

PUBLICATIONS

List of Publications in reputed journals with impact factor greater than 1:

- Namdev L. Dhas, Ritu R. Kudarha, Niyati S. Acharya, & Sanjeev R. Acharya. Polymeric Immunonanoparticles Mediated Cancer Therapy: A Versatile Nanocarriers for Cell-Specific Cargo Delivery. *Critical Reviews™ in Therapeutic Drug Carrier Systems*; 2018, March 3 (1): 1-64. Impact Factor: 5.367.
- Gurpreet Kaur Sinhmar, Neel N. Shah, Nimitt V. Chokshi, Hiren N. Khatri & Mayur M. Patel Process, optimization, and characterization of budesonide-loaded nanostructured lipid carriers for the treatment of inflammatory bowel disease. *Drug Development and Industrial Pharmacy*; 2018 July 44(7): 1078-1089. Impact Factor: 2.295.
- Priyal Barai, Nisith Raval, Sanjeev Acharya, Niyati Acharya. *Bergenia ciliata* ameliorates streptozotocin-induced spatial memory deficits through dual cholinesterase inhibition and attenuation of oxidative stress in rats. *Biomedicine & Pharmacotherapy*; 2018, June 102, 966-980. Impact Factor: 2.75.
- Anita K. Bakrania, Bhavesh C. Variya, Snehal S. Patel. "Insights from diversified anti-angiogenic models: Role of β -interferon inducer DEAE-Dextran." *Pharmacological Reports*; 2018, April 70, 549-557. Impact Factor: 2.787.
- Vishnu N Thakare, Rajesh R. Patil, Valmik D Dhakane, Manoj K Aswar, Bhoomika M Patel. Therapeutic potential of silymarin in chronic unpredictable mild stress induced depressive-like behavior in mice. *Journal of Psychopharmacology*; 2018 February 32 223-235. Impact Factor: 4.179.
- Rachna Kumria, Bandar E Al-Dhubiab, Jigar Shah, Anroop B Nair. Formulation and Evaluation of Chitosan-Based Buccal Bioadhesive Films of Zolmitriptan. *Journal of Pharmaceutical Innovation*; 2018 June 13 133-143. Impact Factor: 1.934.
- Anroop B. Nair Bandar E Al-Dhubiab Jigar Shah Patel Vimal Mahesh Attimarad Sree Harsha. Development and evaluation of palonosetron loaded mucoadhesive buccal

films. *Journal of Drug Delivery Science & Technology*; 2018, August 7: 351-358. Impact Factor: 2.3

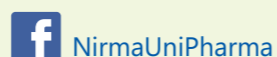
- Hemangi Rawal, Bhoomika M Patel. Opioids in Cardiovascular Disease: Therapeutic Options. *Journal of Cardiovascular Pharmacology and Therapeutics*; 2018 July, 23:279-291. Impact Factor: 3.0
- Sinhmar GK, Shah NN, Chokshi NV, Khatri HN, Patel MM. Process, optimization, and characterization of budesonide-loaded nanostructured lipid carriers for the treatment of inflammatory bowel disease. *Drug Development and Industrial Pharmacy*; 2018 July 44:1078-1089. Impact Factor: 2.295
- Priyal Barai, Nisith Raval, Sanjeev Acharya, Ankit Borisa, Hardik Bhatt, Niyati Acharya. Neuroprotective effects of bergenin in Alzheimer's disease: Investigation through molecular docking, in vitro and in vivo studies. *Behavioural Brain Research*; 2018, August, 356: 18-40. Impact Factor: 3.173.
- Mayur Patel, Bhoomika M. Patel. Repurposing of sodium valproate in colon cancer associated with diabetes mellitus: Role of HDAC inhibition. *European Journal of Pharmaceutical Sciences*; 2018 August, 121: 188-199. Impact Factor: 3.866
- Shital Butani and Amarjitsinh Rajput, "In-situ nanostructured hydrogel of resveratrol for brain targeting: in vitro- in vivo characterization" *Drug Delivery and Translational Research*, 2018, Vol 8 (5), Page No.: 1460-1470 (impact factor 3.395)
- Shital Butani, Snehal Patel and Tejal Rawal, "Chitosan nanoparticles as a promising approach for pulmonary delivery of bedaquiline" *European Journal of Pharmaceutical Sciences*, 2018, Vol 124, Page No. :273-287 (impact factor 3.466)
- Shital Butani, Tejal Rawal, Neha Mishra, Abhishek Jha, Apurva Bhatt, Rajeev Tyagi and Shital Panchal, Chitosan nanoparticles of gamma-oryzanol: Formulation, optimization and in vivo evaluation of anti-hyperlipidemic activity, *AAPS PharmSciTech*, 2018, Vol 19 (4), Pg No.:1894-1907 (Impact Factor: 2.451)

FORTHCOMING EVENTS

National Conference of Institute of Pharmacy (NCIP 2019) on the theme of "Integrating Natural and Modern Medicines in Drug Discovery and Development"

January 24-25, 2019

Institute of Pharmacy, Nirma University.
Website: <http://www.nirmauni.ac.in/IPNU>



Inspiring Thoughts...

Radiance

Institute of Pharmacy, Nirma University



Volume 12 | Issue 1 | March 2018- September 2018



Memorandum of Understanding was signed between the University of Southern California, Los Angeles, California, USA and Institute of Pharmacy, Nirma University. This will promote and develop a cooperative relationship by the various means: Facilitating staff and student exchanges; Exploring the possibility of joint collaborative research projects; Extend invitations for the purpose of informing students of academic opportunities on one another's campuses.

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EDITORIAL BOARD

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DIRECTOR'S DESK

We are happy to bring out the new issue of Radiance. The different programmes conducted at Institute level like short term training programme for faculty members and public lectures, expert lectures are included in this issue. We have adopted the curriculum and teaching examination schemes as per the regulations of Pharmacy Council of India. The different training, co-curricular and extracurricular activities conducted for the students are mentioned in this issue. In order to strengthen research activities, we have signed MoUs with MCPHD, Boston, Changwon National University, South Korea and Plovdiv University, Bulgaria. Congratulations to faculty and students for their contribution in research and extracurricular activities. I thank Nirma University and experts for continuous support for the growth of our Institute.

(Dr. Manjunath Ghate)

Director, Institute of Pharmacy

Editor's desk

It is our pleasure to bring out new issue of institute newsletter 'Radiance'. Institute of Pharmacy always focus to achieve excellence through all round development of the students. To give them exposure of the current pharmaceutical research, various events are regularly organized at the Institute. Faculty members also get training regularly to update themselves and this year the theme selected was advances in techniques which are useful to strengthen the research activities at the institute. This issue of radiance will also give glimpses of all such activities along with achievement of students and faculty members. I am sure the Institute will achieve greater heights in future.

I am thankful to all the members of the editorial board for contributing positively to bring out this issue.

Your suggestions and feedback are always welcome at radiance.ip@nirmauni.ac.in

(Dr. Shital Butani)



MOU SIGNED

Institute of Pharmacy, Nirma University has signed MoU with renowned foreign universities as follows:

1. Massachusetts College of Pharmacy and Health Science (MCPHS) University, Boston, USA.

Massachusetts College of Pharmacy and Health Science (MCPHS) University, Boston, USA. and Institute of Pharmacy, Nirma University shall promote and develop a cooperative relationship by facilitating staff and student exchanges; exploring the possibility of joint collaborative research projects; Exploring the possibility of joint PhD supervision; Exchanging relevant information and academic publications etc.

2. Plovdiv University, Bulgaria

Plovdiv University, Bulgaria and Institute of Pharmacy, Nirma University intend to co-operate in the various areas of work: Plan and implement joint research projects; jointly organize workshops, seminars and programmes on subjects of contemporary and mutual interest; exchange of students and teachers; reciprocal invitations of scholars for the purpose of talks, lectures and research; sharing of infrastructure facilities including laboratories, equipments and library for research with mutual consent; work jointly and participate in research activities happening at either side with mutual consent and in common areas of interest.

3. Changwon National University, South Korea

Changwon National University, South Korea and Nirma University intend to promote cooperation and exchange in research and education. The area in which collaborations will be explored include as follows: Exchange of students at bachelor or master level, academic and administrative staff, short-term language and cultural programs, exchange of data, documentation, and research materials in fields of mutual interest; coordination of such activities as joint research, lectures, seminars, symposia; provision of briefing services by each institution for visitors from the other institution.

DIGNITARIES

Dignitaries Visited

Dr. Raghuveer Chaudhary, novelist, poet and critic, Jnanpith award winner, Gujarati literature, Ahmedabad delivered a talk on "Katha lekhan ki kefiyat" on March 6, 2018.

ISTE Approved STTP was organised Entitled "Innovations and New Techniques for the Treatment of Cancer, Diabetes & Neurodegenerative Diseases" during June 30 to July 13, 2018 and following dignitaries delivered talk during the same:



Dr. Anil Kumar Mishra, Scientist G, Additional Director, INMAS-DRDO, Delhi.



Dr. Vandana Patravale, Professor, ICT, Mumbai



Dr. Anamik Shah, Vice Chancellor, Gujarat, Vidhyapith, Ahmedabad



Dr. Jayashankar Das, Joint Director, Gujarat Biotech Research Centre, Gandhinagar



Dr. Rakesh Rawal, Professor, Life Science, Gujarat University, Ahmedabad



Dr. Shiva Chettiar, Research Director, Gene Explore-Diagnostic and Research Centre, Ahmedabad



Dr. Suresh Jadav, Executive Director, Serum Institute, Pune



Dr. Darshana Thakkar, Obstetrician-gynecologist, Sarjan Healthcare, Ahmedabad



Dr. Gauri Shankar Sa, Professor, Bose Institute, Kolkata

DIGNITARIES



Dr. Deepak Barot, Director, Prerna Biotech, Gandhinagar



Prof. Nilanjan Roy, Director, ARIBAS, Anand



Dr. Sandip Shah, CEO and Laboratory Director, SUPRATECH Laboratory, Ahmedabad



Dr. Vinod Burade, Deputy General Manager, Sun Pharma, Vadodara



Dr. Mukul Jain, Sr. Vice President, Zydus Research Centre, Ahmedabad



Dr. R. K. Goyal, Vice Chancellor, DIPSAR, Delhi



Dr. M. R. Yadav, Former Dean, Faculty of Pharmacy, MS University, Vadodara



Dr. L. P. Kashyap, Director, Shipra Diagnostics, Ahmedabad



Dr. Banshi Saboo, Diabetologist, Diacare Clinic, Ahmedabad



Dr. Vandana Modi, Head, Phytochemistry, Cadila Pharma, Ahmedabad



Dr. Kamalesh Sarkar, Director and Scientist G, NIOH, Ahmedabad



Dr. Krishnapriya Mohanraj, Head and Professor, Department of Pharmaceutical Analysis, Bombay College of Pharmacy, Mumbai



Dr. Chirag Desai, Oncologist Director, Vedanta Institute of Medical Science, Ahmedabad

EXPERT LECTURES

Expert lectures were organized regularly for UG, PG and Ph.D. students related to their curriculum, current affairs in the pharmaceutical field as well as for the development of soft skills of the students. The following list provides an information of the guest lectures organized during the last few months:

Name of the Expert, Designation and Organization	Topic	Date
Dr. P. G. Shrotriya, Ex. Director, NMIMS, Mumbai	Skill Development-Interlinking subjects, Case studies	March 14, 2018
Dr. Pathik Brahmshatriya, Manager, NCE Discovery, Amneal Pharmaceuticals Ltd., Ahmedabad	Discovering a New Drug: Myths and Facts	March 30, 2018
Dr. Bipin Pandey, Director, Director at Center of Excellence, Saurashtra University, Rajkot	Basics of Carbonyl Chemistry	April 4, 2018
Dr. Chaitanya Bhatt, Director, YDIK Nature Care Products Pvt. Ltd., Ahmedabad	Standardization of Herbal Drugs: an Industrial Perspective	April 12, 2018
Dr. Anupama Ramkumar, Arkus Clinical Trial Support Solutions, Ahmedabad.	Pharmacovigilance- beyond reporting ADRs!	April 18, 2018
Dr. V. R. Shah, Deputy Director, FDCA, Gujarat.	Pharmaceutical Regulatory Scenario- A view point of FDCA	April 20, 2018
Dr. Prinesh Patel, Mass Spectrometry Specialist, Waters India Pvt Ltd, Ahmedabad.	Mass Spectrometry and Hyphenated Techniques and Chromatography- Basics and Applications	April 21, 2018
Dr. Prerak Shah, Founder, AYULINK, Ahmedabad	Importance of Ayurveda in Healthcare system	April 25, 2018
Dr. Ramesh Pennamareddy, AGM- Regulatory affairs, Amneal Pharmaceuticals, Ahmedabad.	Regulations for dietary supplements in EU and USA	April 26, 2018
Dr. Padma Rajagopalan, Director, Aparo Analyticals, Bangalore.	NIR spectroscopy for PAT	April 27, 2018
Mr. Mohsin Arabiani, Manager, Amneal Pharmaceuticals, Ahmedabad.	Converting Research into Intellectual Property	May 4, 2018
Ms. Dipa Mehta, Ex Senior Research Scientist, Intas Pharmaceuticals Ltd, Ahmedabad	European Regulatory Submission procedure	September 4, 2018
Dr. Mukesh Gohel, Research Director, Anand Pharmacy College, Anand.	Interpretation of Regression Analysis in factorial Design	August 30, 2018
Dr. Sanjeev Kumar, Zydus Cadila Healthcare Pvt Ltd., Ahmedabad.	Analytical tools used for bio similar therapeutics	September 1, 2018
Mr. Rohit Jain, Regulatory Consultant, Sarjen Systems Pvt. Ltd., Ahmedabad	Tools and technologies used in eCTD	September 18, 2018
Ms. Riddhi Doshi, Regulatory Consultant, Sarjen Systems Pvt. Ltd., Ahmedabad.	Regulatory requirement for eCTD	September 18, 2018

Poster competition



A poster competition for B. Pharm. semester-VIII students was held on April 21, 2018 at Institute of Pharmacy, Nirma University. The poster competition was a part of the project work of the students. Judges from industry and other academic institutions who evaluated the posters included Dr. Manju Misra, NIPER, Ahmedabad, Dr. Beenkumar R. Prajapati L.M. College of Pharmacy, Ahmedabad, Mr. Niraj Shah, PPD, Hyderabad, Dr. Subrata De, Zoetic Ayurvedic Private Limited, Ahmedabad, Dr. Priti Trivedi, KBIPER, Gandhinagar. First and second prizes in five tracks were distributed to the students. This competition helped in enhancing the presentation skills of the students.

Open House Seminar



An Open House Seminar 2018 on "Career Prospects in Pharmacy" for B. Pharm and M. Pharm aspirants was organized at Institute of Pharmacy, Nirma University on May 11, 2018. Dr. Manjunath Ghate welcomed all the delegates and their parents and briefed about the university and the institute. Dr. Dhavit Parikh gave a detailed presentation related to Different Prospects of Pharmaceutical Education. The session was open for discussion and for answering any queries of the students. Around 120 students have registered online for the seminar, out of which a total of 35 students were present along with their parents and attended the open house. The students were taken for the institute visit and the faculty members showed them the laboratories and facilities.

Short Term Training Programme



ISTE approved Interdisciplinary STTP on Innovations and New Techniques for the Treatment of Cancer, Diabetes & Neurodegenerative diseases was organized by Institute of Pharmacy, Nirma University during June 30, 2018 to July 13, 2018. Dr. Anil Kumar Mishra, Additional Director, INMAS, DRDO, New Delhi was the chief guest of inaugural function. Experts were invited from education field who discussed about different methodologies which can be used as learning techniques along with hands on training. Eminent speakers and distinguished scientists from various research centres and academic institutions of pharmaceutical field delivered comprehensive talks related to recent research and developments in treatment of cancer, diabetes and neurodegenerative disorders. Visits to various research centres and laboratories were arranged for all participants like Gene Explore Diagnostic & Research Centre, Supratech Laboratory, FRIGE House, Gujarat University Resource Facility, Ahmedabad and GBRC Centre, Gandhinagar for practical understanding of latest sophisticated instruments, equipments and techniques.

Workshop



The Department of Pharmacognosy, Institute of Pharmacy organized Workshop on "Neuropharmacological Evaluation of Drugs: Application of Stereotaxic Surgery and Behavioral Assessment" under the aegis of Centre for Continuing Education, Nirma University. Dr. Vinod Tiwari, Asst. Professor, Dept. of Pharmaceutical Engineering and Technology, IIT, BHU was the distinguished speaker in the workshop who delivered lecture related to Stereotaxic surgery. Prof. Rakesh

Raval, Head, Dept. of Life Sciences, Gujarat University was also the guest in the augural programme. Dr. Niyati Acharya, Head, Dept. of Pharmacognosy delivered talk on "Experimental screening models for Alzheimer's disease." Demonstrations on stereotaxic surgery and behavioural assessment methods for rodents were also given.

Orientation programme



Institute of Pharmacy organized Orientation Programme for new entrants of M Pharm. during July 18-24, 2018. Dr. Ketan R. Patel (Chairman & Managing Director, Troikaa Pharmaceuticals Ltd.) was the chief guest for the inaugural function. Various eminent personalities of pharmacy profession delivered lectures on various aspects of the pharmacy profession. Prof. Saranjit Singh (NIPER, Mohali), Prof. Nand Kishore (IIT, Mumbai), Prof. Krishna Iyer (BCP, Mumbai), Dr. Bipin Pandey (Saurashtra University, Rajkot), Dr. M T Chhabria (L.M.C.P., Ahmedabad), Dr. Ashok Omrey (Ideal Cures Pvt Ltd., Mumbai), Dr. Shivprakash Rathanam (Synchron Research Pvt Ltd., Ahmedabad) and Dr. Anupama Ramkumar (Arkus Clinical Trial Support, Ahmedabad) visited the Institute of Pharmacy and interacted with the students during the orientation programme. Sessions for confidence building & controlling the mind was delivered by Mr. Vincent Vaz (Counsellor, Ahmedabad) and Shri Dharmaputra Dasa (Devotee, Harekrishna Mission, Ahmedabad).

Industrial Visit



Visit to pharmaceutical industry gives insight to students about the way dosage forms are manufactured. With this motive, third year B. Pharm. students were taken to West-Coast Pharma at Gota, Ahmedabad on April 21, 2018. First year students of M. Pharm. visited Sun Pharma R&D centre (SPARC) at Vadodara on April 7, 2018. B. Pharm. students of Sem. VII visited Piramal Discovery Solutions, Ahmedabad on August 4, 2018 and Sushen Medicamentos, Changodar on September 1, 2018 as a part of their Elective subject, Course on Wheels: Applications of Pharmaceutical Sciences. M. Pharm. (Pharmaceutics) Sem. I also accompanied to visit Sushen Medicamentos, Changodar.

Extension Activities



Under social extension activity, M Pharm Sem IV students performed hygiene awareness programme at Food Court and NIM canteen, Nirma University on April 10, 2018. Students also visited Biogas plant and Panchayati Raj Training Centre under Gujarat Vidyapeeth at Sadra village, on April 12, 2018, where they learnt about generation of biogas by the various processes and its application as well as had the exposure to panchayati raj training centre of Sadra. M Pharm Sem IV students also carried out cleanliness activity on April 21, 2018, at slum area near Gate no. 3 of Nirma University.

The students of B. Pharm Semester V conducted cleanliness drive at Jaspur village, adopted by Institute of Pharmacy, Nirma University and made people aware about importance of cleanliness for better health and hygiene on August 23, 2018. They also visited Jaspur Primary school and interacted with the kids on September 6, 2018 as a part of NSS activities.

NSS Camp

Nirma University has been a part of NSS since a very long time and every year sends a group students to an adopted village for developing and serving the village. The NSS (National Service Scheme) unit of Institute of Pharmacy, Nirma University arranged a seven days residential camp at Jaspur village, Gandhinagar to perform various Social

EVENTS



Extension Activities under which 25 NSS volunteers were sent to Jaspur village from September 20-26, 2018 along with Programme Officer Dr. Mohit Shah and Ms. Seema Ahire. The volunteers conducted training sessions on a wide array of academic activities like Children's Education, English Speaking Training. Co-Curricular activities such as Drawing Competition, extra-curricular activities such as Dance and Garba were also organized. Further, the volunteers performed Cleanliness drive under Swacch Bharat Abhiyan and a skit based on 'Beti-Bachao, Beti-Padhao' mission. They also conducted a survey based on Unnat Bharat Abhiyan under which various government schemes such as PM Jan Dhan Yojana, Sukanya Samridhi Yojana Jan Aushadi Yojana were discussed with villagers for betterment of entire village.



Continuing Education programme 2018

Institute of Pharmacy, Nirma University organized PCI sponsored Continuing Education Programme for Pharmacy Teachers on "Teaching Learning Processes and Innovative Pedagogical Tools in Pharmaceutical Sciences" during September 24-26, 2018. Prof. Navin Sheth, Vice Chancellor, Gujarat Technological University was the Chief Guest in the Inaugural Programme. Several faculty members from various pharmacy colleges attended the programme and had rich knowledge gaining experience.

National seminar on "Recent Advances in Drug Discovery"



Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University organized GUJCOST sponsored 5th National Seminar on "Recent Advances in Drug Discovery-2018" on September 28, 2018. Dr. Rajender Reddy Leleti, Head, Route Scouting and New Technology, Piramal Enterprises Limited, Ahmedabad was the chief guest in the Inaugural Programme. The seminar constituted of five plenary lectures by distinguished experts from Industry and Academia. Around 80 delegates from various Pharmacy and Science colleges attended the seminar and presented their research/review work through oral and poster presentations on the theme of drug design and discovery.

Hands on training



Hands on training on formulation development and characterization of nano drug delivery systems was organized on September 29, 2018 by Department of Pharmaceutics, Institute of Pharmacy, Nirma University under the banner of Centre for Continuing Education. The program was inaugurated with gracious presence of Dr. P. G. Shrotriya, CEO, Elite Consultancy Services as chief guest followed by his key note address. Dr. Manju Mishra, faculty, NIPER, Ahmedabad and Dr. Tejal Mehta, professor and head, delivered expert talk. The poster competition was also organized followed by demonstration of various equipments like high speed homogenizer, high pressure homogenizer and particle size analyzer. Around 75 students attended the event and had given feedback to arrange more such knowledge gaining events.

STUDENT ACTIVITIES

Euphoria'18

Institute of Pharmacy, Nirma University organized Euphoria'18 (One level up), a talent hunt for first year students on March 20, 2018. More than 65 students participated in various events like dance, drama, song, mime and ad-mad. The prizes were distributed to the winners of various events. The winners of various Athletic events [100 m Run, 200 m Run, 400 m Run, 800 m Run, 1500 m Run, High Jump, Long Jump, Shot Put, Discus Throw and Javelin Throw] and Non-Athletic events [Chess, Carom, Badminton, Table Tennis and Lawn Tennis] of Annual Sports Competition 2017-18 were felicitated during Prize distribution ceremony held on March 20, 2018. The students participated in team games viz. Cricket, Football, Volleyball, Basketball, Kho-Kho, Kabaddi and Tug of War at Inter-Institute Sports Competition 2017-18, wherein the Girls Kho-Kho Team, Girls Kabaddi Team and Boys Kabaddi Team of Institute of Pharmacy became Champion.

Workshop on "Role of Youth in Nation building"

Members of Chinmaya Yuva Kendra have conducted a workshop for B Pharm Semester IV students of Institute of Pharmacy, Nirma University entitled "Role of Youth in Nation building" on March 9, 2018 at the seminar hall of Institute of Pharmacy, Nirma University.

Deshraag' - Patriotic Song Competition 2018

It was held on August 13, 2018 in NIM Auditorium. Institute of Pharmacy was the host for this competition. Various institutes of Nirma University participated in student category as well as faculty/staff category. Dr. Anup Singh - Director General, All Head of Institutions, All Coordinators - Student Activities and a large number of students were present. Shri Bhumik Shah was the Chief Guest and Ms. Ami Joshi was the Judge for the competition. In the valedictory program, Shri Bhumik Shah and Ms. Ami Joshi gave a motivating speech. Winners were awarded the trophy and all the participants were given a certificate.

Teacher's day

Teacher's day was celebrated at Institute of Pharmacy, Nirma University on September 05, 2018 where students have actively participated by conducting lectures and practical of B. Pharm. students in morning session and had wonderful experience. In the second half, the B. Pharm. Semester VII students conducted the whole programme where they

planned some fun games like antakshari, dare games for the faculties of institute and also felicitated the faculties. As thanks-giving, semester 7 students gave astounding speech and recited poems dedicated to the faculties which lead them to their student life flashbacks.



Plantation drive



Students of Institute of Pharmacy have organized a Plantation drive on July 28, 2018 at Lakulish Yoga University, Sola, Ahmedabad under the banner of NIPSAA where around 70 Students participated and they planted 170 saplings. RJ Aditi was invited as a chief guest to be a part of this social cause. NSS (National Service Scheme) volunteers, faculty members from NIPSAA advisory board as well as the other faculties from IPNU also actively participated.

Drama Club Activity

Various clubs of Institute of Pharmacy, Nirma University organized one day workshop on Drama, Dance, Photography and Design on August 9, 2018. On this occasion, various experts from the different field came and guided students. More than 150 students from Institute of Pharmacy, Nirma University have participated in the workshop. Mr. Kamal Joshi (Drama), Mr. Mahendra Nikum (Photography), Mr. P. M. Dalwadi (Photography) and Mr. Pankaj Sihag (Dance) were invited to judge the events.

STUDENT CORNER

Ph.D. awarded:

Following students received Ph.D. degree during the Twenty Fifth Convocation of Nirma University-

1. Patel Jagruti Jaydevbhai under the guidance of Dr. Niyati Acharya on a research project entitled "Phytochemical and Pharmacological evaluation of Clerodendrum serratum roots with special reference to Asthama"
2. Khan MD Yaseen MD Yunus under the guidance of Dr.VimalKumar on a research project entitled "Phytopharmacological evaluation of ACE inhibitors from medicinal plants of Ayurveda"
3. Pithadia Anand Bharatkumar under the guidance of Dr. Shital Panchal on a research project entitled "Effect of Potassium Channel Openers in various Experimental Models of Ischemic Stroke and Related Disorders"
4. Ingawale Deepa Krushna under the guidance of Dr. Snehal Patel on a research project entitled "Pharmacological Evaluation of Combination of Plant Steroids and Low Dose Glucocorticoid for Treatment of Inflammatory Disorders in Experimental Animals"
5. Ketan Tulsidas Savjani under the guidance of Dr. Anuradha Gajjar on a research project entitled "Development and characterization of formulations of poorly soluble drug candidates"
6. Nisha Hemantbhai Parikh under the guidance of Dr. Charmy Kothari on a research project entitled "Phytochemical & Pharmacological Investigation of Ocimum basilicum Seed"
7. Pravin Balasaheb Ranjana Nalawade under the guidance of Dr. Anuradha Gajjar on a research project entitled "Design, Development and Characterization of Formulations of Selected Carotenoids with Improved Dissolution"

8. Shelat Devang Yogeshbhai under the guidance of Dr. Sanjeev Acharya on a research project entitled "Development and Evaluation of Curcumin Peptide Concoction for Improving Brain Delivery and in-vivo Efficacy in Dementia Model"
9. Sarvesh Sharma under the guidance of Dr. VimalKumar on a research project entitled "Co-encapsulated Liposome of Artemisinin Analogue and Curcumin for Cytotoxic Potential"

Students' Achievements:

1. Mr. Manan Shah, full time research scholar under the guidance of Dr. Charmy Kothari has received Junior Research Fellowship from Nirma University.
2. Mr. Chetan Dhal, full time research scholar under the guidance of Dr. Renuka Mishra has received Senior research fellowship from CSIR.
3. Ms. Tripti Halder, full time research scholar under the guidance of Dr. Niyati Acharya has received third prize in poster presentation at the 3rd International Conference on Nanomaterials: Synthesis, Characterization and Applications (ICN 2018) during 11-13 May 2018 at Mahatma Gandhi University, Kottayam, Kerala. The topic of the presentation was "Development of nanostructured lipid carrier of a natural bioactive -A thoughtful approach to overcome the hurdles regarding nano-formulations".
4. Ms. Dhara Bhayani, PhD student received ICMR Senior Research Fellowship on the research project entitled, "Impact of Ionizing Radiation on the Stability of Medicines Flown on Spacecraft".
5. Ms. Bhumi Akhani, M.Pharm. Semester I student of Pharmacology Department won 1st prize in extempore event at state level competition at Deesa.



FACULTY CORNER



Travel Grant received

Dr. Charmy Kothari received travel grant worth Rs. 2.5 lakhs from DST and CSIR for presentation at 132nd AOAC International Annual Meeting & Exposition, Toronto, Canada during August 26-29, 2018.

Faculty Recognitions

Faculty Achievement

Prof. Manjunath Ghate was invited as Visiting Professor for Medicinal Chemistry subject at Southwest University, Chongqing, China in the college of pharmaceutical sciences and Chinese medicine from May 15 to June 15, 2018. During his visit he met researchers and faculty members of the college and research institute. He was also invited as the speaker in the 7th International Conference on DNA Nanotechnology held during June 1-4, 2018 in Chongqing, China.

Prof. Manjunath Ghate has been awarded as Best Research Guide for National Level "PharmInnova Award" on account of thesis submitted in the subject "Pharmaceutical Chemistry" organized by Rajnibhai V. Patel Trust under the patronage of Dept. of Science & Technology, Govt. of India.

Research & Development

Dr. Shital Butani, Associate Professor, Institute of Pharmacy, Nirma University, received Major Research Project worth Rs. 20,78,250/- in collaboration with Dr. Akshay Vaid, Facilitation Centre for Industrial Plasma Technologies, IPR on project entitled "Exploring non-



equilibrium atmospheric plasma for effective sterilization including biological safety aspects" from Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, Government of India. Dr. Priti Mehta and Dr. Snehal Patel are co-investigators.

Expert Lecture delivered by Faculty:

Dr. Jigna Shah delivered expert lecture on title "Prescription handling and Patients education" at ITM School of Pharmacy, Vadodara supported by Gujarat State Pharmacy Council, on March 24, 2018.

Dr. Bhoomika M. Patel delivered expert lecture on title "Diabetic Cardiomyopathy: Role of HDAC inhibitors" at National Seminar on Advances in Biotechnology and Biomedical Research organised by School of Life Sciences, Central University of Gujarat, on March 17, 2018.

Books Published:

Dr. Snehal Patel Published a book "Textbook of Human Anatomy & Physiology" by Nirav Prakashan, Ahmedabad (ISBN:978-93-86565-73-0)

Dr. Bhoomika Patel Published books entitled "Derasari and Gandhi's Elements of Pharmacology" and "C. S. Shah's Pharmacognosy" by B. S. Shah Prakashan, Ahmedabad (ISBN: 81-8416-031-3 and ISBN: 81-8416-052-6).

Staff Achievements

Mr. Virendrakumar S. Goswami attended One Day workshop on "Implementing Successful Library and Information Teaching Sessions" in Academic Libraries at Indian Institute of Technology, Gandhinagar dated August 18, 2018; One Day seminar on "Startup India & Role of Libraries" at Mudra Institute of Communications (MICA), Ahmedabad on August 25, 2018; and Two Days Springer Nature eBook Conclave at Jaipur during August 29-30, 2018.