



ADITYA COLLEGE OF PHARMACY

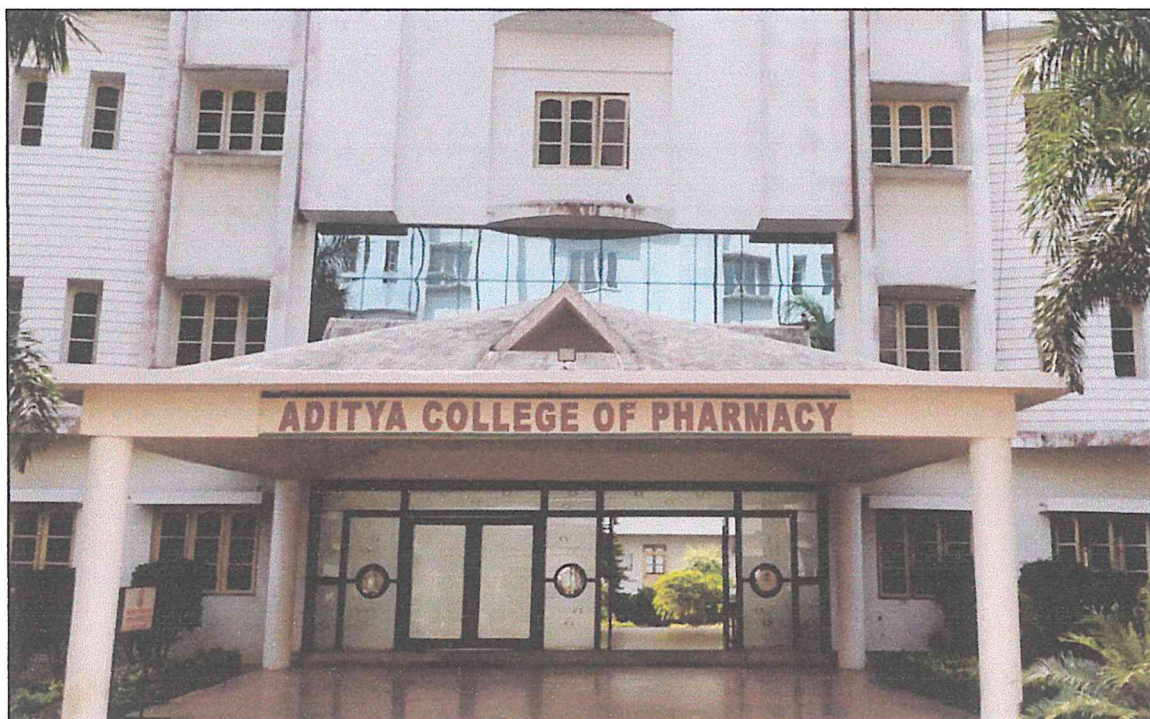
(Approved by AICTE, PCI & UGC New Delhi & Affiliated to JNTUK, Kakinada)

Aditya Nagar, ADB Road, Surampalem-533437

East-Godavari District, Andhra Pradesh, INDIA

Phone No.:9866576662, Fax: 0884-2326202

Email: office@acop.edu.in



CRITERIA 2

TEACHING LEARNING AND EVALUATION

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:

Index

S. No.	Content	Page. No
	Description	3
1. Experiential Learning		
1.1	Add-on/Value Added/Certificate Course	4
1.2	Hands on training	9
1.3	Industrial Visits	16
1.4	Internships and Training	19
2. Participative Learning		
2.1	Community Service	22
2.2	Organizing and Participating events	28
2.3	Paper Published by students	37
2.4	Model Making	39
3. Problem-Solving Methodologies		
3.1	Final Year Projects	42
3.2	Caste Study Learning	53
3.3	Drug and Journal Club	54



DESCRIPTION

Aditya College of Pharmacy is dedicated to enhancing students' learning abilities through innovative teaching methods. They employ student-centered approaches, such as experiential learning, participative learning, and problem-solving techniques, to enrich the educational experience.

- ▶ **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.

Webinar's/ FDP's : Webinars and FDP's are organized by the institute where students, faculty, and research scholars participate in virtual mode to enrich their knowledge and skills.

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.



Handwritten signature in green ink.

PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

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	"Screening methods for analgesic & anti-inflammatory activity"	SELF-FRAMED COURSE	30	60	IV PHARM D & V PHARM D
2	"Computer aided drug design"	SELF-FRAMED COURSE	36	90	IV B.PHARMACY
3	"Green Chemistry and Sustainable Synthesis"	SELF-FRAMED COURSE	30	102	II B.PHARMACY
4.	"Applied Pharmaceutical compounding and Dispensing techniques"	SELF-FRAMED COURSE	36	50	I & II PHARM D

Computer Aided Drug Design

Green chemistry And Sustainable Synthesis

ADITYA COLLEGE OF PHARMACY
Approved by PCI, Recognized by UGC (section 21)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with GPA of 3.24

VALUE ADDED COURSE ON COMPUTER AIDED DRUG DESIGN

E-Certificate will be provided upon successful completion of course

COURSE COORDINATOR
M.SESHA SAI DURGA,
Asst. Professor,
Aditya college of pharmacy

RESOURCE PERSON
S.P.N.KUMAR,
Asst. Professor,
Aditya college of pharmacy

DURATION
26/08/2023 to 07/10/2023 (EVERY SATURDAY)

ELIGIBILITY
IV B.PHARM STUDENTS

ADITYA COLLEGE OF PHARMACY
Approved by PCI, Recognized by UGC (section 21)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with GPA of 3.24

Value-added course on "Green Chemistry and Sustainable Synthesis"

RESOURCE PERSON
Mr.K.Rama Krishna,
Associate Professor,
Aditya College of Pharmacy

COORDINATOR
Mr.B.Raju,
Assistant Professor,
Aditya College of Pharmacy

DURATION
15th December, 2023 to 12th January, 2024 (Every Friday)

ELIGIBILITY
III B.PHARMACY

E-Certificate will be provided upon successful completion of course



Handwritten signature
PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437



ADITYA COLLEGE OF PHARMACY
Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24

Value-added course on
**"Applied Pharmaceutical compounding
and Dispensing techniques"**

DURATION

22nd Febraury to
28th March, 2024
(every Thursday)

ELIGIBILITY

I & II Pharm D

RESOURCE PERSON

Mr.K.Venkateswarulu,
Associate Professor,
Aditya College of Pharmacy

COORDINATOR

Mrs.A.Hema Kiranmayi
Assistant Professor,
Aditya College of Pharmacy

E-Certificate will be provided upon successful completion of course

**Applied Pharmaceutical compounding and
Dispensing Techniques**

**Screening Methods for Analgesics and Anti-
inflammatory activity**

**ADITYA COLLEGE OF
PHARMACY**

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24



Value added course on
**screening methods for
Analgesics & Anti-
Inflammatory activity**

ELIGIBILITY:
IV PHARM
D &
V PHARM D

RESOURCE PERSON

Dr.K.Ravi Shankar,
Principal,
Aditya college of Pharmacy

DURATION

1st July to
5th August, 2023
(Every saturday)

CO ORDINATOR

S.Amala
Assf.Professor,
Aditya college of Pharmacy

Students who are having interest to join this course
must be enrol their names at respective coordinator



22/07/23
PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

1.2 . HANDS ON TRAINING PROGRAMS

The institute offers a range of certification and skill-development courses designed to train students on the use of laboratory instruments, helping them meet the demands of the industry.

S. 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 on FT-IR from basics to advanced"	SELF-FRAMED COURSE	0	5	II B.PHARMACY
2.	"Health guidance and First aid education"	SELF-FRAMED COURSE	6	2	B.PHARMACY
3.	"Handling of Animals"	SELF-FRAMED COURSE	0	4	III PHARM D

ADITYA COLLEGE OF PHARMACY (A)

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Autonomous Institution
NAAC "A" Accredited with CGPA of 3.24

**VALUE ADDED COURSE ON
"HANDLING OF ANIMALS"**

RESOURCE PERSON
Dr.K.Ravi Shankar,
Professor & Principal,
Aditya college of Pharmacy

CO ORDINATOR
S.Amala
Asst.Professor,
Aditya college of Pharmacy

DURATION:
23rd March
To
20th April, 2024
(Every Saturday)

ELIGIBILITY:
III PHARM D

Students who are having interest to join this course must be enrol their names at respective coordinator

Handling of animals



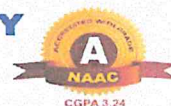
Sawana
PRINCIPAL
Aditya College of Pharmacy
SURAMPALEM- 533 437

Hands on Training on FTIR From Basics to Advanced



ADITYA COLLEGE OF PHARMACY

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24



VALUE ADDED COURSE ON HANDS ON TRAINING ON FTIR FROM BASICS TO ADVANCED

DURATION

04th November, 2023 to 09th
December, 2023
(Every Saturday)
ELIGIBILITY
III B.PHARMACY

RESOURCE PERSON

Mrs.N.Divya,
Associate Professor
COORDINATOR
Ms.K.Sai Priyanka,
Assistant Professor

E-Certificate will be provided upon successful completion of course

ADITYA COLLEGE OF PHARMACY

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24



Value added course on "Health guidance and First aid education"

COURSE COORDINATOR

Dr. Divya S Nair,
Asst. Professor,
Aditya college of
pharmacy

RESOURCE PERSON

Dr. P. Vineela
Asst. Professor,
Aditya college of
pharmacy

DURATION

10th
February to
16th March
2024 (Every
Saturday)

ELIGIBILITY
I B.PHARM
STUDENTS

E-Certificate will be provided upon
successful completion of course

Health Guidance And First -Aid Education



Handwritten signature
PRINCIPAL
Aditya College of Pharmacy
SURAMPALAM - 533 437

1.3 Industrial Visits

Industry visits are considered strategic teaching and training methods. The primary objective of these visits is to provide students with hands-on understanding of concepts through interaction, working procedures, and employment practices. Additionally, these visits offer academic insights. The main aim of industrial trips is to acquaint students with real workplace scenarios. They also present an excellent opportunity to deeply understand industrial practices. Our interns frequently visit industries to gain experience in various fields.

During an industrial tour, students are introduced to the resources, tools, and processes of the pharmaceutical industry. As a result, they gain expertise in work ethics, communication, management, and other areas. Every year, students undergo industrial training and learn about different departments, including Quality Assurance, Quality Control, Tablets, Capsules, Vaccine Manufacturing, Analytical Research and Development, Clinical Research, Drug Regulatory Affairs, and Hospital Pharmacy.

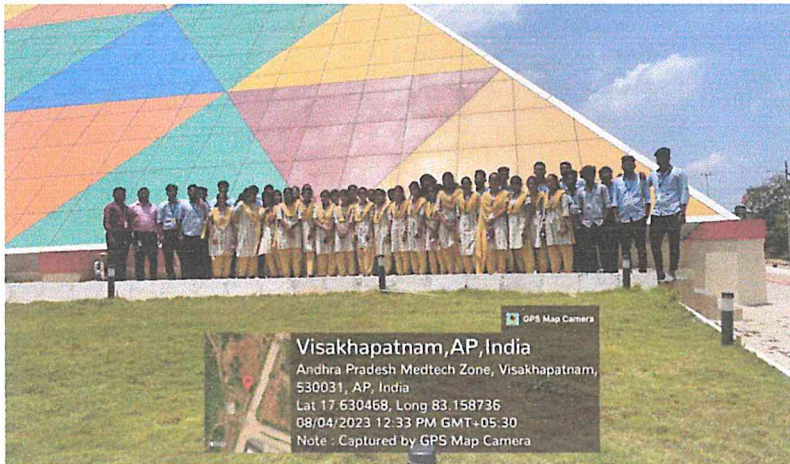
To gain firsthand experience in industrial affairs, fourth-year B. Pharmacy students have visited Lord Venky Pharma Pvt. Ltd., SELDOM Pvt. Limited Industry, Andhra Pradesh Med Tech Zone, and Green Park Industry.

Name of the Collaborating agency with contact details	No. of Participants	Date of signing MOU	Duration
Andhra Pradesh Medtech Zone Ltd, (AMTZ) Visakhapatnam	75	11-05-2023	AUTO RENEWAL

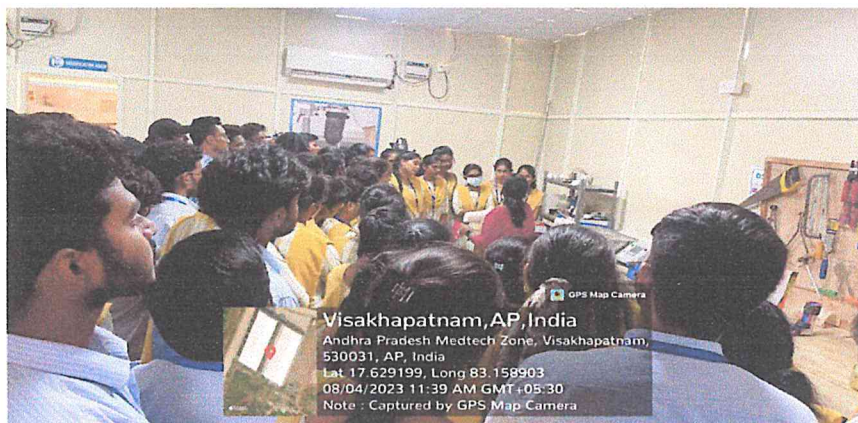


ANDHRA PRADESH MEDTECH ZONE (AMTZ),VISAKHAPATNAM

Students visiting the site



Students along with the faculty on the day of industrial tour



1.4 Internship and In-plant training

The institute encourages active student involvement in internship training programs. This allows students to gain valuable work experience, explore potential career paths, gain a competitive advantage in the job market, enhance and refine their skills, network with industry professionals, build confidence, and smoothly transition into employment.

Name of the collaborating agency	Participants	Department
ANALOG LABS	2	IV B.PHARM
BELL LABS	44 "	IV B.PHARM
PHARMAZELL PVT.LTD	12	IV B.PHARM
GOLDFISH LABS PVT.LTD	15	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	18 "	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 clarifying doubts with the senior doctor



Students are conducting bedside patient counseling.

2. Participative Learning

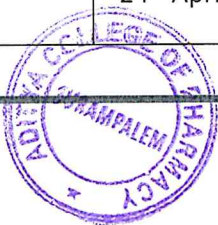
S.No.	Content	Page No.
2.1	Community Service	15
2.2	Organizing and Participating events	28
2.3	Paper Published by students	37
2.4	Model Making	39



2.1 Community Service

Engaging in community service allows individuals to support causes they care about while showcasing their civic awareness and empathy. The institute believes that students who value community service are more likely to be active and involved outside of the classroom.

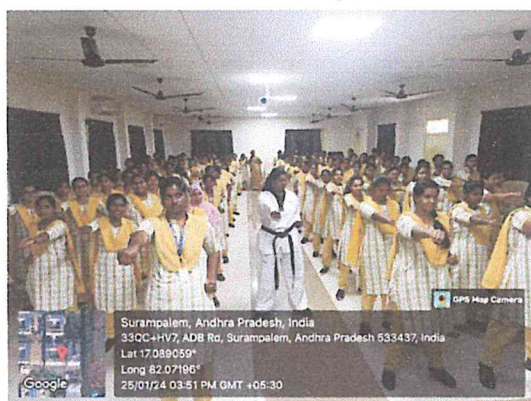
S. No	Name of activity	Date of activity	Place	No. of students participated
1.	International Yoga Day	21 st June 2023	Aditya college of pharmacy, Surampalem	45
2.	Awareness on Importance of Diet in Health care system	06 th July 2023	Aditya college of pharmacy, Surampalem	25
3.	Awareness on Anti-Tobacco Campaign	25 th July 2023	Grama Panchayati, Gorinta	22
4.	Meri Matti Meri Desh Programme	09 th August 2023	Grama Panchayati Pulimeru	32
5.	Independence Day Celebrations	15 th August 2023	JNTUK	35
6.	Khadi Mahotsav	19 th October 2023	Aditya College of Pharmacy	55
7.	National Unity Day	31 st October 2023	Aditya College of Pharmacy	58
8.	World Diabetes Day	14 th November 2023	Aditya College of Pharmacy	27
9.	National Youth Day	12 th January 2024	Aditya College of Pharmacy	28
10.	National Girl Child Day	24 th January 2024	Aditya College of Pharmacy	36
11.	Workshop on self-defense for girls	25 th January 2024	Aditya College of Pharmacy	53
12.	Blood donation camp	31 st January 2024	Aditya College of Pharmacy	28
13.	Awareness programme on oral hygiene	29 th February 2024	Aditya College of Pharmacy	42
14.	National deworming day	10 th February 2024	Aditya College of Pharmacy	54
15.	Medical Camp	24 th April 2024	Pulimeru	52



16.	Groceries distribution to the poor	15 th May 2024	Elakolanu	25
-----	------------------------------------	---------------------------	-----------	----



STUDENTS giving awareness on World Cancer Day.



Students active participation in the workshop on self-defense for girls



Students participated in medical camp

2.2 ORGANIZING AND PARTICIPATING EVENTS:

Aditya Group of Pharmacy colleges NAAC accredited jointly organized Two Day National Conference on "Pharmaceutical Industry in the digital Age : Emerging Trends and Oppurtunities" during 22-23 September 2023 at Aditya Educational Institutions, Surampalem ,Kakinada District . Around 1500 participants from all over India were registered for the two days National Conferences."The organization has also organized poster presentations, scientific model exhibitions, oral presentations, and cultural activities to foster student skills and inspire innovative ideas."

S. No.	Event	Year	Place	No. of Participants
1.	NATIONAL CONFERENCE ON PHARMACEUTICAL INDUSTRY IN THE DIGITAL AGE:EMERGING TRENDS AND OPPURTUNITIES	22/09/2023 TO 23-09-2023	ACOP	1500

Chief Patrons

Dr. N. Seshu Reddy,
Chairman,
Aditya Educational Institutions

Dr. N. Satish Reddy,
Vice Chairman,
Aditya Educational Institutions

Sri. N. K. Deepak Reddy,
Secretary,
Aditya Educational Institutions

Patrons

Dr. K. Ravishankar,
Principal,
Aditya College of Pharmacy

Dr. D. Sathis Kumar,
Principal,
Aditya Pharmacy College

Organizing Committee

Mrs. BNB Vaidehi, Ph: +91-9493747698
Dr. N. Divya, Ph: +91-7660003187
Mr. SPN Kumar, Ph: +91-9492805537
Dr. CH. S. Phani Kumar, Ph: +91772995764
Dr. T. Uday Kumar, Ph: +91-9985493639
Mr. G. Ramakrishna, Ph: +91-9652278580

ADITYA PHARMACY COLLEGE
NAAC "A" GRADE

ADITYA COLLEGE OF PHARMACY
NAAC "A" GRADE

Registration Form

To be filled and posted to Aditya Group of Pharmacy Colleges,
Aditya Nagar, ADB Road, Surampalem-533437, Kakinada Dist.,
Andhra Pradesh.

or scanned and mailed to
adityanationalconference@acop.edu.in

PLEASE FILL IN BLOCK LETTERS ONLY

Name of the candidate: _____

Designation/ Year of study: _____

Name of the College: _____

Please select the applicable:
(Check the eligibility criteria overleaf before selecting)

☐ POSTER PRESENTATION ☐ ORAL PRESENTATION

☐ CULTURALS ☐ ACCOMODATION REQUIRED ☐ YES ☐ NO

ADDRESS: _____

CONTACT NO. _____

Email Id: _____

Amount Remitted: _____

Rupees in words: _____

DD No.: _____ Dated: _____

Drawee Bank: _____

For Online Registration
scan QR Code

Alternatively you can also
visit the website:
<https://sites.google.com/view/adityanationalconference/registration?authuser=2>

National Conference on

Pharmaceutical Industry
in the Digital Age:
Emerging Trends
and Opportunities

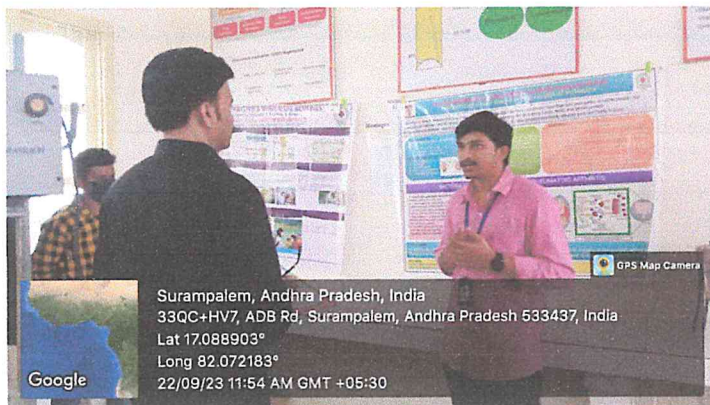
22nd & 23rd Sep. 2023

Organized by
ADITYA GROUP OF PHARMACY COLLEGES,
Surampalem, Kakinada Dist., Andhra Pradesh,
India.

Join us as we pave the path to the future of pharmaceuticals.
Your presence at the National Conference on Pharmaceutical
Industry in the Digital Age will shape the discourse on
Emerging Trends and Opportunities. Welcome to two days of
insightful participation and collaborative exploration.

ADITYA GROUP OF PHARMACY COLLEGES

NATIONAL CONFERENCE Brochure conducted by Aditya college of Pharmacy



Evaluating the poster by the evaluator




Presenting scientific model by the students



ORGANISING WEBINARS AND FDP'S :


The ACOP organization has successfully organized webinars and Faculty Development Programs (FDPs) in the year 2023-24, featuring distinguished resource persons who have shared valuable insights and knowledge. The active participation from attendees has fostered a collaborative and engaging learning environment. Furthermore, certificates of participation were awarded to attendees, recognizing their commitment to professional development."





ADITYA COLLEGE OF PHARMACY

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24



We cordially invite you to One Week Online FDP
on
"Current Challenges and Innovations in Herbal medicine"
Dates: 14 Nov 2023 to 18 Nov 2023

KEYNOTE SPEAKERS

DAY 1: 14 Nov 2023
Dr. K. Shreeves,
Professor,
YJ's College of Pharmaceutical
Sciences,
Bapatnagar

DAY 2: 15 Nov 2023
Dr. D. Saha,
Associate Professor,
Prattapa Institute of
Pharmaceutical Sciences,
Guwahati

DAY 3: 16 Nov 2023
Dr. G. Manjula,
Associate Professor,
Vignam College of Pharmaceutical
Sciences, Vengal

DAY 4: 17 Nov 2023
Dr. Rishi Aranya,
Research Assistant Professor,
Sree College of Pharmacy, Tamil
Nadu

DAY 5: 18 Nov 2023
Dr. M. Arun Lakshmi,
Assistant Professor,
Devi Pharmaceutical Sciences and
Research University, New Delhi

ELIGIBILITY
FACULTY, RESEARCH SCHOLARS


NO REGISTRATION FEE
E-CERTIFICATES TO THE
PARTICIPANTS

TIMINGS:- 11 am to 12 pm

MODE OF MEETING
MICROSOFT TEAMS


**CLICK HERE TO
REGISTER**

FDP Brochure conducted by Aditya college of pharmacy



ADITYA COLLEGE OF PHARMACY

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Institution
NAAC "A" Accredited with CGPA of 3.24



We cordially invite you all to join our webinar on

**"FROM BENCH TO BED SIDE H₃ RECEPTOR MODULATORS
AND THEIR IMPLICATIONS IN DEMENTIA"**

Organised by
DEPARTMENT OF PHARMACOLOGY

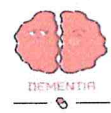
No Registration fee
E-certificate will be
provided


Date: Thursday on 15th Feb, 2024

Time: 11:00am- 11:45 am

JOIN Via MICROSOFT TEAMS APP

CLICK HERE TO REGISTER





Dr. B. NAGA RAJU
M. PHARM, Ph.D,
ASSOCIATE PROFESSOR,
School of Pharmaceutical Sciences,
SANDIP UNIVERSITY
NASIK

WEBINAR Brochure conducted by Aditya college of pharmacy



ADITYA COLLEGE OF PHARMACY (A)

Approved by PCI, Recognized by UGC (section 2f)
ISO 9001:2015 Certified Autonomous Institution
NAAC "A" Accredited with CGPA of 3.24



Certificate

of Appreciation

This certificate is proudly presented to

Dr. P. Veera Lakshmi,

Assistant Professor, Department of Pharmaceutical Technology, School of Pharmaceutical Sciences and Technology, JNTU- Kakinada for sharing her valuable insights as a guest speaker in the online FDP entitled, "**Exploring New Horizons in Nanoformulations Based Drug Delivery Systems**" held from 20th November 2023 to 25th November 2023 conducted by Aditya College of Pharmacy, Surampalem.

N. Seshu Reddy

Dr. N. Seshu Reddy
Chairman

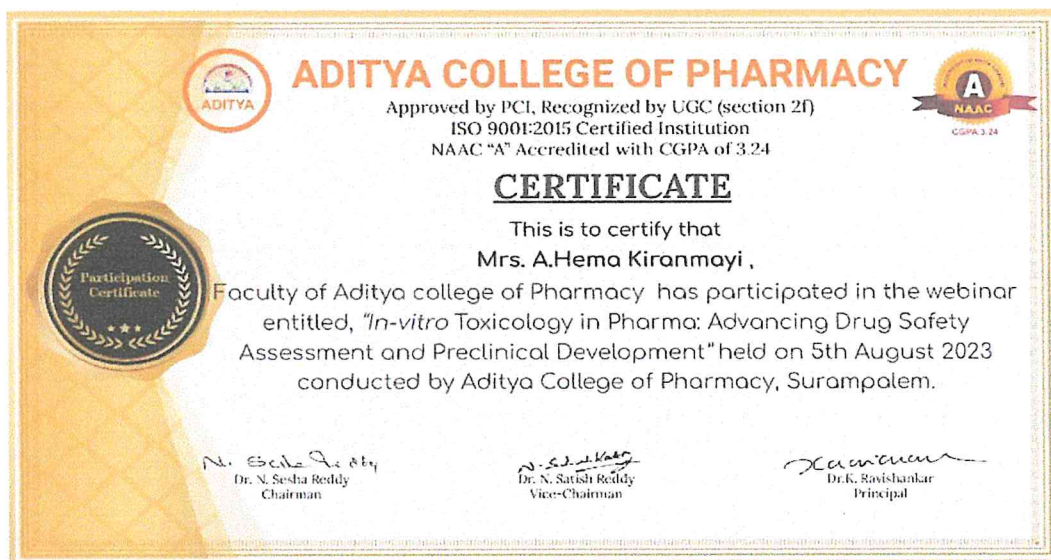
N. Satish Reddy

Dr. N. Satish Reddy
Vice-Chairman

K. Ravishankar

Dr. K. Ravishankar
Principal and Convenor

Presentation certificate to the Resource person



Participation certificate for the webinar

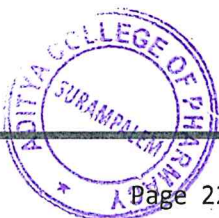


2.3 PAPER PUBLISHED BY STUDENTS

Publishing research papers and article reviews will push the student to compare your work with that of others, evaluate and understand their own findings, and allow them to explain their research's objectives. The institute encourages the students to publish papers to become known as an expert in their field of interest.

Title	Authors Name	Pharm.D Batch	Details of Journal
EFFECT OF AGE ON LUNG FUNCTIONS IN PATENTS INWITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN COMPARISON TO HEALTHY INDIVIDUALS	Dr.Amit Kumar , MAHE NAZ SHAYEED ADABALA GAANA LAKSHMI ANKAM BABY SAI DURGA PADMASRI BASWANI JAYA CHANDRA VARMA	2023-24	Journal of Drug and Alcohol Research 2022; 11(5)
EFFECTS OF MODIFIABLE VERSUS NON- MODIFIABLE RISK FACTORS ON TREATMENT OUTCOMES OF OSCEMIC STROKE PATIENTS	Dr. S. DIVYA NAIR, BOBBY SAMBA CHEEPURUPALLI BHAVYA DEEPIKA DANGETI MOUJA LAHARI INAMPUDI DILEEP VARMA KARRI HARIKA	2023-24	High Technology Letters , 2022; 28(8): 446-456
COMPARATIVE STTUDY OF LEVOSALBUTAMOL-IPRATROPIUM BROMID COMBINATION VS LEVOSALBUTAMOL MONOTHERAPY IN OBSTRUCTIVE PULMONARY DISEASES.	Dr. AMULYA KARA, KELANGI ADARSH KOYYURU KRANTHI KIRAN MOLETI VIJAYRAJ KUMAR NADIPALLI ANNIE CHRISTINE NEKKANTI P KRISHNA RAJESWARI CHOWDARY	2023-24	Journal of Clinical and Pharmaceutical Research 2022: 2 (4): 58-60
AN OBSERVATIONAL ATUDY ON INCIDENCE OF ACUTE PANCREATITIS IN DIFFERENT AGE GROUPS AND ASSOCIATED RISK	Dr. P. VINEELA , PARASH NIROULA PRINCE KUMAR YADAV RUTENDO MOLEEN MAUTSA SAI VIJAYA KUMAR	2023-24	Journal of Clinical and Pharmaceutical Research 2022: 2(4): 55-57

FACTORS I	RAKURTHI SANIPINI SRI LAKSHI		
STUDY ON RISK FACTORS FOR PREECLAMPSIA IN PREGNANT WOMEN IN TERTIARY CARE HOSPITAL	Dr.AMIT KUMAR, SHAIK RESHMA SHAIK SAFIYA MOHIDDIN SHIPHRAH ZULU UPAMO SURLA POOJITHA UPPE ROSHINI	2023-24	Journal of Clinical and Pharmaceutical Research 2022: 2 (3), 42-44
PADMINI A STUDY ON PRE-OPERATIVE ANTIBIOTIC PROPHYLAXIS FOR WOMEN POSTED FOR HYSTERECTOMY AND COMPLICATIONS IN TERTIARY CARE HOSPITALS	Dr.ANJU K ABRAHAM VARDHANAPU GEETHIKA VISWANADHAPALLI SAI SRINIDHI SINGARI DHANYASIRI AVINASH KUMAR SHAH PEDDINTI LAKSHMI	2023-24	Journal of Clinical and Pharmaceutical Research 2022
STUDY ON WOMEN WITH THE POLYCYSTIC OVARY SYNDROME AND THEIR HEALTH RELATED QUALITY OF LIFE BY CONFIRMATORY ANALYSIS	Dr.AMIT KUMAR VELISETTI KRANTHI SWAROOPA PILLADI SATHVIKA SANNIDHIRAJU V B S R NAGAMANI INDRAJA VANKADAVATH MALLIKARJUNA NAYAK	2023-24	Indian Journal of Pharmacy Practice 2023: 16(2): 166- 68



"

3.Problem-SolvingMethodologies		
S.No.	Content	Page No.
3.1	Final Year Projects	42
3.2	Caste Study Learning	53
3.3	Drug and Journal Club	54

"

"



3.1 MINI & FINAL YEAR PROJECTS

PROJECT BASED LEARNING:

Project-based learning is an educational strategy designed to enhance students' knowledge and skills through engaging projects. This approach allows students to collaborate or take ownership of their own learning, while also teaching essential skills like problem-solving, time management, and critical thinking, which are vital for their future. Consequently, faculty members assign projects to IV B. Pharmacy and II M. Pharmacy students to be completed within an academic year. As per PCI/University standards, the completion of these projects is mandatory for the successful fulfilment of the course requirements.



UG Course:

B. Pharmacy

Students carry out project for a duration of 6 "

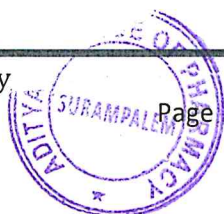
months in a team of 4-5 students during final-year as part of their curriculum.

S.NO.	REGD.NO.	STUDENT NAME	GUIDE NAME	PROJECT TITLE
1	203H1R0001 203H1R0002 203H1R0003 203H1R0005	ADAM USHARANI ALAMURI KRISHNA CHAKRA MADHU LAKSHMI ARIGELA TEJA BALA BHASKARUDU PEDDIREDDY	Dr. K RAVI SHANKAR	PRELIMINARY PHYTO CHEMICAL SCREENING AND EVALUATION OF IN VITRO ANTI - ANFLAMMATORY ACTIVITY OF ETHANOLIC FLOWER EXTRACT OF TABERNATANA DIVARICATA.
2	203H1R0006 203H1R0007 203H1R0008 203H1R0009 203H1R0010	BETHA NAGA RAMYA KRISHNA CHAMAKURI BALA SRI CHAVABHATTINA NAGA SURENDER CHELLINGI SRI KALYANI CHIKKALA SAI VENKATA LEELA KUMAR	" Mr. K VENKATESWARLU	FORMULATION AND EVALUATION OF SERTRALINE HYDROCHLORIDE ORO DISPERSIBLE FILMS
3	203H1R0011 203H1R0012 203H1R0013 203H1R0014 203H1R0015	CHINNAM DAYAKAR DESAMSETTY SIRISHA DIDLA SANDHYA ELURI DEVI NAGA VYSHNAVI GARIKINA MANASA	Mrs. B.N. B. VAIDEHI "	ANTI-OXIDANT AND ANTI- INFLAMMATORY ACTIVITIES OF ETHANOLIC FLOWER EXTRACT OF VOLKAMERIA INERMIS



4	203H1R0016 203H1R0017 203H1R0018 203H1R0019 203H1R0020	GODA VAMSI KRISHNA GORUPUTI BHARATHI KADIYALA LAKSHMI PRASANNA KAMAVARAPU KAVYA SINDHU KARRI SHOBHARANI	Mrs. B.N. B. VAIDEHI "	MOLECULAR DOCKING AND ADME STUDIES OF RUXOLITINB DERIVATIVES ASJANUS KINASE INHIBITORS IN TREATMENT OF MYELOFIBROSIS
5	203H1R0021 203H1R0022 203H1R0023 203H1R0024 203H1R0025	KETHA GOWRISRI KORLA DEVI CHANDRIKA KOTAGIRI V P G ANJANA MONIKA MADEPALLI GANI LAKSHMI MADEPALLI SAMYUKTHA	Dr. G. VEDA PRIYA "	PRELIMINARY PHYTO CHEMICAL SCREENING AND FORMULATION OF HERBAL OINTMENT
6	203H1R0026 203H1R0027 203H1R0028 203H1R0029 203H1R0030	MANE AMRUTHA MANE SRI SURYA KALA MARRI SATYA BHULAKSHMI MARRIPUDI PULLAIAH NADIMPALLI LOHITHA	Dr. KUPPALA RAMA KRISHNA	SYNTHESIS AND ANTI BACTERIAL EVALUATION OF INDOLE -3- BUTYRIC ACID AND ITS DERIVATIVES
7	203H1R0031 203H1R0032 203H1R0033 203H1R0034	NAKKA SANDHYA NAKKA SATISH NALLAM MAHALAKSHMI SANDYA SRI	MRS. A. SWETHA "	FORMULATION AND EVALUATION OF POLYHERBAL SOAP WITH ANTI-MICROBIAL ACTIVITY FOR TREATING SKIN

	203H1R0035	NASHEELA BEGUM NEMALA JESSY ELIZABETH		AILMENTS
8	203H1R0036 203H1R0037 203H1R0038 203H1R0039 203H1R0040	NUTHI VANITHA PACHIMALA PRATAP PAMMI SURATNA PEYYALA NAMRATHA RAGHA PILLA LAKSHMI LAHARI	Mrs. K. KEERTHI SAI "	FORMULATION DEVELOPMENT AND EVALUATION OF LIPSTICS USING NATURAL EDIBLE COLORANTS
9	203H1R0041 203H1R0042 203H1R0043 203H1R0044 203H1R0046	PITTA TITUS POSINA N V D G LAKSHMI TULASI POTHALA RAJI CHANDRIKA RAJABOINA BHARATH KUMAR SIVARATHRI ANIL KUMAR	Mrs. A. SREE GEETHA "	UV-METHOD DEVELOPMENT AND VALIDATION OF EMPAGLIFLOZIN IN BULK AND TABLET DOSAGE FORM
10	203H1R0047 203H1R0048 203H1R0049 203H1R0050 203H1R0051	SUNKARA PUSHPA TATTA LAKSHMI LALITHYA THOKALA LIKITHA RAJA SRI TOLETI LAKSHMI SAI KEERTHANA VACHEPALLI ROSHITHA	Ms. K GNANESWARI	PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTI INFLAMMATORY ACTIVITY OF EUGENIA JAMBOLANA SEEDS EXTRACT IN ALBINO RATS
11	203H1R0052 203H1R0053 203H1R0054	VALLURI SUREKHA VEGI SRUJALA VENDI VEERA KUMARI	Mr.S.PRAKASH NATHANIEL KUMAR "	FORMULATION AND EVALUATION OF POSACONAZOLE EMULGELS USING BOX BEHNKEN



	203H1R0055	VIPPARTHI ANIL KUMAR		DESIGN
12	203H1R0056 203H1R0057 203H1R0058 203H1R0059 203H1R0060	YALLA PRASANTHI ABHISHEK PAUL AJAY KUMAR KUSHWAHA ANUSURI SUJATHA ARITRO PAUL	Dr. DIVYA S. NAIR "	DRUG UTILIZATION EVALUATION ALONG WITH MEDICATION ADHERENCE ON ANTI-ASTHMATIC DRUGS
13	203H1R0062 203H1R0063 203H1R0064 203H1R0065	ASHOK KUMAR BARUN DHOBI ATTULURI SAI JAHNAVI BHUPENDRA PRASAD KURMI BODDU S.L.V. SAI VASANTH	Mrs.A SREE GAYATRI	EVALUATION OF ANALGESIC AND ANTI-INFLAMMATORY ACTIVITIES OF ETHANOLIC EXTRACT OF COLOCASIA ESCULENTA AND HYLOCOERINUS UNDAUS.
14	203H1R0066 203H1R0067 203H1R0068 203H1R0069 203H1R0070	DIVESH SINGH GOLDEN GUPTA GYANSAGAR CHAUDHARY KANNABATHULA AKHILA KARRI SHYAM SANDEEP REDDY	Mrs.. S. AMALA "	FORMULATION AND EVALUATION OF HERBAL BURNS CREAM CONTAINING MANGIFERA INDICA
15	203H1R0071 203H1R0072 203H1R0073 203H1R0074 203H1R0076	KOTIPALLI MOHAN KRISHNA SAI SRI RAM KUNISETTI DIVYA KUPPALA PAVAN SATYA CHAKRADHAR MADDIPATI VIVEK CHOWDARY MALLIDI RUPIKA	Dr. N. DIVYA	PHARMACOGNOSTIC EVALUATION OF COUROUPITA GUIANENSIS AND SCREENING OF ANTI INFLAMMATORY ACTIVITY OF LEAF EXTRACT



		REDDY		
16	203H1R0077 203H1R0078 203H1R0079 203H1R0081 203H1R0082	MANAUWAR ALAM MARNI VINAY KUMAR CHOWDARY MUNEEB MUSHTAQ MYGAPULA SESA SAILAJA NIMMALA NAVARATNA DURGA PRASAD	Mrs.B. HEMA KIRANMAYI "	FORMUALTION AND EVALUATION OF FAST DISSOLVING THIN FILMS OF EMPAGLIFLOZIN
17	203H1R0083 203H1R0084 203H1R0087 203H1R0088 203H1R0089	OBBILIREDDY KAVYA KANAKA MAHALAKSHMI PABOLU LIKHITHA PIRLA ROHITH YADAV PRIYANKA MANGA PURUSHOTHAM VISHNU SOWJANYA	Mrs.P. PRASANTHI	FORMULATION AND EVALUATION OF LEVETIRC' ACETA M IMMEDIATE RELEASE TABLETS USING NATURAL SUPER DISINTEGRANTS ENTITLED AS ANTI EPILEPTIC
18	203H1R0090 203H1R0093 203H1R0095	RAYUDU ASWITHA VALLURI DIVYA SRI DEVI SALAHU KABIRAJ	Dr. K. RAVI SHANKAR "	EVALUATION OF KERATOLYTIC ACTIVITY USING ETHANOLIC EXTRACT OF LEAVES AZADIRACHTA INDICA, ALOE VERA BARBADENSIS, AND RHIZOMES OF CURCUMA LONGA
19	203H1R0096 203H1R0097 203H1R0098 203H1R0099	SANGEETA BAITALIK SANTOSH DAS SATHI ADITYA VANAMA REDDY SATHI MARIYA RANI	Dr. N. DIVYA	DEVELOPMENT AND VALIDATION OF UV SPECTROPHOTOMETRIC METHOD FOR ESTIMATION OF DARUNAVIR ETHANOLATE IN BULK

20	203H1R00A1	SUDIP HANRA	Ms.K. GNANESHWARI	PHYTOCHEMICAL SCREEING AND EVALUATION OF ANTIPSYCHOTIC ACTIVIES OF D- LIMONENE OBTAINED FROM PEEL EXTRACTS OF CITRUS LIMETTA
	203H1R00A3	SUNIL KUMAR SAH		
	213H5R0001	TALLAPUDI LEELA SRI VENKATA DURGA		
	213H5R0002	PADALA VEERA VENKATA SIVAJI		



PG Courses:

Pharm D

As per the regulations of PCI and the affiliated university, PharmD students are required to complete their project work in their fifth year. Typically, these projects are undertaken by teams of 4–5 students, with guidance provided by college faculty and healthcare professionals from a nearby hospital.

S.NO	REG NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1	183H1T0010 193H1T0001 193H1T0002 193H1T0003	MAHE NAZ SHAYEED ADABALA GAANA LAKSHMI ANKAM BABY SAI DURGA PADMASRI BASWANI JAYA CHANDRA VARMA	EFFECT OF AGE ON LUNG FUNCTIONS IN PATENTS INWITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN COMPARISON TO HEALTHY INDIVIDUALS	Dr.AMIT KUMAR
2.	193H1T0004 193H1T0005 193H1T0006 193H1T0007 193H1T0008	BOBBY SAMBA CHEEPURUPALLI BHAVYA DEEPIKA DANGETI MOUJA LAHARI INAMPUDI DILEEP VARMA KARRI HARIKA KELANGI ADARSH	EFFECTS OF MODIFIABLE VERSUS NON-MODIFIABLE RISK FACTORS ON TREATMENT OUTCOMES OF " OSCHEMIC STROKE PATIENTS	Dr. S. DIVYA NAIR
3.	193H1T0009 193H1T0010 193H1T0011 193H1T0012	KELANGI ADARSH KOYYURU KRANTHI KIRAN MOLETHI VIJAYRAJ KUMAR	COMPARATIVE STTUDY OF LEVOSALBUTA MOL-IPRATROPIUM BROMID	Dr. AMULYA KARA

	193H1T0013	NADIPALLI ANNIE CHRISTINE NEKKANTI P KRISHNA RAJESWARI CHOWDARY	COMBINATION VS LEVOSALBUTA MOL MONOTHERAPY IN OBSTRUCTIVE PULMONARY DISEASES.	
4	193H1T0014 193H1T0015 193H1T0016 193H1T0017 193H1T0019	PARASH NIROULA PRINCE KUMAR YADAV RUTENDO MOLEEN MAUTSA SAI VIJAYA KUMAR RAKURTHI SANIPINI SRI LAKSHMI	AN OBSERVATIONA L ATUDY ON INCIDENCE OF ACUTE PANCRE ATITIS IN DIFFERENT AGE " GROUPS AND ASSOCIATED RISK FACTORS	Dr. P. VINEELA
5	193H1T0020 193H1T0021 193H1T0022 193H1T0023 193H1T0024	SHAIK RESHMA SHAIK SAFIYA MOHIDDIN SHIPRAH ZULU UPAMO SURLA POOJITHA UPPE ROSHINI	STUDY ON RISK FACTORS FOR PREECLAMPSIA IN PREGNANT WOMEN IN TERCIARY CARE HOSPITAL	Dr.AMIT KUMAR
6	193H1T0025 193H1T0026 193H1T0027 193H1T0029 193H1T0030	VARDHANAPU GEETHIKA VISWANADHAPALLI SAI SRINIDHI SINGARI DHANYASIRI AVINASH KUMAR SHAH PEDDINTI LAKSHMI PADMINI	A STUDY ON PRE-OPERATIVE " ANTIBIOTIC PROPHYLAXIS FOR WOMEN POSTED FOR HYSTERECTOM Y AND COMPLICATION S IN TERTIARY CARE HOSPITALS	Dr. ANJU K ABRAHAM

7	193H1T0031	VELISETTI KRANTHI	" STUDY ON WOMEN WITH THE POLYCYSTIC OVARY SYNDROME AND THEIR HEALTH RELATED QUALITY OF LIFE BY CONFIRMATORY ANALYSIS	AMIT KUMAR
	193H1T0032	SWAROOPA		
	193H1T0033	PILLADI SATHVIKA		
	193H1T0034	SANNIDHIRAJU V B S R NAGAMANI INDRAJA VANKADAVATH MALLIKARJUNA NAYAK		



M. Pharmacy

Every M. Pharmacy student, regardless of their specialization, is obligated to undertake a one-year project as a component of their curriculum.

PHARMACOLOGY DEPARTMENT

S.NO	REG NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1.	223H1S0601	BANTUPALLI SOWMYA RANI	EVALUATION OF IN - VIVO ANALGESIC AND ANTI INFLAMMATORY ACTIVITIES OF ETHANOLIC FLOWER EXTRACT OF AZADIRACHTA INDICA (NEEM)	Dr.K.RAVI SHANKAR
2.	223H1S0604	BONGA AMARENDRA BABU	EVALUATION OF THE INVITRO ANTI OXIDANT ACTIVITY AND IN- VIVO ANTI WRINKLE ACTIVITY OF COMBINED EHTANOLIC EXTRACT OF LINUM USITATISSIMUM (FLAX SEEDS), LAVANDULA ANGUSTIFOLLA, AND NERIUM OLEANDER ON LABORATORY MICE	Dr.K.RAVI SHANKAR
3.	223H1S0605	KONDAPALLI VEERA NAGA KARUNA MANI GEETHIKA	EVALUATION OF THE INVIVO ANTI DEPRESSANT ACTIVITY ANDN IN VITRO ANTI OXIDANT ACTIVITIES OF ETHANOLIC LEAF EXTRACT OF	Dr.K.RAVI SHANKAR



			MOMORBICA CHARANTIA	
4.	223H1S0606	KUMTAMUKKULA PADMA PRIYA MANI MANJARI	EVALUATION OF THE NOOTROPIC ACTIVITY OF ETHANOLIC LEAF EXTRACT OF EVLVULUS ALSINOIBES IN STRESS INDUCED MICE	Dr.K.RAVI SHANKAR
5.	223H1S0607	POTHULA NEELIMA	INVITRO AND INVIVO STUDY OF ANTI BACTERIAL AND ANTI INFLAMMATORY ACTIVITY OF NYMPHAEA STELLATA	Dr.K.RAVI SHANKAR
6.	223H1S0608	SATHI AKHILA	EVALUATION OF „ NOOTROPIC ACTIVITY OF ETHANOLIC FLOWER EXTRACT OF CLITORIA TER NATEA IN STRESS INDUCED MICE	Dr.K.RAVI SHANKAR
7.	223H1S0609	KRUPA KIRAN PAUL VOMMU	ANTI-DIABETIC ACTIVITY OF ETHANOLIC LEAF EXTRACT OF CASURINA EQUISETIFOLIA IN ALLOXIN INDUCED DIABETIC RATS	Dr.K.RAVI SHANKAR
8.	223H1S0610	SWATHI SANTHOSH	EVALUATION OF ANALGESIC AND ANTIPYRITIC ACTIVITIES OF THE EHTANOLIC FRUIT EXTRACT OF PIPER NIGRUM	Dr.K.RAVI SHANKAR



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 PPT]



CASE PRESENTATION ON ENCEPHALITIS

PRESENTED BY
MR. H. MIKA
Roll no. 17PH110012
5th Pharm D
Aditya college of pharmacy



DEFINITION OF ENCEPHALITIS :

Encephalitis is the inflammation of the brain that is caused especially by infection with a virus (such as herpes simplex or West Nile virus) or less commonly by bacterial or fungal infection or autoimmune reaction.

ETIOLOGY :

The exact cause of encephalitis is often unknown. But when a cause is known, the most common is a viral infection. Bacterial infections and noninfectious inflammatory conditions also can cause encephalitis.

TYPES :

There are two main types of encephalitis:

- **Primary encephalitis.** This condition occurs when a virus or other agent directly infects the brain. The infection may be concentrated in one area or widespread. A primary infection may be a reactivation of a virus that had been inactive after a previous illness.
- **Secondary encephalitis.** This condition results from a faulty immune system reaction to an infection elsewhere in the body. Instead of attacking only the cells causing the infection, the immune system also mistakenly attacks healthy cells in the brain. Also known as post-infection encephalitis, secondary encephalitis often occurs two to three weeks after the initial infection.

SIGNS AND SYMPTOMS:

Most people with viral encephalitis have mild flu-like symptoms, such as:

- Headache
- Fever
- Aches in muscles or joints
- Fatigue or weakness

Sometimes the signs and symptoms are more severe, and might include:

- Confusion, agitation or hallucinations
- Seizures
- Loss of sensation or paralysis in certain areas of the face or body
- Muscle weakness
- Problems with speech or hearing
- Loss of consciousness (including coma)

In infants and young children, signs and symptoms might also include:

- Bulging in the soft spots (fontanel) of an infant's skull
- Nausea and vomiting
- Body stiffness
- Poor feeding or not waking for a feeding
- Irritability

PATHOPHYSIOLOGY :



COMPLICATIONS:

Inflammation can injure the brain, possibly resulting in a coma or death.

Other complications varying greatly in severity may persist for months or be permanent. These complications can include:

- Persistent fatigue
- Weakness or lack of muscle coordination
- Personality changes
- Memory problems
- Paralysis
- Hearing or vision defects
- Speech impairments

DIAGNOSTIC EVALUATION:

- Careful health history and physical examination
- CSF study helps to differentiate the condition from meningitis
- Blood examination for sugar, urea, electrolytes and metabolic products
- Urine examination, toxicologic study and virological study
- CT Scan
- EEG

- Demyelination, vascular and perivascular destruction and cerebral cortical involvement

- In case of rabies and herpes simplex infection, specific inclusions are identified. Characteristic pathological changes are found in falciparum malaria.



can. PRINCIPAL
Aditya College of Pharmacy
SURAMPAL- 533 437

MANAGEMENT :

A. PHARMACOLOGICAL MANAGEMENT :

- **ANTI-INFLAMMATORY DRUGS & ANTIPYRETICS:** Acetaminophen (Tylenol), Ibuprofen (Advil, Motrin IB), and naproxen sodium (Aleve) - to relieve headaches and fever
- **ANTI-VIRAL DRUGS:** Acyclovir (Zovirax), Gancyclovir (Cytovene)
- Mannitol or glycerol may be needed to reduce Intracranial pressure
- Corticosteroid (Dexamethasone)
- Antibiotics

SUBJECTIVE EVIDENCE:

A 12 year old female patient was admitted in paediatric ward with c/o. Fever and drowsiness since 3days, low grade fever, acute onset associated with chills not with rigours, intermittent. Child is drowsy throughout the day. She had H/o. head injury due to fall from chair while playing but no H/o. loss of consciousness. She had H/o. one episode of seizures at the age of 6years that was relieved with medication. She had H/o. monthly sight 2years back.

ASSESSMENT:

Based on subjective and objective evidence, the diagnosis was made as "ENCEPHALITIS".

GOALS:

- To reduce swelling in the head
- To prevent other related complications
- To maintain fluid balance

LIFESTYLE MODIFICATIONS:

- Do regular exercises.
- Reduce stress conditions.
- Maintain healthy weight.
- Maintain healthy blood pressure values.

PRECAUTIONS:

- Monitor blood pressure values regularly.
- Avoid smoking and alcohol consumption.
- Maintain hygienic conditions.
- Advised to do mild mental exercises to retain the normal function of the brain.

- Vitamins and mineral supplements
- IV fluid therapy and dopamine to be given to treat shock and fluid electrolyte balance
- Anti-convulsive drugs

B. NON-PHARMACOLOGICAL MANAGEMENT :

- Oxygenation to be provided by nasal cannula
- Mechanical ventilation is necessary in cardio-respiratory insufficiency.

OBJECTIVE EVIDENCE:

The patient vitals were as;

blood pressure (110/70mmHg), Temperature (afebrile), Heart rate (120bpm), respiratory rate (22/min).

Laboratory investigations were as follows:

Increased CSF Protein (47mg/dl), Glucose (8.6IU/L), Increased haemoglobin (15.4gm/dl%), PCV (42.4%), RBC (5.3millions/Cumm), WBC (5300cells/cumm), ESR (35ml/hr), Neutrophils (44%), Lymphocytes (51%), Monocytes (0.5%), HCV (79.7fl), MCH (28.4), MCHC (35.6gm/dl).

PLAN:

The plan was treated with;

- Inj. Monocel - 100mg/kg given through intravenously thrice a day
- Inj. Amikacin - 500mg given through intravenously thrice a day
- IVF. Isolyte-p - 1600ml/day given through intravenously
- Inj. Ondem - 1ml given through intravenously, if necessary (SOS)
- Inj. Paracetamol - 2ml given through intravenously, if necessary (SOS)

DIETARY CHANGES:

- Eat to maintain a healthy weight.
- Eat plenty of fruits and vegetables.
- Avoid allergy-triggering foods.
- Take vitamin rich foods

THANK YOU

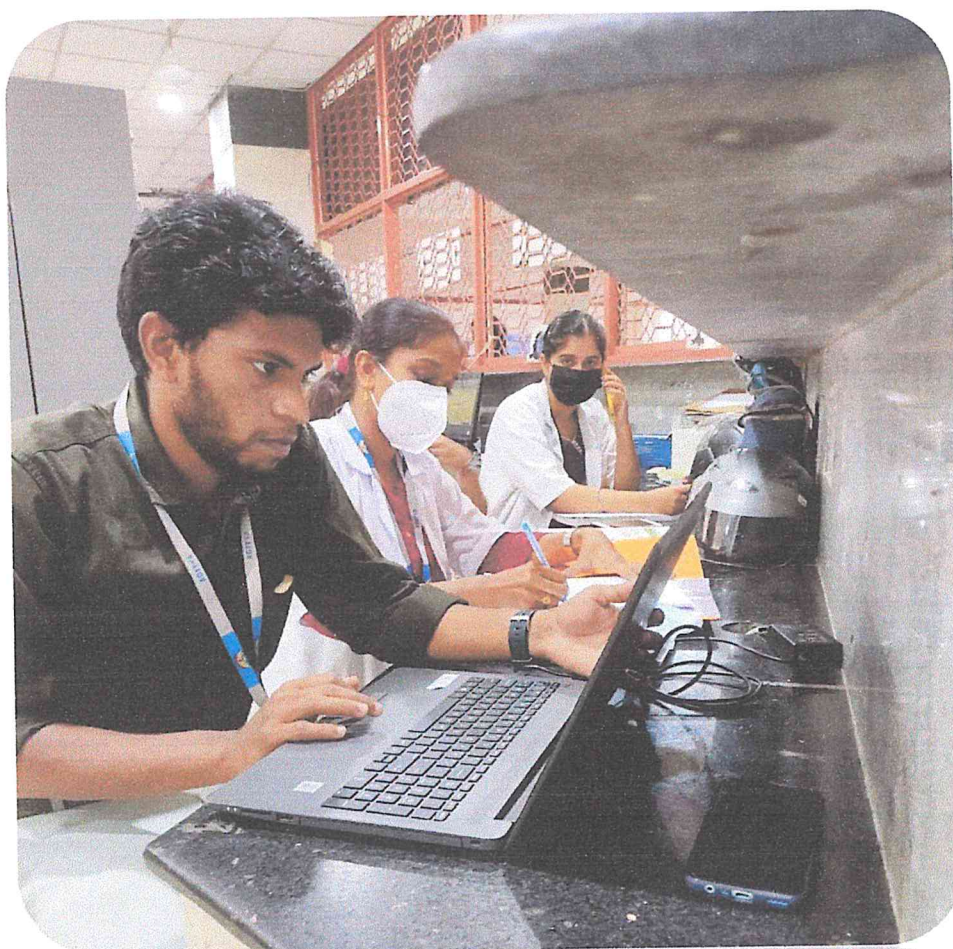


3.3 DRUG CLUB

The students are provided with queries related to drug and drug profiling. Learning how to improve patient outcomes, quality of patient care, and resource management are the goals of this practice.

3.4 JOURNAL CLUB

The students collect articles of their interest and perform article review. This helps them in practicing literature reviews which can be useful while performing intensive research.



[Students are conducting literature review and drug profiling by applying the techniques practiced during drug and journal club]

193 HT0007

ADITYA COLLEGE OF PHARMACY

(Affiliated to JNTUK, Approved by AICTE)

(ADITYA NAGAR, ADB ROAD, SUREMPALEM, 533437, E.G.Dt, Ph.9949876664)

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

JOURNAL CLUB ACTIVITY

Date: 20/12/20

Course: Pharm-D

Topic: A study on impact of pharmacist intervention on therapeutic outcomes of type-II DM patients.

Year & Sem: 2nd yr

Journal: Indian Journal of pharmacy practice

Authors: Conway, Latham

SUMMARY OF ACTIVITY

To study the impact of pharmacist interventions of therapeutic outcomes, determined hemoglobin and Secondary on blood glucose levels, B.P, medication adherence and health related quality of life. A prospective randomised Controlled Study is conducted with 150 type-II diabetic patients of those 75 patients were in the intervention group & receive pharmacist interventions over a period of 4 months and 75 patients were in control group do not receive interventions. The primary outcome measure was change in HbA1c and Secondary outcomes were changes in fasting blood glucose, B.P, medication adherence, self-care activities, quality of life, & population of 150 pts completed the study. The intervention patients exhibited a significant reduction in HbA1c values than the control group, the intervention group showed a great reduction of the fasting blood glucose and blood pressure levels b/w baseline and end of the 4 months than the group. Improvements observed in quality of life, self-reported medication adherence of the type-II DM over a 4 month period.

SIGNATURE OF FACULTY

PRINCIPAL

