



VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES

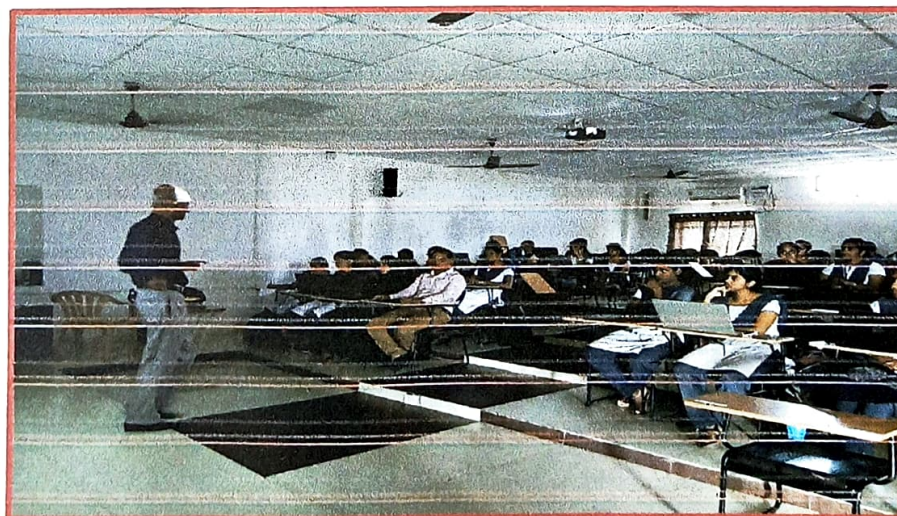
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ARTIFICIAL INTELLIGENCE

The state-of-the-art AI methodologies have shown great capabilities and capacities in recognition of meaningful data patterns and thus been widely experimented as tools for clinical trials, especially, to aid the decision making in each phase for diagnoses and subsequent treatments, as well as prognoses and projections. The Pharm D students deal with the clinical and pharmacy practice AI plays a very vital role for the students to understand and apply in their project work or internship programs.



Dr. G. Sumalatha

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INDUSTRIAL TRAINING

Industrial training, where students undertake a period of training at an organization every year, act as an important part in preparing the students for a professional career. With the actively involved preparation, the students learn about industrial demands.

Every year students experience industrial training as per syllabus prescribed by Andhra University and gain knowledge of various departments like product area, quality assurance department, product development, supply chain, dispensing, compression, tablet coating, film coating, encapsulation, secondary packing, instrumentation in quality control lab and API manufacturing.



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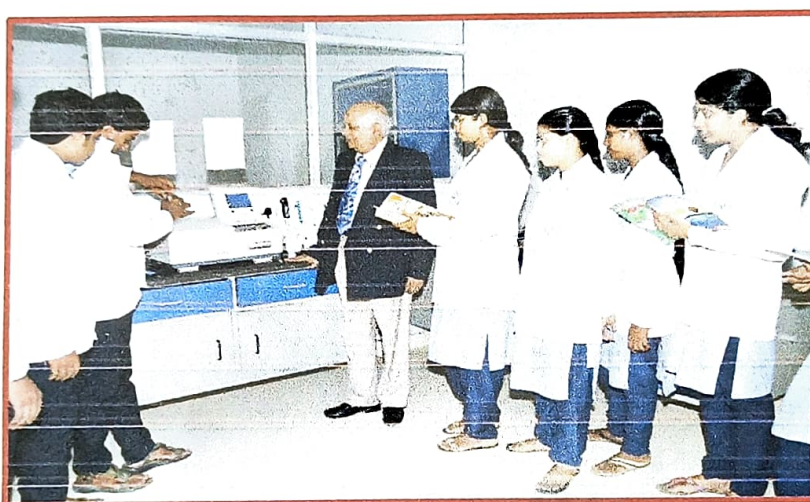
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HANDS ON LEARNING

Students gain knowledge in theory by taking part in pragmatic learning in various laboratories located within the institute. Faculty has designed various experiments according to the syllabus assigned by Andhra University. Students gain practical awareness through live activities and handling the instruments such as UV- Visible spectrophotometry, HPLC, Dissolution and Flame Photometer.



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10th INDIAN PHARMACEUTICAL ASSOCIATION STUDENT FORUM 2019

The 10th National IPA student congress was hosted by IPA Rajahmundry local branch which was organized at Vikas Institute of Pharmaceutical Sciences during 16th – 17th February 2019 with the theme “Need based education: Changes envisaged”. In the two day mega program many events such as oral presentation, dispensing event, Innovative ideas event, Patient counseling event, dance competition, poster presentation were conducted. Each event winners were given a cash prize of 1 lakh rupees. Total cash prize of worth 9 lakhs was awarded to the winners of all competitions.



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2nd and 4th JULY 2018 – THREE DAYS WORKSHOP ON “ CURRENT ASPECTS & ORIENTATION ON PHARMA INDUSTRY

A Three Day Workshop on “ Current Aspects & Orientation on Pharma Industry was Organized by IPA-Rajahmundry Local Branch in association with Vikas Institute of Pharmaceutical Sciences Rajahmundry from 2nd July-4th July 2018. Renowned stalwarts in the Pharmaceutical Industry field Sri.Uma Nandan Misra ,Mr.Ashutosh Dixit & Mr.Venu Gopal Rao trained the students on various aspects of Pharmaceutical Industry. Students were trained on different topics such as Manufacturing, cGMP,Product Development, Drug Design, Handling of Market Complaints, Change Control Management and were also trained on Instrumentation, Principle and handling of various Analytical Instruments.



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9th INDIAN PHARMACEUTICAL ASSOCIATION STUDENT FORUM 2017

9th national IPA student congress was held at Vikas institute of pharmaceutical sciences. This national event was hosted by IPA Rajahmundry local branch, and organized by IPA Mumbai, IPA education division and IPA students forum. Various events were organized for the students such as poster and oral presentation, patient counseling competition, compounding competition, clinical skill competition, Dance competition, interaction and workshop. A prize money of 1 lakh was given to the winners of the competition of each event.



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WORKSHOP ON ANTICOAGULATION CLINIC: ROLE OF PHARMACY PROFESSIONALS

A one day workshop was held on 8th December 2016, at Vikas institute of pharmaceutical sciences in association with IPA local branch, Rajahmundry. The aim of the workshop is to provide a platform for Pharm.D professionals who would be competent and capable of performing safe and effective practice of the health care services. Scott Gier , R.Ph., Pharm.D (USA) and M.Chandra Shekar R.Ph, PhD, FAPhA (USA) were the resource persons who enlightened pharm.D and pharmacy practice students and faculty members from various colleges with better understanding on anticoagulation and Coumadin clinic.

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ASSIGNMENTS

Assignments as a part of internal evaluation process, which would be of immense value as additional learning instrument. Many types of assignments can be given to students such as essays, literature reviews, annotated bibliographies, critical reviews, reflective journals and case studies depending upon the need and learning situations. It implies a task for students to accomplish the aim of learning particular contents, concepts. In this text, learning assignment involve students independent information seeking and use of wide range of information sources. So every semester students are assigned with two topics each subject regarding to their syllabus and asked to gather more relevant information. Allotment of marks to students is given according to their task completion. Through this students are enriched with knowledge regarding of topic, proof reading of and presentation techniques.

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PROJECT BASED LEARNING

Project based learning is a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging and complex question problem or challenge. Project based learning not only provides opportunities for students to collaborate with or drive their own learning, but also teaches those skills such as problem solving and helps to develop additional skills integral to their future, such as critical and thinking and time management. So every year IV B.Pharmacy, V Pharm D and II M .Pharmacy. students are allotted with projects under guidance of faculty to be completed within academic year. Marks are allotted to projects according to their project results, presentation and viva-voce. Research and review articles of their projects are published by students in various national and international journals.

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List of projects IV/IV B.Pharmacy 2020-2021

Sr.No	Name of the Student	Title of the project	Name of the Guide
1.	CH.Anusha K.Satya prakash M.Gopichand	Overview and updates on covid-19	Mr.B.V.B balaji
2.	B.Apoorva P.Venkata sai K.Tulasi P.Sharmila sri sai	A review on patient filling procedure and comparision of drug approval	Ms.K.P.S Praneetha
3.	B.Mahitha J.Sonica jones P.Persis supraja Syed arshiya	A review on self emulsifying drug delivery system	Dr.S.Muralidhar
4.	B.Gireesh B.Suneetha P.Kavya B.Chakrapani	A review on mucormycosis: black fungus in covid-19 patients	Ms.M.Usha
5.	B.Vasudha G.Hima sree K.Rohitha N.Shanthi kumar	Toxidrome	Mr.John kirubakaran
6.	K.Joseph kumar P.Uma devi T.Prasanna kumar	A review on herbs used as cosmetics in skin care	Mr.E.Suresh babu

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	U.Madhuri		
7.	E.Aparanjitha K.Keerthana N.Kalyani P.Sandhya rani	Ant6i microbial cativity opf pomegranate albido methonolic extract	Dr.D.Srilakshmi
8.	G.Bala mani J.Yesu ratnam T.Krishana tulasi U.Satya sri durga	A review on shampoos	Dr.D.Srinivasa sastry
9.	K.Manish sai sitaram J.Sai tejaswini S.Bhavani P.Hema satya bhavani	Core shell technology in high performance liquid chromatography	Mr.K.Leela bhaskar
10.	P.Pushpa sai D.Manohar K.Niharika P.T.S.S Priya	A review on laser induced break down spectroscopy and its applications to pharmaceutical industry	Mr.P.Vasubabu
11.	B.Supriya G.Sasi kumar K.Namratha Sd.Harisa	A review on rosa centifolia: as surgical dusting powder	Mrs.M.Harika
12.	E.Shammi M.Roopaa Md.Shaheena S.S.P.S.Swathi	A comprehensive on drug development from marine sources	Mrs.D.Anupama

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13.	CH.Harshini D.Roshini G.M.S.Satya M.Divya bai	Formulation and pharmaceutical evaluation of poly herbal suspension for treating dengue	Mrs. K.Ramya
14.	B.Siva rama Krishna I.Praneetha K.Vijaya bharathi P.Sucharitha	A review on nanosponges	Mrs.M.Anantha lakshmi
15.	A.Uma maheswari D.Baby G.Lakshmi govardhana R.Madhavi priya	Review on LCMS (liquid chromatography-mass spectroscopy)	Mrs.P.Geetha bhavani
16.	M.Mounika N.Divya P.Yamini latha Fariborz kalantri Nematollah kalantri	Review on ultra performance convergence chromatography and its applications in active pharmaceutical ingredients	Mr.P.Vasubabu

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7.	A study on effect of steroids on acute inflammatory markers in covid-19	N.Satya sri A.Ajay kumar P.Sarath kumar M.Sumanth babu	M.Usha
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List of projects II/II M.Pharmacy 2020-2021 (on-going)

Dept. Of Pharmaceutics

Sr.No	Name of the Student	Title of the project	Name of the Guide
1.	A.Manasa	Formulation and evaluation of 'Siunerizine' fast disintegration tablet	D.Srinivasa sastry
2.	Ahila devi	Preparation and characterisation of copper querepin noncomplex and its efficacy on cervical cancer	Harika
3.	M.Baby ratnam	Floating drug delivery system of 'Aceclofenac'	S.Muralidhar
4.	P.Sridhar	Enhancement of solubility and	S.Muralidhar

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		dissolution rate 'BCS' class-II drugs	
5.	P.Durga prasad	Design and development solid lipid nanoparticles of 'Clonazepam'	M.anantha lakshmi
6.	S.Jahnavi purna	Formulation and evaluation of 'Voriconazole' gastro retentive floating tablet.	D.Srinivasa sastry

List of projects II/II M.Pharmacy 2020-2021 (on-going)

Dept. Of Pharmaceutical Analysis

Sr.No	Name of the Student	Name of the Guide	Title of the project
1.	Adapa.Devi	Method development and validation for simultaneous estimation of pitavastatin and fenofibric acid by using UPLC	Dr. D.Srilakshmi
2.	A.Lakshmi prabha	Method development and	P.Vasubabu

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		validation of sacubitril and valsartan By UPLC	
3.	B.Sowmya sree	Method development and validation for simultaneously estimation of methotrexate and folic acid by UPLC	P.Vasubabu
4.	E.Aruna kumari	Method development and validation for simultaneously estimation of Aceclofenac and Misoprostol by UPLC	P.Vasubabu
5.	K.Naveena kumari	Method development and validation for simultaneously estimation of Prasugrel hydrochloride and aspirin by using UPLC	P.Vasubabu

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6	Sabeetha	Development and validation of stability indicating UPLC method for the simultaneous determination of Escitalopram and Flupentixol	Dr. D.Srilakshmi
7	K. Pavani	Analytical method and development validation for the estimation of emtricitabine and tenofovir by UPLC method	Dr. D.Srilakshmi
8	Durga prasad	Method development and validation for simultaneous estimation of cobicistat and darunavir by using UPLC	Dr. D.Srilakshmi
9	Manisha	Method development and validation of cefixime and lactobacillus by UPLC	P. Geetha bhavani

Geetha
Dr. P. Geetha Bhavani

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List of projects II/II M.Pharmacy 2020-2021 (on-going)

Dept. Of Drug Regulatory Affairs

Sr. No	Name	Project Title	Guide
1	CHIKKALA LAKSHMI PRASANNA	A COMPARATIVE STUDY ON REGULATORY SYSTEM & COMPLIANCES IN ASEAN	Ms. K P S Praneetha
2	D ANUSHA NIHARIKA	DRUG REGULATORY SYSTEM IN US AND EUROPE WITH COMPARATIVE STUDY OF MARKETING AUTHORIZATION IN LATIN AMERICA AND EUROPE	Dr. S Muralidhar
3	DIVYASRI SALADI	REGULATORY REQUIREMENTS OF CLINICAL TRAILS - GLOBAL SCENARIO AND PREPARATION OF A PROPOSAL FOR CONDUCTING CLINICAL TRAILS ON VACCINE	Dr. D Srinivasa Sastry
4	DUGGIRALA LAVANYA	ANDA FILING PROCEDURES FOR DIFFERENT COUNTRIES AND FORMATS WITH RESPECT TO CTD AND eCTD	Mrs. M Ananthalakshmi
5	GADU SRAVALI	CURRENT APPROVAL PROCEDURE FOR NEW REGULATIONS, STANDARDS, POLICIES & GUIDENCE ISSUED BY REGULATORY AUTHORITES	Dr. D Srinivasa Sastry
6	G DEVI	GLOBAL PROCESS FOR GENERIC	Dr. D Srinivasa

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	SARANYA	DRUG APPROVAL	Sastry
7	K SATYA CHAKRA DURGA	RECENT ADVANCEMENTS IN NUTRACEUTICALS AND HERBAL PRODUCTS A COMPARATIVE STUDY IN INDIA, UNITED STATES, JAPAN	Ms. K P S Praneetha
8	M THANUJA	A COMPARATIVE STUDY ON DRUG MASTER FILE IN CHINA, US AND EUROPE	Dr. S Muralidhar
9	V L DEEPIKA	INTERNATIONAL PATENT FILING PROCEDURES	Ms. K P S Praneetha

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