

## ACADEMIC ACTIVITIES

### ADMISSION OF STUDENTS TO M.S PHARM IN 2012-2013

The institute had Masters level programme in six different disciplines till the fifth academic year leading to M.S Pharm in Pharmaceutics, Natural Products, Biotechnology, Pharmaceutical Analysis, Medicinal Chemistry and Pharmacology streams.

NIPER Ahmedabad stepped into sixth academic year from July 2012, introducing Medical Device as a new stream, and in the sixth academic year, 53 students were admitted to seven streams.

Discipline	No. of Students admitted	
	(Batch 2011-13)	(Batch 2012-14)
Natural Products	09	09
Pharmaceutics	12	13
Biotechnology	10	10
Pharmaceutical Analysis	06	05
Medicinal Chemistry	05	05
Pharmacology and toxicology	05	06
Medical Device	-	05
<b>Total</b>	<b>47</b>	<b>53</b>

### Teaching schedule for the Academic Year 2012-13

#### **1<sup>st</sup> Semester**

Teaching started with the orientation week on the 4<sup>th</sup> week of July 2012. Regular teaching schedule followed the week after.

Weekly, four seminars were scheduled for the First semester students.

The Mid-term exams were scheduled from 15<sup>th</sup> to 29<sup>th</sup> October 2012 and the Final Exams are scheduled in December 2012.

#### **3<sup>rd</sup> Semester**

Third Semester started from the third week of June 2012. The students submitted their Project proposals in the third week of July 2012 followed by the Project Proposal Defense. The Project Progress Evaluation is scheduled in January 2013.

### NIPER-PH. D. Program

NIPER-Ph. D. program was started at NIPER-Ahmedabad during the academic year 2011-2012 with six Ph. D. fellows, three each in Natural products stream and Biotechnology. The

students have finished their course work and the synopsis presentation is scheduled in December 2012.

In the academic year 2012-2013, nine Ph. D. fellows, three each in Pharmaceutics, Natural products stream and Biotechnology, have been enrolled on the basis of common NIPER-Ph. D. entrance test conducted in June 2012. The fellows have been assigned their Ph.D. mentors and are pursuing their course work.

### **CONFERENCE/WORKSHOP'S ORGANIZED**

1. Mammalian Cell Culture: Hands-On Training Programme, Organized at B. V. Patel PERD Centre, from June 18 – June 22, 2012



**Participants during Practical sessions of the Workshop**

2. National Seminar on Opportunities and Challenges in Academic Research (with special reference to Life science, Drug and Pharmaceutical research), Organized by B. V. Patel PERD Centre and NIPER-Ahmedabad in association with Department of Science and Technology (DST), Govt. of India, from March 2 – 4, 2012.



**Floral Welcome of Chief Guest, Dr. G. J. Samathanam by Prof. C. J. Shishoo.**



**Dr. Neeta Shrivastava delivering a lecture during the seminar**

## PROJECTS

- **DOP funded project** titled 'Development and Clinical Evaluation of Novel fixed dose combination of Rifampicin and Isoniazid to improve Bioavailability of Rifampicin for the treatment of Tuberculosis' **in collaboration with AIIMS- New Delhi.**
- **DBT funded project** titled 'Synthesis and Development of Antitubercular 1,4-Naphthoquinone Congeners as *Mycobacterium tuberculosis* Methionine Aminopeptidases Inhibitors'.
- **Inspire Fellowship from Department of Science and Technology to Dr. Manju Misra.** 'In-situ gelling mucoadhesive system for brain delivery of p-Glycoprotein (P-gp) substrates via nasal route: Effect of a novel lipidic agent on drug release and P-gp inhibition'
- **RGYI, Department of Biotechnology to Dr. Manju Misra, Dr. Abhijeet Joshi and Dr. P. Venkatesh.** 'Design of Oral delivery system for macromolecules using gastrointestinal patch system: Role of fatty acid as penetration enhancer'.

## HONOURS/AWARDS

1. Tejas Vyas, Ranjeet Dash, Sheetal Anandjiwala, Manish Nivsarkar. Formulation and pharmacokinetic evaluation of hard gelatin capsule encapsulating lyophilized Vasa Swaras for improved stability and oral bioavailability of vasicine. *Fitoterapia* **2011**; 82: 446-453. Selected as one of the papers for the **Certificate of Merit Award – “Dr. P.D. Sethi Annual Award – 2011 for Best Research Papers on “Application of TLC/HPTLC in Pharma, Herbal and other Chemical Analysis” 2011; September 2012.**
2. Dr. Anita Mahapatra received Prof. A.R. Rao Memorial **Best Young Researcher Award** for the presentation at International Conference on Recent Advances in Cancer Research Therapeutics to Chemoprevention, during 8-9<sup>th</sup> February, 2012 by Central University of Gujarat, Gandhinagar.



**Dr. A. Mahapatra receiving the award from Prof. (Dr.) Rajesh Agarwal, University of Colorado, Denver**

## PLACEMENT ACTIVITIES

- To provide placement to student at reputed Pharma companies, a placement Cell (including the faculty members as well as the students of NIPER-A) has been created which is responsible for publishing a placement brochure and sending it to various Pharma companies.
- Various companies have been visiting our organization for Campus Interviews.
- Our students have been placed in about 16 Pharma companies. About 80 % of the students have been placed from the third that recently passed out in June 2012.

## EXTRACURRICULAR ACTIVITIES

### 'Hindi Pakhwada' (1<sup>st</sup> to 14<sup>th</sup> September 2012)



Inauguration ceremony of 'Hindi Pakhwada'

### Celebration of Independence Day



Speech on Independence day by Dr. Manish Nivsarkar, Director, PERD Centre

**Navratri Celebration**



**Students playing Garba**

**Sports activities**



**Students at Volleyball court**