

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

UDISHA Club at Babaria Institute of Pharmacy

Takes lead role in implementing Innovative Activities right from the beginning and hence empowering innovation Sankul Vadodara-1

As suggested by GTU Innovation Council, 'Shodh Yatras' were organized for B. Pharm. Students. The objective of these 'Shodh Yatras' was to have close interaction of Academic Institutes and Pharmaceutical Industries and to identify Industry Defined Problems (IDPs). The activity was conducted by UDISHA Club members at BIP.

All the students of B. Pharm. Semester VII were divided into groups and each group was accompanied with a faculty member for visiting the industry.

The summary of these 'Shodh Yatras' is presented below:

S. No.	Name of Industry	Representative of Industry	Faculty Member	No. of students	Date of visit
B. Pharm.					
1.	Alpha Labs	Mr. Manoj Shah	Ms. Sangeeta Rajbanshi	3	02/06/11
2.	Vasu Healthcare Ltd.	Mr. Hardik Soni	Mr. Umang Gajjar Mr. Mohak Raina	12	03/06/11 04/06/11
3.	Divine Laboratories Pvt. Ltd.	Mr. G.S. Nair	Mr. Jitesh Jariwala Mr. Umang Gajjar	11	06/06/11 07/06/11
4.	Zydus Cadila Healthcare Ltd.	Mr. Ruchir Someshwar	Ms. Farhat Shaikh Ms. Neepa Gosai	9	07/06/11
5.	Shine Pharmaceuticals	Mr. Ankur Shah Mr. Mukul Trivedi	Ms. Tanvi patel	4	23/06/11
6.	Rekvina Pharma	Mr. Hiren Shah & Mr. Arvind Patel	Mr. Jitendra Vaghasiya	4	23/06/11
7.	Comed Chemicals	Mr. Rajesh J Shah Ms. Veena Thosar	Mr. Hemant patel	4	24/06/11
M. Pharm.					
1.	Alembic Research Center	Mr. Kamlesh Ms. Anjali	Dr. Rishad Jivani Ms. Raj Khiani	18	03/06/11

GTU INNOVATION COUNCIL

www.gtuinnovationcouncil.ac.in

All the 'Shodh Yatras' were very interactive and informative. Students have actively participated in the activity. Representatives of the industry were also very much cooperative. Some IDPs were identified and discussed with industry persons.

AREA OF INNOVATION

Our M. Pharm. Students (Pharmaceutics & Pharmacology) are working on several innovative projects. The list of undergoing projects is presented below:

I. M.Pharm. (Pharmaceutics)

S. No	Student Name	Title of Dissertation
1.	Parmar Vilcy William	Formulation, Optimization and Evaluation of Medicated Chewing Gum of Promethazine Hydrochloride
2.	Pandya Pinank Vinayakbhai	Development, Optimization and Evaluation of Oral Aerosol Of Zolmitriptan for the Treatment of Migraine
3.	Chaudhary Pratik Kishor	Thermotropic Studies on Poorly Water soluble Drug - Ketoprofen
4.	Patel Dimple Natvarbhai	Formulation and Evaluation Oof Chronotherapy modulated Drug Delivery System of Valsartan
5.	Dudhat Meeraben Vasantbhai*	Preparation, Characterization and Evaluation of Modified k-Carrageenan as Tablet Disintegrant
6.	Shah Heli Chandrakant	Preparation and evaluation of in-situ nasal gel of Bupropion Hydrochloride
7.	Valera Bhakti Jaysukh	Design and development of Itraconazole gel for Topical fungal infection
8.	Vekariya Sagar L#	Formulation, Evaluation And Optimization of In-situ Nasal gel of Levodopa
9.	Satwara Rohan Sunil	Formulation and Optimization of Chronomodulated Press Coated Pulsatile Drug Delivery System of Carvedilol
10.	Patel Saloni C.	Formulation and Evaluation of Ophthalmic In-Situ Gel for Glaucoma
11.	Vasava Niravkumar K.	Formulation and Evaluation of Themoresponsive and Bioadhesive Minocyclin HCl In-Situ gel For The Treatment of periodontal Disease
12.	Kapadia Monali Maganbhai	Formulation, Optimization and Evaluation of Econazole Nitrate Topical Spray

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

13.	Gami Mukeshbhai Chandubhai	Formulation and Evaluation of Transdermal Patch of Ropinirol Hydrochloride
14.	Govani Riddhiben Gopalbhai	Formulation and Evaluation of Mouth Dissolving Film of Hydroxyzine HCL
15.	Solanki Shreya Takhsinh	Formulation and Evaluation of Rivastigmine Meter Dose Transdermal Spray
16.	Patel Nibha Kaushikbhai	Formulation, Evaluation and Optimization of Sublingual Tablet of Naratriptan
17.	Gajera Ashish Lavjibhai	Formulation, Evaluation And Optimization of Mouth Dissolving Tablet of Granisetron Hydrochloride Using Different Techniques
18.	Patel Himani Mahendrabhai	Development of Bilayer tablet of Azithromycin and Phenylephrine for Allergic Rhinitis

* Doing project in industry (Alembic Research Center)

Doing project in industry (Astron Research Center)

II. M. Pharm. (Pharmacology)

Sr. No	Student Name	Title of Dissertation
1.	Patel Rohankumar S.	Hepatoprotective Effect of Cod liver oil Against Diclofenac Sodium Induced Liver Injury in Rats.
2.	Panchal Chandni Kanubhai	Evaluation of Antidepressant and Anxiolytic Activity of Mimusops elengi Linn. Leaf Extracts in Mice
3.	Mangukia Krunal Himatbhai	Experimental Evaluation of Gemfibrozil on Cerebral Ischemia – Reperfusion Injury
4.	Pipaliya Hareesh Jadavbhai	Experimental Evaluation of Vitamin A on Myocardial Infarction
5.	Patel Asmita Rameshbhai	Evaluation of Anxiolytic Activity of Ficus racemosa Leaf Extract in Mice
6.	Patel Dhaval Manojbhai	To Investigate the Effect of Chalconesemicarbazone Derivative on Cyclophosphamide Induced Genotoxicity in Mice
7.	Patel Pinal K	Effect of Acorus calamus on experimentally induced Hypertension
8.	Vaddoriya Gautam A	Effect of Bauhinia malabarica Leaf Extract in Rheumatoid Arthritis
9.	Thakor Ashokji Baldevji	Effect of Exenatide on Experimentally Induced Left Ventricular Hypertrophy

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

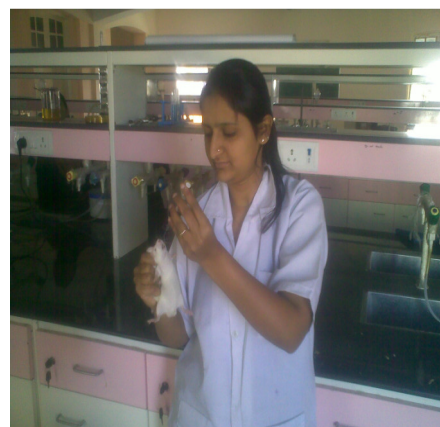
10.	Patel Vrushaliben Vinodbhai*	Evaluation of antiurolithiatic activity and acute toxicity study of polyherbal formulation
11.	Panchal Rinkuben H.	Study of combined effect of Spirulina platensis and Green tea (Camelia sinensis) leaf extract on Triton-WR1339 induced Hyperlipidemia
12.	Patel Chaitaliben H.	Antidiarrhoeal Activity of Punica granatum.L (Pomegranate) Fruit Juice.
13.	Rajwanshi Shaifali Bipinchandra	Evaluation of Antidepressant and Anxiolytic Activity of Ailanthus glandulosa Bark Extract in Mice
14.	Patel Samixaben Dhirubhai	Hepatoprotective Effect of Spirulina platensis Against Diclofenac Sodium Induced Liver Injury in Rats.
15.	Parikh Purvish Pareshbhai#	Evaluation of Anti-Arthritic Activity of Poly-Herbal Formulation
16.	Badgujar Pallavi Vilas	Effect of latex from Calotropis gigantea on diabetic wounds in rats
17.	Patel Dipalkumari Kamleshbhai	Effect of Coenzyme Q10 on Experimentally Induced Memory Loss
18.	Donga Jignasa C	To Study the Effect of Shodhana Process of Aconite on Antihypertensive and Pro-Arrhythmic Activity in Rats.

* Doing project in industry (Vasu Healthcare Ltd.)

Doing project in industry (MacAyur Care Pvt. Ltd.)



M. Pharm. (Pharmaceutics) student working on Industrial Project (Astron)



M. Pharm. (Pharmacology) student working on Industrial Project (Vasu)

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

SEMINAR

2nd National Seminar on Quality Assurance Issues in Drug Discovery and Formulation Development was organized on 2nd & 3rd December 2011 in which following speakers were invited to deliver expert talks to harness innovations in the field of Pharmacy.

S.No.	Speaker	Title of presentation
1.	Dr. CVS Subrahmanyam Professor, G.R.R. College of Pharmacy, Hyderabad.	Quality by design-Principle
2.	Dr. Madhav Marathe Head-Toxicology, Sun Pharma advanced Research Centre, Vadodara.	Role of quality assurance in toxicology
3.	Dr. J. B. Dave Director-PG, Shri Sarvajanic Pharmacy College, Mehsana.	Quality risk management and quality system in the pharmaceutical development
4.	Dr. S. Goswamy Clinical Research Expert, Ahmedabad.	Quality assurance in clinical research
5.	Dr. Tushar Mehta Team Lead-Asia pacific, Thermofisher scientific, Ahmedabad.	US pharmacopoeia and case study
6.	Dr. Ajay Khopade Sr. General Manager, R&D, Sun Pharma Advanced Research Centre, Vadodara.	Drug development based on pharmaceutical product quality assurance
7.	Dr. Ambikanandan Misra Prof-Pharmaceutics & Dean- Faculty of Technology, M.S. University, Vadodara.	Statistical quality control of controlled release formulation
8.	Dr. Jignasa Oza, GM-Operation, Vasu Healthcare Ltd.	Good Laboratory Practice
9.	Dr. C. J. Shishoo Hon. Director, B.V.Patel PERD centre, Ahmedabad.	Quality assurance in drug discovery

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)



Dr. S.S. Pancholi, Principal of BIP and the convenor, briefed about the objectives of the seminar and extended hearty welcome to guest and delegates at the Inaugural Function



Dr. Tushar Mehta delivering expert talk on “US Pharmacopoeia and Case Study