

GTU INNOVATION COUNCIL

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Report of GTU Innovation Council, Himmatnagar Sankul

1. A Meeting with industries, GIDC, Modasa

As an initiative step, an interaction meeting with industry people was held at GIDC, Modasa, by untiring effort of Mr. Kanubhai Patel (Corporator, Modasa Nagarpalika and Dr. N. M. Patel, Principal, BMCPER, Modasa and Co-coordinator, Innovative council, Himmatnagar. The aim of meeting was to aware the industries about objectives of the innovative council and also to tie up hands with industries for student development. Dr. A. A. Patel (Associate Prof.), Dr. L. M. Prajapati (Associate Prof.) from BMCPER, Modasa and Prof. B. J. Panchal (Mechanical Department, and Prof. R. J. Jani (Applied Mechanics) from GEC Modasa were accompany in the meeting. Leading industrialist like Mr. B. C. Sheth (Supersil architect product) a Chairman, GIDC, Modasa. Mr. S. R. Patel (Secretary, GIDC, Modasa), J. J. Desai (Treserer, GIDC Modasa), Mr. Devkaranbhai (Amee industries), Mr. Kalpesh Joshi (Megh Pharma), were remain present.

First, Dr. N M Patel gave brief introduction of innovation council of GTU and explained how industry and students can help each other. Mr. B. C. Sheth and Mr. Devkaranbhai had briefed all with recent problems of the industry. Prof. B. J. Panchal had informed that as per curriculum for engineering students in final year there is a provision projects work. Students face many technical and financial difficulties during project. On other hand industries also face problems related to production and product design. Here the GTU innovation council plays a pivotal role to bring students and industries together. He further informed, a team of three students (SEM VII, GEC Modasa) has been selected in national competition held by Society of Automotive Engineer of India to prepare a motor driven bicycle with prescribed specifications. The team students have given a short presentation Industrial participant had given assurance to student to help by providing molding facility as well as by financially.



Dr. N. M. Patel, Principal BMCPER, Modasa; Co-Chairman, Himmatnagar Sankul

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2. A meeting with industries GIDC, Himmatnagar

A meeting with industrialists of GIDC, Himmatnagar was organized under the chairmanship of Dr. N. M. Patel, Principal, BMCPPER, Modasa and Co-ordinator, Innovative council, Himmatnagar on August 5, 2011. The aim of meeting was to extend awareness about objectives of the innovative council and also to tie up hands with industries of Himmatnagar area for student development. Following members were remained present:

A) From academics

- Dr. A. A. Patel (Associate Prof., BMCPPER, Modasa)
- Dr. L. M. Prajapati (Associate Prof., BMCPPER, Modasa)
- Dr. D. A. Shah (Principal, APMCCPER, Himmatnagar)
- Prof. B. J. Panchal (Mechanical Department, GEC, Modasa)
- Prof. R. J. Jani (Applied Mechanics) from GEC
- T. S. Raol (Government Polytechnic, Himmatnagar)
- V. S. Patel (Grow more faculty of engineering, Himmatnagar)
- B. D. Suthar (Grow more faculty of engineering, Himmatnagar)
- V. R. Kotdawala (Government Polytechnic, Himmatnagar)
- J. J. Vyas (Director, HR, Grow more group of institutions)
- N. C. Pandya (Government Polytechnic, Himmatnagar)

B) From the GIDC Association, Himmatnagar

- President: Mr. Shyam Saluja (Director, Raizana computer and stationary Pvt. Ltd)
- Secretary: Mr. P. G. Patel (Alfa Engineering)
- Mr. A. T. Kotadia (Brij Health care Pvt. Ltd, Himmatnagar)
- Mr. G. J. Patel (Mahalaxmi mosaic tiles, Himmatnagar)
- Mr. J. B. Joshi (Shri Ram plastics, Himmatnagar),
- Mr. P. K. Panchal (Raj products, Himmatnagar)
- Mr. K. R. Pandav (SUC, GIDC, Himmatnagar)
- Dr. Shrenic K Shah (Montage Lab., Himmatnagar)

Himmatnagar is a big industrial zone having total three sub industrial zones- Himmatnagar GIDC, Dhandha GIDC, and Ceramic industrial zone. All three zones are having separate associations. The industrialists listed above belongs to all the zones represent the company manufacturing submersible pump Agrobases seeds and pesticides and pharmaceuticals products. Mr. Shyam Saluja, the president of GIDC, Himmatnagar pointed out the common problems faced by most of the industrialists. They assured to co-operate student but refused to issue any certificate or letter, also they will not maintain any register for students. They have

GTU INNOVATION COUNCIL

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been bad experience in past with trainee students, some of industrialists facing even legal problems. We Dr. N. M. Patel, Principal BMCPEP, Modasa; Co-Chairman, Himmatnagar Sankul

Innovation Council, GTU, Himmatnagar Sankul assured them about not to utilize any document against the industries. Students or teacher will visit industries only after prior permission and at the time decided previously. They will contact only responsible person to get problems and will try to solve them under the supervision of teacher incharge and available sources. Any solution found would be utilized by industry. Right on patents and IPR was also discussed.



Dr. N. M. Patel, Principal BMCPEP, Modasa; Co-Chairman, Himmatnagar Sankul

3. List of Industry Defined Problems (IDP) running at our institute

Department of Pharmacognosy

Name of student	Project title & Academic Guide	Name of Industry with Guide
102520805001 Ms. Dewanshi B. Mehta	Standardization and Pharmacological Activity of Vasaoci Cough Syrup: A polyherbal formulation Dr. Amitkumar A. Patel	Ayurlab Herbals Pvt. Ltd., 310, Kale Chambers, Bhaukale's Lane, Raopura, Vadodara-390001, Gujarat, India. Dr. Milind Purohit
102520805002 Ms. Dipti M. Pokal	Standardization and Pharmacological Activity of Relitrav Herbal Granules: A polyherbal formulation Dr. N. M. Patel	Mehta Unani pharmacy & Co. Pvt. Ltd., G-525, Lodhika, GIDC, Metoda, Rajkot-360001 Mr. Punit R. Rachh

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

102520805003 Ms. Rachana V. Patel	Standardization and Pharmacological Activity of Vaisvanara Churna: A polyherbal formulation Dr. N. M. Patel	Shree Nimbark Ayurvedic Pharmacy, Near Doodh Sagar Dairy, Mehsana-389002 Mr. Natavarlal Prajapati,
102520805004 Ms. Jalpa R. Modh	Standardisation and Pharmacological Activity of Dindayal Churna: A polyherbal formulation Dr. N. M. Patel	Shree Nimbark Ayurvedic Pharmacy, Near Doodh Sagar Dairy, Mehsana-389002 Mr. Natavarlal Prajapati,
102520805005 Ms. Chelli P. Israni	Standardisation and Pharmacological Activity of Herbal Cough Syrup: A polyherbal formulation Dr. Amitkumar A. Patel	Ayurlab Herbals Pvt. Ltd., 310, Kale Chambers, Bhaukale's Lane, Raopura, Vadodara-390001, Gujarat, India. Dr. Milind Purohit, Director,
102520805006 Mr. Hardik B. Patel	Standardisation and Pharmacological Activity of Hazmakar Tablets: A polyherbal formulation Dr. Amitkumar A. Patel	Mehta Unani Pharmacy & Co. Pvt. Ltd., G-525, Lodhika, GIDC, Metoda, Rajkot-360001 Mr. Punit R. Rachh
102520805007 Ms. Shraddha R. Patel	Standardisation and Pharmacological Activity of Conlax capsule: A polyherbal formulation Dr. Amitkumar A. Patel	Vita Health Care Pvt. Ltd., Plot No.753, At:Rakanpur, Ta. Kalol, Gandhinagar,Gujarat-382721 Mr. C. S. Patel
102520805008 Ms. Avani B. Patel	Standardisation and Pharmacological Activity of Charmi Capsule: A polyherbal formulation Dr. N. M. Patel	Vita Health Care Pvt. Ltd., Plot No.753, At:Rakanpur, Ta.Kalol, Gandhinagar,Gujarat-382721 Mr. C. S. Patel
102520805009 Ms. Sejal P. Patel	Standardisation and Pharmacological Activity of Mucosa Capsule: A polyherbal formulation Dr. N. M. Patel	Vita Health Care Pvt. Ltd., Plot No.753, At:Rakanpur, Ta.Kalol, Gandhinagar,Gujarat-382721 Mr. C. S. Patel

GTU INNOVATION COUNCIL

(www.gtuinnovationcouncil.ac.in)

Department of Quality Assurance

Name of student	Project title & Academic Guide	Name of Industry with Guide
102520804001 Menda Irfan Siraj	Analytical method validation and degradation study of Atorvastatin in bulk drug and in dosage form Dr. Piyush M. Patel	Sun pharmaceutical industries limited Halol baroda highway, Halol. Mr. Bhavesh Shah
102520804002 Patel Riddhi D.	Analytical method Development and validation of Telmisartan and Hydrochlorothiazide in bulk drug and in combined dosage form. Dr. Piyush M. Patel	West-Coast Pharmaceutical Ltd. Meldi Estate, Near Prasang Party, Sayona City Road, Gota Ahmedabad, Gujarat - 382 481, India Ms. J. R. Patel
102520804003 Patel Parthikkumar J	Development and validation of HPLC method for Etodolac and Thiocolchicoside in bulk and pharmaceutical dosage form Dr. Piyush M. Patel	Swiss Pharma Pvt. Ltd. Ahmedabad Mr. Bharat r. Kshatri
102520804004 Patel Vishal M.	Analytical Method Development and validation for Estimation of Testosterone undecanoate in bulk & Pharmaceutical dosage form Dr. Dr. Piyush M. Patel	PAR LABORATORIES 2, Mahasakti Industrial Estate Near, Anil Starch Road, B/h Sonia Ceramics, Ahmedabad-380025 Mr. Chirag Prajapati
102520804005 Patel Riddhi M.	Development and validation of hyphenated technique (LCMS/MS) for Simultaneous estimation of Oseltamivir phosphate and its metabolite oseltamivir carboxylate in human plasma Dr. Piyush M. Patel	Veeda Clinical Research [®] – India Shivalik Plaza-A, Near IIM Ambawadi Ahmedabad- 380 015 India Ms. Swati Guttikar

GTU INNOVATION COUNCIL

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102520804006 Patel Payal K.	Analytical Method Development and validation for Estimation of Clopidogrel Bisulphate and Aspirine in bulk & Pharmaceutical dosage form Dr. Piyush M. Patel	West-Coast Pharmaceutical Ltd. Meldi Estate, Near Prasang Party, Sayona City Road, Gota Ahmedabad, Gujarat - 382 481, India Ms. J. R. Patel
102520804010 Modh Mayur K.	Analytical Method Development and validation for Estimation of Ethinylestradiol and Cyproterone Acetate in bulk & Pharmaceutical dosage form Dr. Piyush M. Patel	West-Coast Pharmaceutical Ltd. Meldi Estate, Near Prasang Party, Sayona City Road, Gota Ahmedabad, Gujarat - 382 481, India Ms. J. R. Patel
102520804011 Yadav Dinesh P.	Analytical method development and validation of stanozolol in bulk drug and in pharmaceutical dosage form. Dr. Piyush M. Patel	PAR LABORATORIES 2, Mahasakti Industrial Estate Near, Anil Starch Road, B/h SoniaCeramics, Ahmedabad-380025 Mr. Chirag Prajapati
102520804012 Modh Nehal M	Analytical method development and validation of ethinylestradiol and Desogestrel in bulk and Pharmaceutical dosage form Dr. Piyush M. Patel	PAR LABORATORIES 2, Mahasakti Industrial Estate Near, Anil Starch Road, B/h Sonia Ceramics, Ahmedabad-380025 Mr. Chirag Prajapati, MSc Chemistry
102520804013 Parmar Keval D	Analytical method development and validation for estimation of Dutasteride and in bulk drug and in pharmaceutical Dosage form Dr. Piyush M. Patel	ZYDUS CADILA HEALTHCARE Sarkhej- bhavla N.H.-8A Moraiya-Tal- Sanand Dist:- Ahmedabad-382210 Mr. Hemangbhai parikh
102520804014 Rathod Shobhen N.	Development and validation of analytical method for estimation of Tibolone in bulk and pharmaceutical dosage form Dr. Piyush M. Patel	PAR LABORATORIES 2, Mahasakti Industrial Estate Near, Anil Starch Road, B/h Sonia Ceramics, Ahmedabad-380025 Mr. Chirag Prajapati

GTU INNOVATION COUNCIL

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102520804015 Patel Bhavin R.	Concurrent Process Validation of Ciprofloxacin and Tinidazole in combined tablet dosage form. Dr. Piyush M. Patel	Nirlife Healthcare, Mr. Gopal bhrambhatt
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Department of Pharmaceutics

102520804016 Patel Govind R.	Development and validation of Stability indicating RP-HPLC method for simultaneous estimation of antihypertensive drug in Pharmaceutical dosage form. Dr. Piyush M. Patel	ZYDUS CADILA HEALTHCARE Sarkhej- bhavla N.H.-8A Moraiya-Tal- Sanand Dist:- Ahmedabad-382210 Mr. Hemangbhai parikh
102520804017 Mehta Shefaliben Jayendrabhai	Development and validation of Stability indicating Assay Methods and Impurity profile of Rasagiline Mesylate in bulk and formulation Dr. Piyush M. Patel	ZYDUS CADILA HEALTHCARE Sarkhej- bhavla N.H.-8A Moraiya-Tal- Sanand Dist:- Ahmedabad-382210 Mr. Bhupendrabhai Patel
102520804018 Patel Ronak Hareshbhai	Analytical Method development and validation of Rabeprazole in pharmaceutical dosage form by HPLC method Dr. Piyush M. Patel	Nucleus Formulation Pvt. Ltd, Plot No. 3484/3485, Phase 4, G.I.D.C., Chattral, Dist: Gandhinagar Gujarat. Mr. Jayesh Pandya
102520808003 Chaudhari Brijeshkumar Madhubhai	Design and Development of Extended release tablet of Nicotinic acid. Dr. M. R. Patel	Orbicular Pharmaceutical technologies Pvt Ltd., R &D Center: Plot # 53, At; Hyderabad- 500 072 Dr. Hiren Patel
102520808010 Shah Arpitkumar Prakashkumar	Formulation and evaluation of Fast dispersible tablet of Fexofenadine HCl. Dr. M. R. Patel	Orbicular Pharmaceutical technologies Pvt Ltd., R &D Center: Plot # 53, At; Hyderabad- 500 072 Dr. Hiren Patel

Report Edited by: Pinak K. Gajjar, Team GTU Innovation.