

2.3.1

STUDENT CONCENTRIC METHODS

2.3.1 Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

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DESCRIPTION

Aditya College of Pharmacy make great efforts for innovative teaching methodologies to enrich the learning capabilities of students by adopting student centric methods like experiential learning, participative learning and problem solving methodologies.

- **Experiential learning:** Faculty foster learning environment by engaging in rich experiential content of teaching through experimentation, demonstration, collaborative learning, flipped classes, online classes, webinars, video lectures, visual aids, industrial visits, organizing exhibitions and skill development programs.
- **Participative Learning:** Students participate in learning activities like – Group Discussions, Assignments, Elocution, Quiz, Case Study, Charts, herbarium sheets, Projects etc.
- **Assignments:** Students are allotted assignment topics to improve their semantic skills and learning experiences.
- **Problem solving methodologies:** Problem-solving is used to learn to work in teams, and similar transferable skills” rather than the subject.
- **Student seminars:** Student seminars are mandatory in all programs of the institute.

Group discussions: To develop conceptual frameworks, to learn problem solving skills and to share their own ideas on the concepts, group discussions are conducted.

Journal Club: Students and faculty gather to discuss scientific paper/findings found in a research journal.

Seminars / Workshops / Conferences: Seminars, Workshops / Conferences are organized by the institute where students participate to enrich their learning experience.

Group Learning Method: Group learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with peer group.

Internship: Students during final year are allowed to perform 1 month internship in an approved industry/hospital.

Clerkship/ Hospital posting: Students of Pharm. D program shall undergo 50 hours of hospital posting during second, third and fourth year of the program. In fifth year, every student shall attend ward rounds on daily basis as a part of clerkship.

Project work: Students during fifth Pharm.D, final semester(s) (B. Pharmacy and M. Pharmacy) undergo project work for 6 months to 1 year to build up team work and group skills.

Minor and Major Projects: Students in groups are allotted for a minor research project.

Entrepreneurial skills: Students are trained for entrepreneurial skills and encouraged to involve incubating ideas for commercialization.

Practical Knowledge Learning through Extra Curricular Activities: Students participate in various extra –curricular activities organized by the institution and are encouraged to participate in inter-collegiate competitions. They also engage in editing “PRAXIS” and newsletters, to express their creative thinking.

Learning through extension activities: Students participate in extension activities through NSS.



Supportive classes and quality enhancement of teaching: Additional inputs were provided to the students by teaching supportive classes as Quality Enhancement of Teaching through interdisciplinary lectures.

Enhancing Learning experiences during Pandemic: During first phase (2019-2020) students were motivated to utilize the learning resources – power point presentations, video lectures, practical demonstrations, online quizzes, assignments, crossword puzzles, student seminars etc. During second phase academic calendar is revised to complete all practical courses by April 2020 by offline and the theory courses were completed via online.



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1. Experiential Learning

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1.1 ADD-ON/VALUE ADDED/CERTIFICATION COURSE

To assist the students to meet industrial needs, the institute provides a variety of certification and skill-development courses.

S. No.	Name of Add-on/Certificate Course	TYPE OF ADD-ON COURSE	Duration of course (Hrs.)	No. of students	Branch and year of offering
1	Pharmaceutical sales and marketing	SELF-FRAMED COURSE	30	95	IV B.PHARMACY
2	Good laboratory practices for fail-safe and effective experimentation	SELF-FRAMED COURSE	36	97	II B.PHARMACY
3	Improving mental health and suicidal prevention	SELF-FRAMED COURSE	30	151	I B.PHARMACY & I PHARM.D

PHARMACEUTICAL SALES AND MARKETING



ADITYA COLLEGE OF PHARMACY
Aditya nagar, Surampalem,
Andhra Pradesh 533137

A VALUE-ADDED course on
"Pharmaceutical sales and marketing"

Eligibility: III B.Pharmacy

Students who are interested to join the value-added course should contact the respective coordinator

<p>Coordinator: K.Korutla Sai Asst. Professor, Aditya College of Pharmacy</p>	<p>Resource Person: P.Prakashini Asst. Professor, Aditya College of Pharmacy</p>	<p>Coverseer: Dr.K.Ravindhar Principal, Aditya College of Pharmacy</p>	<p>Patron: Dr.N. Satish Reddy Vice-Chairman, Aditya Educational Institutions</p>
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DURATION:
09th July 2022
to
06th August 2022
(Every Saturday)



All the students enrolled in this course will be provided with a certificate

Good laboratory practices for fail-safe and effective experimentation



VALUE ADDED COURSE ON GOOD LABORATORY PRACTICES FOR FAIL-SAFE AND EFFECTIVE EXPERIMENTATION



Eligibility: II B.Pharmacy

Students who are interested to join the value-added course should contact the respective coordinator

Coordinator: T.Prashanthi
Asst. Professor,
Aditya College of Pharmacy



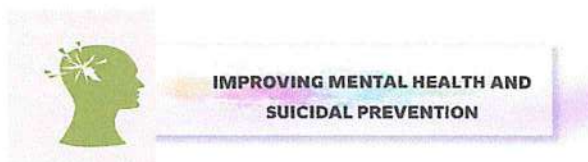
Resource Person: S.P.N.Kumar
Asst. Professor,
Aditya College of Pharmacy

All the students enrolled in this course will be provided with a certificate

Improving mental health and suicidal prevention



Organizing VALUE ADDED COURSE ON



DURATION
21st January to 25th February 2023 (every saturday)

Co-ordinator	Resource Person & convenor	Patron
K.Ganeswari Asst.Professor Aditya college of Pharmacy	Dr.K.Ravi Shankar Principal Aditya college of Pharmacy	Dr.N.Satish Reddy Vice Chairman Aditya Educational Institutions



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1.2 . HANDS ON TRAINING PROGRAMS

To assist the students to meet industrial needs the institute provides a variety of certification and skill-development courses that train with laboratory instruments.

No.	Name of Add-on/Certificate Course	TYPE OF COURSE	Duration of course (Hrs.)	No. of students	Branch and year of offering
1.	Hands on Training of Laboratory Techniques in Organic Synthesis	ELF-FRAMED COURSE	5	5	II B.PHARMACY
2.	Handling of Animals	ELF-FRAMED COURSE	0	6	V PHARM.D
3.	Hands on training program in analytical instruments	ELF-FRAMED COURSE	0	9	III B.PHARMACY

Hands on Training of Laboratory Techniques in Organic Synthesis

ADITYA
COLLEGE OF PHARMACY

**A VALUE ADDED COURSE ON
HANDS ON TRAINING OF LABORATORY TECHNIQUES
IN ORGANIC SYNTHESIS**

ELIGIBILITY
III PHARM D

CO ORDINATOR
A.Y. KATAPATI
ASST PROFESSOR

RESOURCE PERSON
D.M.R. YADGINI
ASST PROFESSOR

**26TH AUGUST
TO
21ST OCTOBER
2022
(EVERY FRIDAY)**



Handling of Animals

ADITYA COLLEGE OF PHARMACY

UNIVERSITY APPROVED BY AICTE, A.P.C.D.
Website: www.aditya.ac.in Email: office@aditya.ac.in
ADITYA NAGAR, AGB ROAD, SURAMPALEM 523 437 E.C. EN. PH. 99492/90541

**VALUE ADDED COURSE ON
HANDLING OF ANIMALS**

Eligibility: IV PHARM D
Students who are interested to join the value-added course should contact the respective coordinator

Coordinator: K.Shruthi
Asst. Professor,
Aditya College of Pharmacy

Resource person: Dr.K.Ravishankar
Principal,
Aditya College of Pharmacy

DURATION
03RD FEBRUARY TO 03RD MARCH, 2023 (EVERY FRIDAY)

Hands on training program in analytical instruments

ADITYA COLLEGE OF PHARMACY
Aditya nagar, Surampalem,
Andhra Pradesh 533437

A VALUE-ADDED course on
**"HANDS ON TRAINING PROGRAM IN
ANALYTICAL INSTRUMENTS"**

Resource Person: N.Divya
Asso. Professor,
Aditya College of Pharmacy

Coordinator: M.Vinny Therissa
Asst. Professor,
Aditya College of Pharmacy

Eligibility: III B.Pharmacy

DURATION:
11th March, 2023
to
29th April, 2023
(Every Saturday)

All the students enrolled in this course will be provided with a certificate



1.3 Industrial Visits

Visits to industries are regarded as tactical teaching and training techniques. This industry visit's major goal is to provide students with a hands-on grasp of concepts through interaction, working procedures, and employment practices. Additionally, it offers visibility from a scholarly standpoint. The primary goal of the industrial trip is to provide students with knowledge of the real workplace. They also offer a wonderful chance to thoroughly comprehend industrial practice. To obtain experience in the many subject areas, our interns frequently tour industries.

During an industrial tour, a student is exposed to the resources, tools, and processes of a pharmaceutical industry. The students will gain expertise in work ethics, communication, management, and other areas as a result of their travels.

Students participate in industrial training every year and learn about a variety of departments, including Quality Assurance, Quality Control, Tablets, Capsules, Vaccine Manufacturing, Analytical Research and Development, Clinical Research, Drug Regulatory Affairs, Hospital Pharmacy, etc. In order to gain firsthand knowledge of industrial affairs, IV Year B. Pharmacy Students visited Lord Venky Pharma. Pvt. Ltd., SELDOM Pharma Pvt. Limited Industry and Green Park Industry.

Name of the Collaborating agency with contact details	No. of Participants	Date of signing MOU	Duration
SELDOM PHARMA PVT.LIMITED, YANAM	53	23-03-23	AUTO RENEWAL



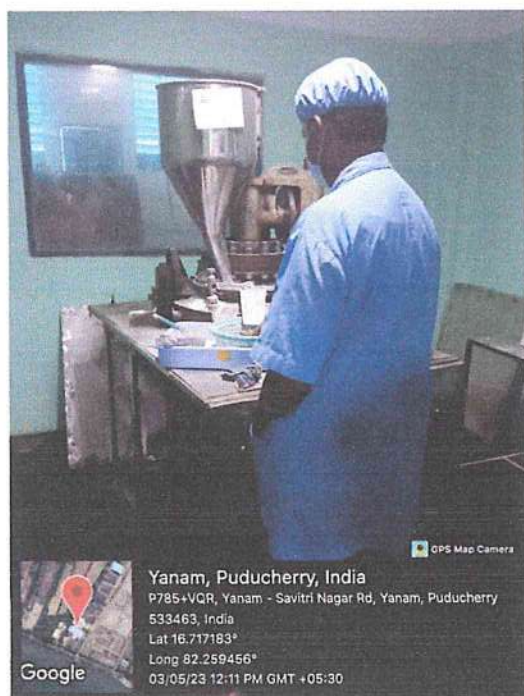
SELDOM Pharma Pvt. Limited Industry

Students visiting the site



Students along with the faculty on the day of industrial tour

Students learning the importance of GMP at the site



1.4 Internship and In-plant training

The institute promotes active student participation in internship training initiatives. It enables students to obtain beneficial work experience, explore a career path, offer themselves a competitive edge in the job market, develop and hone skills, connect with experts in the industry, build confidence, and transition to a job.

NAME OF THE COLLABORATING AGENCY	PARTICIPANTS	DEPARTMENT
ANALOG LABS	58	IV B.PHARM
ACTIVE PHARMA LABS	21	IV B.PHARM
PHARMAZELL PVT.LTD	12	IV B.PHARM
FOREL LABS PVT.LTD	1	IV B.PHARM
PHARMA DEEP REMEDIES	1	IV B.PHARM
GRANULES INDIA PVT.LTD	1	IV B.PHARM
AUROBINDO PHARM.PVT.LTD	1	IV B.PHARM
CAPITAL HOSPITALS	1	IV B.PHARM
KARTHIKEYA DRUGS & PHARMACEUTICAL PVT.LTD	4	IV B.PHARM
GSL MEDICAL COLLEGE AND GENERAL HOSPITAL ,RAJAHMUNDY	21	V PHARM.D





Students are examining an In-patient at the ward

Students are working at the pharmacy to understand its functioning and practice dispensing



Students are conducting bedside patient counseling.

2. Participative Learning

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2.1 Community Service

Volunteering in your community can represent the causes you're passionate about while also demonstrating a level of civic knowledge and empathy for others. The institute believes that valuing community service a student Is likely to be active outside of class.

S. No	Name of activity	Date of activity	Place	No. of students participated
1.	Medical Check-up and Medical camp at Rajanagaram	3 rd and 6 th April 2023	Surampalem and Rajanagaram	34
2.	National Deworming Activity	14 th March 2023	Aditya College of Pharmacy	22
3.	Women's day Celebrations	08 th March 2023	Aditya College of Pharmacy	21
4.	Cleanliness and Road Sanitization	10 th February 2023	High school, Gorinta	12
5.	National Girl child day	24 th January, 2023	DIVILI, Aditya College of Pharmacy	18
6.	Republic Day	26 th January, 2023	JNTUK	12
7.	Groceries Distribution for Needy	4 th January 2023	Grama Panchayati Pulimeru	24
8.	Mini Medical Camp & Village Survey	24-12-2022	Gorinta	22
9.	SVEEP-Systematic Voters' Education Electoral Participation	0.6-12.2022	Aditya college of pharmacy, Surampalem	36
10.	Soil Day	05-12-2022	Grama Sachivalayam, Annuru	21
11.	AIDS & Tuberculosis Camp	01-12-2022	Area Hospital Peddapuram	32
12.	Clean India Campaign	29-11-2022	Rameswaram Peta	27
13.	Free Medical Camp	12-11-2022	Pulimeru	56
14.	Tree Plantation	29-10-2022	Aditya college of Pharmacy, Surampalem	56

15.	National Pharmacy week (Free Medical Camp)	24-09-2022	Surampalem, Elakolanu	20
16.	Poshan Abhiyan	16-09-2022	Annuru Anganwadi	45



students distributing groceries



Students are planting trees



Inauguration of AIDS Day in collaboration with other healthcare professionals



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2.2 ORGANIZING AND PARTICIPATING EVENTS:

World pharmacist day is observed annually on September 25TH the day is marked as an opportunity to appreciate the support the hardship of healthcare workers who dedicate their lives to serving mankind with compassion and understanding. Aditya college of pharmacy has organized a national pharmacy week to raise awareness about the prominence of pharmacists in society.

S. No.	Event	Year	Place	No. of Participants
1.	WORLDS PHARMACIST DAY	24/09/2022	ACOP	20



Students are giving medicines and checking

Title	Authors Name	Pharm.D Batch	Details of Journal
Medication Adherence of Antibiotics Used in Vulnerable Population at Selected Tertiary Care Hospital in A.P	Amit Kumar ¹ , S K Panda, Divya S Nair, Padala Srilakshmi, and Sruthi Sreenivasan	2022-23	Journal of Drug and Alcohol Research 2022; 11(5)
Formulation and evaluation of FAST dissolving orodispersible films of Carvidilol	Divya Narla [*] , SPN Kumar, Valluri Hanitha Devi, Tadala Gangotri, Viyyuri Madhavi Gayatri	2022-23	High Technology Letters , 2022; 28(8): 446-456
A Review on the Prevalence of Cervical Dysplasia in Various Geographical Locations	P.Kranthi Priya [*] , Nisha Singh, Ch.Gunawanti Babu, M.Ramya, Amit Kumar	2022-23	Journal of Clinical and Pharmaceutical Research 2022: 2 (4): 58-60
A Review on Cerebrotendinous Xanthomatosis (CTX): A Rare Autosomal Recessive Inherited Disease	Ritik Kashyap [*] , Kumar Akash Saha, L.Devakar, Amit Kumar	2022-23	Journal of Clinical and Pharmaceutical Research 2022: 2(4): 55-57
A Study on the Assessment of Mental Cognitive Functions among the COPD patients of various severity stages (Student Publication)	P.Kranthi Priya ^{1*} , Pravin Kumar Ray ¹ , Nisha Singh ¹ , S. Beulah ¹ , V. Manju ¹ , Dr. Somnath Dash ²	2022-23	Journal of Clinical and Pharmaceutical Research 2022: 2 (3), 42-44
A Case Report on Non Ischemic Dilated Cardiomyopathy	L.Devakar [*] , Ritik Kashyap, Kumar Akash Saha, Amit Kumar	2022-23	Journal of Clinical and Pharmaceutical Research 2022
A Case Report on Neurocysticercosis in Children	Palla Kranthi Priya ^{1,*} , Vedurupaka Sushma Sri ¹ , Murre Abhishek ¹ , Nisha Singh ¹ , Amit Kumar ¹ , G Kalyana Chakravarthy	2022-23	Indian Journal of Pharmacy Practice 2023: 16(2): 166- 68
A case study: henoch-schonlein purpura in a geriatric patient with gastrointestinal involvement henoch-schonlein	Suberna Basnet, Sanjana, Yalla Sai Vijaya Durga, Allu Tejaswi, Amit Kumar	2022-23	Asian Journal of Hospital Pharmacy; 2023: 3 (1) 5-8
A Case Report of Drug Induced Erythroderma in Diabetic Patient	Suberna Basnet, Sanjana, Santoshi Saladi, Yallasai Vijaya Durga, Amit Kuma	2022-23	World Journal of Current Medical And Pharmaceutical Research 2023: 5(2):



			20-21
A Case Report on Ischemic Mitral Regurgitation	P.Kranthi Priya, M. Ramya, V. Sushma Sri, M. Mounica, Amit Kuma	2022-23	World Journal of Current Medical And Pharmaceutical Research 2023: 5(1): 7-8



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2.4 MODEL MAKING

Models help students to dial down their flow of thoughts and inspire them to consider scientific concepts in-depth and creatively. By asking students to develop models, teachers can gain insight into their present understanding and misconceptions by seeing how they think. The institute encourages students to participate in scientific model making competitions organized by the college.



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Group	Roll No.	Name Of The Students	Name of model	Purpose
1	193H1R0006 193H1R0013 193H1R0023 193H1R0043	B. Prameela D. Mahalakshmi K. Sampath S.Divya Sri	DNA structure	To understand the double helix structure of DNA
2	213H1R0054 213H1R0079 213H1R0077 213H1R0089 213H1R0093	Neelima Bikkina Pilli Neeraja Leticia N Sneha Roy G. Esther Hephizibah	Excretory system	To understand the function of excretory system
3	213H1R0043 213H1R0066 213H1R0069 213H1R0075	Sooraj Singh Sanjeev Kumar K.V.S.M Varma M.Pradeep	Neuron conduction and control	To understand the anatomy and physiology of a neuron
4	213H1R0061 213H1R0065 213H1R0059 213H1R0080	Bishal Shah Dwip Joy Avijeeth Ranjeeth	Digestive system	To understand the anatomy and physiology of a digestive system
5	213H1R0088 213H1R0084 213H1R0062 213H1R0092	S.Rasi Sravya Rahitya Ch.N.L.M.Thayaru S.Tharuna Sree	The Heart	To understand the function of heart in the circulatory system
6	193H1R0001 193H130017	A.Nalini G.Madhuri	DNA model	To understand the 3D structure of DNA
7	193H1R0018	Sai Sudha	Mitosis	To understand the different phases of mitosis
8	213H1R0026	K.Nirmala	Meiosis	To understand the different phases of meiosis
9	213H1R0071	G.Veera Mani	Neuron	To understand neuron conduction
10	213H1R0037 213H1R0038	P.Naga Divya	Respiratory system	To understand the anatomy and physiology of respiratory system



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Group	Roll No.	Name Of The Students	Name of model	Purpose
11	213H1R0001	D.Aishwarya Lahari B.Supriya Mahitha K.Hima Sri	Urinary system	To understand the function of urinary system
12	213H1R0011 213H1R0012 213H1R0017 213H1R0004 213H1R0023	Vijaya Lakshmi Raaga Surekha J.Sai Shiva Deepthi Pranathi	Muscle contraction model	To understand the mechanism of muscle contraction
13	213H1R0019 213H1R0020 213H1R0014 213H1R0003	K.Rajesh Bharathi Aishwarya Dinesh	Effect of smoking on lungs	To describe the mechanism of nicotine on lungs and understand its consequences
14	193H1T0011 193H1T0010	M.Vijay Raj Kumar K.Kranthi Kiran	Peptic ulcer disease and treatment	To understand the action of antacid in treating PUD
15	193H1T0009 193H1T0023 193H1T0012 193H1T0031	K.Adarsh S.Poojitha N.Anniechristine V.Kranthi Swaroopa	UV spectrophotometer	To understand the working principle of UV spectrophotometer
16	203H1R0015 203H1R0020 203H1R0051 203H1R0047	G.Manasa K.Shobha Rani V.Roshitha S.Pushpa	Automatic dispensing machine	To understand the functioning and significance of an automatic dispensing machine
17	203H1R0041 203H1R0011 203H1R0010 203H1R0005 203H1R0044 203H1R0032	P.Titus Ch.Dayakar Ch.S.V.Leela Kumar P.Bala Bhaskarudu' R.Bharath Kumar N.Satish	Hammer mill	To understand the working principle of hammer mill



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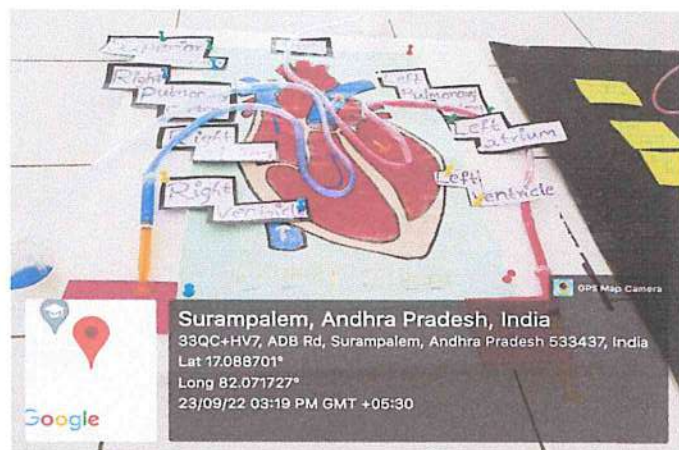
[Students are presenting their scientific models in groups]



[Judges are assessing the models]



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3.Problem-Solving Methodologies

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3.1 MINI & FINAL YEAR PROJECTS

PROJECT BASED LEARNING:

An educational strategy called project-based learning aims to give students the chance to advance their knowledge and abilities through interesting projects. In addition to giving students the chance to work together or take charge of their own learning, project-based learning teaches essential skills like problem-solving and aids in the development of other abilities crucial to their future, such as time management and critical thinking. As a result, faculty members assign IV B. Pharmacy and II M. Pharmacy students a project each year to finish within an academic year.

According to PCI/University standards, the students' project is a requirement for their successful completion of the course.



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UG Course:

B. Pharmacy

Students carry out project for a duration of 6 months in a team of 4-5 students during final-year as part of their curriculum.

S.NO.	REGD.NO.	STUDENT NAME	GUIDE NAME	PROJECT TITLE
1	183H1R0070 193H1R0001 193H1R0002 193H1R0003 193H1R0004	CH NAGA VENI ALLURI NALINI ANKANI HEMA BERA PAVANI BODDETI SUDHEER	K VENKATESWARLU	FORMULATION AND EVALUATION OF SERTRALINE HYDROCHLORIDE MICROSPHERES EMBEDDED IN TRANSDERMAL FILM
2	193H1R0005 193H1R0006 193H1R0007 193H1R0008 193H1R0009	BOLEM DINESH TEJA BONGU PRAMEELA CHATRATI MURALI KRISHNA CHINTAKAYALA NAGUR RAJU DARAPUREDDY GOWRI PRIYA	K GNANESWARI	EVALUATION OF IN-VIVO ANTI-AMNESIC ACTIVITY OF ETHANOLIC LEAF EXTRACT OF OCIMUM SANCTUM
3	193H1R0010 193H1R0011 193H1R0012 193H1R0013 193H1R0014	DAYAM HELEENA SUKEERTHI DEVARAKONDA SEETHA LAKSHMI DIVI BHARGAVI DEVI DWARAMPUDI MAHALAKSHMI GOLISINGI URVASIDEVI	N DIVYA	STANDARDIZATION AND EVALUATION OF POLY HERBAL FORMULATION (PLATENZA TABLETS)
4	193H1R0015 193H1R0016	GUBBALA SONY MAHESH VARDHANI	K KEERTHI SAI	COMPARATIVE STUDY OF DIFFERENT SUPERDISINTEGR

	193H1R0017 193H1R0018 193H1R0019	GUJJA THARUN GUNAPU PUSHPA MADHURI INDIGA SAI SUDHA JAMMI SATYA VENKATA SURENUKA		ANTS IN DESIGNING OF DICLOFENAC SODIUM FAST DISINTEGRATING TABLETS
5	193H1R0020 193H1R0021 193H1R0022 193H1R0023 193H1R0024	KADALI KUMARA VARA PRASAD KODE JAHNAVI KOPPISETTI LAKSHMI NARAYANA KORIPALLI GIRISH SAI SAMPATH KOSANAM EVANGIL	A.S. GAYATRI	EXTRACTION, PHYTOCHEMICAL AND BIOLOGICAL SCREENING OF SANTALUM ALBUM
6	193H1R0025 193H1R0026 193H1R0027 193H1R0028 193H1R0029	KOTHADATTI MOUNIKA KOTHAPALLI NIRMALA KUCHIPUDI MOUNICA KURRU GOVARDHINI LANKE SOWMYA	B.N.B. VAIDEHI	PHYTOCHEMICAL SCREENING AND ANTIHELMENTHIC ACTIVITY OF ETHANOLIC EXTRACT OF WATERMELON RIND
7	193H1R0030 193H1R0031 193H1R0032 193H1R0033 193H1R0034	MADDALA DURGA SESHAGIRI MONANGI ASRITHA MORTHA YAMINI NALLI ANNPREETHAM NALLURI DIVYA SRI	J.M SRUTHI	PRELIMINARY PHYTOCHEMICAL SCREENING, IN- VITRO ANTIBACTERIAL AND ANTHELMINTIC ACTIVITIES OF ETHANOLIC EXTRACT OF CATHARANTHUS ROSEUS
8	193H1R0035	NEELAPALA SURYA		



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	193H1R0036 193H1R0037 193H1R0039 193H1R0040	MAHALAKSHMI PACHARU SAMBHAVI PAILA KEERTHI PATTA SWAPNA POLAKI SIREESHA	DR.K. RAVI SHANKAR	EVALUATION OF IN-VITRO ANTI OXIDANT AND ANTI- INFLAMMATORY ACTIVITIES OF ETHANOLIC PLANT EXTRACT OF SIDA ACUTA
9	193H1R0041 193H1R0042 193H1R0043 193H1R0044 193H1R0045	POTHU SUNITHA REGAM SARASWATHI SABBELLA DIVYA SRI SALADI LIKHITHA SAMUDAYAPALEPU MOUNIKA	M.S.S. DURGA	FORMULATION AND EVALUATION OF CIPROFLOXACIN FLOATING TABLETS USING NATURAL SWELLABLE POLYMERS
10	193H1R0046 193H1R0047 193H1R0048 193H1R0049 193H1R0050	SHAIK ASHROF SAMEER SIDDANTHAPU KALYANI SUDHABATTULA SAI BABU SUPRAJA SIDDHANTAPU SURAMPUDI VEERA ANITHA	M.VINNY THERISSA	DEVELOPMENT AND VALIDATION OF COLORIMETRIC METHOD FOR THE QUANTITATIVE ANALYSIS OF AMIKACIN IN BULK AND PHARMACEUTICA L DOSAGE FORMS
11	193H1R0051 193H1R0052 193H1R0053 193H1R0054 193H1R0055	TEKI LEELA BHAVANI THOTA SATYA SAI TUMPALA HARIKA RAMYA BANALA LIKHITHA VADDADI KRISHNA PRIYA	T. PRASANTHI	FORMULATION AND EVALUATION OF AMLODIPINE SUSTAINED RELEASE MICROSPHERES
12	193H1R0056 193H1R0058	AASTHA SINGH ABRAR ANSARI		FORMULATION AND EVALUATION OF TRANSDERMAL



	193H1R0061 193H1R0062 193H1R0063	AMATAM SAI MANOGNA ARCHANA KUMARI SOUVIK DAS	S.P.N. KUMAR	PATCHES CONTAINING DONEPEZIL HYDROCHLORIDE
13	193H1R0064 193H1R0065 193H1R0066 193H1R0067 193H1R0068	ARYAN KUMAR ASHISH PRASAD KOHAR BANDE NAGA GANGA RAO BIJAY KUMAR CHAUHAN BIKASH KUMAR RAUNIYAR	DR.K. RAMAKRISHNA	PHYTOCHEMICAL EXTRACTION OF ABUTILON INDICUM AND ITS ANTI-HELMINTIC AND ANTI- MICROBIAL ACTIVITY
14	193H1R0069 193H1R0070 193H1R0071 193H1R0072 193H1R0073	BIKASH KUMAR YADAV DHANANJAY YADAV GOVADA VEERAMANI GUDDU KUMAR SAH HIMADRI SINHA	P. PRASANTHI	FORMULATION AND EVALUATION OF FLOATING MATRIX TABLETS OF CIPROFLOXACIN
15	193H1R0074 193H1R0075 193H1R0076 193H1R0077 193H1R0078	JUJJAVARAPU HEMASATISH JUSTIN THANGSUOLIEN KHOBUNG K.KALPANA KADA RATNAKAR RAO KESHAB RUNGTA	DR. G. VEDAPRIYA	PRELIMINARY PHYTOCHEMICAL SCREENING AND FORMULATION OF SELECTED FRUIT PEEL EXTRACTS
16	193H1R0079 193H1R0080	KRISHNENDU DAS MEDICHARLA KHATESH VENKAT	B.N.B.VAIDEHI	MOLECULAR DOCKING STUDIES OF ACETAMIDO



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	193H1R0081 193H1R0082 193H1R0083	PAPPU MAHATO TATMA PASALA DURGA MALLESHWARI PRADIP YADAV		BENZOIC ACID DERIVATIVES AS MMAA1 INHIBITORS FOR TREATMENT OF TUBERCULOSIS
17	193H1R0085 193H1R0087 193H1R0088 193H1R0089 193H1R0090	RUKUM KUMAR SAYAN BERA SOUMYADEEP KHATUA SOUVIK ADAK SUMIT KHAJURIA	N DIVYA	STANDARDIZATION AND EVALUATION OF MARKETED HERBAL FORMULATION
18	193H1R0091 193H1R0092 193H1R0093 193H1R0094 193H1R0095 193H1R0096	VANAMADI KEERTHANA VINNA YOGENDRA MEHER RAGHUVeer YAJJALA MADHAVI YALLA ALEKHYA DEVI VAKACHARLA SAI PRASANNA	S.P.N.KUMAR	FORMULATION AND EVALUATION OF TRANSDERMAL PATCHES CONTAINING MEMANTINE HYDROCHLORIDE
19	193H1R0097 193H1R0098 193H1R0099 193H1R00A0 193H1R00A1	VANAMADI KEERTHANA VINNA YOGENDRA MEHER RAGHUVeer YAJJALA MADHAVI YALLA ALEKHYA DEVI DEVARA SRI SAI NIHARIKA	K. SRUTHI	PRELIMINARY PHYTOCHEMICAL SCREENING AND ANALGESIC ACTIVITY OF ETHANOLIC ROOT EXTRACT OF <i>PAEDERIA FOETIDA</i>
20	193H1R00A2 193H1R00A3	UMMIDI VEERA MANI GANESH DONEPALLI	Dr.K. RAVI SHANKAR	ANTI- NOCICEPTIVE ACTIVITY OF METHANOLIC

	193H1R00A4 193H1R00A5 193H1R00A6	SOMESWAR MALLIDI MEGHANA YALLA KARUNA JYOTHULA AMBICA NAGALAKSHMI		EXTRACT OF MELOCHIA CORCHORIFOLIA
21	193H1R00A7 193H1R00A8 193H1R00A9 193H1R00B0 193H1R00B1	PUNAM KUMARI GUPTA NIRAJ KUMAR GAUND AJAY KUMAR YADAV RADHE KRISHNA KUSHWAHA RAMANTH RAY	T. PRASANTHI	FORMULATION AND EVALUATION OF METRONIDAZOLE SUSTAINED RELEASE FLOATING TABLETS
22	193H1R00B2 193H1R00B3 193H1R00B4 193H1R00B5 193H1R00B6	ARUN BHARDAR FATHMA JOHRA BIKRAM PANDEY ARATI KUMARI MAJHI NIRAJ KUMAR SAH	A. SWETHA	FORMULATION AND EVALUATION OF FAST DISINTEGRATING TABLETS OF AMLODIPINE BESYLATE BY USING FENUGREEK SEED MUCILAGE
23	193H1R00B7 203H5R0001 203H5R0002	SHYAM MANOHAR SHAH LEELA SRI VENKATA DURGA PADALA VEERA VENKATA SIVAJI	S. SWATHI	INVITRO ANTHELMINTIC ACTIVITY OF COMBINATION OF FLOWERS, ROOTS OF LANTANA CAMARA AND SEEDS OF ANNONA SQUAMOSA EXTRACT ON INDIAN EARTH WORMS



PG Courses:

Pharm D

According to the rules of PCI and the affiliated university, PharmD students must complete their project work during their fifth year. Project work is often completed by teams of 4-5 students under the direction of college teachers and medical professionals from the nearby hospital.

S.NO	REG NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1	173H1T0002 173H1T0003 173H1T0005 173H1T0007 173H1T0009	ALISHA HASSAN ANANNYA RAJ C H GUNAWANTI BABU JANJANAM TEJO SRIRAM KUMAR AKASH SAHA	EFFECT OF CORTICOSTEROID NEBULISATION ON CLINICAL PARAMETERS OF PATIENTS WITH BRONCHIE	Mr. AMIT KUMAR
2.	173H1T0010 173H1T0011 173H1T0012 173H1T0013 173H1T0014	L DEVIKAR MALIREDDI RAMYA MEDAPALLI BHUMIKA MUSTAQUE ALI A K NELLI MAHESWARI	COMPARATIVE STUDY OF MYOCARDIAL INFARCTION IN SMOKERS AND NON SMOKERS	Dr. P.VINEELA
3.	173H1T0015 173H1T0016 173H1T0017 173H1T0018 173H1T0019	NISHA SINGH PALLA KRANTHI PRIYA SIVAKOTI BEULAH VAJJIPARTHI MANJU BHARGAVI PRAVIN KUMAR RAY	MENTAL COGNITIVE FUNCTIONS AMONG COPD PATIENTS OF DIFFERENT SEVERITY STAGES	Mr. AMIT KUMAR



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4	183H1R0021	MATCHA MOUNICA	LIPID ASSESSMENT AND TREATMENT PATTERN IN ISCHEMIC STROKE IN A TERTIARY CARE HOSPITAL	Mr. AMIT KUMAR
	183H1R0022	MURRE ABHISHEK		
	183H1R0023	VEDURUPAKA SUSHMA SRI		
	183H1R0024	NALAGATI SHIVANJALI		
	183H1R0025			
	183G1R0020	RISHABH SHARMA RITIK KASHYAP		



M. Pharmacy

All M. Pharmacy students in all departments are required to complete a one-year project as part of their coursework.

PAHRMACOLOGY DEPARTMENT

S.NO	REG NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1.	213H1S0602	DADISHETTI JANKI PAVANILAKSHMI	"Comparative and observational studies of antipsychotic therapies and the assessment of psychosis prevalence in hospitals"	Dr.RAVI SHANKAR
2.	213H1S0603	GUDAPATI HARSHIKA	"Prescription pattern and drug utilisation analysis in patients with cardiovascular disorders"	Dr.RAVI SHANKAR
3.	213H1S0604	GURTHETI BALA MANI	"In vitro antioxidant and anticataract activities of ethanolic leaf extract of Clitoria ternatea"	Dr.RAVI SHANKAR
4.	213H1S0605	MADDALI SEETHA SIRISHA	"Drug Utilisation Pattern and Rational Drug Use At Orthopedic And Traumatology Both Out/Inpatient In East Godavai A.P Hospitals"	Dr.RAVI SHANKAR
5.	213H1S0606	MONIKA BANERJEE	"Evaluation Of The Antibacterial And Wound-Healing Activities Of Ethanolic Extract Of Linum Usitatissimum (Flax Seed) On Rabbit"	Dr.RAVI SHANKAR
6.	213H1S0607	PILLA UMA VENKATA ANUSHA	Differences in diabetic prescription, drug utilization and cost among patients with diabetes in East Godavari Andhra Pradesh hospitals, India	Dr.RAVI SHANKAR
7.	213H1S0606	MONIKA	"Evaluation Of The	Dr.RAVI



		BANERJEE	Antibacterial And Wound-Healing Activities Of Ethanolic Extract Of Linum Usitatissimum (Flax Seed) On Rabbit"	SHANKAR
8.	213H1S0607	PILLA UMA VENKATA ANUSHA	Differences in diabetic prescription, drug utilization and cost among patients with diabetes in East Godavari Andhra Pradesh Hospitals, India	Dr.RAVI SHANKAR
9.	213H1S0608	PRAGADA NIRANJINI	Evaluation of antioxidant and antiobesity activities of ethanolic extract of Momordica dioica	Dr.RAVI SHANKAR
10.	213H1S0609	TEKIMUDI LOVAKUMARI	Evaluation of in-vivo analgesic and anti-inflammatory activities of ethanolic leaf extract of Cordia myxa	Dr.RAVI SHANKAR
11.	213H1S0610	RUCHI KUMARI	"Assessment of invitro antibacterial, anthelmintic and Invivo Antidiarrhoeal activities of ethanolic aerial extract of Mimosa pudica linn"	Dr.RAVI SHANKAR
12.	213H1S0611	THAMMANA BHAVANI LAKSHMI DEEPTHI	"Evaluation Of The Antioxidant, Anxiolytic And Hypnotic Activities Of Ethanolic Leaf Extract Of Psidium Gujava In Mice"	Dr.RAVI SHANKAR
13.	213H1S0612	CHERAKANI VEERADURGALA KSHMI	"Synergistic nootropic activity of ethanolic leaf extracts of Ziziphus jujuba and Tinospora cordifolia against stress induced rats"	Dr.RAVI SHANKAR
14.	213H1S0613	K MAHIMA SANTHOSHI VIJAYA LAKSHMI	Invitro antioxidant and invivo antidepressant activities of ethanolic leaf extract of Annona	Dr. RAVI SHANKAR



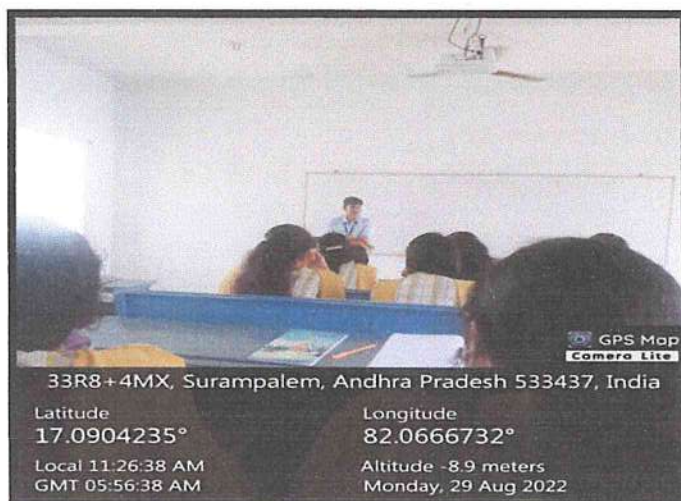
			reticulata	
15.	213H1S0301	GODAVARI LAKSHMI RAMA KRISHNA PRAVALLIKA	Design, Development, and Evaluation of Tenofovir Alafenamide Fumarate Emulgel	Dr. RAVI SHANKAR



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3.2 CASE STUDY LEARNING

The students are asked to present cases of their interest to educate themselves and the class with or without powerpoint presentations. They are expected to find a case of their interest and provide interventions in terms of suggesting alternative diagnosis or treatment, identifying significant drug interactions and contraindications etc.



[A student is presenting a case in class]

CASE PRESENTATION

ON

DEEP VEIN THROMBOSIS

SCENARIO:
 Here is a 46 year old male patient admitted in the general ward of a hospital with chief complaints of swelling of the lower limb.

CHIEF COMPLAINTS:
 The patient complained of swelling of the left lower since 10 days.

PAST MEDICAL HISTORY:
 There was no history of diabetes or hypertension.

PAST MEDICATION HISTORY:
 No significant information was specified.

HISTORY OF PRESENT ILLNESS:
 The primary reason for the patient's visit to the doctor was due to swelling of the left lower limb

VITALS:

VITALS	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
BP	120/80	120/80	130/90	130/90	120/80
PR	80bpm	82bpm	80bpm	88bpm	82bpm
TEMP	Normal	Normal	Normal	Normal	Normal

ASSESSMENT:
DEEP VEIN THROMBOSIS (DVT), occurs when a blood clot (thrombus) forms in one or more of the deep veins in your body, usually in your legs. Deep vein thrombosis can cause leg pain or swelling but also can occur with no symptoms. DVT is one of the clinical presentation of venous thrombo embolism besides pulmonary embolism.

LAB INVESTIGATIONS:

PARAMETER	VALUE	NORMAL VALUE	STATUS
HAEMOGLOBIN	14.5g/dl	14-17 g/dl	NORMAL
TOTAL RBC COUNT	5.2 million cells	4.5-5.5 million cells	NORMAL
NEUTROPHILS	55%	49%-74%	NORMAL
EOSINOPHILS	6%	2%-6%	NORMAL
BASOPHILS	0.1%	0%-1%	NORMAL
LYMPHOCYTES	35%	25%-45%	NORMAL
MONOCYTES	4%	2%-10%	NORMAL
TOTAL WBC COUNT	5400/cells	4000-11000 cells	NORMAL
PLATELET COUNT	1.6 lakhs	1.5-4.5 lakhs	NORMAL
FBS	100mg/dl	70-110mg/dl	NORMAL
RBS	85mg/dl	60-150mg/dl	NORMAL

LAB INVESTIGATIONS:

PARAMETER	VALUE	NORMAL VALUE	STATUS
TOTAL BILIRUBIN	0.7mg/dl	0.5-1.1mg/dl	NORMAL
DIRECT	0.2mg/dl	0.2-0.5mg/dl	NORMAL
INDIRECT	0.5mg/dl	0.3-1.0mg/dl	NORMAL
AST / SGOT	6.7 IU/L	8-40 IU/L	DECREASED
ALT / SGPT	18 IU/L	5-35 IU/L	INCREASED
ALP	61 IU/L	40-125 IU/L	NORMAL
SER CREATININE	1.2mg/dl	0.7-1.3 mg/dl	NORMAL
BLOOD UREA NIT	35 mg/dl	8-20 mg/dl	INCREASED

[Common format of case presentations]

ADITYA COLLEGE OF PHARMACY

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 Website: www.acop.edu.in, Email: office@acop.edu.in

JOURNAL CLUB ACTIVITY

Date: 8/9/22 Course: Pharm-D Year & Sem: 5th year
 Topic: Diagnosis and treatment of Acute Bronchitis
 Journal: American family Physician
 Presented by: Ravi. Albert, MD-PhD

SUMMARY OF ACTIVITY:

The most frequent symptoms that send people to their primary care doctor's office is a cough and acute bronchitis is typically the diagnosis in these cases. Asthma and pneumonia are two common disease that should be distinguished from acute bronchitis since these conditions may all for particular treatment that are not recommended for bronchitis. Bronchitis symptoms often last three week down respiratory tract infection caused by bacteria and viruses can't be reliably distinguished by the presence or absence of coloured sputum. more than 90% of acute bronchitis infections are brought by viruses antibiotic should only be used to treat bronchitis patients is suspected to stop the spread of the disease or if the patient is at an elevated risk of getting pneumonia, it has been established that conventional treatments for treating acute bronchitis symptoms are ineffective and the use of oral drug administration advice against giving cold and cough remedies to children under the age 6.

SIGNATURE OF FACULTY:

[Signature]

PRINCIPAL:

[Signature]

