke through and found a stone staircase leading into the inky darkness. He and the priest went down the stairs and found an enormous crypt packed to the ceiling with elaborately painted coffins stacked from largest to smallest.

The priest, recognizing their rarity and significance called in ethnographers to examine them. They looked inside the coffins and found the mummified remains and everything they were buried with. The crypt's microclimate had preserved the clothing they were laid to rest in, from wool socks to bonnets to military uniforms, plus rosaries, ribbons and crowns of rosemary.

By-**Ms.Zeal Parikh, B.Pharm semester-III**

New Drug Approvals

BRAND NAME	GENERIC NAME	COMPANY	INDICATION	MONTH of 2012
Picato gel	INGENOL MEBUTATE	LEO Pharma	ACTINIC KERATOSIS	January
Inlyta	AXITINIB	Pfizer	RENAL CELL CARCINOMA	January
Voraxaze	GLUCARPIDASE	BTG International	TOXIC PLASMA METHOTREXATE	January
Subsys sublingual spray	FENTANYL	Insys Therapeutics	BREAKTHROUGH CANCER PAIN	January
Kalydeco	IVACAFTOR	Vertex Pharmaceuticals	MUTATION IN THE CFTR GENE	January
Sklice lotion	IVERMECTIN	Sanofi Pasteur	HEAD LICE	February
Bio-T-Gel	TESTOSTERONE GEL	Teva Pharmaceuticals	HYPOGONADISM	February
Jentadueto	LINAGLIPTIN PLUS METFORMIN HYDROCHLORIDE	Eli Lilly	TYPE II DIABETES	February
Korlym	MIFEPRISTONE	Corcept Therapeutics	CONTROL OF HYPERGLYCEMIA IN ADULTS WITH ENDOGENOUS CUSHING'S SYNDROME	February
Zioptan ophthalmic solution	TAFLUPROST	Merck	INTRAOCULAR PRESSURE	February
Sklice	IVERMECTIN	Sanofi Pasteur	TREATMENT OF HEAD LICE	February
Ultresa Delayed-release capsules	PANCRELIPASE	Aptalis Pharma	EXOCRINE PANCREATIC INSUFFICIENCY	March
Viokace tablets	PANCRELIPASE	Aptalis Pharma	EXOCRINE PANCREATIC INSUFFICIENCY	March
Omontys	PEGINESATIDE	Affymax	ANEMIA DUE TO CHRONIC KIDNEY DISEASE	March
Qnasl nasal aerosol	BECLOMETHASONE DIPROPIONATE	Teva Pharmaceuticals	SEASONAL AND PERENNIAL ALLERGIC RHINITIS	March

Surfaxin	LUCINACTANT	Discovery Laboratories	RESPIRATORY DISTRESS SYNDROME	March
Natazia	ESTRADIOL VALERATE AND ESTRADIOL VALERATE/DIENOGEST	Bayer HealthCare	HEAVY MENSTRUAL BLEEDING	March
Neupro	ROTIGOTINE TRANSDERMAL SYSTEM	UCB	RESTLESS LEGS SYNDROME	April
Afinitor	EVEROLIMUS	Novartis Pharmaceuticals Corporation	RENAL ANGIOMYOLIPOMA	April
Votrient	PAZOPANIB	GlaxoSmithKline	SOFT TISSUE SARCOMA	April
Stendra	AVANAFIL	Vivus	ERECTILE DYSFUNCTION	April
Elelyso	TALIGLUCERASE ALFA	Pfizer Inc	GAUCHER DISEASE	May
Dymista	AZELASTINE HYDROCHLORIDE & FLUTICASON PROPRIONATE	Meda Pharmaceuticals	ALLERGIC RHINITIS	May
Dymista	AZELASTINE HYDROCHLORIDE AND FLUTICASON PROPRIONATE	Meda Pharmaceuticals Inc	SYMPTOMS OF SEASONAL ALLERGIC RHINITIS	May
Erivedge	VISMODEGIB	Genentech	BASAL CELL CARCINOMA	June
Horizant	GABAPENTIN ENACARBIL	GlaxoSmithKline	POSTHERPETIC NEURALGIA	June
Belviq	LORCASERIN HYDROCHLORIDE	Arena Pharmaceuticals	CHRONIC MANAGEMENT OF WEIGHT LOSS	June
Lyrica	PREGABALIN	Pfizer	NEUROPATHIC PAIN	June
Myrbetriq	MIRABEGRON	Astellas Pharma US	OVERACTIVE BLADDER	June
Vascepa	ICOSAPENT ETHYL	Amarin Pharmaceuticals	HYPERTRIGLYCERIDEMIA	July
Qsymia	PHENTERMINE + TOPIRAMATE EXTENDED-RELEASE	Vivus	CHRONIC WEIGHT MANAGEMENT	July
Kyprolis	CARFILZOMIB	Onyx Pharmaceuticals	MULTIPLE MYELOMA	July
Rayos delayed-release tablets	PREDNISONE	Horizon Pharma	INFLAMMATORY DISEASES	July
Tudorza Pressair	ACLIDINIUM BROMIDE INHALATION POWDER	Forest Labs	BRONCHOSPASM	July
Rayos delayed-release tablets	PREDNISONE	Horizon Pharma	INFLAMMATORY	July
Qsymia	PHENTERMINE + TOPIRAMATE EXTENDED-RELEASE	Vivus	CHRONIC WEIGHT MANAGEMENT	July
Lucentis	RANIBIZUMAB INJECTION	Genentech	DIABETIC MACULAR EDEMA	August
Linzess	LINACLOTIDE	Forest Labs and Ironwood Pharma.	IRRITABLE BOWEL SYNDROME	August
Xtandi	ENZALUTAMIDE	Medivation	METASTATIC CASTRATION-RESISTANT PROSTATE CANCER	August
Zaltrap	ZIV-AFLIBERCEPT	Sanofi Aventis US	METASTATIC COLORECTAL CANCER	August
Marqibo	VINCISTINE SULFATE	Talon Therapeutics	ACUTE LYMPHOBLASTIC LEUKEMIA	August
LIPOSOME injection				
Neutroval	TBO-FILGRASTIM	Teva Pharmaceuticals	CHEMOTHERAPY-INDUCED NEUTROPENIA	August

By - Kashyap Shah, M.Pharm semester-III
Sagar Patel, M.Pharm semester-III

SHINING STARS AT THE INSTITUTE:

Student who brought international recognition to the Institute:

Omkar D. Sherikar, 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 including visa fees, and registration fees from Department of Science and Technology (DST), Government of India for the same.



Achievements :

Mr. Divyang Patel, M. Pharm Sem-IV (Phyto.) received Second Prize for a poster entitled "Halal Certification – An Essential Need For Herbal / Food Industry" in GUJCOST-sponsored one day national seminar on Pharmaceutical Education Development: Need of Academia and Industry Harmonization on, March 02, 2012 at Shri B.M.Shah College of Pharmaceutical Education and Research, Modasa.

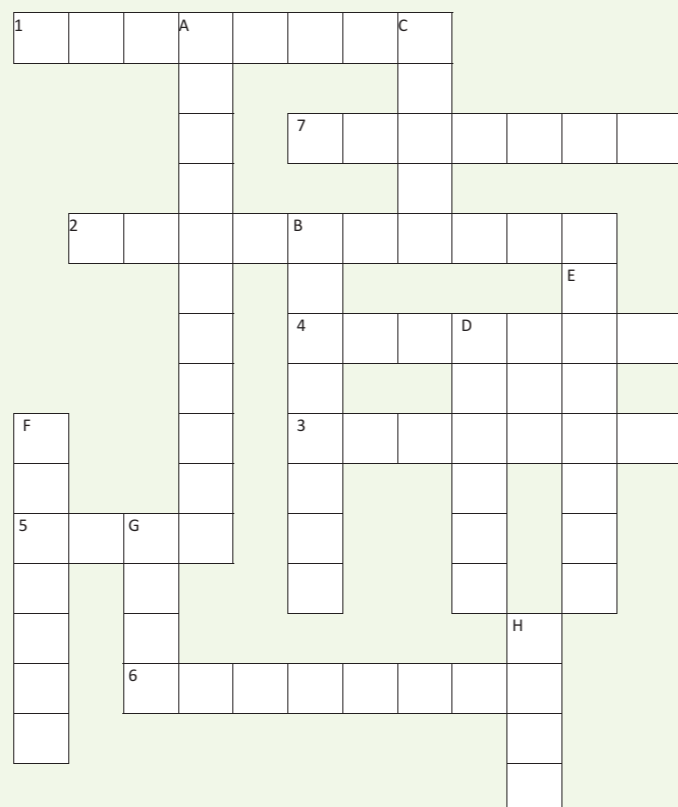
Ms.Suchi Raghunathan, M.Pharm Sem-III received First Prize (Pharmacy group) in the All Gujarat Essay Competition held by Indian Pharmacological Society, Ahmedabad branch in March 2012.

Ms.Anita Bakrania, M.Pharm Sem-III received Second Prize (Pharmacy group) in the All Gujarat Essay Competition held by Indian Pharmacological Society, Ahmedabad branch in March 2012.

Ms. Madhuri Puvvada, M.Pharm Sem-III received Third Prize (Pharmacy group) in the All Gujarat Essay Competition held by Indian Pharmacological Society, Ahmedabad branch in March 2012.

Ms.Heta Shah, M. Pharm sem-III (Phytopharmaceutical & Natural Products) received First Prize in oral presentation in the conference on "Global Scenario of Herbal Drugs - Today and Tomorrow" on September 22, 2012 at SAL College of Pharmacy, Ahmedabad.

Pharma Crossword:



ACROSS CLUES

- 1.) Localized death of tissue
- 2.) A protein of muscle
- 3.) A process of cell division to produce two cells
- 4.) A concentrated solution of sugar obtained by heating until the sweetest test is destroyed and a dark brown mass is formed
- 5.) The growing point of the receptacle of a flower
- 6.) Double voice
- 7.) Neither acidic nor basic

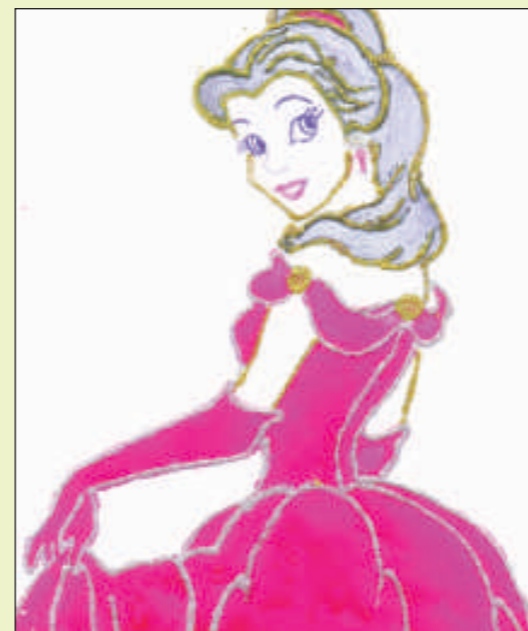
DOWN CLUES

- A.) A substance responsible for emission of rays
- B.) An enzyme that catalyzes the recognition of an optically active substance
- C.) To turn to one side
- D.) Inadequate supply of oxygen to body tissue
- E.) Inflammation of the cheek
- F.) Family of cod fish
- G.) A group of parasitic and saprophytic fungi
- H.) A healing or soothing medicine

NIPSA Activity:



An initiative was taken by Nirma Institute of Pharmacy Student Association (NIPSA) to attend a medical camp. This time NIPSA collaborated with Gujarat Vanvasi Kalyan Parishad, which regularly carries out social activities in the tribal regions to bring about their upliftment. The members of this association are doctors and members of the pharmacy field. The volunteers went to Makkanchampa village and Navavas village in Banaskantha district. A large number of patients suffering from various ailments participated in the medical camp. Doctors checked the patients, prescribed medicines and counselled them. They were also made aware of the hygienic way of living and health related precautions. NIPSA members participated wholeheartedly in the medical camp which was a grand success.



By Ms.Kruti Patel, B.Pharm semester-I

Faculty Achievements:

Prof. Priti Mehta received the national level best M.Pharm thesis Award 2012 (Guide category) in the area of Quality Assurance by MSME supported by Department of Science and Technology, New Delhi and Troikaa Pharmaceuticals Ltd. in May 2012.



Prof Priti J Mehta received the P D Shethi award 2011 for the best research paper based on Analytical Method Development for Levodopa, Carbidopa and Entacapone using HPTLC.

Expert Lectures delivered by Faculty

Prof. Vimal Kumar (IP-NU) delivered the invited lecture on "Supercritical Fluids Technology: An Emerging Technology in Pharmaceutical Sciences" in AICTE-sponsored Staff Development Programme on "Emerging Trends and Technologies in Pharmaceutical Sciences and Computer Aided Drug Design" on May 12, 2012, organized by SIRT-Pharmacy, Bhopal

Prof. Vimal Kumar (IP-NU) delivered the invited lecture on "Need for National Policy for the Promotion of Herbal and Tribal Medicine" in AICTE sponsored Staff Development Programme on "Advances in Herbal & Tribal Medicines" on May 12, 2012 at Ali-Allana College Of Pharmacy Akalkuwa, Maharashtra.

Mr. Dhaviat Parikh (IP-NU) delivered the invited lecture on "Formulation Techniques and Evaluations of Gastro-Retentive Drug Delivery Systems (GRDDS)" in two days Expert Lecture Series sponsored by University of Pune on March 22, 2012, organized by SSR College of Pharmacy, Silvassa.

Mr. Dhaviat Parikh (IP-NU) delivered the invited lecture on "Application of Texture Analyzer in Novel Drug Delivery Systems" in AICTE Sponsored two week Staff Development Programme (SDP) on March 9, 2012, organized by Nootan Pharmacy College, Visnagar.