



PHARMA DOCKET

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NALANDA INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE & PCI New Delhi , Affiliated to JNTUK)

Siddhartha Nagar, Kantepudi (v), Sattenapalli (M), Guntur (Dt.) PIN: 522438.



PHARMA DOCKET

(NIPS NEWS LETTER)

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MESSAGE FROM CHAIRMAN :

It is a great pleasure to know that Nalanda institute of pharmaceutical sciences is releasing the News Letter in connection with Pharmacy day celebrations. I would like to congratulate all the faculty members and students for introducing the Newsletter "Pharma Docket" which will be a sort of window on the world of Pharmacy. This newsletter is an effort to compile and present to the students challenges and expansions they would face and enter into once they begin their journey in the industry. Meanwhile, it will update the students on the current conditions in and out of the college. I take this opportunity to congratulate the editorial board, teachers and students for the efforts made and the contributions given for bringing out this newsletter, and wish them all the best for their future.

PATRON :

Mrs.A.Vijaya Sarada Reddy



MESSAGE FROM SECRETARY :

The success of great pharmacists and amazing leaders lies in their ability to communicate well. In the same vein, it is important that we, as a College of Pharmacy, effectively communicate with our students, faculty, staff, preceptors, and other stakeholders. As part of our efforts to increase outreach and visibility, we are very pleased to provide you with the inaugural issue of our Nalanda institute of pharmaceutical sciences Newsletter. Each half yearly edition will highlight exceptional achievements of our College and provide important updates about the college.

I look forward to highlighting your successes - professional and personal - as the success of our graduates is the ultimate goal of our college faculty. Our college continues to ascend to ever greater heights. We take immense pride in all aspects of the college and are focused on educating and developing practitioners and researchers who, through their leadership and entrepreneurship, will transform the profession of pharmacy. Keep an eye on Nalanda institute of pharmaceutical sciences- we are creating bright futures for our graduates by preparing them to practice in innovative ways. Enjoy the Pharma Docket Newsletter and look for future editions.

MESSAGE FROM EDITOR-IN-CHIEF/ PRINCIPAL :



It gives me immense pleasure to present to you the first edition of our very own newsletter, "Pharma Docket" as I feel that this would expand the horizons of knowledge and creativity of the students. The newsletter aims at providing information and highlighting various advances and improvements in the field of Pharmacy. Nalanda institute of pharmaceutical sciences has left its marks on the map of Nalanda group of institutions,

and is committed to providing excellent academic demands and extra-curricular activities, while balancing both the sectors perfectly.

As a Pharmacist, we need to play more proactive role in healthcare profession. Therefore, it is extremely important for us to develop awareness and play our role in the chain of the Medical profession, which can be done by organizing various camps, campaigns, competitions, and other activities. But before that, we must ourselves be aware and informed of our role and stand in the present society. This is the sole aim and objective of introducing this newsletter. I wish the editorial board, faculty members and students all the best in this new venture, and also congratulate them for their dedicated efforts put in to bring out this newsletter.

OUR INSTITUTION AT GLANCE:

Nalanda institute of pharmaceutical sciences is the first pharmacy college in the portfolio of Nalanda group of institutions (NGI). Our institution is dedicated to educate aspiring students in the field of pharmaceutical sciences. It is approved by AICTE and PCI. Our college offers B.Pharm,



Pharm-D, M.Pharm with Pharmaceutics, Quality assurance Pharmacology, Industrial Pharmacy, Pharmaceutical analysis.

Our institution is with well spacious buildings and ventilated classrooms with natural lighting, provide with fully equipped global standard laboratories, well furnished libraries and seminar halls and the building is covered by garden.

VISION :

To be a center of excellence in Pharmacy education, research and support services to the society.

MISSION :

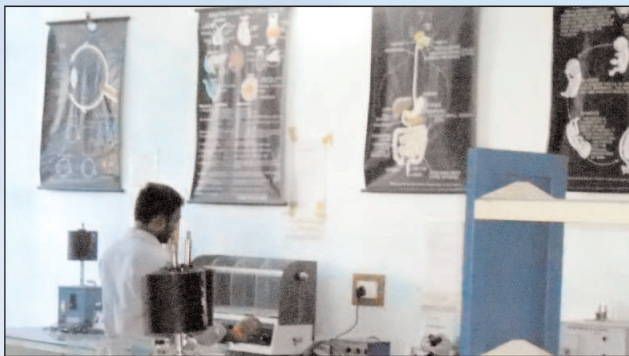
To produce, world class competent and qualified professionals with cutting edge of research and innovation in this field, for the benefit of student community in particular and society in large.

DEPARTMENTS :

PHARMACEUTICAL CHEMISTRY LAB



ANATOMY AND PHYSIOLOGY LAB



PHARMACOGNOSY LAB



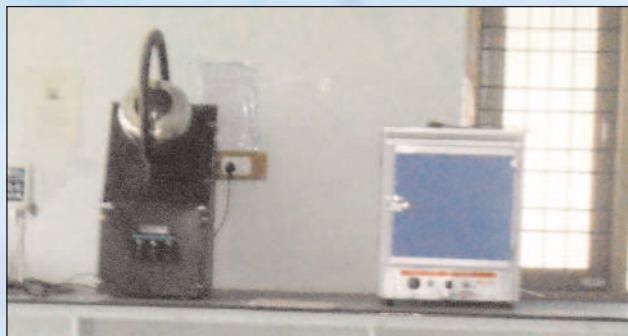
PHARMACEUTICS LAB



MICROBIOLOGY LAB



INSTRUMENTATION ROOM



LIBRARY



PHARM D THE PROFESSION :

GENESIS OF PHARM D:

Globally, Pharmacy profession and education are undergoing unprecedented changes, as the role of pharmacist as a provider of healthcare services, is increasingly recognized, valued and expanded. They should be able to do this by taking responsibilities for managing systems and practices that contribute to the design, implementation and monitoring of rational pharmacotherapy. This will effectuate the defined therapeutic goals with optimal safety and health outcomes. The mission of Pharmacy education evolved from educating pharmacists with a product focus involving the safe and effective preparation and dispensing of medications to educating pharmacists to provide patient centered care and integrate to provide services for safe drug distribution, collaborative drug therapy management, medication therapy management, and medication reconciliation. The need of this Pharm.D. Program is to attune the relationship between safe usage of medication and optimal health benefits. For this mission to be achieved, we need caring, competent, and ethical pharmacists, professionals who are able to think critically and creatively to identify and resolve the health and medication use problems.

OBJECTIVES OF PHARM-D :

1. To provide patient care based upon sound therapeutics principles and evidence-based data.
2. To manage and use resources of health care system along with patients, prescribers and other health care providers to promote health; to provide, assess, and coordinate safe, accurate, and time sensitive medication distribution; and to improve therapeutic outcomes of medication use.
3. To provide community based services and promote health improvement, wellness, and disease prevention in cooperation with patients, at-risk population and other members of an inter-professional team of health care

- providers.
4. To demonstrate skills in monitoring of the National Health programmes and schemes.
5. To develop leadership qualities to function effectively as a member of health care team organized to deliver the health and family welfare services in existing socio-economic, political and cultural environment.
6. To communicate effectively with patients and the community.

SCOPE OF PHARM-D :

Clinical Research :

Clinical research is a branch of medical science that determines the safety and effectiveness of medications, devices, diagnostic products and treatment regimens intended for human use. These may be used for prevention, treatment, diagnosis or for relieving symptoms of a disease. The term clinical research refers to the entire bibliography of a drug/ device/ biologic, in fact any test article from its inception in the lab to its introduction to the consumer market and beyond.

Pharmacovigilance :

It is the science of collecting, monitoring, researching, assessing and evaluating information from healthcare providers and patients on the adverse effects of medications, biological products, herbal and traditional medicines with a view to:
(a) Identifying new information about hazards associated with medicines .
(b) Preventing harm to patients.

Research and Development :

The phrase research and development refers to the "creative work undertaken on a systematic basis in order to increase the stock of knowledge, including edge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications".

Hospital Pharmacy :

The Pharm.D. have the bright future in the near future. Regulatory affairs: Regulatory Affairs (RA), also called

Government Affairs, is a profession within regulated industries, such as pharmaceuticals and medical devices.

Academics :

Could be an opportunity for the candidate to choose.

Community Pharmacy :

It is a community based pharmacy. The main responsibilities of a community pharmacy include appropriate procurement, storage, dispensing, and as well as providing product description and health awareness.

Pharmacoeconomics :

Refers to the scientific discipline that compares the value of one pharmaceutical drug or drug therapy to another.

DEPARTMENTAL ACTIVITIES OF PHARM-D STUDENTS IN VARIOUS HOSPITALS :

a) Patient Counselling :



Around 200 patients have been counseled on various aspects of disease, drug and life style by the students of Pharm D during the ward rounds.

b) Medication History Interview :



Around 150 patients were interviewed about their medical history during ward rounds.

c) Ward Round Participation :



All the students of II, III, & IV Pharm D have been successively participating in ward rounds in various hospitals.

d) ADR Monitoring :



Around 100 Adverse Drug Reactions have been reported by the students in this academic year..

e) Pharmacist Interventions :

All the III, & IV Pharm D students have been successfully involved in the finding out of Pharmacist Interventions

f) Hospital Formulary :

Hospital Formulary is being prepared and revised every year

g) Case Presentations :

Each and every Pharm D student from II to IV Pharm D are allotted a day per week to reciprocate their hospital work by giving case presentations

Approved drug by FDA of August month (2017)

S.No	DRUG	CATEGORY
1	Idhifa	Acute myeloid leukemia
2	Epclusa	Chronic hepatitis c
3	Vyxeos	Acute myeloid leukemia
4	Mavyret	Chronic hepatitis c
5	Carospir	Congestive heart failure
6	Besponsa	Acute lymphoblastic leukemia
7	Lynparza	Ovarian cancer
8	Duzallo	Gout
9	Gocovri	Levodopa induced dyskinesia
10	Kedrab	Rabies prophylaxis
11	Cyltezo	Rheumatoid arthritis
12	Benznidazole	Chagas disease
13	Vabomere	Urinary tract infections
14	Kymriah	Acute lymphoblastic leukemia

RESEARCH AND INNOVATION OUR PRECEPTORS EVALUTION OF ETHANOLIC POLYHERBAL FORMULATION FOR ANTI OXIDANT ACTIVITY

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ABSTRACT :

Aim :The present work Carried out the anti oxidant activity of different polyherbal formulations containg different portion of ethanolic extract. Materials& Methods Based on litreture surveyi have selected traditional used Four plants Polygonum glabrum, Canthiumdicocum ,Ochnaobtusata, Argyreia nervosa collected and plant material is dried according to the standard procedure and using ethanol as solvent the plants are extracted individually The extract is dried and prepared polyherbal formulation of the ethanol extract and used In vitro analysis of anti-oxidant activity. Results & Discussion :In the different polyherbal formulations of ethanolic extract

F1 and F2 having the high flavonoid contents and anti-oxidant activity when they tested by In vitro methods. Among the those two formulations F2 having the high flavonoid content and this can be used for futher evaltution for pharmacological activies.

Key words: polyherbal formulation, antioxidant activity, Polygonumglabrum, Canthiumdicocum, Ochnaobtusata, Argyreia nervosa DPPH, NO-scavenging, flvalods.

DRUG USE EVALUATION OF ANTIBIOTICS IN NON TEACHING TERTIARY CARE HOSPITAL

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(2) Department of PA & QA, Nalanda Institute of Pharmaceutical Sciences, Kantepudi (V), Sattenpalli (M), Guntur (Dist), Andhra Pradesh, India-522 438.

(3) Department of Pharmacology, Nalanda Institute of Pharmaceutical Sciences, Kantepudi (V), Sattenpalli (M), Guntur (Dist), Andhra Pradesh, India-522 438.

Objective :

The main objective is to investigate the irrationality of prescribing patterns of antibiotics in prescription. This helps in improvise rationality of antibiotics by enhancing quality of life and socio-economic status of patient.

Methodology :

It is a prospective observational study done at GBR Hospital.

Results: A total of 170 patients consisting of 101 males (59.4%) and 69 females (40.54%) were enrolled. Among these majority of patients 45(26.47%) were in the age group of 41-50 years. 92(54.12%) patients were prescribed with antibiotics in General Medicine department. The most commonly prescribed antibiotics were Cephalosporin's and tetracyclines. Majority of drugs 66.32% with single drug was prescribed in General Medicine department followed by 23.68% in Neurology. Of the 170 patients analyzed in various departments, it was observed that hospital physicians prescribed antibiotics more rationally with no banned drugs and lesser newer drugs.

Conclusion :

This study states that development of clinical pharmacy services is also necessary to improve rational prescribing of antibiotics. Utilizing of clinical pharmacy services shows benefit of patient health related outcomes and also improves the economic status of patients.

KEYWORDS :

Antibiotics, Prescribing pattern, Antibiotic resistance, Cephalosporin's, General Medicine, Neurology, Quality of Life.

LIST OF PUBLICATIONS :

1. V.Satyanaryana et al Drug Use Evaluation of Antibiotics in Nonteaching Tertiary Care Hospital. Asian Journal of Pharmaceutical and Clinical Research 2017,10(9):451-457.
2. Dr.Ravi Prathap.P et al Pharmacological

Evaluation of Antianxiety Activity of Desmostachya Bipinnata Leaves in Animal Models. International Journal of Current Pharmaceutical Research 2017,9(4):274-277.

3. V.Satyanaryana et al Evaluation of Ethanolic PolyHerabal Formulations for Antioxidant Activity. J.Global Trends Pharma Science. 2017,8(3):4217-4225.
4. Dr.V.S.V.Rao Enhancing quality of pharmacy education and research to meet global challenges discovery pharmacy ,2016,8[18],1-7.
5. Dr.V.S.V Rao et al Role of pharmacist in health care system [review]Eduved International journal of interdisciplinary research,2016,3[4],1-9.
6. Venkatesh Naik S*, Sivaram Prasad Akurathi Ram Bhramha Reddy Formulation and evaluation of immediate release Amlodipine Besylate and Losartan. Potassium film coated tablets, Journal of pharma research,ISSN:2319-5622.
7. Karthik Thammera*,Siva Ram Prasad Akurathi,Ram Bhramha Reddy Formulation and evaluation of Naftopidil immediate release tablets.Indo American Journal of Pharm Sciences,IAJPS 2015, 2(10)1441-1452,ISSN 2349-7750.
8. Lakshmi Prasad J*, Siva Ram Prasad Akurathi,Ram Bhramha Reddy. Formulation and evaluation of Candesaratan oral disintegrating tablets, Journal of Pharma Research, ISSN 23192-5622.
9. Kalyan Chakravarthi.T, Siva Ram Prasad Akurathi,Ram Bhramha Reddy. Formulation and evaluation of Levofloxacin immediate release tablets. International Journal of Pharma and Bio-Sciences,JPRBS,2015 Vol 4(6):238-256.ISSN 2277-8713.
- 10.K.Malleswari etal Microencapsulation:A review on novel approach in drug delivery. European journal of pharmace - uticals and medical research ejpmer , 2016,3[6] , 186-194.
- 11.K.Malleswari etal Preparation and invitro evaluation of stavudine floating sodium alginate beads.World journal of

pharmaceutical sciences Volume 5,
Issue 7 823-834.

12.K.Malleswari et al Floating drug delivery
system-Review World journal of
pharmaceutical research-vol [5] issue
7,648-660.

LIST OF SEMINARS ATTENDED BY STUDENTS :

1. All students of Nalanda Institute of pharmaceutical sciences have participated in 9th National Indian Pharmaceutical Association Student congress [IPASC] on "empowering future pharmacist" held at vikas college of pharmaceutical sciences, Rajamundry during 1-2september 2017.



2. Around 30 students of pharmD have participated in work shop held at vishwa bhārathi college of pharmaceutical sciences.

3. All students of pharm D have participated in 68th Indian pharmaceutical congress [IPC] on "Quality Pharmaceuticals and patient welfare" held at Andhra university college of pharmaceutical sciences , Visakhapatnam during 16-18 december 2016.



4. All students of Pharm D have participated in 3rd Indo - west indies conference on "Advance in pharmaceutical section and health care practice" on 29th july 2016 jointy organized by Association of pharmacy professionals [APP] community and clinical pharmacy division ,APP Andhra Pradesh state branch at Narsaraopeta college of pharmaceutical sciences,Guntur,India.

5. All students of pharm D and B.Pharmacy have participated in National seminar held at Gupta college of pharmaceutical sciences, Tenali ,during March ,2015.

LIST OF NSS ACTIVITIES IN NIPS :

1. Blood grouping was done at nalanda institute of pharmaceutical sciences.



2. Medical awareness program was held at korrapadu village.





3. Vanam manam program was held at Nalanda institute of pharmaceutical sciences.



4. Medical awareness program was held at Dhulipalla Village.



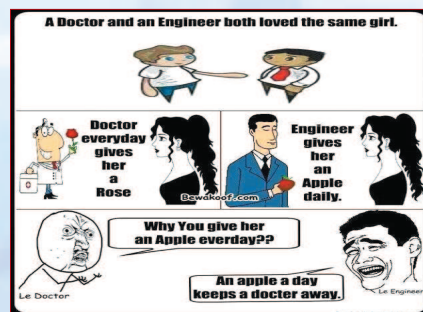
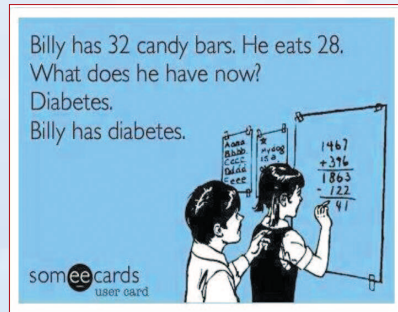
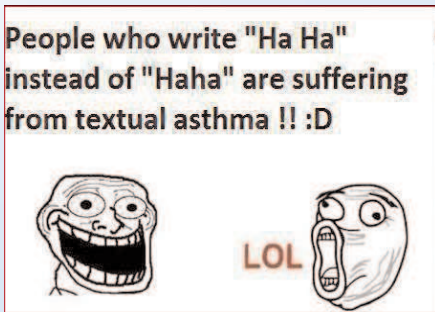
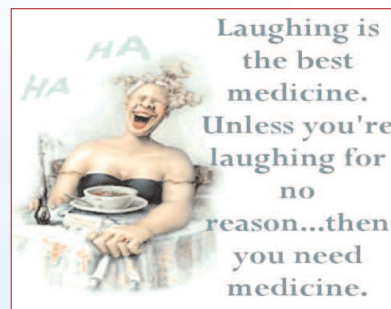
SENIOR TEACHING STAFF



PHARMACIST'S OATH :

- ❖ I Swear by the code of Ethics of Pharmacy Council of India in relation to the community and shall act as an integral part of health care team.
- ❖ I shall uphold the laws and standards governing my profession
- ❖ I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.
- ❖ I shall follow the system. Which I consider best for pharmaceutical care and counselling of patients
- ❖ I Shall endeavour to discover and manufacture drugs of quality to alleviate sufferings of humanity
- ❖ I shall hold in confidence the knowledge gained about the patients in connection with professional practice and never divulge unless compelled to do so by the law
- ❖ I shall associate with organizations having their objectives for betterment of the profession of Pharmacy and make contribution to carry out the work of those organisations,
- ❖ While I continue to keep this Oath inviolated, may it be granted to me to enjoy life and the practice of pharmacy respected by all, at all times!
- ❖ Should I trespass and violate this oath, may the reverse be my lot!

PHARMA JOKES :



UPCOMING PHARMA EVENTS :

- 1) World congress on pharmaceutical sciences. october 5th -7th 2017 Goa.
- 2) 8th asian association of schools of pharmacy conference. october 27th -29th 2017 Mysore.
- 3) Chemtech.south world expo december 13th - 15th 2017. Hitex exhibition centre, Hyderabad.
- 4) 69th indian pharmaceutical congress december 22nd -24th 2017. Chitkara, Punjab.
- 5) Last week of november 2017 two days of national seminar was conducted in nalanda institute of pharmaceutical sciences

MEETINGS INTERNATIONAL CONFERENCES 2017

- 1) Global Meeting on Molecular and Cancer Biomarkers will be held on OCT 12-14, 2017 Dubai, UAE
www.meetingsint.com/oncology-cancer-conferences/biomaeker biomarkers@meetingseries.com
- 2) International Meeting On Women's Health and Breast Cancer will be held on OCT 12-14,2017 , Dubai, UAE
www.meetingsint.com/oncology-cancer-conferences/biomaeker breastcancer@meetingseries.com
- 3) Global Experts Meeting on Neurological Disorders and Stroke will be held on OCT 9-11,2017 ,Osaka , Japan
www.meetingsint.com/neuroscience-conference/stroke

- 4) Global Experts Meeting on Diabetes and Endocrinology will be held on OCT 9-11,2017,Auckland , New zealand
www.meetingsint.com/diabetesand endocrinology-conference/diabetes-endocrinology endocrinology@meetingseries.com
- 5) Global Experts Meeting on Toxicology will be held on OCT 9-11,2017, Osaka, Japan
www.meetingsint.com/pharma-conference /toxicology toxicology@meetingseries.com
- 6) Global Experts Meeting on Clinical Pharmacy will be held on OCT 12-14, 2017, Auckland, New Zealand
www.meetingsint.com/pharma- conference /clinicalpharmacy clinicalpharmacy@meetingseries.com
- 7) Annual Meeting On Pharmacology will be held on OCT 12-14, 2017, Osaka, Japan.
www.meetingsint.com/pharma-conferences/pharmacology pharmacology@meetingseries.com
- 8) Global Experts Meeting on Case Reports will be held on OCT 12-14, 2017, Osaka, Japan
www.meetingsint.com/pharma-conference/casereports casereports@meetingseries.com
- 9) World Nephrology Congress will be held on OCT 09-11, 2017, Osaka, Japan
www.meetingsint.com/nephrology-conference/nephrology nephrology@meetingseries.com



COURSES OFFERED :

B. Pharmacy

Pharm D

M.Pharmacy :

Pharmaceutics

Pharmaceutical Analysis

Industrial Pharmacy

EAMCET CODE : **SIPS**



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