

# NOVA PHARMA NEWS LETTER

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Nova College of Pharmaceutical Education and Research

(Nova Educational Society)

Jupudi, Ibrahimpatnam, 521456



## **VISION:**

TO STRIVE FOR AND CREATE A "CENTRE OF EXCELLENCE" IN THE FIELD OF EDUCATION AND RESEARCH INVOLVING WIDE AREAS OF PHARMACEUTICAL FIELD.

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Editor: Prof. Dr. P. Selvam., M.Pharm Ph.D.,FNABS.,  
Principal

Nova College of Pharmaceutical Education and Research Jupudi, Ibrahimpatnam, 521456.

E-Mail Id-Pharmacyibm2007@gmail.com.

## **Desk from Secretary**



### **Institution Profile:**

Nova College of pharmacy was established in the academic year 2007-2008 in green serene, pollution free, calm area called Jupudi. Our college is affiliated to JNTU Kakinada and is recognized by AICTE and PCI. The college started with an intake of 60 students and there were a total of 58 outgoing students in the first batch with a total pass percentage of 98% in B. Pharmacy course. Post graduation in pharmacy was started in October 2011, and presently the college is offering Bachelor of Pharmacy and Masters of pharmacy in Pharmaceutics, Pharmacology and Pharmacy practice with a total strength of 250 students. The students are regularly monitored and motivated by experienced faculty.

## INFRASTRUCTURE

The institution is well equipped with modern, advanced and sophisticated instruments and apparatus in order to offer the training and research need of the students as per norms of the PHARMACY COUNCIL OF INDIA, AICTE and JNTUK. The machine room and M. Pharmacy research laboratories, in particular are well facilitated with state of the art machineries to serve the need of post graduate students of Pharmaceutics, Pharmacology and Pharmacy practice. The library is spacious and sufficiently stocked with huge collection of books and journals. The library is computerized and has about 6000 text books needed for B. Pharmacy, M. Pharmacy courses. In addition to this the library is well furnished with various national, international journals of pharmacy and science and technology and online library facilities for students and staff to access hundred of research information from the now-a-days in world of science.

### ACADEMICS:

Three batches from B.Pharmacy were released with a good result of 85% and 95% of the final year students secured good result in 2012-13. Many of our outgoing students are placed in reputed industries, colleges and few are placed in pharmaceutical organizations in USA and UK. Our college is continuously busy with various activities like seminars, sports, industrial tours and educational rallies.

### Principal profile:

Prof. Dr. P. Selvam M.Pharm., Ph.D, completed B.Pharm and M.Pharm from Madurai Medical College in the year 1995 and 1999 respectively. He was awarded Ph.D, from the Tamil Nadu Dr. MGR University in the year 2009. He has 14 years of teaching experience and has presented 50 papers and published more than 50 papers in national and international journals. He is a member in **APTI**, **ISAR** and **IAMPV**. He was also awarded with **BOYSCAST** fellowship in 2007 and elected as a fellow of National Academy of Biological Sciences. (**FNABS**).



## List of Publications/Presentation

### RESEARCH PAPERS PUBLISHED

P. Selvam, C. Pannecouque, De Clerecq E., Synthesis, anti-HIV activity and cytotoxicity of N-substituted Pthalimide derivatives. **International Journal of Pharmacy and Analytical Research**, 2 (1), 12-14, 2013.

P. Selvam, De Clerecq E., Synthesis, anti-viral and cytotoxicity of N-Sulphonamidomethyl benzotriazole derivatives. **International Journal of Pharmacy and Analytical Research**, 2 (1), 7-11, 2013.

P. Suresh kumar, N. Hematheerthani, J. Vijaya Ratna, Performance evaluation of PPI dendrimer valsartan and fenofibrate formulation. **Journal of Biomedical and Pharmaceutical Research**.1 (3), 84-91, 2012.

P. Suresh kumar, J. Vijaya Ratna, N. Hematheerthani, **RP-HPLC** method for simultaneous determination of valsartan and fenofibrate in PPI dendrimer. **Asian Journal of Chemistry**, 25(7), 3697-3700, 2013

### Research Paper Presented in conference/Seminar

1. **PeriyasamySelvam, PaulPandi, NouriNeamati, Tino Sanchez** Studies on HIV Integrase/Ledgf Inhibitory Activity of Compounds Isolated From Ethanolic Extract of Morinda Citrifolia L Noni. 25<sup>th</sup> International Conference on Antiviral Research, Antiviral Research, May, 2013. (Abstract #81)
2. **PeriyasamySelvam, Chitta Suresh kumar, B. Babajan, Enzo Tramontano**, HIV RNase H Inhibitory Activity of Novel Heterocyclic Compounds. 26<sup>th</sup> International Conference on Antiviral Research, Antiviral Research, May, 2013. (Abstract #82)
3. **PeriyasamySelvam, Nouri Neamati, Tino Sanchez, Anand Kumar**- Design, Molecular Modeling and Synthesis of Novel Isatine derivatives as Inhibitors of HIV Integrase/LEDGF Protein-protein Interaction. 29<sup>th</sup> International Conference on Antiviral Research, Antiviral Research, May, 2013. (Abstract #83)

4. **PeriyasamySelvam, Guoping Hu, Yun Tang, Xi Li, Jin Huang**- Design and Synthesis of Quinazolin-4(3H)-ones as Novel inhibitors of HIV Integrase/LEDGF. 26<sup>th</sup> International Conference on Antiviral Research, Antiviral Research, May, 2013. (Abstract #84)

### **TRAINING AND PLACEMENT:**



College is conducting regular training programme for the students to update communication skills, personality development and interview skills. DIVIS LABORATORIES, Hyderabad conducted campus interviews in college. Three students from our college were selected and placed in campuses. Mrs. Sumalatha HOD, MBA department delivered a lecture on INTERVIEW SKILLS for final B.Pharm students.

### **Research/ Awards/ Fellowships:**

Research project was sanctioned by **World Noni Research Foundation, Chennai** entitled “**Studies on effect of *Morinda citrifolia L.*” on hepatic disorder (liver cancer)**”

A consultancy project entitled “**Study of Safety Profile of *Morinda citrifolia* LNONI**” approved for our organization.

Dr. P. Selvam received International Travel Grant from ICMR New-Delhi, for presentation of Research paper in 26<sup>th</sup> International conference on Antiviral Research, Sanfrancisco, USA.

## **INDUSTRIAL -INSTITUTION INTERACTION:**

1. Noni Biotech Pvt. Ltd., Chennai made a collaboration with our institution for the ***“Study and Safety assessment of Noni Fruit Juice concentrate”***.
2. Nova College of Pharmaceutical Education and Research enter research collaboration with **OyaGen<sub>inc</sub>, Rochester, New York, USA** for Designing of Novel activator of APOBec.3G as potential inhibitor of HIV replication.

## **PROJECTS COMPLETED DURING ACADEMIC YEAR 2012-2013:**

1. **Hypolipidemic activity of ethanolic extract of shoot of *“Tridax procumbens”*.**  
*Batch: B.Vjramani, G.Srikanth, G.Hema parvathi, J.Swathi, K.Sunnel, R.Harini*  
*Guide: Mrs P.Sravani.*
2. **Antidiabetic activity of *“Ocimum Tenuriflorum L”* in normal and Alloxan induced diabetic Wister Rats.**  
*Batch: Abraham Mounika Shalanti, Bhanu Prakash, Divya Bharathi, Neeraja Annapurna, Likitha Vemula.*  
*Guide: Mr.Amos Babu*
3. **Antidiabetic activity of *“Trigonella Foenum Graecum L”* in normal and Alloxan induced Wister Rats.**  
*Batch: Srinivasa Rao Gali, Rajashekar Reddy K, Deepthi.K, Santhi Rachel.K, Pushpa Latha.K, Hanumantha Srinivasa Rao.*  
*Guide: Mr.Amos Babu.J*
4. **Colorimetric method development for the *“Estimation of Milnacipran and Amlodipine drugs”* in Bulk and Formulations.**  
*Batch: Jaya Kumar, Kalavarigiri Kumari, Hari Prasad, R.Sandhya Rani, B.Udaya Bhanu.*  
*Guide Miss Mubarakunnisa Md.*

**5. Colorimetric method development for the “*Estimation of Nebivolol drug*” in Bulk and Formulations.**

*Batch:A.Jeevan kumar,A.Bhargavi,B.Adina Helga,Ch.Harsha,Jacinth Roopu Vemula,J.Eliazar.*

*Guide:Mr.P.J.V Sagar*

**6. Colorimetric method development of “*Valsatran and Ramipril durg*” in Bulk and Formulations.**

*Batch:N.Varun Kumar,N.Swapna Priya,N.Ravi Teja,N.Subramanyam,N.Nirmal Babu,S.Vema Reddy.*

*Guide:Mrs.A.Swathi*

**7. Phytochemical investigation and anticancer activity of “*Morinda Citrifolia L (Noni)*”.**

*Batch:B.Anjaneyaswamy,Ch.LakshmiNarayana,Ch.Subhashini,D.Subhashini,D.Anusha, G.Divya,M.Thanuja.*

*Guide:Dr.P.Selvam M.Pharm,Ph.D.*

**List of conferences and workshops organized:**

<b>Date</b>	<b>Conference/workshop organized</b>	<b>Resource person</b>
7-1-2013	Fire Safety Training and Demonstration Programme	<b>Johnson</b> B.Tech Fire Safety engineer
2-2-2013	Staff Development Programme (Communication skills, personality development and teaching learning for staff)	<b>Dr. Solmon Arul raj David</b> M.A., M.Ed., Ph.D Assistant professor of Education SRM school of Teacher Education and Research
20-2-2013	Journal Club-Scientific Writing	<b>N. Sriram</b> Editor-in-chief International Journal of Research in Pharmacology and Pharmacotherapeutics (IJRPP)
11-3-2013	One Day Seminar on Biopharmaceutics Pharmacokinetics	<b>N. Sriram</b> Editor-in-chief International Journal of Research in Pharmacology and Pharmacotherapeutics (IJRPP)





## **Our Group of Institutions**

### **Vijayawada & Ibrahimpatnam**

- **Nova College of Engineering and Technology (Co-Ed)**
- **Nova College of Pharmaceutical Education & Research**
- **Nova College of Education (B.Ed. & M.Ed.)**
- **Nova P.G College (M.B.A)**
- **Nova P.G College (M.C.A)**
- **Nova D.Ed. College**

### **Hyderabad & Jafferguda**

- **Nova College of of Engineering and Technology**
- **Nova P.G College (M.B.A)**
- **Nova College of pharmaceutical Education & Research**
- **Nova Business School**
- **Narayana Engineering & Technical Campus**
- **Priyadarshini Degree & PG College**
- **Priyadarshini College of Business Management**
- **Priyadarshini College of Computer Science & Research**

### **Jangareddigudem**

- **Nova College of Engineering and Technology**
- **Nova College of Pharmacy**
- **Nova College of Education (B.Ed. & M.Ed.)**
- **Nova College of Physical Education (B.P.Ed.)**
- **MVN Memorial College of Education**

### **Elluru**

- **Nova's Institute of Technology**
- **MVN Institute of Management Studies & Research**

### **Nuzvid**

- **Nova College of Business Management**
- **Nova College of Elementary Education (D.Ed.)**