

वार्षिक प्रतिवेदन Annual Report 2009-10

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

NIPER Hyderabad



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान
बालानगर, हैदराबाद-500 037. भारत

National Institute of Pharmaceutical Education and Research
Balanagar, Hyderabad- 500 037, India



Project Director, Registrar, Course Coordinators & Faculty of NIPER - Hyderabad

Welcome to the Beautiful Landscape of NIPER – Hyderabad



NIPER Campus



Growing of Garden and Flowering



Campus of NIPER Hostel



A Beautiful Lawn in Centre of the Departments



Library Corridor



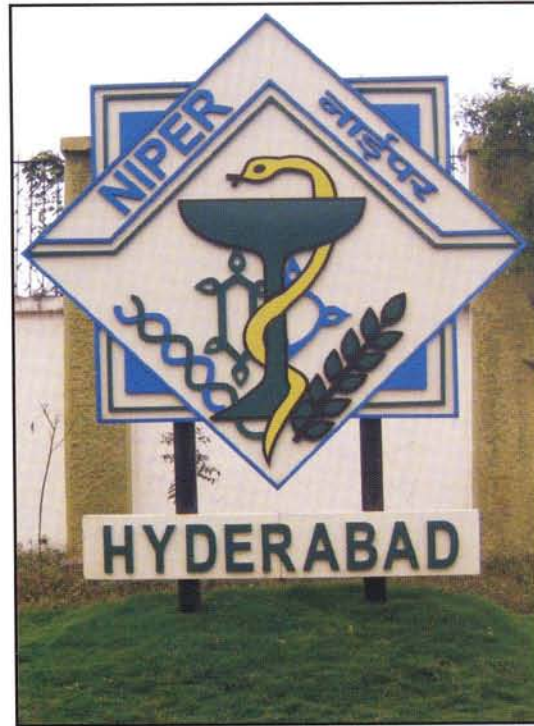
Entrance of the Institute



Administrative Corridor



Flowering Garden



MedChem Wing



Library



Auditorium



Indoor Sports Hall at NIPER Hostel



Dinning Hall at NIPER Hostel

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भारतीय रासायनिक प्रौद्योगिकी संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)
Indian Institute of Chemical Technology

(Council of Scientific & Industrial Research)
हैदराबाद-500 007. भारत Hyderabad - 500 007. INDIA.



Dr. J.S. Yadav, FNA, FTWAS
Director

डॉ. जे. एस. यादव, एफ.एन.ए., एफ.टी.डब्ल्यू.एम.एस
निदेशक



I am pleased that National Institute of Pharmaceutical Education and Research (NIPER-Hyderabad) has successfully completed 3 years of its inception. The first batch (2009) and second batch (2010) of the M.S. (Pharm.) course students in three (Medicinal Chemistry, Pharmaceutical Analysis and Pharmacology & Toxicology) disciplines have completed the M.S degree and most of them have joined various Research institutions and Pharmaceutical companies. The new M.S course in Pharmaceutics is started in the year 2010. The 3rd batch students are working for their research projects largely at its mentor institute. The institute is in the process of getting established by providing the necessary infrastructure for its growth particularly to take up the research activities in advance areas in pharmaceutical sciences and initiating the doctoral programmes in this year.

I am happy to know, NIPER is going to start a national centre for bulk drug research and development to serve the pharmaceutical industry. IICT as its mentor institute is offering its full support in the growth and development of this institute more precisely in the advanced practical training, research project works of the students through its scientific faculty and IICT supporting the NIPER for conducting various workshops and seminars in advanced topics in drug discovery.

I am happy to extend my support and guidance to see that this institute flourishes in advance pharmaceutical science education and research in the coming years.

My best wishes for NIPER-Hyderabad in its future endeavours.

Date: 13-01-2011

(J.S. Yadav)

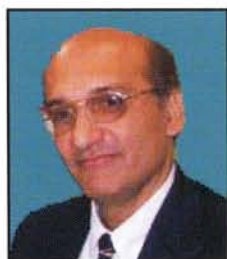


नाईपर हैदराबाद
NIPER, HYDERABAD

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान
बालानगर, हैदराबाद-500 037. भारत

National Institute of Pharmaceutical Education and Research
Balanagar, Hyderabad- 500 037, India

Mentor Institute
IICT, Hyderabad.



NIPER-Hyderabad has successfully completed three years of its functioning after its establishment in 2007. It is my pleasure to present to you the progress report of NIPER-Hyderabad for the period of 2009-10.

The first and second batch students of the M.S. (Pharm) course have come out after their successful completion of the course and third batch of students are working on their projects while the fourth batch students have started their first semester course.

The vision of this institute is to be a vital source of excellence in achieving targets relating to Human Resource Development, Research and Development in the field of pharmaceutical sciences and allied fields and to be a strong platform for collaborative support to the Pharmaceutical industry. We are steadily progressing on this path as reflected from the number of students that have joined the pharma industries and pursuing research activity abroad as well at the national institutes in the country. The research labs are being developed in this institute and the faculty has been strengthened to provide the best education in pharmaceutical sciences. This institute is presently being mentored by Indian Institute of Chemical Technology (IICT), Hyderabad and however, the facilities are being created at this institute for it to become self reliant.

The Department of Pharmaceuticals under the Ministry of Chemicals & Fertilizers has been extremely helpful in the development of this institute.

I am thankful to my colleagues both from the scientific as well as administrative side and students for their cooperation.

It is my belief that this institute will grow to reach greater heights in the years to come.

Date: 13-01-2011

(Dr. Ahmed Kamal)



नाईपर हैदराबाद
NIPER, HYDERABAD

राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान
बालानगर, हैदराबाद-500 037. भारत

National Institute of Pharmaceutical Education and Research
Balanagar, Hyderabad- 500 037, India

Mentor Institute
IICT, Hyderabad.



It is a great pleasure that National Institute of Pharmaceutical Education and Research Hyderabad is releasing its Annual Report 2010 for the academic year 2009-10. I am given to understand that within a period of three years NIPER Hyderabad has progressed tremendously in academic and research activities.

In cooperation from the mentor institute, Indian Institute of Chemical Technology, NIPER Hyderabad accelerates the research activities in the concern areas in drug discovery and development to upgrade the quality health of the mankind. NIPER Hyderabad also plays a pivotal role in creating well talented human resource to meet the needs of pharmaceutical industry.

I am sure that NIPER Hyderabad continues to progress with pace to offer quality education and emerge as a role model institute in India and around the globe. Young and well qualified faculty have been inducted into NIPER to train and fine tune the students. Under the leadership of Dr. J. S. Yadav, Director, IICT and Dr. Ahmed Kamal, Project Director, NIPER Hyderabad will flourish and fulfil the motto of its establishment.

Date: 13-01-2011

Prof. N. Satyanarayana

About NIPER Hyderabad

National Institute of Pharmaceutical Education and Research (NIPER) is a National level Institute in Pharmaceutical Sciences with proclaimed objectives of becoming centre of excellence for advance science and research in pharmaceutical sciences. Previously, there was only one NIPER at Mohali. Later, the Govt. of India (Ministry of Chemicals & Fertilizers) has started 6 such institutes under the aegis of this Ministry. NIPER-Hyderabad is one among them which started about 3 years back. This institute offers a 2 year PG degree course; MS (Pharm) in 4 disciplines (Medicinal Chemistry, Pharmacology & Toxicology, Pharmaceutical Analysis and Pharmaceutics) and is located at the former R&D Centre of IDPL, Balangar, Hyderabad. Presently, Indian Institute of Chemical Technology (IICT), Hyderabad a premier CSIR Research Laboratories, is the Mentor Institute for NIPER, Hyderabad.

This is being developed as a National Centre to cater to the needs of pharmaceutical academia and the industry. Very soon, it is likely to become the Centre of Excellence for Advance Studies and Research in Pharmaceutical Sciences. Hence, the Govt. has awarded the status of “Institute of National Importance” to it. This institute will play an important role in the Human Resource Development for the ever growing Indian Pharmaceutical industry, which has been in the forefront of India’s science based industries with wide ranging capabilities in this important field of drug manufacture.

Objectives of NIPER Hyderabad

- Create world class institute which produce future leaders in Pharmaceutical Sciences
- Bring synergy between Academia and Industry
- Expand research activities in new avenues and emerging segments
- Explore national and international collaboration in pharmaceutical sciences
- Train the students with motivation to enhance the creativity and professionalism
- Create Human Resource Development in the field of Pharmacy

Members, Steering Committee

| S.No. | Name & Address | Designation |
|-------|---|-------------|
| 1 | Shri Mukul Joshi, Secretary, Dept. of Pharmaceuticals | Chairman |
| 2 | Shri Arun Jha, Joint Secretary, Dept. of Pharmaceuticals | Member |
| 3 | Mrs Asha Rungta, Director (F), Dept. of Pharmaceuticals | Member |
| 4 | Shri S. C. Sharma, Director (NIPERs), Dept. of Pharmaceuticals | Member |
| 5 | Dr. K.K.Bhutani, Officiating Director, NIPER, S.A.S. Nagar, Mohali | Member |
| 6 | Dr. J. S. Yadav, Director, Indian Institute of Chemical Technology (IICT) Hyderabad | Member |
| 7 | Prof. Siddhartha Roy, Director, Indian Institute of Chemical Biology (IICB), Mullick Road, Jadavpur, Kolkata | Member |
| 8 | Dr. T. K. Chakraborty, Director Central Drug Research Institute (CDRI), Lucknow | Member |
| 9 | Dr. Neeta Shrivastav, Project Director, NIPER Ahmadabad | Member |
| 10 | Dr. Pradeep Das, Project Director, NIPER Hajipur | Member |
| 11 | Dr. Ahmed Kamal, Project Director, NIPER, Hyderabad | Member |
| 12 | Dr. Asish Kumar Banerjee, Project Director, NIPER, Kolkata | Member |
| 13 | Dr. M. M. Deka, Principal, Guahati Medical College & In-charge, NIPER Guwahati | Member |
| 14 | Dr. D. K. Dikshit, Project Director, NIPER, Rae Bareli | Member |
| 15 | The Industries Commissioner, Government of Gujarat | Member |
| 16 | The Principal Secretary (Industries), Govt. of Gujarat, Gandhi Nagar | Member |
| 17 | The Principal Secretary (Industries), Govt. of Bihar, Patna | Member |
| 18 | The Principal Secretary (Industries), Govt. of Andhra Pradesh, Hyderabad | Member |
| 19 | The Principal Secretary (Industries), Govt. of West Bengal, Kolkata | Member |
| 20 | The Principal Secretary (Industries), Govt. of Assam, Guwahati | Member |
| 21 | The Principal Secretary (Industries), Govt. of Uttar Pradesh, Lucknow | Member |

Members, Management Committee

| | | |
|---|--|------------------|
| 1 | Dr. A.C. Kunwar, Scientist, IICT-Hyderabad | Chairman |
| 2 | Dr. Ahmed Kamal, Project Director, NIPER-Hyderabad | Member, Convener |
| 3 | Dr. K. Ravi Kumar, Scientist, IICT-Hyderabad | Member |
| 4 | Mr. Y. Ramakrishna, COA, IICT-Hyderabad | Member |
| 5 | Mr. M.R.K. Shastry, COFA, IICT-Hyderabad | Member |
| 6 | Mr. C. Badarinath, COSP, IICT-Hyderabad | Member |

Members, Academic Monitoring Committee

| | | |
|---|------------------------|----------|
| 1 | Prof. N. Satyanarayana | Chairman |
| 2 | Dr. R. Srinivas | Member |
| 3 | Dr. S. Ramakrishna | Member |
| 4 | Dr. Kolupula Srinivas | Member |

CITIZEN'S/CLIENTS' CHARTER

(i) Vision and Mission Statement:

VISION:

To achieve a position of one of the leading global institutions in the field of higher learning and research in Pharmaceutical Sciences

MISSION:

To strive towards excellence in the field of higher learning and research in Pharmaceutical Sciences and to be one of the principal sources of professional manpower in the field, for strengthening the Indian Pharma industry in providing medicines at affordable price by using latest aspects of Science & Technology.

(ii) Details of business transacted by the organization:

1. To provide quality education and advanced knowledge in the field of Pharmaceutical Sciences, through the 2 year M.S (Pharm.) course, with a student strength of 75 for each year.
2. To conduct Ph.D programme in the disciplines of the institute.

(iii) Details of customers/clients:

Persons with eligibility qualification from a recognized university admitted as students at the NIPER:

- 1) a) For the M.S (Pharm.) course : B. Pharm /M.Sc (organic Chemistry) for the discipline of Medicinal Chemistry (b) B. Pharm / M.Sc Organioic Chemistry / Analytical chemistry, for the discipline of Pharmaceutical Analysis / (c) B. Pharm / B.V.Sc/ MBBS, (d) B. Pharm.

Note :

- 2) Post graduates in Pharmacy from any recognized university/NIPERs for the Ph D programme.
Provisions for reservation shall be made as per Government of India rules in force.

(iv) Statement of services provided to each citizen group /client group separately

| S.No. | Client Group | Services provided to the Group |
|-------|--------------------------|---|
| 1 | Students of M.S (Pharm.) | <p>Make payment of stipend of Rs.8000 per month, based on the attendance certificate from the co-ordinator;</p> <p>Teaching at the class rooms with talented faculty of the concerned subjects as per the syllabus, semester-wise, as prescribed by the Department under the NIPERs Act.</p> <p>Conducting practicals in the labs with the equipments and the consumables required for the practicals work in the concerned subjects as per the syllabus, semester-wise</p> |

Providing Library with journals and books in the concerned subjects.

Conducting semester-wise examinations and announcement of semester-wise results.

Award of Degrees to the students who fulfill the criteria for award of the degree;

Partial Refund of tuition fee for the selected students of the economically weaker sections, semester-wise, based on the GPA score of 6.0 and above

| | | |
|---|----------------|---|
| 2 | Ph D programme | Payment of stipend of Rs.15,500 per month, subject to fulfillment of the requirements |
| | | Providing faculty as guides, who train the students in the basics of research and guide the student for research studies in the specialized area. |
| | | Conduct examination at the end of the course |
| | | Award of degree to the students who fulfill the requirements for the award of the Degree. |

(v) Details of Grievances redress Mechanism and how to access the same

The Student Welfare Officer shall meet the students on each Monday at a fixed time to be intimated in advance, to clear the grievances, if any. A Grievance Box is kept in the Academic cell and grievances received through that box are given to the Student Welfare officer for action at the weekly meeting.

(vi) Expectations from the Clients:

A: Students of M.S (Pharm.):

- Remit the semester tuition fee promptly into the Bank account of the NIPER, every semester
- Fulfill the requirement of GPA of 6.0 and above if the student is one who is selected for the benefit of the partial waiver of tuition fee in respect of the economically weaker sections.
- Fulfill the punctuality and attendance requirement as prescribed from time to time.
- Fulfill the requirement of courtesy, decorum and discipline of studentship.
- Fulfill the requirement of at least the minimum GPA for each semester and improve as per guidance by the faculty.
- Fulfill the requirement of overall GPA at the end of the course, to be eligible for the award of the degree.

B: Students of Ph D programme

As may be prescribed from time to time

SCHEME, OUTLAY AND EXPENDITURE OF NIPER, HYDERABAD

NIPER-H/03/03/01

Date: 30.12.10

National Institute of Pharmaceuticals Education and Research, (NIPER) Hyderabad is one among the Six New NIPERs, established on the lines of NIPER, Mohali by the Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, as an Institute of National importance to nurture and promote quality and excellence in Pharmaceuticals Education and Research and thereby develop Human Resources for the Pharmaceutical sector.

The Budgetary support in the form of Grant is provided by the Department of Pharmaceuticals under various heads. The detail of the expenditure incurred by the Institute during the academic year 2009-2010 is as follows.

NIPER - HYDERABAD

Expenditure Statement for Year 2009-2010

| S.no | Description | Amount in Rs. |
|--------------|---------------------------------------|--------------------|
| 1 | Salaries /Honorarium to guest faculty | 1,26,99,339 |
| 2 | Stipend | 1,12,52,392 |
| 3 | Equipments/ (Teaching aids) | 70,98,013 |
| 4 | Chemicals & Consumables | 11,81,984 |
| 5 | Computers & Internet | 13,31,776 |
| 6 | Books & Journals | 11,81,573 |
| 7 | Works | 14,98,641 |
| 8 | Furniture | 12,54,627 |
| 9 | Electricity & Water | 11,08,469 |
| 10 | Project Manpower Expenditure | 22,86,372 |
| 11 | TA/DA & Transport | 30,65,336 |
| 12 | Contingencies/ Miscellaneous | 33,54,395 |
| TOTAL | | 4,73,12,917 |

Activities of NIPER Hyderabad

NIPER Hyderabad stepped into the third academic year on 25th July, 2009 with the arrival of selected students and a grand orientation program. Students were let to know NIPER Hyderabad, the faculty and the facilities. Several experts' from academia and industries spontaneously accepted the invitation. To be our faculty and participated with great enthusiasm for the completion of syllabus. Coaching was not confined to syllabus, students were also trained for personality development skills and physical fitness (Yoga). The 3rd semester students resumed their research projects many at IICT Hyderabad and some in pharmaceuticals industry from August 2009. Midterm exams were conducted in the month of October 2008 and end term exams in December 2009.

Second semester of the same batch commenced after a small sabbatical from January 2010. Midterm project progress of 4th semester students was conducted in February 2010 and midterm examination for 2nd semester was scheduled in April 2010. Both end term examination of 2nd semester and Dissertation submission and evaluation of 4th Semester were held in June 2010.

The faculty and the students were encouraged in scientific publication and presentation to bring NIPER HYDERABAD under the scientific research platform. This led to several publications in reputed journals. Conferences and seminars were organized in NIPER Hyderabad, faculty and students were sponsored for conferences such as IPC, IPS Bio Asia, etc.

To enable students in updating their Knowledge and awareness about the surroundings, NIPER Hyderabad has taken up strengthening the laboratory and library facilities. A large number of books have been installed and some are under the process of installation. A large number of books have been added to library database including 9450 titles. To hasten the literature search exhaustively about any scientific findings, NIPER Hyderabad provided Scifinder tactility in the library.

In addition to providing quality education as its priority, NIPER Hyderabad has organized campus recruitments for the placement of students. Noted industries including Perrigo, Novartis, Suven, Data Monitor, Biocon, Pharmexcil, AMRI, SAPL, DMV, etc, came forwarded to visit NIPER Hyderabad and Selected in IICT Hyderabad which has scope to pursue Ph.D in due course.

Academic Programme

NIPER Hyderabad incepted to provide initially Master's level programme in three different specializations of pharmacy which lead to M.S Degree in Medicinal Chemistry, Pharmaceutical Analysis, and Pharmacology & Toxicology.

Apart from the academic curriculum, the institute also created the central facilities to extend its support for research activities within the institute including

- Library facilities
- Computer facilities
- Instrument facilities

Library Books Available in NIPER Library

The NIPER Hyderabad library has the following books and encyclopedia / Dictionary as on Date: 24/12/10

| S.No | Title | Total no. of volumes | Total no. of copies |
|------|--------------------------|----------------------|---------------------|
| 1 | Books Obtained from IDPL | 5436 | 5436 |
| 2 | Books purchased by NIPER | | 646 |
| 3 | Encyclopedia | 114 | 114 |
| 4 | Dictionaries | 94 | 94 |
| | | Total | 6290 |

In charge library,

December 2010

Computer facilities

Computer centre at NIPER-Hyderabad serves the needs of faculty, staff and students in updating the literature and communication. It also facilitates the faculty and students with 75 higher end desktops which are connected in network. In addition to windows XP, Vista operating systems, this centre has general software like MS Office 2007, Antivirus and other free software. For day to day computer practicals and literature retrieval from internet, 50 desktops are utilized. For molecular modelling / Drug discovery activities, NIPER-Hyderabad procured license for complete suite of Molecular Operating Environment (MOE), Chemical Computing Group, and Canada. For high performance computing, two work stations are available and are used for free modelling software like AUTODOCK, NAMD etc. This centre is equipped with 2 Mbps broadband internet connectivity with six servers set up in a rack which allows the users to have access to the email, internet and etc. These servers were installed with windows Server 2003 and Linux (Red hat) operating system. Establishment of website, institutional email facility, proxy and for other applications are in progress. Other computer related accessories including high speed and network laser printer (color and black & white) and scanners are also available.

Instrument facilities:

Pharmaceutical Analysis department has well equipped laboratories and sophisticated analytical instruments to train the students on latest techniques in pharmaceutical analysis. The department has the following instruments

HPLC: Prominence, Shimadzu, Japan

GC: GC-2014, Shimadzu, Japan

FTIR: Spectrum RXI, PerkinElmer, USA

UV/Visible spectrophotometer: V-650, Jasco, USA

Automatic digital polarimeter: Chemindia

Analytical balances: Sartorius, Germany

The institute has strong support from mentor institute Indian Institute of Chemical Technology, Hyderabad for other advanced instruments like

Preparative HPLC: LC-8A, Shimadzu, Japan

HPTLC: CAMAG 4.05, Switzerland

CE: Prince CE 460-The Netherlands

LC-MS: Quattro LC, Micromass, UK

GC-MS: 6890 NGC with 5973 inert MSD, Agilent Technologies, USA

MALDI-TOF: KOMPACT SEQ, KRATOS, UK

ESI-QTOF: Q STAR XL Hybrid, Applied Biosystems, USA

NMR: UNITY-400, Varian, Switzerland, etc.

Instruments Facilities (added in 2009-10)

| S.No | Description of Item | Qty |
|------|--|----------|
| 1. | Weighing balance for Chemicals | 2 Nos |
| 2. | Balance (0.1 mg to 200 g) | 1 No. |
| 3. | Balance 1mg to 2 kg | 1 No. |
| 4. | Isolated organ bath | 1 No |
| 5. | Ice Maker | 1 No. |
| 6. | Gel electrophoresis and bio Doc | 1 No. |
| 7. | BIOPAC | 1 No. |
| 8. | UV-VIS Spectrometer | 1 No. |
| 9. | EPABX System | 13 Lines |
| 10. | Up right pharmaceutical refrigerator | 2 Nos |
| 11. | Laboratory oven | 1 No. |
| 12. | Magnetic Stirrers MS-1 without hot plate | 20 Nos. |
| | Magnetic Stirrers MS-2 with hot plate | 10 Nos. |
| 13. | Server Rack | 1 No. |
| 14. | KBR Hydraulic press for FTIR Instrument | 1 No |
| 15. | Refrigerator for Hostel | 1 No |
| 16. | DIMMERSTAT | 10 Nos. |
| 17. | UV Cabinet for TLC Viewing | 1 No. |
| 18. | pH meter with single junction | 1No |
| 19. | pH meter with single junction | 1 |
| 20. | SONY make digital camera | 1 |
| 21. | Drilling machine and accessories | 1 No |
| 22. | ELECTRONIC vacuum cleaner | 1 set |
| 23. | Student electrical kymograph | |
| | Two unit thermostatic student organ bath | 1 set |

Academic Calendar for the Year 2009-10

| Activity | Dates |
|---|---|
| July to December - 2009 | |
| Notification of Academic Calendar for July – December | 1 st week of July, 2009 |
| Orientation of Students 2009-10 Batch | 25 th July, 2009 |
| Commencement of Semester-I for 2009-10 Batch | 27 th July, 2009 |
| Departmental Introduction Session of Faculty, Staff and Students | 27 th July, 2009 4.00 pm onwards |
| Constitution of SRCs for 3 rd Semester (2008-09 Batch) | 3 rd week of Aug. 2009 |
| Submission of Semester Attendance of Students up to 22 nd Sep 2009 | Up to 23 rd Sep 2009 |
| Mid-Term Examination 1 st Semester (2009-10 Batch) | 29 th Sep – 5 th Oct 2009 |
| Foundation Day | 19th Oct 2009 |
| Faculty Assessment by Students | 26 th & 27 th Nov. 2009 |
| SRC Meetings for 3 rd Semester students (2008-09 Batch) | 1 st – 10 th Dec. 2009 |
| Submission of Semester Attendance of Students up to 30 th Nov 2009 (2008-09 & 2009-10) | Up to 1 st Dec. 2009 |
| Submission of Mid-Term Report on Thesis Work (2008-09 Batch) 3 rd Semester | 7 th & 8 th Dec. 2009 |
| End-Semester Examination 1 st Semester (2009-10 Batch) | 7 th -18 th Dec. 2009 |
| Mid-term Presentation of Thesis Work (2008-09 Batch) {3 rd Semester} | 14 th – 18 th Dec. 2009 |
| Submission of Marks by Examiners for 1st Semester (2009-10 Batch) | Up to End of 1st Week Jan. 2010 |
| Submission of Marks by Examiners for 3rd Semester (2008-09 Batch) | Up to End of 1st Week Jan. 2010 |
| Declaration of Result (1 st , 3 rd Semester) 2008-09 & 2009-10 Batch | Up to 18 th Jan. 2010 |

January to June - 2010

| Activity | Dates |
|--|--|
| Commencement of Semester | 4 th January 2010 |
| Assignment of 2 nd Semester Masters Students to Advisors (2009-10 Batch) | 2 nd week of Jan. 2010 |
| Submission of Semester Attendance of Students up to 27 th Feb 2010 | Up to 1 st Mar. 2010 |
| Mid-Term II semester Examination (2009-10 Batch) | 8 th -15 th Mar. 2010 |
| Constitution of SRCs for 2 nd Semester Students (2009-10 Batch) | 3 rd Week of Apr. 2010 |
| Faculty Assessment by the Students | 6 th & 7 th May 2010 |
| Provisional Registration July to December 2010 | 10 th May – 24 th May 2010 |
| Submission of Semester Attendance of Students up to 8 th May 2010 | Up to 10 th May 2010 |
| End-semester Examination M.S (Pharm) 2 nd Semester (2009-10 batch) | 17 th – 28 th May 2010 |
| Submission of Marks by Examiners (End semester exam) 2009-10 Batch | up to 9 th June 2010 |
| Submission of Unbound Copy of Thesis (2008-09 batch) {4 th Semester M.S. (Pharm)} | 17 th -18 th June 2010 |
| Defence of Thesis* {4 th Semester M.S. (Pharm)} (2008-09 batch) | 21 st – 25 th June 2010 |
| Declaration of result of End-Semester Examination M.S (Pharm) 2 nd Semester (2009-10 batch) | Up to 21 st June 2010 |
| Last Date for Submission of Bound Copies of the Thesis (2008-09 batch) {4 th Semester M.S. (Pharm)} | 30 th June 2010 |
| Declaration of Results for M.S (Pharm) 4 th semester (2008-09 batch) | Up to 10 th July 2010 |
| Notification of Academic Calendar for Aug-Dec. Session (2009-10 batch) | 9 th Jul 2010 |
| Orientation of students for 2010 -11 batch | 31 st Jul 2010 |
| Commencement of Semesters of 2010-11 batch | 2 nd Aug 2010 |

Admission of Students in 2009-10

The total number of students who have been admitted to pursue M. S (Pharm.) in NIPER Hyderabad

| Department | Number of students Admitted (2009-10) | Cumulative (2008-09 & 2009-10) batch |
|-----------------------------|--|---|
| Medicinal Chemistry | 28 | 48 |
| Pharmaceutical Analysis | 15 | 27 |
| Pharmacology and Toxicology | 14 | 27 |
| Total | 57 | 102 |

Report on Examination Results during the Academic Year 2009-10

Dr B. Nagendra Babu, Assistant Professor
Controller of Examinations, NIPER – Hyderabad

LIST OF THE GOLD MEDAL AND BOOK PRIZE AWARDEES ACADEMIC YEAR 2009-10

Passed M.S (Pharm) in Final Examination, June 2010

| S. No | Student Name | Reg. No | CGPA | Discipline | Award |
|-------|-------------------------------|------------|------|---------------------------|--|
| 1. | Ms. Date Sneha Shripad | PT/2008/02 | 9.52 | Pharmacology & Toxicology | Gold Medal & Rs. 10,000/- worth Pharma Books |
| 2. | Mr. Gaikwad Vasant Shankarrao | MC/2008/17 | 9.44 | Medicinal Chemistry | Gold Medal & Rs. 10,000/- worth Pharma Books |
| 3. | Mr. N. Mallikarjun | PA/2008/02 | 9.26 | Pharmaceutical Analysis | Gold Medal & Rs. 10,000/- worth Pharma Books |
| 4. | Mr. Bidya Dhar Sahu | PT/2008/06 | 9.38 | Pharmacology & Toxicology | Rs. 10,000/- worth Pharma Books |
| 5. | Mr. Srinivasareddy Telukutla | MC/2008/06 | 9.24 | Medicinal Chemistry | Rs. 10,000/- worth Pharma Books |

Provisional result of the candidates, who have appeared M.S (pharm)

4th Semester Examination held in June, 2010

Academic year 2009-2010 (Batch, 2008-10)

Department of Medicinal Chemistry No. of Credits 12 Total No. of Credits 50

| S.No. | Name | Reg. No. | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
|-------|---------------------------|------------|--------------------|-------|---------------------------|------|
| 1 | Dhongade Hrishikesh | MC/2008/01 | 108 | 9.00 | 458 | 9.16 |
| 2 | Mahajan Satish | MC/2008/04 | 111 | 9.25 | 414 | 8.28 |
| 3 | Chetan Bhutada | MC/2008/05 | 111 | 9.25 | 395 | 7.90 |
| 4 | Srinivasareddy Telukutla | MC/2008/06 | 117 | 9.75 | 462 | 9.24 |
| 5 | Dusmant Kumar Parida | MC/2008/07 | 111 | 9.25 | 388 | 7.76 |
| 6 | Saiyed Aziz Ali | MC/2008/08 | 120 | 10.00 | 442 | 8.84 |
| 7 | Raja Ravi Kiran V | MC/2008/09 | 96 | 8.00 | 401 | 8.02 |
| 8 | Mahaveer Prasad Patodiya | MC/2008/10 | 111 | 9.25 | 451 | 9.02 |
| 9 | Ravindra Singh Rajpoot | MC/2008/11 | 96 | 8.00 | 452 | 9.04 |
| 10 | Ramji Yadav | MC/2008/12 | 105 | 8.75 | 351 | 7.02 |
| 11 | H.V.S. Sri Ramkumar Bomma | MC/2008/13 | 99 | 8.25 | 418 | 8.36 |
| 12 | Jeetendra Yadav | MC/2008/14 | 108 | 9.00 | 428 | 8.56 |
| 13 | Patel RohitBhai | MC/2008/15 | 102 | 8.50 | 438 | 8.76 |
| 14 | Shingala Shailesh | MC/2008/16 | 111 | 9.25 | 443 | 8.86 |
| 15 | Gaikwad Vasant | MC/2008/17 | 117 | 9.75 | 472 | 9.44 |
| 16 | Amit Arya | MC/2008/18 | 93 | 7.75 | 454 | 9.08 |
| 17 | Vikram Pothula | MC/2008/19 | 108 | 9.00 | 370 | 7.40 |
| 18 | Ravinder Kumar | MC/2008/20 | 120 | 10.00 | 443 | 8.86 |
| 19 | Ramkesh Meena | MC/2008/21 | 102 | 8.50 | 425 | 8.50 |
| 20 | Vijay Kumar Meena | MC/2008/22 | 99 | 8.25 | 371 | 7.42 |

*CGPA is less than 6.00; † Not qualified in one of the course

Department of Pharmaceutical Analysis

No. of Credits 12

Total No. of Credits 50

| S.No. | Name | Reg. No. | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
|-------|----------------------|------------|--------------------|-------|---------------------------|------|
| 1. | PateI Alpeshkumar | PA/2008/01 | 111 | 9.25 | 436 | 8.72 |
| 2. | N.Mallikarjun | PA/2008/02 | 120 | 10.00 | 463 | 9.26 |
| 3. | Devrukhakar Prashant | PA/2008/03 | 108 | 9.00 | 407 | 8.14 |
| 4. | Gopal Krishna Tunga | PA/2008/04 | 105 | 8.75 | 448 | 8.96 |
| 5. | Surya Prakash Jain | PA/2008/05 | 108 | 9.00 | 413 | 8.26 |
| 6. | Patil Sandeep | PA/2008/06 | 108 | 9.00 | 457 | 9.14 |
| 7. | Wani Dattatreaya | PA/2008/07 | 105 | 8.75 | 440 | 8.80 |
| 8. | Harihara Theja Dugga | PA/2008/08 | 111 | 9.25 | 452 | 9.04 |
| 9. | Gunjal Rahul | PA/2008/09 | 111 | 9.25 | 444 | 8.88 |
| 10. | Mukesh Kumar Bairwa | PA/2008/10 | 105 | 8.75 | 423 | 8.46 |
| 11. | Borkar Roshan | PA/2008/11 | 117 | 9.75 | 400 | 8.00 |
| 12. | Lalita Meena | PA/2008/12 | 108 | 9.00 | 413 | 8.26 |

*CGPA is less than 6.00; † Not qualified in one of the course

Department of Pharmacology & Toxicology

No. of Credits 12

Total No. of Credits 50

| S.No. | Name | Reg. No. | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
|-------|----------------------|------------|--------------------|-------|---------------------------|------|
| 1. | K. Prashanth Kumar | PT/2008/01 | 102 | 8.50 | 386 | 7.72 |
| 2. | Date Sneha | PT/2008/02 | 120 | 10.00 | 476 | 9.52 |
| 3. | Yogesh Kumar Bulani | PT/2008/03 | 105 | 8.75 | 441 | 8.82 |
| 4. | Gangwal Puja | PT/2008/04 | 120 | 10.00 | 432 | 8.64 |
| 5. | Abhang Manoj | PT/2008/05 | 117 | 9.75 | 434 | 8.68 |
| 6. | Bidya Dhar Sahu | PT/2008/06 | 120 | 10.00 | 469 | 9.38 |
| 7. | Anil Kumar Kota | PT/2008/07 | 120 | 10.00 | 464 | 9.28 |
| 8. | Shine Thomas T. | PT/2008/08 | 117 | 9.75 | 454 | 9.08 |
| 9. | Prachi Gupta | PT/2008/09 | 108 | 9.00 | 435 | 8.70 |
| 10. | G. Vasantha | PT/2008/10 | 120 | 10.00 | 439 | 8.78 |
| 11. | Dhadke Shyam | PT/2008/11 | 99 | 8.25 | 345 | 6.90 |
| 12. | Jitendra Kumar Meena | PT/2008/12 | Discontinued | | | |
| 13. | Sojitra Bhaveshkumar | PT/2008/13 | 108 | 9.00 | 436 | 8.72 |

*CGPA is less than 6.00; † Not qualified in one of the course

**Provisional result of the candidates, who have appeared M.S (pharm) 3rd semester
Examination held in December, 2009
Academic year 2009-2010(Batch, 2008-10)**

| Department of Medicinal Chemistry | | No. of Credits 8 | | Total No. of Credits 38 | | |
|--|---------------------------|-------------------------|--------------------|--------------------------------|---------------------------|------|
| S.No. | Name | Reg. No. | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1 | Dhongade Hrishikesh | MC/2008/01 | 75 | 9.38 | 350 | 9.21 |
| 2 | Mahajan Satish | MC/2008/04 | 80 | 10.00 | 303 | 7.97 |
| 3 | Chetan Bhutada | MC/2008/05 | 80 | 10.00 | 284 | 7.47 |
| 4 | Srinivasareddy Telukutla | MC/2008/06 | 80 | 10.00 | 345 | 9.07 |
| 5 | Dusmant Kumar Parida | MC/2008/07 | 74 | 9.25 | 277 | 7.28 |
| 6 | Saiyed Aziz Ali | MC/2008/08 | 72 | 9.00 | 322 | 8.47 |
| 7 | Raja Ravi Kiran V | MC/2008/09 | 69 | 8.63 | 305 | 8.02 |
| 8 | Mahaveer Prasad Patodiya | MC/2008/10 | 72 | 9.00 | 340 | 8.94 |
| 9 | Ravindra Singh Rajpoot | MC/2008/11 | 75 | 9.38 | 356 | 9.36 |
| 10 | Ramji Yadav | MC/2008/12 | 64 | 8.00 | 246 | 6.47 |
| 11 | H.V.S. Sri Ramkumar Bomma | MC/2008/13 | 77 | 9.63 | 319 | 8.39 |
| 12 | Jeetendra Yadav | MC/2008/14 | 77 | 9.63 | 320 | 8.42 |
| 13 | Patel RohitBhai | MC/2008/15 | 72 | 9.00 | 336 | 8.84 |
| 14 | Shingala Shailesh | MC/2008/16 | 72 | 9.00 | 332 | 8.73 |
| 15 | Gaikwad Vasant | MC/2008/17 | 72 | 9.00 | 355 | 9.34 |
| 16 | Amit Arya | MC/2008/18 | 72 | 9.00 | 361 | 9.50 |
| 17 | Vikram Pothula | MC/2008/19 | 69 | 8.63 | 262 | 6.89 |
| 18 | Ravinder Kumar | MC/2008/20 | 77 | 9.63 | 323 | 8.50 |
| 19 | Ramkesh Meena | MC/2008/21 | 77 | 9.63 | 323 | 8.50 |
| 20 | Vijay Kumar Meena | MC/2008/22 | 69 | 8.63 | 272 | 7.15 |

*CGPA is less than 6.00; † Not qualified in one of the course

| Department of Pharmaceutical Analysis | | No. of Credits 8 | | Total No. of Credits 38 | | |
|--|----------------------|-------------------------|--------------------|--------------------------------|---------------------------|------|
| S.No. | CP (Credit Points) | GPA | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1. | PateI Alpeshkumar | PA/2008/01 | 64 | 8.00 | 325 | 8.55 |
| 2. | N.Mallikarjun | PA/2008/02 | 80 | 10.00 | 343 | 9.02 |
| 3. | Devrukhakar Prashant | PA/2008/03 | 64 | 8.00 | 299 | 7.86 |
| 4. | Gopal Krishna Tunga | PA/2008/04 | 69 | 8.63 | 343 | 9.02 |
| 5. | Surya Prakash Jain | PA/2008/05 | 56 | 7.00 | 305 | 8.02 |
| 6. | Patil Sandeep | PA/2008/06 | 74 | 9.25 | 349 | 9.18 |
| 7. | Wani Dattatreaya | PA/2008/07 | 80 | 10.00 | 335 | 8.81 |
| 8. | Harihara Theja Dugga | PA/2008/08 | 80 | 10.00 | 341 | 8.97 |
| 9. | Gunjal Rahul | PA/2008/09 | 80 | 10.00 | 333 | 8.76 |
| 10. | Mukesh Kumar Bairwa | PA/2008/10 | 74 | 9.25 | 318 | 8.36 |
| 11. | Borkar Roshan | PA/2008/11 | 69 | 8.63 | 283 | 7.44 |
| 12. | Lalita Meena | PA/2008/12 | 69 | 8.63 | 305 | 8.02 |

*CGPA is less than 6.00; † Not qualified in one of the course

| Department of Pharmacology & Toxicology | | No. of Credits 8 | | Total No. of Credits 38 | | |
|--|----------------------|------------------|--------------------|-------------------------|---------------------------|------|
| S.No. | CP (Credit Points) | GPA | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1. | K. Prashanth Kumar | PT/2008/01 | 72 | 9.00 | 284 | 7.47 |
| 2. | Date Sneha | PT/2008/02 | 80 | 10.00 | 356 | 9.36 |
| 3. | Yogesh Kumar Bulani | PT/2008/03 | 71 | 8.88 | 336 | 8.84 |
| 4. | Gangwal Puja | PT/2008/04 | 72 | 9.00 | 312 | 8.21 |
| 5. | Abhang Manoj | PT/2008/05 | 74 | 9.25 | 317 | 8.34 |
| 6. | Bidya Dhar Sahu | PT/2008/06 | 77 | 9.63 | 349 | 9.18 |
| 7. | Anil Kumar Kota | PT/2008/07 | 80 | 10.00 | 344 | 9.05 |
| 8. | Shine Thomas T. | PT/2008/08 | 75 | 9.38 | 337 | 8.86 |
| 9. | Prachi Gupta | PT/2008/09 | 69 | 8.63 | 327 | 8.60 |
| 10. | G. Vasantha | PT/2008/10 | 77 | 9.63 | 319 | 8.39 |
| 11. | Dhadke Shyam | PT/2008/11 | 64 | 8.00 | 246 | 6.47 |
| 12. | Jitendra Kumar Meena | PT/2008/12 | 56 | 7.00 | 268 | 7.05 |
| 13. | Sojitra Bhaveshkumar | PT/2008/13 | 77 | 9.63 | 328 | 8.63 |

*CGPA is less than 6.00; † Not qualified in one of the course

Provisional result of the candidates, who have appeared M.S (pharm) 2nd semester examination held in May/June, 2010

Academic year 2009-2010(Batch 2009-11)

| Department of Medicinal Chemistry | | No. of Credits 14 | | Total No. of Credits 30 | | |
|--|--------------------------|-------------------|--------------------|-------------------------|---------------------------|------|
| S.No. | Name of the Student | Reg. No. | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1 | Libi Anandi Viswanathan | MC/2009/01 | 136 | 9.71 | 290 | 9.67 |
| 2 | Madishetti Shravani | MC/2009/02 | 132 | 9.43 | 289 | 9.63 |
| 3 | P. Triveni Haritha Devi | MC/2009/03 | 134 | 9.57 | 288 | 9.60 |
| 4 | Nandkishor Sharma | MC/2009/04 | 75 | 5.36 | 183 | 6.10 |
| 5 | P. Gopi Krishna | MC/2009/05 | 94 | 6.71 | 220 | 7.33 |
| 6 | Gnanagari Madhavi | MC/2009/06 | 130 | 9.29 | 281 | 9.37 |
| 7 | Yadav Upasana R | MC/2009/07 | 124 | 8.86 | 270 | 9.00 |
| 8 | Shaik Haseena | MC/2009/08 | 132 | 9.43 | 286 | 9.53 |
| 9 | P. Humani | MC/2009/09 | 128 | 9.14 | 276 | 9.20 |
| 10 | Shahbaz Eqbal | MC/2009/10 | 86 | 6.14† | 213 | 7.10 |
| 11 | Nagarsenkar Atulya Ajit | MC/2009/11 | 107 | 7.64 | 249 | 8.30 |
| 12 | Vaishnav Jagrut Kamalesh | MC/2009/12 | 115 | 8.21 | 258 | 8.60 |
| 13 | Aditya Sharma | MC/2009/13 | 96 | 6.86 | 231 | 7.70 |

| | | | | | | |
|----|--------------------------|------------|-----|-------|-----|------|
| 14 | Pankaj Sharma | MC/2009/14 | 106 | 7.57 | 242 | 8.07 |
| 15 | Priya Pandey | MC/2009/15 | 114 | 8.14 | 257 | 8.57 |
| 16 | Patel Ashish Kumar M | MC/2009/16 | 100 | 7.14 | 232 | 7.73 |
| 17 | Chourasiya Sumit Sunil | MC/2009/17 | 98 | 7.00 | 230 | 7.67 |
| 18 | Archana Yadav | MC/2009/18 | 106 | 7.57 | 240 | 8.00 |
| 19 | K.P. Siraj | MC/2009/19 | 106 | 7.57† | 237 | 7.90 |
| 20 | Ravi Kumar Kapavarapu | MC/2009/20 | 92 | 6.57 | 208 | 6.93 |
| 21 | A. Arun Kumar | MC/2009/21 | 120 | 8.57 | 242 | 8.07 |
| 22 | Anitha Pidimarthi | MC/2009/22 | 104 | 7.43 | 238 | 7.93 |
| 23 | Bolla Narasimha Rao | MC/2009/23 | 97 | 6.93 | 215 | 7.17 |
| 24 | Kamble Prakash GRao | MC/2009/24 | 82 | 5.86 | 183 | 6.10 |
| 25 | Pallavi Omkanth Dhale | MC/2009/25 | 93 | 6.64 | 224 | 7.47 |
| 26 | J. Chudasama Karmrajsinh | MC/2009/26 | 121 | 8.64 | 257 | 8.57 |
| 27 | Vinay Maloth | MC/2009/27 | 79 | 5.64* | 176 | 5.87 |
| 28 | Yemuna Denuka | MC/2009/28 | 92 | 6.57 | 210 | 7.00 |

*CGPA is less than 6.00; † Not qualified in one of the course

| Department of Pharmaceutical Analysis | | | No. of Credits 16 | Total No. of Credits 30 | | |
|---------------------------------------|------------------------|------------|--------------------|-------------------------|---------------------------|------|
| S.No. | CP (Credit Points) | GPA | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1. | Mukesh Kumar | PA/2009/01 | | | Discontinued | |
| 2. | Koteswara Rao T | PA/2009/02 | 140 | 8.75 | 270 | 9.00 |
| 3. | Patel Prashant Kumar P | PA/2009/03 | 141 | 8.81 | 275 | 9.17 |
| 4. | Vasoya Milan Mohanbhai | PA/2009/04 | 137 | 8.56 | 267 | 8.90 |
| 5. | Amit Kumar Jain | PA/2009/05 | 125 | 7.81 | 231 | 7.70 |
| 6. | Naveen Reddy K | PA/2009/06 | 123 | 7.69 | 236 | 7.87 |
| 7. | Kalariya Pradipbhai D | PA/2009/07 | 140 | 8.75 | 269 | 8.97 |
| 8. | Patel Prinesh Nanubhai | PA/2009/08 | 138 | 8.63 | 270 | 9.00 |
| 9. | Mahajan Rupali Suresh | PA/2009/09 | 139 | 8.69 | 264 | 8.80 |
| 10. | Deepak Namdev | PA/2009/10 | 135 | 8.44 | 254 | 8.47 |
| 11. | Jadav Nirav Natvarlal | PA/2009/11 | 131 | 8.19† | 249 | 8.30 |
| 12. | Anitha Kalyankar | PA/2009/12 | 143 | 8.94 | 277 | 9.23 |
| 13. | C. Rohit | PA/2009/13 | 141 | 8.81 | 264 | 8.80 |
| 14. | Bhukya Vijay Nayak | PA/2009/14 | 133 | 8.31 | 248 | 8.27 |
| 15. | K.V. Lalitha | PA/2009/15 | 92 | 5.75† | 183 | 6.10 |

*CGPA is less than 6.00; † Not qualified in one of the course

| Department of Pharmacology & Toxicology | | No. of Credits 14 | | Total No. of Credits 30 | | |
|--|-------------------------|-------------------|--------------------|-------------------------|---------------------------|------|
| S.No. | CP (Credit Points) | GPA | CP (Credit Points) | GPA | TCP (Total Credit Points) | CGPA |
| 1 | Dhommati Lalitha | PT/2009/01 | 134 | 9.57 | 281 | 9.37 |
| 2 | Gantasala Mahesh Kumar | PT/2009/02 | 131 | 9.36 | 262 | 8.73 |
| 3 | P. Venkata Ramakrishna | PT/2009/03 | 104 | 7.43 | 211 | 7.03 |
| 4 | Sruthi Gandepalli | PT/2009/04 | 135 | 9.64 | 285 | 9.50 |
| 5 | P. Raja Durai | PT/2009/05 | 122 | 8.71 | 252 | 8.40 |
| 6 | S.V.S. Guptha Mulukuri | PT/2009/06 | 129 | 9.21 | 268 | 8.93 |
| 7 | Tanmaya Kumar Bastia | PT/2009/07 | 129 | 9.21 | 260 | 8.67 |
| 8 | H. Kachhela Nisit Kumar | PT/2009/08 | 121 | 8.64 | 251 | 8.37 |
| 9 | Hillal Rajesh Dattatray | PT/2009/09 | 123 | 8.79 | 255 | 8.50 |
| 10 | Bagul Pankaj Khushal | PT/2009/10 | 122 | 8.71 | 251 | 8.37 |
| 11 | B. Divya | PT/2009/11 | 126 | 9.00 | 252 | 8.40 |
| 12 | K. Deepthi | PT/2009/12 | 106 | 7.57 | 214 | 7.13 |
| 13 | Vijay Elipay | PT/2009/13 | 103 | 7.36 | 224 | 7.47 |
| 14 | Ghanshyam Meena | PT/2009/14 | 98 | 7.00 | 205 | 6.83 |

*CGPA is less than 6.00; † Not qualified in one of the course

**Provisional result of the candidates, who have appeared M.S (pharm)
1st semester examination held in December, 2009
Academic year 2009-2010(Batch 2009-11)**

| Department of Medicinal Chemistry | | No. of Credits 16 | |
|--|--------------------------|--------------------|------|
| S. No. | Name of the student | Reg. No. | GPA |
| | | CP (Credit Points) | |
| 1 | Libi Anandi Viswanathan | MC/2009/01 | 9.63 |
| 2 | Madishetti Shravani | MC/2009/02 | 9.81 |
| 3 | P. Triveni Haritha Devi | MC/2009/03 | 9.63 |
| 4 | Nandkishor Sharma | MC/2009/04 | 6.75 |
| 5 | P. Gopi Krishna | MC/2009/05 | 7.88 |
| 6 | Gnanagari Madhavi | MC/2009/06 | 9.44 |
| 7 | Yadav Upasana R | MC/2009/07 | 9.13 |
| 8 | Shaik Haseena | MC/2009/08 | 9.63 |
| 9 | P. Humani | MC/2009/09 | 9.25 |
| 10 | Shahbaz Eqbal | MC/2009/10 | 7.94 |
| 11 | Nagarsenkar Atulya Ajit | MC/2009/11 | 8.88 |
| 12 | Vaishnav Jagrut Kamalesh | MC/2009/12 | 8.94 |
| 13 | Aditya Sharma | MC/2009/13 | 8.44 |

| | | | | |
|----|--------------------------|------------|-----|------|
| 14 | Pankaj Sharma | MC/2009/14 | 136 | 8.5 |
| 15 | Priya Pandey | MC/2009/15 | 143 | 8.94 |
| 16 | Patel Ashish Kumar M | MC/2009/16 | 132 | 8.25 |
| 17 | Chourasiya Sumit Sunil | MC/2009/17 | 132 | 8.25 |
| 18 | Archana Yadav | MC/2009/18 | 134 | 8.38 |
| 19 | K.P. Siraj | MC/2009/19 | 131 | 8.19 |
| 20 | Ravi Kumar Kapavarapu | MC/2009/20 | 116 | 7.25 |
| 21 | A. Arun Kumar | MC/2009/21 | 122 | 7.63 |
| 22 | Anitha Pidimarthi | MC/2009/22 | 134 | 8.38 |
| 23 | Bolla Narasimha Rao | MC/2009/23 | 118 | 7.38 |
| 24 | Kamble Prakash GRao | MC/2009/24 | 101 | 6.31 |
| 25 | Pallavi Omkanth Dhale | MC/2009/25 | 131 | 8.19 |
| 26 | J. Chudasama Karmrajsinh | MC/2009/26 | 136 | 8.50 |
| 27 | Vinay Maloth | MC/2009/27 | 97 | 6.06 |
| 28 | Yemuna Denuka | MC/2009/28 | 118 | 7.38 |

* Not qualified in one of the course; †GPA is less than 6.00

| Department of Pharmaceutical Analysis | | | No. of Credits 16 | |
|---------------------------------------|------------------------|------------|-----------------------|-------|
| S. No. | CP (Credit Points) | GPA | CP (Credit Points) | GPA |
| 1. | Mukesh Kumar | PA/2009/01 | Discontinued | |
| 2. | Koteswara Rao T | PA/2009/02 | 130 | 9.29 |
| 3. | Patel Prashant Kumar P | PA/2009/03 | 134 | 9.57 |
| 4. | Vasoya Milan Mohanbhai | PA/2009/04 | 130 | 9.29 |
| 5. | Amit Kumar Jain | PA/2009/05 | 106 | 7.57 |
| 6. | Naveen Reddy K | PA/2009/06 | 113 | 8.07 |
| 7. | Kalariya Pradipbhai D | PA/2009/07 | 129 | 9.21 |
| 8. | Patel Prinesh Nanubhai | PA/2009/08 | 132 | 9.43 |
| 9. | Mahajan Rupali Suresh | PA/2009/09 | 125 | 8.93 |
| 10. | Deepak Namdev | PA/2009/10 | 119 | 8.50 |
| 11. | Jadav Nirav Natvarlal | PA/2009/11 | 118 | 8.43* |
| 12. | Anitha Kalyankar | PA/2009/12 | 134 | 9.57* |
| 13. | C. Rohit | PA/2009/13 | 123 | 8.79 |
| 14. | Bhukya Vijay Nayak | PA/2009/14 | 115 | 8.21* |
| 15. | K.V. Lalitha | PA/2009/15 | 91 | 6.50 |

* Not qualified in one of the course; †GPA is less than 6.00

Department of Pharmacology & Toxicology

| S. No. | CP (Credit Points) | GPA | No. of Credits 14 | |
|--------|-------------------------|------------|-----------------------|------|
| | | | CP (Credit Points) | GPA |
| 1 | Dhommati Lalitha | PT/2009/01 | 147 | 9.19 |
| 2 | Gantasala Mahesh Kumar | PT/2009/02 | 131 | 8.19 |
| 3 | P. Venkata Ramakrishna | PT/2009/03 | 107 | 6.69 |
| 4 | Sruthi Gandepalli | PT/2009/04 | 150 | 9.38 |
| 5 | P. Raja Durai | PT/2009/05 | 130 | 8.13 |
| 6 | S.V.S. Guptha Mulukuri | PT/2009/06 | 139 | 8.69 |
| 7 | Tanmaya Kumar Bastia | PT/2009/07 | 131 | 8.19 |
| 8 | H. Kachhela Nisit Kumar | PT/2009/08 | 130 | 8.13 |
| 9 | Hillal Rajesh Dattatray | PT/2009/09 | 132 | 8.25 |
| 10 | Bagul Pankaj Khushal | PT/2009/10 | 129 | 8.06 |
| 11 | B. Divya | PT/2009/11 | 126 | 7.88 |
| 12 | K. Deepthi | PT/2009/12 | 108 | 6.75 |
| 13 | Vijay Elipay | PT/2009/13 | 121 | 7.56 |
| 14 | Ghanshyam Meena | PT/2009/14 | 107 | 6.69 |

* Not qualified in one of the course; †GPA is less than 6.00

List of 2008-10 Batch Students along with Research Projects Titles

Pharmaceutical Analysis

| Name | Project Title |
|---|---|
| PateI Alpeshkumar Rasiklal (PA/2008/01) | Development and Validation of Bioanalytical method for simultaneous estimation of Sitagliptin and Irbesartan in rat plasma with LC-MS/MS technique to carry out pharmacokinetic drug interactions study |
| N. Mallikarjun (PA/2008/02) | Analytical/Bioanalytical method development & Validation of selected drug combination and its pharmacokinetic application |
| Devrukhakar Prashant Shyambhai (PA/2008/03) | Chemo metric assisted Stability Indicating Assay Method Development and Validation for combination of Antiviral drugs by HPLC and HPTLC |
| Gopal Krishna Tunga (PA/2008/04) | <ol style="list-style-type: none">1. Development of simple, sensitive and rapid LC-MS/MS method for the quantization of various fixed dose combinations of drugs in rat plasma and its application to pharmacokinetic studies.2. Development of a Validated Stability Indicating HPLC Method for various fixed dose combinations |
| Surya Prakash Jain (PA/2008/05) | Bioanalytical Method Development and Validation using LC-MS/MS |
| Patil Sandeep Ashok (PA/2008/06) | Bioanalytical method development & Validation using LC-MS/MS technique |
| Wani Dattatreaya vitthal (PA/2008/07) | Development and Validation of a Bioanalytical method for simultaneous determination of Lercanidipine Hcl & Atenolol in rat plasma by LC & LC-MS/MS & Application to pharmacokinetic study in rats |
| Harihara Theja Dugga (PA/2008/08) | Analytical/Bioanalytical method development & Validation of selected drug combination and its pharmacokinetic application |
| Gunjal Rahul Prakash (PA/2008/09) | Analytical/Bioanalytical method development and validation of selected drug combinations and its application to pharmacokinetic studies |
| Mukesh Kumar Bairwa (PA/2008/10) | Analytical and Bioanalytical method development and validation by using Using HPLC, LC-MS/MS & UV-Visible Spectrophotometry & Application of developed method to Pharmacokinetic study |
| Borkar Roshan Murlidhar (PA/2008/11) | Drug-Drug and Drug-Excipient Compatibility Studies between the possible components of Polypill and Development of validated stability indicating HPLC Method of established Polypill |
| Lalita Meena (PA/2008/12) | Bioanalytical method development and Validation for the simultaneous determination of a fixed dose combination (Metformin hydrochloride and Sitagliptin phosphate) by LC-MS/MS |

Pharmacology & Toxicology

| Name | Project Title |
|--|--|
| K. Prashanth Kumar (PT/2008/01) | Evaluation of suitable type –II Diabetes model to investigate diabetic kidney disease potential therapeutic intervention. |
| Date Sneha Shripad (PT/2008/02) | To study efficacy of corosolic acid, a constituent of <i>V. leucoxylon</i> in treatment of AIA in rats |
| Yogesh Kumar Bulani (PT/2008/03) | Role of SGLT, in Adriamycin induced cardiomyopathy in mice |
| Gangwal Puja Vijay (PT/2008/04) | Randomised clinical trial of pentoxifylline & prednisolone in patients with severe alcoholic hepatitis. |
| Abhang Manoj Ramnath (PT/2008/05) | 1) Toxicological testing of polygum obtained from <i>Salmaia malabarica</i> . 2) Comparative & evaluative study of antidiabetic potential of Iptakalim sulfonylurea |
| Bidya Dhar Sahu (PT/2008/06) | Effect of atorvastatin alone and in combination with curcumin/berberine in metabolic abnormalities in type2diabetic rats. |
| Anil Kumar Kota (PT/2008/07) | Screening of new hybrid molecules for anti-cancer activity and evaluation of their mechanism of action. |
| Shine Thomas T. (PT/2008/08) | Screening of natural product analogs as NFkB inhibitors using various <i>invitro</i> & <i>invivo</i> methods. |
| Prachi Gupta (PT/2008/09) | Role of SGLT1 in isoproterenol induced myocardial infarction in mice. |
| G. Vasantha (PT/2008/10) | Invitro screening of PIPLARTINE analogues for anticancer activity. |
| Dhadke Shyam Bhagwan (PT/2008/11) | Functional association of NF-KappaB-Aldose reductase-P glycoprotein expression in Drug resistant cell line. |
| Jitendra Kumar Meena (PT/2008/12) | To assess the effectiveness of L-ornithine-L-Aspartate in the management of hepatic encephalopathy in CLF patient. |
| Sojitra Bhaveshkumar Vaghjibhai (PT/2008/13) | Understanding the molecular basis of hydrogen sulphide (H ₂ S) in cardio protection in mouse model. |

Medicinal Chemistry

| Name | Project Title |
|---|--|
| Dhongade Hrishikesh Pandurang (MC/2008/01) | Synthesis and Pharmacological Evaluation of Novel Analogues of Antimycin A |
| Mahajan Satish SuryakantRao Shobha (MC/2008/02) | Synthesis and Pharmacological Evaluation of Some Novel Anti-inflammatory Agents |
| Chetan Jaiprakash Bhutada (MC/2008/03) | Design of circulation stable Pegylated RGDK-lipopeptides for use in therapeutic RNA interference |
| Srinivasa Reddy Telukutla (MC/2008/04) | Design, Synthesis and Screening of 4â-benzimidazolo substituted derivatives of Podophyllotoxin |
| Dusmant Kumar Parida (MC/2008/05) | Synthesis and evaluation of tetrazole containing compounds as anti-fungal agents. |
| Saiyed Aziz Ali (MC/2008/06) | Novel synthesis and evaluation of tetrahydroxanthone derivative as antibacterial, antiviral and antifungal agents |
| Raja Ravi Kiran V. (MC/2008/07) | design,synthesis and evaluation of 11â hydroxy steroid inhibitors as a diabetic target |
| Mahaveer Prasad Patodiya (MC/2008/08) | Synthesis and biological evaluation of phenyl á- Keto amide as P ³⁸ Kinase inhibitors |
| Ravindra Singh Rajpoot (MC/2008/09) | Design & Synthesis of novel small inhibitors having anti-prion activity |
| Ramji Yadav (MC/2008/10) | Fragment based synthesis towards DPP-4 Inhibitors (Anti Diabetics) using Click Chemistry |
| H.V.S. Sri Ramkumar Bomma (MC/2008/111) | Synthesis of chiral tetrahydrofurans&pyrans and their evaluation for PDE4 inhibitor activity in treatment of asthma |
| Jeetendra Yadav (MC/2008/12) | Design, synthesis and evaluation of DNA interactive polycyclic Pyrrolo-quinolinodiazepines and fused Quinazolinones |
| Patel RohitBhai Bhailalbhai (MC/2008/13) | Synthesis of analogues of stagonolide A for better potential activities. |
| Shingala Shailesh Devasibhai (MC/2008/14) | Isolation of newer bio active molecule from <i>piper chaba</i> root,checking their biological activity andfurther synthesis of active analogue |
| Gaikwad Vasant Shankarrao (MC/2008/15) | Synthesis of Celecoxib Analogue As anti-inflmmatory Agents |
| Amit Arya (MC/2008/16) | Synthesis and pharmacological evaluation of novel analogues of Antimycin A |
| Vikram Pothula (MC/2008/17) | Synthesis of Rugulactone Analogues and Screening their Activity |
| Ravinder Kumar (MC/2008/18) | Synthesis and bioevaluation of Novel Aurora Kinases Inhibitors as Anticancer agents |
| Ramkesh Meena (MC/2008/19) | To optimize and evaluate the sigma receptor targeting gene delivery system in melanoma |
| Vijay Kumar Meena (MC/2008/20) | synthesis of fluorescent saccharide sensors as potentia tool for the diagnosis of diabetic condition |

Placements Status for 2nd Batch Students (2008 – 2010)

Apart from imparting quality education to the students as a primary objective NIPER Hyderabad also envisage in setting arrangements to place the students in different pharmaceutical industries by organizing campus recruitments. Placement cell has been constituted under the leadership of the Project Director which includes a Placement Cell Coordinator and other senior faculty members. Prior to campus recruitment the students will be trained for personality development to reinforce their confidence and create them as future professionals with positive attitude and make them to excel in the given opportunity.

Placement cell of NIPER Hyderabad also boasts about the efforts it invests in creating the placement opportunity. Many students of the previous batch (2007-09) have been placed in numerous pharmaceutical industries including Perrigo, Novartis, Suven, DataMonitor, Biocon, Pharmaexil, etc, with attractive packages. Some students have been selected in IICT Hyderabad as project assistants who are likely to pursue Ph. D program.

Students selected for Ph.D (2008-10 Batch):

| S.No | Name Of the Student | Discipline | Name of the Place |
|------|--------------------------------|-------------------------|-------------------|
| 1. | N. Mallikarjun | Pharmaceutical Analysis | NIPER – Mohali |
| 2. | Devrukhakar Prashant Shyambhai | Pharmaceutical Analysis | IIM - Kozhikode |

Students Selected for Industries (2008-10 Batch):

| S.No | Name of the Student | Department | Name of the Company |
|------|-------------------------------|---------------------------|---------------------|
| 1. | Hrishikesh Pandurang Dhongade | Medicinal Chemistry | NOVARTIS, Hyderabad |
| 2. | Mahajan Satish Suryakant Rao | Medicinal Chemistry | NOVARTIS, Hyderabad |
| 3. | Chetan Jaiprakash Bhutada | Medicinal Chemistry | NOVARTIS, Hyderabad |
| 4. | Sneha Shripad Date | Pharmacology & Toxicology | NOVARTIS, Hyderabad |
| 5. | Prachi Gupta | Pharmacology & Toxicology | NOVARTIS, Hyderabad |
| 6. | Patil Sandeep Ashok | Pharmaceutical Analysis | AMRI, Hyderabad |
| 7. | Dattatray Wani | Pharmaceutical Analysis | AMRI, Hyderabad |
| 8. | Gopal Krishna Tunga | Pharmaceutical Analysis | SAPL, Hyderabad |
| 9. | Mukesh Kumar Bairwa | Pharmaceutical Analysis | SAPL, Pune |
| 10. | Shine Thomas T. | Pharmacology & Toxicology | DMV, Hyderabad |
| 11. | Surya Prakash Jain | Pharmaceutical Analysis | DMV, Hyderabad |
| 12. | Yogesh Kumar Bulani | Pharmacology & Toxicology | DMV, Hyderabad |
| 13. | Anil Kumar K. | Pharmacology & Toxicology | DMV, Hyderabad |
| 14. | Vasantha G. | Pharmacology & Toxicology | DMV, Hyderabad |
| 15. | Manoj R Abhang | Pharmacology & Toxicology | DMV, Hyderabad |
| 16. | Puja Vijay Gangwal | Pharmacology & Toxicology | DMV, Hyderabad |
| 17. | Ravindra Singh Rajpoot | Medicinal Chemistry | DMV, Hyderabad |
| 18. | Vasant S. Gaikwad | Medicinal Chemistry | DMV, Hyderabad |

Students Welfare Activity

Student's welfare officer was appointed as per the recommendation of Project Director. Regular meetings were scheduled to attend/solve student problems and grievances. One of the major accomplishments was successful transfer of NIPER managed mess to students managed mess. The students formed their own mess management committee to look after the administrative and financial requirements for independent functioning of the mess with the help of SWO. Counselling was provided to the students concerned when there was a case of squabbling was reported. The many activities like sports meet, debate, farewell party, were organized under the umbrella of welfare activities. Steps were initiated to start a student welfare fund.

Further activities scheduled are installation of WiFi connection to students at the hostel, improving the accommodation facility at the hostel, organizing intercollegiate student festival.

Invited lecturers during the year 2009-10

Eminent Scientists and Professors from Industries, Research Laboratories and Academic Institutes visited NIPER Hyderabad and delivered Extension Lectures during August, 2009 to March, 2010.

| Date | Name of Invited Lectures and Titles |
|----------|---|
| 24.08.09 | Dr Pratipal Singh , Professor, NIPER – Mohali – Delivered lecture on “Genomics & Anti – Malarial Drug Discovery” |
| 17.09.09 | Dr R Srinivas , Scientist, IICT – Delivered lecture on “Mass Spectrometer” |
| 29.10.09 | Dr Hameed Khan , Sr.Scientist, SRA/Constela International, USA Consultant, (NIH) – Delivered lecture on “Related to Drug Discovery of Anti Cancer Agents.” |
| 24.11.09 | Prof. Saranjit Singh , NIPER – Mohali – Delivered lecture on “Research & Development in Pharmacy” |
| 1.12.09 | Prof. PSN Reddy – Delivered lecture on “Logic in Organic Synthesis”. |
| 3.12.09 | Dr Jagdeesh , Scientist, IICT – Delivered lecture on “NMR Spectroscopy” |
| 4.12.09 | Dr Andreas Klamt , CEO & Founder, Cosmologic GmbH, Germany – Delivered lecture on “Como – RS Theory & Its application in pharmaceutical sciences. |
| 19.12.09 | Harneedi.com Team – Delivered lecture on “Career Counselling & Current needs in industry” |
| 21.12.09 | Dr M A Majid , USA – Delivered lecture on “Sampling Techniques in Drug Analysis” |
| 12.01.10 | Prof. Sridhar Acharyulu , NALSAR University – Delivered lecture on “Research Methodologies in IPR” |
| 13.01.10 | Dr Krishna R Devarakonda , Former Professor of Pharmacology, Kakatiya University – Delivered lecture on “Telomerase – A New Marker & Target in Cancer and Aging” |
| 8.02.10 | Prof. Prasad V Bharatam , NIPER – Mohali – Delivered lecture on “Computational methods in Drug Design disposition and development” |
| 5.03.10 | Prof. Jean Daniel Brion , Professor of Pharmacy, Paris, France – Delivered lecture on “Old drugs – New applications” |
| 6.03.10 | Prof. Prasad V Bharatam , NIPER – Mohali – Delivered lecture on “CADD and Synthesis of Anti – Diabetic drugs” |

Seminars/Events Conducted in NIPER Hyderabad During the Academic Year 2009-10

| S. No | Name of the seminar | Date |
|-------|--|--|
| 1. | Foundation Day Celebrations of NIPER – Hyderabad. <ul style="list-style-type: none"> • Website Launching • Annual Report (2008-09) Release • Gold Medals presentation to meritorious students. | 10 th Nov, 2009 |
| 2. | Workshop on “Yoga” has been conducted for 1 st and 3 rd semester students by Dr Praveen Kapadia, Gandhi Gyan Mandir, Hyderabad | 17 th Nov, 2009 |
| 3. | 4 th CRSI – RSC Symposium (UK – INDIA) has been organized | 4 th Feb, 2010 |
| 4. | Summer Workshop on CAD3 – 2010 | April 30 th – May 2 nd 2010 |
| 5. | 1 st Convocation for 2009 & 2010 batch students | July 29 th 2010 |
| 6. | NIPER – Hyd 1 st Annual Lecture | August 4 th 2010 |

Students and Staff Participation in Conferences and Seminars

Students and Faculty of NIPER Hyderabad participated in Conferences and Seminars held at various places in India.

| S. No | Name of the Conference or Seminar and Venue | Date | Participants |
|-------|---|-------------------------|--|
| 01 | UDCT Symposium, Mumbai | 11.01.10 to 13.01.10 | Students & Faculty (2 nd sem.) |
| 02 | YICC – YRC 2010, ICT, Mumbai | 11.01.10 to 14.01.10 | Students (2 nd sem.) |
| 03 | Bio – Asia Symposium, Hyderabad | 04.02.10 to 07.02.10 | Students (2 nd sem.) |
| 04 | 4 th CRSI – RSC National Symposium in Chemistry, NIPER-Hyderabad | 04.02.10 | Faculty & Students |
| 05 | 12 th CRSI National Symposium in Chemistry, IICT, Hyderabad | 05.02.10 to 07.02.10 | Faculty & students |
| 06 | CTTDR-2010, 4 th International Symposium, Lucknow | 17.02.10 to 21.02.10 | Faculty & Students |
| 07 | DMPK Symposium, NIPER-Mohali | 26.02.10 to 28.02.10 | Faculty |
| 08 | International Seminar on “Recent Developments in Pharmacological Research”, University of Pune, Pune. | 03.03.10 to 05.03.10 | Students |

Scientific and Technical Staff Academic Year 2009-10

| Name | Designation |
|-----------------------|-----------------------------------|
| Dr. J. S. Yadav | Director (IICT), Mentor Institute |
| Dr. Ahmed Kamal | Project Director |
| Prof.N. Satyanarayana | Registrar |
| Dr. Mohd. Arifuddin | Lab Facilitation Manager |

Medicinal Chemistry

| | |
|-----------------------|---------------------|
| Dr. Kolupula Srinivas | Course Coordinator |
| Prof. V Peesapati | Professor |
| Dr. B. Nagendra Babu | Assistant Professor |
| Dr. N Shankaraiah | Assistant Professor |
| Dr. A. Krishnam Raju | Assistant Professor |

Pharmaceutical Analysis

| | |
|---------------------------------|---------------------|
| Dr. R Srinivas, Scientist, IICT | Course Coordinator |
| Dr. M.V.N. Kumar Talluri | Assistant Professor |
| Mr. S. Gananatham | Lecturer |
| Prof. Nalini Shastry | Associate Professor |

Pharmacology and Toxicology

| | |
|-------------------------------------|--------------------|
| Dr. S. Ramakrishna, Scientist, IICT | Course Coordinator |
| Mr. T. Venu | Lecturer |

List of Guest Faculty 2009-10

The list of guest faculty who has helped NIPER Hyderabad conducting regular theory classes shared their experience and knowledge with the students. (and completed the prescribed syllabus within the stipulated time)

| No | Name of Faculty | Affiliation |
|----|--|---|
| 01 | Dr. Amit Khanna | Novartis, Hyderabad |
| 02 | Prof. V. Lakshmipathi (Retd. Professor) | Kakatiya University, Waranagal |
| 03 | Mrs. K Anupama | Sultan Uloom College of Pharmacy, Hyderabad |
| 04 | Dr. A K S Bhujanga Rao | Natco Pharmaceuticals, Hyderabad |
| 05 | Dr. T Prasanna Krishna (Retd. Scientist) | NIN, Hyderabad |
| 06 | Dr Radha Rangarajan | Dr Reddy's Laboratories Ltd, Hyderabad |
| 07 | Dr P Aravinda Babu | Consultant to Pharma industry in Clinical Research and Medico Marketing |
| 08 | Prof. Sridhar Acharyulu | NALSAR University, Hyderabad |
| 09 | Dr Sanjay Banerjee | IICT, Hyderabad |
| 10 | Dr Y S K Swamy | IICT, Hyderabad |
| 11 | Dr V G M Naidu | IICT, Hyderabad |
| 12 | Mrs. D Sandhya | Ex-Faculty Member |

Administrative Staff

| S.No | Name | Designation |
|------|-------------------------|----------------------------|
| 1 | K. R. Sarma | Co-ordinator (Admin) |
| 2 | Mr K. Venugopal Rao | Resident Hostel Manager |
| 3 | Mrs Sujatha Rao Srigiri | Administrative Officer |
| 4 | Mrs. M. Swapna Devi | Secretarial Assistant |
| 5 | Mr. M. Monohara | Assistant (Admin) |
| 6 | Mr. Rajesh Kumar Jha | Assistant (Admin) |
| 7 | Mr. D. Krishna Kishore | Project Assistant |
| 8 | Mr. M. Prathapa Reddy | Project Assistant |
| 9 | Mr. Rajesh K. K Nayak | Project Assistant |
| 10 | Mr. Y. Narsaiah | Project Assistant |
| 11 | Mrs. V. Sai Vishali | Office Assistant Acad/Exam |
| 12 | Ms. A. Anupa | Office Assistant Admin |
| 13 | Mrs. Padmshree Patel | Project Assistant |
| 14 | Ms. U. Jayalaskhmi | Project Assistant |
| 15 | Mr. G. Chandrakanth | Project Assistant |
| 16 | Mr. G. Venkateswarlu | System Administrator |
| 17 | Mr. D. Subramanyam | Project Assistant |
| 18 | Mr. T. Praveen | Stores & Purchase |
| 19 | Mr. Ch. Balraj | Lab Attender |
| 20 | Mr. P. Raj Kumar | Lab Attender |
| 21 | Mr. S. Vireeshlingam | Lab Attender |

Scientific and Technical Staff Phone & E-mail ID's

| S.No | Name | Designation | Mobile | e-mail |
|------|-----------------------|-------------------------|------------|--------------------------------|
| 1 | Dr Ahmed Kamal | Project Director | 9440802784 | projectdirector@niperhyd.ac.in |
| 2 | Prof N. Satyanarayana | Registrar | 9866045737 | registrar@niperhyd.ac.in |
| 3 | Dr R. Srinivas | Course Coordinator (PA) | 9866652916 | srini@niperhyd.ac.in |
| 4 | Dr S. Ramakrishna | Course Coordinator (PT) | 9849109339 | sistla@niperhyd.ac.in |

FACULTY

| | | | | |
|----|-------------------------|--------------------------|------------|---------------------------|
| 6 | Dr Gananadhamu S | Assistant Professor (PA) | 9866906386 | gana@niperhyd.ac.in |
| 7 | Dr Krishnam Raju A | Assistant Professor (MC) | 9849145743 | raju@niperhyd.ac.in |
| 8 | Dr Kumar Talluri M.V.N. | Lecturer (PA) | 9652348461 | narendra@niperhyd.ac.in |
| 9 | Dr Nagendra Babu B | Assistant Professor (MC) | 9052328050 | bathini@niperhyd.ac.in |
| 10 | Prof Nalini Shastri | Associate Professor (PA) | 8125849395 | nalini@niperhyd.ac.in |
| 11 | Mr Naveen Ch | Lecturer(PE) | 8978229993 | naveen@niperhyd.ac.in |
| 12 | Prof Peesapati V | Professor (MC) | 9391014579 | peesapati@niperhyd.ac.in |
| 13 | Mr Satheesh Kumar N | Lecturer (PA) | 9652766320 | satish@niperhyd.ac.in |
| 14 | Dr Shankaraiah N | Assistant Professor (MC) | 9177597879 | shankar@niperhyd.ac.in |
| 15 | Dr Srinivas K | Asst. Professor (MC) | 9177846399 | srinivas@niperhyd.ac.in |
| 16 | Mr Sunil J. Tripathi | Lecturer (PT) | 8878047379 | sunil@niperhyd.ac.in |
| 17 | Mrs Sunitha S | Lecturer (PE) | 9866078442 | sunitha.s@niperhyd.ac.in |
| 18 | Mr Venu T | Lecturer (PT) | 9885421762 | venu@niperhyd.ac.in |
| 19 | Prof Vidya Sagar J.V. | Associate Professor(PT) | 9666226633 | vidyasagar@niperhyd.ac.in |

ADJUNCT FACULTY

| | | | | |
|----|-------------------------|--|------------|------------------------------|
| 19 | Dr T. Prasanna Krishna | Retd. Scientist, NIN, Hyderabad | 9441813100 | tpkrishna@hotmail.com |
| 20 | Dr R. Radha Rangarajan | Dr. Reddy's Labs, Hyderabad | 9000544926 | radhar@stanfordalumni.org |
| 21 | Dr. Sanjay K. Banerjee | IICT, Hyderabad | 9030140642 | skbanerjee@iict.res.in |
| 22 | Prof. Sridhar Acharyulu | NALSAR University, Hyd. | 9490412108 | madabhushi.sridhar@gmail.com |
| 23 | Dr. A.K.S.Bhujanga Rao | Natco Pharma, Hyderabad | 9848071323 | nrc@natcopharma.co.in |
| 24 | Prof. V. Laxmipathi | Retd.Professor, Kakatiya University | 9866574751 | vadlakonda@yahoo.com |

ADMINISTERIAL STAFF

| | | | | |
|----|--------------------|----------------------------|------------|-------------------------|
| 25 | Shri M.S.N. Murthy | Administrative Officer | 9701005604 | murthy@niperhyd.ac.in |
| 26 | Ms Anupa A | Office Assistant (Admn.) | 9848350628 | anupa@niperhyd.ac.in |
| 27 | Mrs Kalpana A | Assistant (Admn), S & P | 9676207521 | kalpana@niperhyd.ac.in |
| 28 | Mr Monohara M | Assistant (Admin) | 9493979623 | monohara@niperhyd.ac.in |
| 29 | Mr Praveen T | Stores & Purchase Incharge | 9290672335 | praveen@niperhyd.ac.in |

| S.No | Name | Designation | Mobile | e-mail |
|------|-------------------------|-----------------------------|------------|--------------------------|
| 30 | Mrs Radhika B | Hostel Women Care Taker | 9704114511 | radhika@niperhyd.ac.in |
| 31 | Mr Rajesh Kumar Jha | Assistant (Admin) | 8897299878 | rajeshjha@niperhyd.ac.in |
| 32 | Mrs Ramadevi P | Assistant (Admn) | 9491340949 | ramadevi@niperhyd.ac.in |
| 33 | Mrs Sai Vishali V | Office Assistant (Academic) | 9177297509 | vishali@niperhyd.ac.in |
| 34 | Mrs Sujatha Rao Srigiri | Office Assistant (Admn.) | 9440662356 | sujatha@niperhyd.ac.in |
| 35 | Mrs Sunitha T | Assistant (Admn), Accounts | 9849792700 | sunitha@niperhyd.ac.in |
| 36 | Mrs Swapna Devi M | Secretarial Assistant | 9490931082 | swapna@niperhyd.ac.in |
| 37 | Mr Venugopal Rao K | Maintenance & Security Asst | 9391019045 | venugopal@niperhyd.ac.in |

TECHNICAL STAFF

| | | | | |
|----|--------------------------|-----------------------------|------------|-----------------------------|
| 38 | Dr Md. Arifuddin | Laboratory Facilitation Mgr | 9347506600 | arif@niperhyd.ac.in |
| 39 | Mr Balaraj Ch | Lab Attender (Stores) | 9030947521 | |
| 40 | Mr Chandrakanth G | Project Assistant | 9440327322 | chandrakanth@niperhyd.ac.in |
| 41 | Mrs Jayalakshmi U | Project Assistant (PT) | 9989143590 | jayalakshmi@niperhyd.ac.in |
| 42 | Ms Kavitha D | Laboratory Assistant (PT) | 9704148695 | kavitha@niperhyd.ac.in |
| 43 | Mr Krishna Kishore D | Project Assistant (PT) | 9966548425 | kishore@niperhyd.ac.in |
| 44 | Mr Moizudin MD | Electrical Attendant | 9700350140 | moiz0406@gmail.com |
| 45 | Mr Narsaiah Y | Project Assistant (Library) | 9966512159 | narsaiah@niperhyd.ac.in |
| 46 | Mr Nataraj N | Laboratory Assistant (PE) | 9948445424 | nataraj@niperhyd.ac.in |
| 47 | Mrs Padmshree Patel | Project Assistant (PA) | 9492060541 | padmshree@niperhyd.ac.in |
| 48 | Mr Prabhakar Singh Yadav | Machine Operator | 9966551892 | prabhakar@niperhyd.ac.in |
| 49 | Mr Prathapa Reddy M | Project Assistant (MC) | 9885882493 | pratapreddy@niperhyd.ac.in |
| 50 | Mr Raj Kumar P | Lab Attender (PA) | 9000525447 | |
| 51 | Mr Sai Vittal P | Computer Programmer | 9949498310 | vital@niperhyd.ac.in |
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| 53 | Mr Syed Mudabbir Feroze | Laboratory Assistant (MC) | 9866422936 | feroze@niperhyd.ac.in |
| 54 | Mr Veereshlingam | Lab Attender (PT) | 9885310992 | |
| 55 | Mr Venkateswarlu G | System Administrator | 9010309797 | venki@niperhyd.ac.in |

**During the period from 4th August to 2nd September,
the following faculty members have joined**

| S.No | Name of the Faculty | Designation | Date of Joining |
|-------------|----------------------------|---------------------------|------------------------------|
| 1 | Dr Md. Arrifuddin | Lab. Facilitation Manager | 4 th August,09 |
| 2 | Dr M. V. N. Kumar Talluri | Lecturer (PA) | 5 th August,09 |
| 3 | Dr N. Shankaraiah | Assistant Professor (MC) | 5 th August,09 |
| * 4 | K. Venugopal Rao | Resident Hostel Manager | 5 th August,09 |
| 5 | Ms D. Sandhya | Lecturer (PT) | 11 th August,09 |
| * 6 | Mrs Sujatha Rao Srigiri | Administrative Officer | 11 th August,09 |
| * 7 | Mr S. Vijaya Krishna | Assistant (Admin) | 13 th August, 09 |
| 8 | Dr A. Krishnam Raju | Assistant Professor (MC) | 17 th August, 09 |
| 9 | Mr S. Gananadhamu | Assistant Professor (PA) | 28 th August, 09 |
| 10 | Mr T. Venu | Lecturer (PT) | 2 nd September,09 |
| 11 | Prof. Satyanarayana | Registrar | 7 th September,09 |

- Note: 1. Mr. Manoj Dandekar regretted to join as Assistant Professor.
 2. Mr T. Venu, who was in the waiting list, has joined NIPER on 02.09.09.
 3. Dr Sujatha Swaminadan who was selected as Assistant Professor informed NIPER (H) that she would be able to join in March, 2010.

Research Activities

(a) Medicinal Chemistry

Protein kinases catalyze the transfer of phosphate of ATP to specific hydroxyl group of serine, threonine, or tyrosine residue of cellular substrates including transcription factors, enzymes, etc. The human genomic study reveals that ~2% of total genome constitutes for protein kinases, further sequencing the genome has at least 518 distinct kinases and have been grouped in to ~20 families. The process of phosphorylation is normal in physiological condition however under the pathological conditions the protein kinases can be down regulated, leading to alterations in the phosphorylation and resulting in uncontrolled cell division, inhibition of apoptosis and other abnormalities leading to disease. A number of diseases including diabetes, inflammation, and cancer have been linked to unregulated protein kinase mediated signaling pathways.

The use of small-molecule inhibitors of protein function is one of the most efficient ways to treat human disease including malignancy. Kinases have become important molecular targets in cancer therapy and other diseases and they are considered as attractive targets for drug discovery next to G protein coupled receptors. The existing drug molecules such as Gleevec, Iressa and Tarceva have demonstrated prolific effects in controlling cancer with maximum safety. Kinases such as Abl, EGFR, VEGFR, PDGF, Src, B-raf, Aurora, etc, have become attractive targets for medicinal chemists in the discovery of novel drug molecules in cancer treatment. Most of the kinase inhibitors interact with kinase at the conserved ATP binding region (ATP competitive kinase inhibitors). This structural conservation in particular kinases is grouped into families which share similar structural features and folding and is often responsible for the untoward effect which may be due to cross interactions leading to fatalities.

Promiscuous inhibitors are those which suffer with side effects. An anticancer drug imatinib (**STI571**) with activity profile against five kinases (Abl, C-Kit, Lck, PDGFR, and CSFIR) has been found to exhibit potential cardiac toxicity. Similar kind of cardiovascular toxicities have been demonstrated by promiscuous kinase inhibitors such as **SU11248** and Sorafenib (**Bay 43-9006**). The new kinase inhibitors may potentially enable the selective regulation of specific protein kinase associated with a particular disease but without affecting other protein kinase involved in normal physiology.

Various analogues containing urea group have been synthesized and evaluated for p38 kinase inhibitory activity. Some of the inhibitors have also exhibited potent *in vivo* anti-inflammatory activity. Molecular docking studies of urea derivatives have indicated similar binding interaction profile as depicted by the clinical candidate possessing p38 kinase inhibitory activity. The urea derivatives have been further modified to keto amides and the activities are awaited.

The common strategy of anticancer drug discovery has been to unravel the biological pathway by which an effective anticancer agent modulates and use this knowledge in the mechanism based drug discovery program. This has been achieved both through the natural product screening and chemical synthesis. The development of new therapeutic agents, as well as the identification of molecular probes for the study of the chemical/biological interfaces, is one of the major goals in biomedical research. In this context, the availability of large libraries of small organic molecules, covering as much chemical space as possible, is seen as the only means which guarantees potential modulation of the many biological targets that are ultimately being unveiled by genomics.

The renewed interest on podophyllotoxin as an anticancer drug started in 1950s and much work has been done by Sandoz Laboratories Basel, Switzerland. Three semisynthetic derivatives of

podophyllotoxin, etoposide (VP-16), teniposide (VM-26) and etopophos, are widely used as anticancer drugs and show good clinical effects against several types of neoplasms including testicular and small-cell lung cancers, lymphoma, leukaemia, Kaposi's sarcoma, etc. However, several limitations such as myelosuppression, development of drug resistance and cytotoxicity towards normal cells, still exist. To a greater or lesser extent, this general profile applies to cytotoxic agents from a wide range of mechanistic classes e.g., alkylating agents, DNA intercalators, antifolates, tubulin binders, topoisomerase inhibitors, this includes many of the best known and most widely used anticancer drugs, such as etoposide, doxorubicin, methotrexate and cisplatin etc.

Metabolic studies of podophyllotoxin have given some insights into its mechanism of action. VP-16 has been found to undergo *O*-demethylation by rat and mouse liver microsomes and purified rat liver cytochrome P-450 to produce the *O*-dihydroxy or catechol of VP-16. Several enzymatic systems *viz.* rat liver microsomes/NADPH, horse radish peroxidase/H₂O₂, prostaglandin synthase/arachidonic acid, myeloperoxidase/H₂O₂ metabolize VP-16 to produce capable of irreversible binding to proteins and DNA, which has been showed to be the quinone derived from the corresponding alcohol. The metabolism of VP-16 in isolated perfused rat liver has been studied, this finds the presence of glucuronides in the bile of VP-16 perfused liver indicating that VP-16 undergoes conjugation with glucuronic acid and the formation of the microisomer of VP-16 in the liver has also been observed. The N-demethyl compound is the major metabolite of dimethylamino etoposide (NK 611). Top-53 glucuronide is found to be the major metabolite of TOP-53, a new podophyllotoxin derivative.

Most of the lignans inhibit the polymerization of tubulin and DNA topoisomerase II enzyme. Studies on Structure-Activity Relationship (SAR) have shown that podophyllotoxin like compounds preferentially inhibit tubulin polymerization, which leads to arrest of the cell cycle in the metaphase. However, etoposide like compounds are potent irreversible inhibitors of DNA topoisomerase II and their action is based on the formation of nucleic acid-drug-enzyme complex, which induces single- and double-stranded DNA breaks, as the initial step in a series of biochemical transformations that eventually lead to cell death.

Drug design is an iterative process which begins when a chemist identifies a compound that displays an interesting biological profile and ends when both the activity profile and the chemical synthesis of the new chemical entity are optimized. Traditional approaches to drug discovery rely on a step-wise synthesis and screening program for large numbers of compounds to optimize activity profiles. Over the past ten to twenty years, scientists have used computer models of new chemical entities to help define activity profiles, geometries and reactivities.

One of the basic tenets of medicinal chemistry is that biological activity is dependent on the three-dimensional placement of specific functional groups (the pharmacophore). Over the past few years, advances in the development of new mathematical models which describe chemical phenomena and development of more intuitive program interfaces coupled with the availability of faster, smaller and affordable computer hardware have provided experimental scientists with a new set of computational tools. These tools are being successfully used, in conjunction with traditional research techniques, to examine the structural properties of existing compounds, develop and quantify a hypothesis which relates these properties to observed activity and utilize these "rules" to predict properties and activities for new chemical entities. The development of molecular modeling programs and their application in pharmaceutical research has been formalized as a field of study known as computer assisted drug design (CADD) or computer assisted molecular design (CAMD).

Identifying a protein's shape, or structure, is key to understanding its biological function and its role in health and disease. Illuminating a protein's structure also paves the way for the development of new agents and devices to treat a disease. Yet solving the structure of a protein is no easy feat. It often takes scientists working in the laboratory months, sometimes years, to experimentally determine a single structure. Therefore, scientists have begun to turn toward computers to help predict the structure of a protein based on its sequence. The challenge lies in developing methods for accurately and reliably understanding this intricate relationship.

Scientists know that the critical feature of a protein is its ability to adopt the right shape for carrying out a particular function. But sometimes a protein twists into the wrong shape or has a missing part, preventing it from doing its job. Many diseases, such as Alzheimer's and "mad cow", are now known to result from proteins that have adopted an incorrect structure. These issues some extent can be addressed with the aid of molecular modeling software.

Computer simulations or molecular dynamics can be carried out in the hope of understanding the properties of assemblies of molecules in terms of their structure and the microscopic interactions between them. This serves as a complement to conventional experiments, enabling us to learn something new, something that cannot be found out in other ways. Computer simulations act as a bridge between microscopic length and time scales and the macroscopic world of the laboratory: we provide a guess at the interactions between molecules, and obtain 'exact' predictions of bulk properties. The predictions are 'exact' in the sense that they can be made as accurate as we like, subject to the limitations imposed by our computer budget. At the same time, the hidden detail behind bulk measurements can be revealed. Research activities include identification of small molecule inhibitors with the aid of molecular modeling software, understanding of electronic states and mechanistic study of reactivity of organic molecules.

The prion protein (PrP) is responsible for a group of neurodegenerative diseases called the transmissible spongiform encephalopathies. To study the intrinsic structural properties of three human prion protein (PrP) α -helices and to analyze their stability, application of molecular dynamics simulations are in progress. Identification of small molecule inhibitors for prion protein with the help of molecular modeling tools are in progress.

(b) Pharmaceutical Analysis

The Pharmaceutical Analysis department is upgrading its existing facilities and procuring various instruments like HPTLC, Preparative HPLC, CE, LC-MS, LC-MS/MS, GC-MS, NMR to do advanced research work for analysis of drugs and pharmaceuticals.

i) Drug impurity profiling

Drug impurity profiling, i.e. identification, structure elucidation and quantitative determination of impurities and degradation products in bulk drug materials and pharmaceutical formulations is one of the most important fields of activities in modern pharmaceutical analysis. The reason for the increased importance of this area is that unidentified, potentially toxic impurities are health hazards and in order to increase the safety of drug therapy, impurities should be identified and determined by selective methods.

The main focused research areas of the department are separation and determination of impurities of known structure, off-line and on-line chromatographic - spectroscopic methods for the structure elucidation of impurities and degradation products as well as some analytical aspects of enantiomeric purity of chiral drugs.

ii) **Stability studies**

Stability indicating methods are quantitative test methods that can detect changes with time of drug substances and drug products. Information of type and amount of degradation products over time is important for safety of drugs. The use of such methods is appropriate when there is an intention to document drug substance or drug product stability. It is immaterial if such documentation is generated to support a regulatory submission such as an Investigational New Drug Application (IND), Drug Master File (DMF) or an (A)NDA or generated to satisfy cGMP requirements for a non-application drug substance or drug product.

iii) **Analysis and standardization of herbal drugs**

When herbal medicines are concerned, there are always hundreds of components and many of them are in minute quantities. On the other hand, there usually exists variability within the different and even the same herbal materials. Consequently, to obtain reliable chromatographic fingerprints that represent pharmacologically active and chemically characteristic components is not a trivial task. The performance of a chromatographic fingerprint obtained is closely dependent on the chromatographic separation degrees and concentration distribution of all chemical components in the herbal medicine investigated. Furthermore, the recent approaches of applying hyphenated chromatography and spectroscopy such as high performance liquid chromatography-diode array detection (HPLC-DAD), gas chromatography-mass spectroscopy (GC-MS), HPLC-MS and HPLC-NMR could provide the additional spectral information, which will be very useful for the qualitative analysis and even for the on-line structural elucidation.

iv) **Drug metabolism studies**

Metabolite identification studies provide critical information on drug candidates, these studies have typically been reserved for compounds late in the development phase. These studies are not amenable to high throughput as each compound will give a different metabolic profile, and evaluation of the data can be a lengthy and labor-intensive process. Traditional studies require radio labelled compounds, synthetic standards of potential metabolites, and sophisticated analytical instrumentation. However, with the recent advances in analytical technology and software programs, metabolite identification studies are now playing a pivotal role in the discovery phase of new drug entities. Early identification of metabolic "hot spots" in a particular structural series provides valuable information to the medicinal chemists and can drive the progression of chemical structures in a particular therapeutic program. In addition, early characterization of potentially active or toxic metabolites can direct a program to more potent and safe recommendation candidates. Analytical techniques, available in the discovery phase, are described for the early characterization of metabolites, focusing on the use of liquid chromatography-tandem mass spectrometry (LC-MS/MS), and the advances in software programs to aid the analyst in critically and rapidly evaluating the data produced. The focus is on small molecule applications.

v) **Bioanalytical method development**

The development of sound bioanalytical methods is of paramount importance during the process of drug discovery and development culminating in a marketing approval. Bioanalysis, employed for the quantitative determination of drugs and their metabolites in biological fluids, plays a significant role in the evaluation and interpretation of bioequivalence, pharmacokinetic and toxicokinetic studies. Selective and sensitive analytical methods for quantitative evaluation of drugs and their metabolites are critical for the successful conduct of pre-clinical and/or biopharmaceutics and clinical pharmacology studies. The determination of drug concentrations

in biological fluids yields the data used to understand the time course of drug action, or pharmacokinetics, in animals and human and is an essential component of the drug discovery and development process.

(c) **Pharmacology and Toxicology**

The major research areas of the department are

- 1) Identifying the novel drug targets in the management of pain
- 2) Scientific validation of different Indian traditional medicinal plants for tracing anti-arthritis, anti-convulsant and anti-diabetic activities.
- 3) Screening of new chemical entities for anti-cancer activity.
- 4) Asses the combination drug therapy in disorders like hepatic encephalopathy, hepatitis and diabetes mellitus

DIABETIC COMPLICATIONS:

Major complications of diabetes in human are of two types (Type I & II) and they are again subdivided as follows:

1. ACUTE COMPLICATIONS: a) Hypoglycaemia; b) Hyperglycaemia; c) Ketoacidosis
2. CHRONIC COMPLICATIONS: a) Neuropathy; b) Nephropathy; c) Cardiovascular complications (Atherosclerosis, Myocardial Infarction, Hypertension); d) Gastro intestinal complications (Oesophageal complications, Gastric complications).

Diabetes may be produced experimentally by means of surgery, viral infection or the administration of various hormones and chemical agents. Spontaneous diabetes is a common occurrence in many animal species. The most common diabetes syndromes in animals occur in the context of obesity, hyperinsulinemia and insulin resistance. Many such syndromes remit spontaneously. Dietary restriction and weight reduction effectively reverse some of these syndromes, but in other cases only partial correction of the syndrome occurs. Diabetes in lean animals is less common. The diabetes of lean animals is more frequently characterized by hypoinsulinemia, ketosis and insulin dependence than is the case with obese animals. Genetically 'knock out' mice are produced that will disrupt the normal gene. This is then given to the pseudo pregnant mice to produce desired type of diabetes in the mice.

STZ (Streptozotocin) and alloxan induced models are chemically employed models in rat for diabetes. Streptozotocin is a nitrosurea derivative isolated from *Streptomyces Achromogenes* with broad-spectrum antibiotic and anti-neoplastic activity. A large dose of STZ produces diabetes but it may be due to side effects. Thus, multiple smaller doses are given, which may lead to insulinitis and β -cell death.

Alloxan and the product of its reduction, dialuric acid, establish a redox cycle with the formation of superoxide radicals. These radicals undergo dismutation to hydrogen peroxide. Thereafter highly reactive hydroxyl radicals are formed by the Fenton reaction. The action of reactive oxygen species with a simultaneous massive increase in cytosolic calcium concentration causes rapid destruction of β cells.

Major emphasis of work is concentrated in dealing with the complications of diabetes these days. Identifying the pathogenesis of the complication also is a very important in order to go for further study. These can be checked *in vitro* using organ tissue to check particular complication. Organ bath studies using a diabetic induced rat or mice may lead to many possibilities. For example, using specific beta adrenoreceptor agonists and antagonists, on the stomach fundus tissue of a diabetic induced rat model, it can be identified that due to neuropathy in diabetes, it damages beta adrenoreceptors present in the stomach fundus. Similarly it can be done on all possible tissues of the complicated areas available and then can go to further studies for cell lines and *in vivo* etc.

A study on evaluation of antidiabetic activity of thienopyridine derivatives observed that BN-13 and BN-14 were found to possess maximum antidiabetic activities in the *in vivo* starch loaded models in rats, by inhibiting alpha glucosidase enzyme. Evaluation of suitable type-II diabetes model to investigate diabetic kidney disease is being worked in order to identify some complications related to nephropathy and potential therapeutic intervention. Few potential antidiabetic drugs like Iptakalim sulfonylurea are being compared and evaluated. Effect of atorvastatin alone and in combination with curcumin/ berberine in metabolic abnormalities in type II diabetic rats is being observed.

Pain

Pain is an unpleasant subjective sensation which is having a complex mechanistic pathways like involvement of many pain mediators such as bradykinin; neurotransmitters like serotonin, local hormones like histamine many peptides and ion channels. The role of Calcium channel in pain was extensively studied by using formalin induced models of pain; as a result of this there is a need to understand the mechanism by which the pain is produced. The institute is trying to understand the science to explore a new drug target for the relief of pain.

Rheumatoid arthritis (RA)

(RA) is a chronic and progressive inflammatory disorder, characterised by synovitis and severe joint destruction. The pathogenesis of RA is a complex process, involving synovial cell proliferation and fibrosis, pannus formation, and cartilage and bone erosion. This process is mediated by an interdependent network of cytokines, prostanoids and proteolytic enzymes. Pro-inflammatory cytokines, such as interleukin-1 (IL-1) and tumour necrosis factor- α (TNF- α), are central mediators in RA. We are scientifically validating different traditional medicinal plants like *Sarcostemma acidium* etc. Many of these traditional drugs are showing anti-rheumatoid action by modulating the signalling mechanisms of immune system. The work in the department involves identifying the anti rheumatoid drug from Indian traditional plants. A multi-target *in vitro* test has been developed. However a few plants are showing anti-rheumatoid action in multi-assay screens.

Hepatic encephalopathy

Liver disease can manifest in many different ways. Characteristic manifestations include jaundice, cholestasis, liver enlargement, portal hypertension, ascites, liver failure and hepatic encephalopathy. Hepatic encephalopathy continues to be a major clinical problem and the current decade has not witnessed major therapeutic breakthroughs in this area. Hepatic encephalopathy is condition in which deterioration of brain function due to build up of toxic substances normally removed by the liver. The department is aimed to assess the effectiveness and safety of L-Ornithine-L-Aspartate in the management of hepatic encephalopathy in CLF patients. We are using a method

to perform a meta-analysis of randomized controlled trials of LOLA therapy for hepatic encephalopathy.

Alcoholic Hepatitis

Alcohol hepatitis is an acute or acute-on-chronic hepatic inflammatory response syndrome, which is part of the spectrum of diseases that result from alcohol-induced liver injury, ranging from the most common symptomatic fatty liver to fulminant hepatitis and cirrhosis in the long term. However, it is difficult to predict the clinical response in an individual patient, as only a minority of individuals consuming large amounts of alcohol develop alcoholic hepatitis. Although many individual studies are available on the efficacy of pentoxifylline and prednisolone in the treatment of severe alcoholic hepatitis, no study has compared the two drugs head to head in a randomised controlled study. We are comparing the efficacy of pentoxifylline and prednisolone in the treatment of severe alcoholic hepatitis, and evaluating the role of different liver function scores in predicting prognosis.

Screening of new chemical entities as Anti-Cancer drugs

Cancer is a term that encompasses a complex group of more than 100 different types of cancerous diseases. Cancer can affect just about every organ in the human body. Many people are surprised to learn that cancer can affect parts of the body like eyes and the heart.

Each type of cancer is unique with its own causes, symptoms, and methods of treatment. Like with all groups of disease, some types of cancer are more common than others. The institute is committed to screen the new chemical entities for anticancer activity with the collaboration of mentor institute, IICT Hyderabad. This screening utilizes different human tumour cell lines, representing leukaemia, melanoma and cancers of the lung, colon, brain, ovary, breast, prostate, and kidney. The aim is to prioritize for further evaluation, synthetic compounds or natural product samples showing selective growth inhibition or cell killing of particular tumour cell lines. This screen is unique in that the complexity of a different cell line dose response produced by a given compound results in a biological response pattern.

(d) Pharmaceutics

Pharmaceutics department is upgrading its existing facilities and procuring various advanced instruments like lyophilizer, fluid bed dryer, tablet punching machine, homogenizers, tablet coating machine, dissolution apparatus, friability apparatus etc.

In the D4PS workshop the module-II was focused on the novel drug delivery systems. The topics like multifunctional nano-carrier systems, programmable drug delivery, and fast dissolving tablets were discussed by various eminent speakers.

The M.S Pharmaceutics students were taken for Industrial training for a period of one week so that they will be exposed to the new manufacturing techniques, new equipments, and cGMP implementations in the pharma industries.

The major research areas of the department are in the area:

Development and evaluation of Novel drug delivery systems by various approaches like muco-adhesives, nano-particles, microspheres, micro-balloons.

Solid state characterizations and stability studies.

IVIVC for the immediate release formulations.

Research Publications

1. Abdulla, Amina S.; Arun Kumar Y.; Arifuddin, M.; Rajanna K. C.; Mild and Efficient Nitration of Aromatic Compounds Mediated by Transition Metal Complexes. *Synth. Comm.* **2010**, (In Press)
2. Markandeya, N.; Shankaraiah, N.; Reddy, Ch. S.; Santos, L. S.; Kamal, A. Asymmetric syntheses of piperidino-benzodiazepines through 'cation-pool' host/guest supramolecular approach and their DNA-binding studies. *Tetrahedron: Asymmetry* **2010**, *21*, 2625.
3. Kamal, A.; Shankaraiah, N.; Reddy, Ch. R.; Prabhakar, S.; Markandeya, N.; Srivastava, H. K.; Sastry, G. N. Synthesis of bis-1,2,3-triazolo-bridged unsymmetrical pyrrolobenzodiazepine trimers via 'click' chemistry and their DNA-binding studies. *Tetrahedron*, **2010**, *66*, 5498.
4. Kamal, A.; Sreekanth, K.; Kumar, P. P.; Shankaraiah, N.; Balakishan, G.; Ramaiah, M. J.; Pushpavalli, S.N.C.V.L.; Ray, P.; Bhadra, M. P. Synthesis and potential cytotoxic activity of new phenanthrylphenol-pyrrolobenzodiazepines. *Eur. J. Med. Chem.* **2010**, *45*, 2173.
5. Soriano, M. D. P. C.; Shankaraiah, N.; Santos, L. S. Short synthesis of noscapine, bicuculline, egenine, capnoidine, and corytensine alkaloids through the addition of 1-siloxy-isobenzofurans to imines. *Tetrahedron Lett.* **2010**, *51*, 1770.
6. R. Shireesh Kiran, B. Chander Shekar, Sharadha Srikanth, B. Nagendra Babu, M. V. V. Prasad. Formulation design and optimization of mouth dissolve tablets of glipizide. *International Journal Of Pharmacy & Technology* **2010**, *2*, 762
7. R Shireesh Kiran, B Chander Shekar, B Nagendra Babu. Ranitidine HCl gastroretentive floating tablets based on hydrophilic polymers. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* **2010**, 964.
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12. Shaheen Begum, Satya Parameshwar, Kulkarni, R. G.; Achaiah. G. 3D QSAR Studies on Benzoxazo Internat. J. Pharma. *Sciences and Nanotech.* **2009**, *18*, 413.

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Poster Presentations at Conference/Symposium:

1. Markandeya, N.; Shankaraiah, N.; Reddy, Ch. S. Santos, L. S.; Kamal, A. One-pot Aromatic Azidoreductive-*N*-alkylation Using Dialkylborontriflates as Alkylating Reagents and Online ESI-MS Mechanistic Investigation: International Conference on Organic Synthesis and Human Well Being: Emerging Opportunities and Challenges, August 1-4, **2010**, Hyderabad, India (**Best Poster Award**)
2. Srinivasulu, V.; Sreekanth, K.; Shankaraiah, N.; Juvekar. A. S.; Zingde S. M.; Kamal, A. Diversity Oriented Solid-Phase Synthesis and Cytotoxic Activity of Novel 1,2,3-Triazolo-Chalcone Derivatives by Employing ‘Click’ Chemistry: International Conference on Organic Synthesis and Human Well Being: Emerging Opportunities and Challenges, August 1-4, **2010**, Hyderabad, India
3. Telukutla, S. R.; Suresh, P.; Shankaraiah, N. Design, Synthesis and Anticancer Activity of Novel 4-(1-Phenyl Urea)podophyllotoxin Congeners: International Conference on Organic Synthesis and Human Well Being: Emerging Opportunities and Challenges, August 1-4, **2010**, Hyderabad, India
4. Prabhakar, S.; Shankaraiah, N.; Reddy, Ch. R.; Markandeya, N.; Juvekar, A. S.; Zingde, S. M.; Kamal, A. Solid-phase Synthesis and DNA-binding Ability of a Library of Pyrrolobenzodizepines as Anticancer Agents: International Conference on Organic Synthesis and Human Well Being: Emerging Opportunities and Challenges, August 1-4, **2010**, Hyderabad, India
5. Reddy, M. K.; Shankaraiah, N.; Kamal, A; Microwave-assisted syntheses of rutaecarpine and their analogues by employing nickel boride: Green Chemistry – An Innovation to Sustainable Development (GC – 2010), Department of Chemistry, Kakatiya University, Warangal – 506009, AP, India on 29th & 30th March **2010**

6. Reddy, Ch. R.; Shankaraiah, N.; Prabhakar, S.; Kamal, A; Synthesis of bis-1,2,3-triazolo-bridged unsymmetrical pyrrolobenzodiazepine trimers via 'click' chemistry: Green Chemistry – An Innovation to Sustainable Development (GC – 2010), Department of Chemistry, Kakatiya University, Warangal – 506009, AP, India on 29th & 30th March **2010**
7. M. V. N. Kumar Talluri*, Anitha Kalyankar, Naveen Reddy Kandimalla, D. Subrahmanyam; Method development and validation for the Gas Chromatography-Flame Ionization Detection assay of ethanol in Arishtas (Ayurvedic formulations) (oral presentation) International Conference on RECENT ADVANCES IN DRUG DISCOVERY, Organized by University College of Pharmaceutical Sciences, Kakatiya University, Warangal (A.P) India, 22nd – 24th October 2010
8. M.V.N. Kumar Talluri, Amit K. Jain, Nirav N. Jadav, K.V. Lalitha; Drug-excipient interaction study of cyclobenzaprine hydrochloride with different pharmaceutical excipients by RP-HPLC (poster presentation) International Conference on RECENT ADVANCES IN DRUG DISCOVERY, Organized by University College of Pharmaceutical Sciences, Kakatiya University, Warangal (A.P) India, 22nd – 24th October 2010

Conferences / Workshops attended:

1. Lalita meena, BioAsia 2009-the global bio business forum, on February, 2-4, **2009**
2. Lalita meena, IPC-USP, 8th annual scientific meeting-India, Hyderabad
3. Srinivas Reddy. Telukutla, CTDDR 4th International Symposium, CDRI Lucknow, February 17th–21st **2009**
4. Atulya Nagarsenkar, CTDDR 4th International Symposium, CDRI Lucknow, February 17th–21st **2009**
5. Atulya Nagarsenkar, Summer Workshop on Computer Aided Drug Design & Discovery (CAD3) – 2010 at NIPER – Hyderabad 31th April – 2nd May **2010**
6. Dr. K. Srinivas, Atulya Nagarsenkar, Shabaz Eqbal, M. Shravani, Workshop on Molecular Modelling and Drug Design (CMSD) at University of Hyderabad from August 2nd – 7th **2010**
7. Sneha Date, Young Innovators Choice Competition Conducted by Institute of Chemical Technology, Mumbai held during 23rd -26th January **2009**
8. Sneha Date, BioAsia 2009, The global Business Forum during 2nd –4th February **2009**
9. Sneha Date, India Pharma Summit 2009 and CPhI during 30th Nov.– 2nd Dec. **2009**
10. Sneha Date, BioCamp 2010 Novartis Biotechnology Leadership Camp Conducted by Novartis, Hyderabad during 1st - 3rd July **2010**
11. Gopal Krishna Tunga, BioAsia **2009**, The global Business Forum during 2nd –4th February **2009**
12. Gopal Krishna Tunga, IPC-USP, 8th annual scientific meeting-India, Hyderabad
13. Gopal Krishna Tunga, 4th CRSI-RSC Symposium in Chemistry at NIPER-Hyderabad, 4th February **2010**

14. P. Triveni Haritha Devi, 4th CRSI-RSC Symposium in Chemistry and 12th CRSI National Symposium in Chemistry form 4–7th February, **2010**
15. P. Triveni Haritha Devi, Summer Workshop on Computer Aided Drug Design & Discovery (CAD3) – 2010 at NIPER – Hyderabad 31th April – 2nd May **2010**
16. P. Triveni Haritha Devi, International Conference on “Recent Advances in Drug Discovery”, 22nd - 24th October, **2010**
17. P. Triveni Haritha Devi, Workshop on Drug Discovery: D4PS-2010 (Overview on Drug Discovery and Development), 8–9th October, **2010**
18. Dr. Ravindra Kulkarni, Hrishikesh Dhongade, Vasant Gaikwad, Amit Arya, Ravinder singh Rajpoot, Sandeep Patil, Gopal Krishna Tunga, Bidyadhar sahu; India Pharma Summit 2009 and CPhI during 30th Nov.– 2nd Dec. **2009**
19. Dr. K. Srinivas, Dr. Ravindra kulkarni, Hrishikesh Dhongade, Satish Mahajan, T. Srinivasreddy, V. Raja Ravikiran, Jagrut Vaishanv, Aditya Sharma, Shahbaz Iqbal, Pankaj Sharma, Upasana Yadav, Priya Pandey; Current Trends in Drug Discovery and Research, Feb. 21st – 24th, **2010**; CDRI-Lucknow
20. Dr. Narender Kumar Talluri, 2nd International Symposium on Drug Metabolism and Pharmacokinetics (DMPK) Applications toward Drug Discovery and Development on 27th and 28th February **2010** Jointly organized by Bristol-Myers Squibb (BMS) and National Institute of Pharmaceutical Education and Research (NIPER) S.A.S. Nagar 160 062, Punjab, India.
21. Dr. Narender Kumar Talluri, UPLC workshop on “Proteins, peptides and amino acids” on 07 June 2010 organized by Waters India Pvt. Ltd. Secunderabad.
22. Dr. Narender Kumar Talluri, Workshop on ‘Computer Aided Drug Design and Discovery’ (CAD3)-2010” was organized by NIPER-Hyderabad and VLife Sciences Technologies Pvt. Ltd., Pune from 30th April to 2nd May **2010**.
23. Dr. Narender Kumar Talluri, Workshop on Drug Discovery, Drug Design, Development, Delivery and Preclinical Studies (D4PS) from 8th -9th Oct.**2010** at NIPER and IICT-Hyderabad.
24. Dr. B. Nagendra Babu, 2nd International Symposium on Drug Metabolism and Pharmacokinetics (DMPK) Applications toward Drug Discovery and Development on 27th and 28th February **2010** Jointly organized by Bristol-Myers Squibb (BMS) and National Institute of Pharmaceutical Education and Research (NIPER) S.A.S. Nagar 160 062, Punjab, India.

NIPER-Hyderabad PA Students Secured First Prize

'Young Innovators' Choice Competition-2010, UDCT, Mumbai

YICC is already reputed as the industry's leading choice competition. It took place at **Institute of Chemical Technology, Mumbai** from January 11th – 16th, 2010. There were **240 teams** i.e. 720 participants were participated in '**YICC'10** from all over India. **We secured first prize for the best solution** to one of the industrial problems.

YICC was an event **to marry academic brilliance to real life Industrial problem**; a platform to put our imagination at work; a challenge to innovate and find solutions. Forming a link between academia and industry, this event touched almost every aspect of study from depth of scientific thought to feasibility of our solution. The problem statement modeled on a current industry trend and the participants were expected to provide comprehensive executable solutions. Many reputed companies like Dr. Reddy, Piramal Pharma etc. were come with their problems.

Our team had selected one problem from given 18 Industrial problems related to pharmacy on first day of competition (January 9th, 2011) and got 72 hours to come up with best solution of our problem. They provided library and computer with internet facilities in the Institute campus. The solutions judged by academic and industrial experts in strict confidence. We were selected for oral presentation of solution on January 12th, 2010.

We selected problem related to pharmaceuticals- compression of controlled/ delayed released pellets into tablets with low risk of dose dumping, flexible and short gastric residence time . We had to give challenges associated with compression of coated pellets into a tablet and suggest different strategies/ approaches to overcome the challenges mainly for preserving the functionality of pellets.

According to reviewer we gave best solution for this problem and declared as winner.

In between this event we seen glory of Mumbai through travelling across the city and enjoyed a lot.

Team of our student names:

1. Prashant Patel
2. Prinesh Patel
3. Vasoya Milan
4. Pankaj Bagul
5. Pradip kalariya
6. Nirav Jadav

Awards and Honours

OPPI Scientist Award – 2009



Dr. Ahmed Kamal Project Director, NIPER-Hyderabad, has been received best scientist award for 2009 from Dr Abdul Kalam former President of India, conferred by Organization of Pharmaceutical Producers of India (OPPI), on 8th Aug, 2009.

OPPI Young Scientist Award – 2010

Dr. N. Shankaraiah, Assistant Professor, Department of Medicinal Chemistry at National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad received the prestigious Organization of Pharmaceutical Producers of India–Young Scientist Award-2010 from Shri Prithviraj Chavan Honourable Minister of Science & Technology Govt. of India in Mumbai on 24th September 2010. The OPPI is pleased to recognize and honoured Dr. Shankaraiah for his outstanding research contribution in Pharmaceutical Sciences. He has carried out the research work for new chemical entities of anticancer agents in drug discovery.



Associate Ship Award



Dr. M. V. N. Kumar Talluri, Department of Pharmaceutical Analysis, NIPER-Hyderabad, Elected as an Associate & Received Associate Ship Award from the Institute of Chemist for the high quality research contributions in the area of Drugs and Pharmaceutical Analysis.

Visit of Secretary, DoP



Visiting of Shri Mukul Joshi IAS, Secretary, Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers on 7th September, 2010



Shri Mukul Joshi interacting with Dr. Ahmed Kamal Project Director NIPER – Hyd, and Administrative staff & NIPER Faculty

Events of NIPER – Hyderabad

Welcome to New 2009-2011 Batch Students on 25th July 2009



*Walk of fresher's to their dream palace
'NIPER HYDERABAD'*

*It's a great honor to have Dr. J. S. Yadav, Director (mentor institute IICT) and
Dr. Ahemd Kamal, Project Director NIPER HYDERABAD*



Dr. J. S. Yadav is addressing to the freshers



*Ms. Lalitha, the first admitted ranker in NIPER
HYDERABAD (2009) is sharing her success story in
Entrance Examination of NIPER-JEE*



*Interaction of students (2009-2011 batch) with
Dr. J. S. Yadav & Dr. Ahemd Kamal*



Group photo of 2009-2011 batch students

Foundation Day on 10th Nov 2009



Fresh decorated flowers to welcome the guests



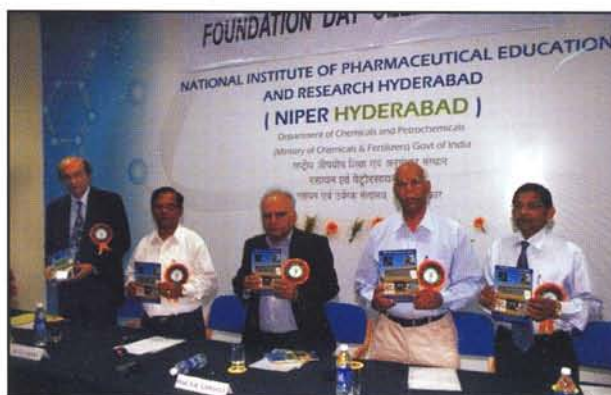
Welcome as the flowers in May



Distinguished guests on the dais



Deep Prajwalan by Prof. Dr. Ganguly ICMR



Annual Report release of NIPER – Hyd 2009

Foundation Day on 10th Nov 2009



Gold medalists of the year 2007-2009 batch; Ranjita Nayak (MC), Karthik Mangu (PT) & Mehulkumar Chandrakant Prajapati (PA)



Tree plantation by Dr. Ganguly on the occasion of Foundation day in NIPER HYDERABAD



Dr. J. S. Yadav presenting a memento to Dr. Ganguly on the occasion of foundation day in NIPER-Hyd



New Website launching of NIPER-Hyderabad



Dr. J.S. Yadav presenting a memento to Dr. A.V. Rama Rao on the occasion of foundation day in NIPER-Hyd



Plantation by Dr. J. S. Yadav, Dr. A. V. Rama Rao & Dr. Ahmed Kamal on the occasion of foundation day in NIPER HYDERABAD

New Year 2010 celebrations in NIPER HYDERABAD



A journey to making wise decision begin



New Year Cake cutting by mentors

**Republic day celebrations at
NIPER HYDERABAD in 2010**



Flag Hosting by Dr. J. S. Yadav



Dr. J. S. Yadav motivating to the young minds on the occasion of Republic Day

**4th CRSI-RSC Symposium in Chemistry on 4th Feb
at NIPER HYDERABAD**



Arrival of the speakers for CRSI-RSC Symposium in Chemistry at NIPER HYDERABAD



A talk on "Commercialising Chemistry" by Graham Richards from Oxford University, UK



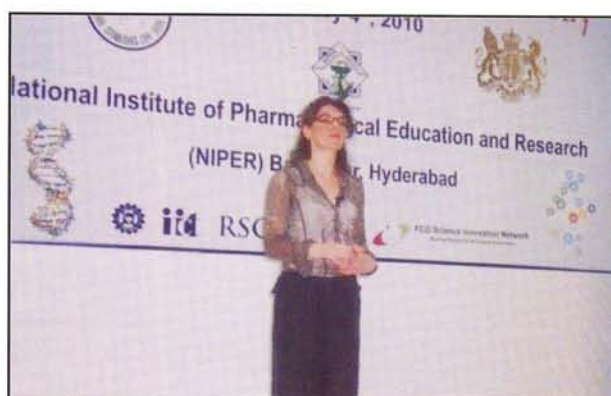
Prof. S. Chandrasekaran, Chairing the session for the Proceedings of 4th CRSI-RSC Symposium in Chemistry at NIPER-Hyderabad



Dr. K.N. Ganesh, IISER, Pune, delivering a talk on 'Peptide Nucleic Acid (PNA) analogs: Designs with purpose' during CRSI-RSC Conference



Dr Peter Licence, University of Nottingham Giving a talk on Distilling 1-Alkyl-3-methylimidazolium Tetrafluoroborate Ionic Liquids at UHV: A Surprising Result



A talk on "F-block metal complexes with N-heterocyclic carbene ligands; lability and small molecule activation" by Professor Polly Arnold, Edinburgh University



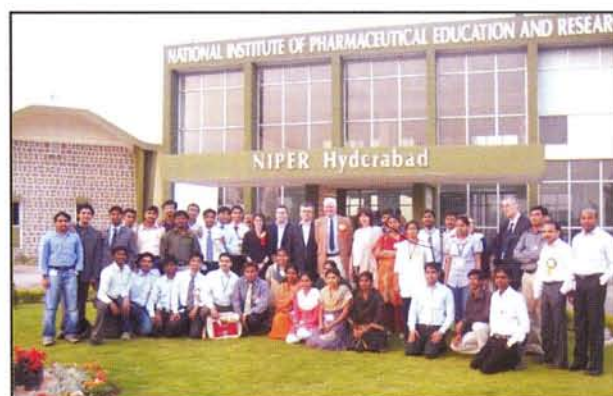
The distinguished speakers sharing their thoughts in 'Chemistry' during the lunch time



Prof. Graham Richards & Prof. Chandrasekeran planting a tree in NIPER HYDERABAD Campus on the occasion of 4th CRSI-RSC Symposium in Chemistry

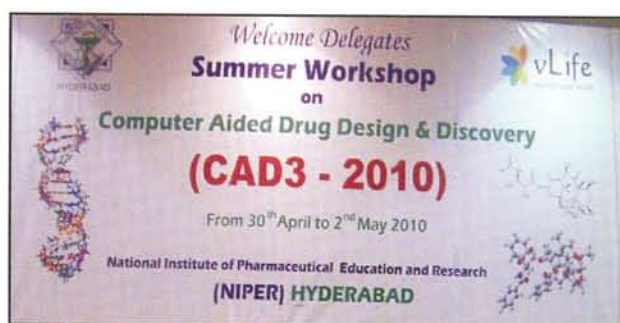


All researchers under one roof in NIPER Auditorium



A Group Photograph of Speakers, NIPER Staff & the Participants

Summer Workshop on Computer Aided Drug Design & Discovery (CAD3) – 2010 NIPER – Hyderabad from 30th April to 2nd May 2010



Dr. Ahmed Kamal, Dr. Sami vLife Sciences and Dr. K. Srinivas Convener of this Workshop: The Project Director Addressing about 'CAD3 Workshop' & Distinguished guest speakers and participants positioned in their chairs



Dr. Sami, vLife Science Ltd Pune, giving demonstration of 'Molecular Docking' & Participants absorbed themselves in the workshop



Finally all became a family of CAD3-2010 workshop

**World Environment Day Celebrations on 5th June 2010
at NIPER-Hyderabad**



Plantation by Dr. Ahemd Kamal Project Director, NIPER-Hydr Campus on the occasion of 'World Environment Day on 5th June 2010



NIPER – Hyd Student's actively participating in World Environment day on 5th June-2010



"Turn off your Engine surely you will see GREENERY" & NIPER student Mr. Amit K. Jain motivating to the citizen



"Say no to plastic bags to keep our country Clean & Green"



NIPERites has decided to keep India clean & Green and YOU????????????

SPORTS ACTIVITIES at NIPER-Hyderabad



"Lagan" cricket team



"Chak de India" cricket team



*Audience's eye on the tough war between
"Lagan" & "chak de India" team*



Fun in a college



NIPER staff also not lagging in fun



Sometime it looks good when Professors take out their valuable time to have fun



Staffs also not lagging in fun



A cold war between Rupali & Anitha



The students Playing 'Volleyball' in NIPER Hostel



Libi Anandhi & Rupali with "T.T" in NIPER Hostel



Girl's cricket team



Team making winning strategy'



Team has to put their all possible effort to chase high score



Next team is ready to blast



Student Vs NIPER Staff

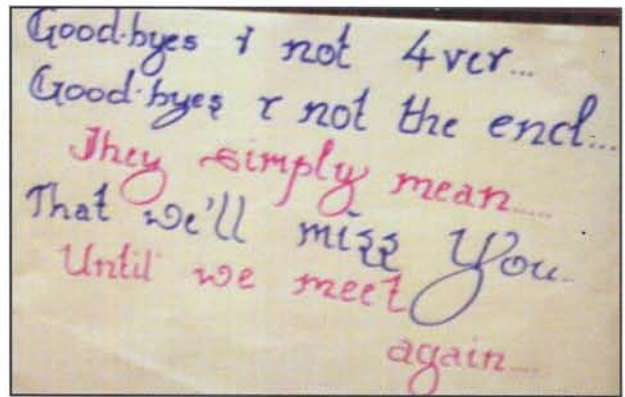


Dr. Venu efficiently batting

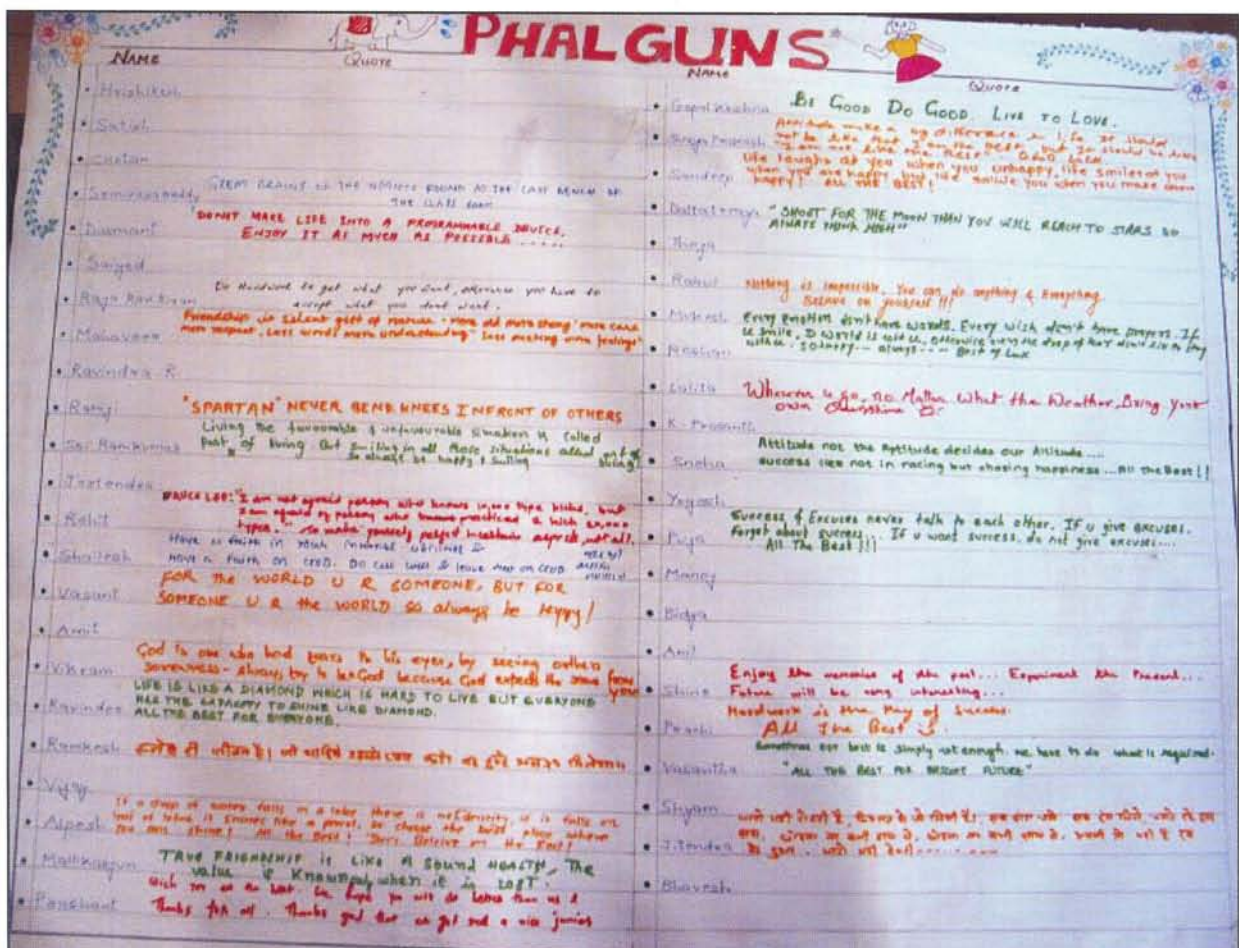
Farewell party celebrations (2008-2010)



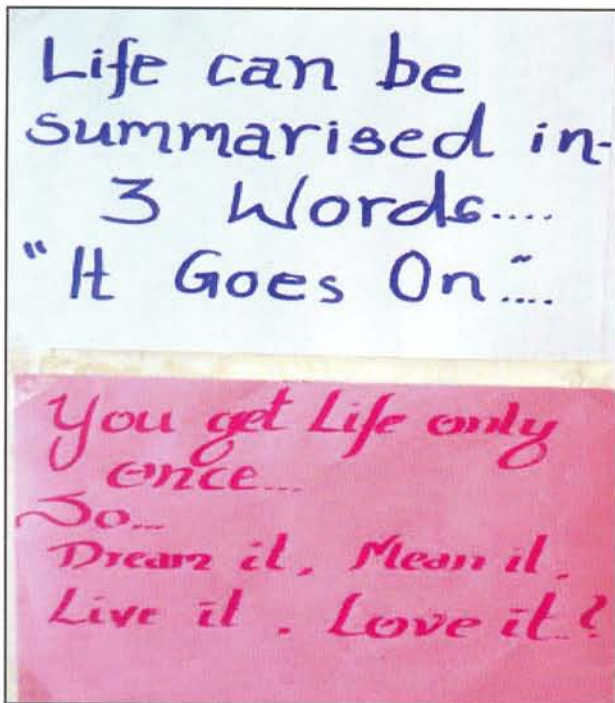
This time stage is ready not for seminar or lecture but for Farewell party celebration



Please have a look at it



"PHALGUNS"????????????? Yes it is a name given to 2008-2010 batches



See wall is saying something



Column is also glittering on the occasion of Farewell Party



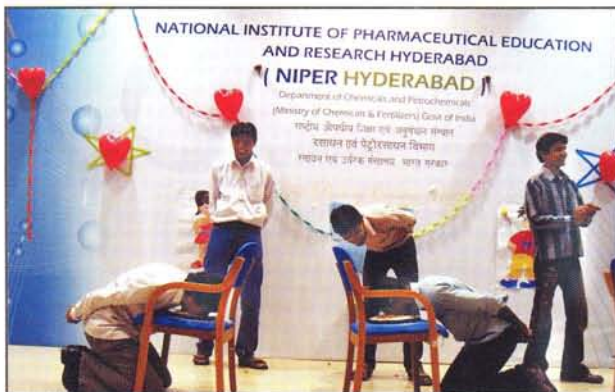
Dedicated to our 'PHALGUN' 2008-2010' batch



Students sharing their two years experience with NIPER Hyderabad



How many balloons can you fill in one minute??????????



Can you find out what is there inside the mountain of flour with ought touching your hand?



He has to attach tail to the elephant with closed eye



PHALGUN 2008-2010 batch

First convocation of NIPER Hyderabad for 2009 & 2010 Batch



First convocation at NIPER Hyderabad on 29th July, 2010



Arrival of the chief guests at NIPER Hyderabad on the occasion of Convocation Day



*Chief Guest, Padma Shri Dr. Seyed E. Husnain,
Vice Chancellor, University of Hyderabad, honored
by Prof. V. Peesapati NIPER Hyderabad*



*Dr. J.S. Yadav, Director,
Indian Institute of Chemical
Technology (Mentor Institute)*



*Shri Ashok Kumar IAS, Secretary,
Department of Pharmaceutical,
Ministry of Chemicals and
Fertilizers, Govt. of India*



*Dr. Ahmed Kamal, Project
Director NIPER, Hyderabad*



*Shri Arun Jha, IAS, Joint
Secretary, Dept. of
Pharmaceuticals, Ministry of
Chemicals and Fertilizers,
Govt. of India*



Distinguished Guests on the Dais



*Honourable Chief Guest
Padma Shri Dr. Seyed E.
Hasnain, Vice Chancellor,
University of Hyderabad*



*Prof. N. Satyanarayana,
Registrar, NIPER, Hyderabad*



NIPER Faculty



Taking Oath



Ms. Ranjita Nayak M.S Pharm (Medicinal Chemistry) 2007–2009 batch receiving the Gold Medal from Shri Ashok Kumar, IAS Chairman, Steering Committee, NIPER Hyderabad



Mr. Karthik Mangu M.S Pharm (Pharmacology & Toxicology) 2007-2009 batch receiving the Gold Medal from Shri Ashok Kumar, IAS Chairman, Steering Committee, NIPER Hyderabad



Mr. Mehul Kumar Chandrakant Prajapathi M.S. Pharm (Pharmaceutical Analysis) 2007–2009 batch receiving Gold Medal from Shri Ashok Kumar, IAS Chairman, Steering Committee, NIPER Hyderabad



Ms. Date Sneha Shripad, M.S. Pharm (Pharmacology & Toxicology) 2008–2010 batch receiving the Gold Medal from Shri Ashok Kumar, IAS, Chairman, Steering Committee, NIPER Hyderabad



Mr. Gaikwad Vasant M.S. Pharm (Medicinal Chemistry) 2008-2010 batch receiving the gold medal from Shri Ashok Kumar, IAS, Chairman, Steering Committee, NIPER Hyderabad



Mr. N. Mallikarjun, M.S Pharm (Pharmaceutical Analysis) 2008-2010 batch receiving the gold medal from Shri Ashok Kumar, IAS, Chairman, Steering Committee, NIPER Hyderabad



Shri Ashok Kumar gave away Degrees to the post graduating students

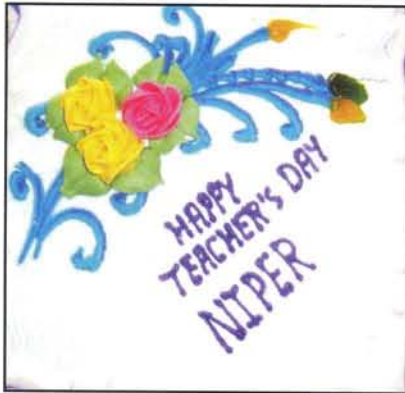


M.S Pharm (2007–2009) Batch



M.S Pharm (2008–2010) Batch

TEACHERS DAY CELEBRATIONS



Happy Teachers Day

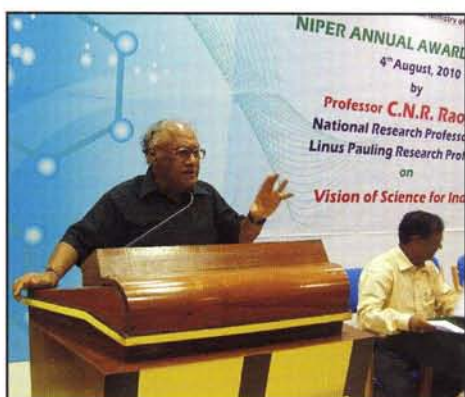


Cake cutting on the occasion of Teachers Day



Teaching Staff of NIPER Hyderabad during the Teachers Day Celebrations

**'Invited Lectures'
"VISION FOR SCIENCE in INDIA"
on Aug 4th 2010 at NIPER-Hyderabad**



Prof. C. N. R. Rao motivating the 'inspiring young minds' of NIPER students on the occasion of NIPER 1st Annual Day



Dr. J. S. Yadav & Dr. Ahmed Kamal presenting a memento to Prof. C. N. R. Rao on the occasion of NIPER 1st Annual Day



Prof. C. N. R. Rao planting a tree on the occasion of NIPER 1st Annual Day





Dr Andreas Klamt, CEO and Founder, Cosmologic GmbH, Germany is giving a talk at NIPER-Hyderabad on 4th December 2009



Dr. Krishna R. Devarakonda delivering a talk on "Telomerase - A new marker & target in cancer & ageing" & Dr. Ahemd Kamal presenting a memento to the speaker



Students clarifying their doubts with Dr. Krishna Devarakonda & NIPER Faculty interacting with him

**Invited lecture by Prof. Ashwini Nangia, University of Hyderabad
on 31st May 2010**



Prof. Ashwini Nangia, with Dr. Ahemd Kamal, Project Director NIPER Hyderabad, Prof. Satyanarayan Registrar NIPER-Hyd, Prof. Peesapati, senior faculty NIPER-Hyd and Dr. V. J. Rao IICT-Hyderabad



Professor Ashwini Nangia, University of Hyderabad delivering a talk on "Pharmaceutical co-crystals to modify physicochemical & dissolution profile of API"

BioCamp-2010 by Novartis Team



Novartis team discussing about Biocamp 2010 with Prof. N. Satynarayana, Registrar NIPER-Hyd



Dr. Ashwini Mathur, Reputed Bio-statistician, Novartis, Hyderabad, talking about success stories of Novartis



The M.S (Pharm) Students 2009-10 Batch

