ADITYA
PHARMACY COLLEGE

Course schedule

Day 1 : 22-07-2024
Introduction and History of Arc Spark OES
Day 2: 23-07-2024
Principles and Excitation Sources
Day 3: 24-07-2024
Excitation, Detection, and Flash OES Intro
Day 4 : 25-07-2024
Flash OES – History and Principles
Day 5: 26-07-2024
Flash OES – Mechanism and Applications, evaluation, certificate distribution & valediction

Last date for registration (Free) 20-07-2024
(Limited seats)
Ms.Ch.L.Madhavi, Asst.Prof
contact no: 9951495231

Course title:
"Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization"

Course duration: 5 days
22-07-2024 to 26-07-2024

Presented by
Dr. D.Sathis Kumar, Principal
Dr.P.Bhaskar Rao, Assoc. Prof

Coordinated by
Ms. B. Sujiya, Assoc. Prof
Ms.Ch.L.Madhavi, Asst.Prof

Venue:
Aditya Pharmacy College
PG Pharmaceutical Analysis Labs

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
(Affiliated to JNTUK, Approved by AICTE)
(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, EGO VR 9866576663, 08852-200005)
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

Praposal Letter

To
The Principal,
Aditya Pharmacy College,
Surampalem.

Date : 18-07-2024

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on "**Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization**"-reg.

It is with great pleasure that we bring to your attention that the Department of Pharmaceutical Analysis would like to train our students on "**Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization**" which may give new outcome. This training will benefit students both theoretically and practically. In this regard, we request your permission to proceed.

Resource Person:

1) Dr. D.Sathis Kumar, M.Pharm., Ph.D.
   Professor and Principal,
   Aditya Pharmacy College, Surampalem.

2) Dr. P.Bhaskararao, M.Pharm., Ph.D.
   Ass. Professor,
   Aditya Pharmacy College, Surampalem

B. Sujiya

Course Coordinator
(B. SUJIYA)

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 7666
E-mail: office@adityapharmacy.edu.
Web: www.adityapharmacy.edu.
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

15-07-2024

CIRCULAR

This is to inform all B. Pharm students that a five-day add-on course on "**Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization**" will be conducted from July 22, 2024, to July 26, 2024.

Interested students are requested to register their names for the course on or before July 20, 2024.

B. Sujiyo

COURSE COORDINATOR

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
SURAMPALEM
533 437

Copy to

- Circulate among the respective section students
- Class Teachers

ADITYA PHARMACY COLLEGE
PCI
AICTE
NAAC
JNTUK
ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

REGISTRATION FORM

NAME	P. Monika
Roll No.	213G1R0052
Course (B.Pharm/M.Pharm/Pharma D)	B-pharm IV
Year	Dynamic 2025
Registration for	Dynamic Excitation Methods.
Duration	2 days

Declaration: *I am willing to participate in the training program.*

Student Signature: P. Monika

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Dynamic Excitation Methods: Spark and Flash Emission Spectroscopy for material Characterization

Course Period: 22-7-24 to 26-7-24

Enrolled students list

S.NO	REG NO	NAME	SIGNATURE
1	213G1R0052	Pithani Monika	P. Monika
2	213G1R0053	Ponnada Supriya	P. Supriya
3	213G1R0054	Pudi Hemanth Kumar	P. Hemanth
4	213G1R0055	Putta Sai Sowmya	P. Sowmya
5	213G1R0056	R V Rohan Reddy Chintapalli	Ch Rohan Reddy
6	213G1R0057	Relangi Lali Mutya Nandini	R.L.M. Nandini
7	213G1R0059	Sampatirao Yaswanth	S. Yaswath
8	213G1R0060	Seelam Sivamani	S. Sivamani
9	213G1R0062	Siram Sriya Akanksha	S. S. Akanksha
10	213G1R0063	Sripadam Kavya Sri	S. Kavyasri
11	213G1R0064	Supriya Kaki	Supriya Kaki
12	213G1R0066	Tetala Sri Amrutha Varshini	T. S. A. Varshini
13	213G1R0067	Tetali Prasanna	T. Prasanna
14	213G1R0068	Thirnati J S R Vijayadurga Nagalakshmi	T. Jyothi
15	213G1R0069	Bhogireddi Sri Naga Venkata Pratyusha	B. SM.V pratyusha.
16	213G1R0070	Dendukuri Durga Prasad Raju	Durga Prasad
17	213G1R0071	Dharanalakota Satya Syamala Srija	D. S. S. Srija
18	213G1R0072	Edubilli Gunavanth	E. Gunavanth
19	213G1R0073	Kola Geethika Sri Devi Iswarya	K. G. S. Iswarya
20	213G1R0074	Sathi Sudeepa Reddy	S. Sudeya reddy
21	213G1R0075	Yanamadala Praneetha	Y. Praneetha
22	213G1R0076	Beraka Suchitra	B. Suchitra
23	213G1R0077	Mallipati Sumitra	M. Sumitra
24	213G1R0078	Narendravarapu Phani Sai Ram	N. Phani Sai Ram
25	213G1R0079	Rajana Namitha Durga Sai	R. Namitha Durga Sai
26	213G1R0080	Routhu Sai Kumar	R. Saikumar
27	213G1R0081	Singampalli Sai Mounika	S. Sai Mounika
28	213G1R0082	Ulli Likhitha Satish	U. Likhitha Satish
29	213G1R0083	Veernala Harini Teja Sri	V. Harini Teja Sri
30	213G1R0084	Koushik Sasmal	E. Meghana
31	213G1R0085	Meghana Enimireddy	Prem
32	213G1R0086	Prem Kumar	Prem kumar
33	213G1R0088	Sanjoy Kundu	Sanjay kundu
34	213G1R0089	Sathi Rupa Sri Sai Maha Lakshmi	S. Rupa
35	213G1R0090	Shaik Basheerunnisa	S. K. Basheer
36	213G1R0091	Shivani Kumari	S. Kumari
37	213G1R0092	Subha Sabdakar	S. Sabdeer
38	213G1R0093	Subham Mondal	S. Mandal
39	213G1R0094	Subhamoy Tewary	S. Teewary
40	213G1R0095	Suvvana Devi	S. Devi
41	213G1R0096	Gopi Naga Sai Sandeep	G. N. S. Sandeep
42	213G1R0097	Pathika Haritha	P. Haritha
43	213G1R0098	Viswanaduni Uday	V. Uday
44	223G5R0001	Matte Lakshmi Lavanya	L. Lavanya

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Dynamic Excitation Methods: Spark and Flash Emission Spectroscopy for material Characterization

Course Period: 22-7-24 to 26-7-24

ATTENDANCE SHEET

S.NO	REG NO:	NAME	22-7-24		23-7-24		24-7-24		25-7-24		26-7-24	
			F	A	F	A	F	A	F	A	F	A
	213G1R0052	Pithani Monika										
	213G1R0053	Ponnada Supriya										
	213G1R0054	Pudi Hemanth Kumar										
	213G1R0055	Putta Sai Sowmya										
	213G1R0056	R V Rohan Reddy Chintapalli										
	213G1R0057	Relangi Lali Mutya Nandini										
	213G1R0059	Sampatirao Yaswanth										
	213G1R0060	Seelam Sivamani										
	213G1R0062	Siram Sriya Akanksha										
	213G1R0063	Sripadam Kavya Sri										
	213G1R0064	Supriya Naki										
	213G1R0066	Tetala Sri Amrutha Varshini										
	213G1R0067	Tetali Prasanna										
	213G1R0068	Thirnati J S R Vijayadurga Nagalakshmi										
	213G1R0069	Bhogireddi Sri Naga Venkata Pratyusha										
	213G1R0070	Dendukuri Durga Prasad Raju										
	213G1R0071	Dharanalakota Satya Syamala Srija										
	213G1R0072	Edubilli Gunava th										
	213G1R0073	Kola Geethika Sri Devi Iswarya										
	213G1R0074	Sathi Sudeepa Reddy										
	213G1R0075	Yanamadala Praneetha										
	213G1R0076	Beraka Suchitra										
	213G1R0077	Mallipati Sumitra										
	213G1R0078	Narendravarapu Phani Sai Ram										
	213G1R0079	Rajana Namitha Durga Sai										
	213G1R0080	Routhu Sai Kumar										
	213G1R0081	Singampalli Sai Mounika										
	213G1R0082	Ulli Likhitha Satish										
	213G1R0083	Veernala Harini Teja Sri										
	213G1R0084	Koushik Sasmal										
	213G1R0085	Meghana Enimireddy										
	213G1R0086	Prem Kumar										
	213G1R0088	Sanjoy Kundu										
	213G1R0089	Sathi Rupa Sri Sai Maha Lakshmi										
	213G1R0090	Shaik Basheerunnisa										
	213G1R0091	Shivani Kumari										
	213G1R0092	Subha Sabdakar										
	213G1R0093	Subham Mondal										
	213G1R0094	Subhamoy Tewary										
	213G1R0095	Sivanandam										
	213G1R0096	Gopi Naga Sai Sandeep										
	213G1R0097	Pathika Harika										
	213G1R0098	Viswanadum Uday										
	223G5R0001	Mette Lakshmi Lavanya										

ADITYA PHARMACY COLLEGE PRINCIPAL Pharmacy College RAJAM-532 437

ADITYA PHARMACY COLLEGE

Course Title: Dynamic Excitation Methods: Spark and Flash Emission Spectroscopy for material Characterization

Course Period: 22-7-24 to 26-7-24

CERTIFICATE ISSUED LIST

S.NO	REG NO	NAME	SIGNATURE
1	213G1R0052	Pithani Monika	P. Monika
2	213G1R0053	Ponnada Supriya	P. Supriya
3	213G1R0054	Pudi Hemanth Kumar	P. Hemanth
4	213G1R0055	Putta Sai Sowmya	P. Sowmya
5	213G1R0056	R V Rohan Reddy Chintapalli	Ch. Rohan Reddy
6	213G1R0057	Relangi Lali Mutya Nandini	R.L.M. Nandini
7	213G1R0059	Sampatirao Yaswanth	S. Yaswanth
8	213G1R0060	Seelam Sivamani	S. Sivamani
9	213G1R0062	Siram Sriya Akanksha	S. S. Akanksha
10	213G1R0063	Sripadam Kavya Sri	S. Kavya
11	213G1R0064	Supriya Kaki	Supriya Kaki
12	213G1R0066	Tetala Sri Amrutha Varshini	T. S. A. Varshini
13	213G1R0067	Tetali Prasanna	T. Prasanna
14	213G1R0068	Thirnati J S R Vijayadurga Nagalakshmi	T. Jyothi
15	213G1R0069	Bhogireddi Sri Naga Venkata Pratyusha	B.S.M.V pratyusha.
16	213G1R0070	Dendukuri Durga Prasad Raju	D. Durga Prasad
17	213G1R0071	Dharanalakota Satya Syamala Srija	D. S. S. Srija
18	213G1R0072	Edubilli Gunavanth	E. Gunavanth
19	213G1R0073	Kola Geethika Sri Devi Iswarya	K. G. S. Iswarya
20	213G1R0074	Sathi Sudeepa Reddy	S. Sudeepa Reddy
21	213G1R0075	Yanamadala Praneetha	Y. Praneetha
22	213G1R0076	Beraka Suchitra	B. Suchitra
23	213G1R0077	Mallipati Sumitra	M. Sumitra
24	213G1R0078	Narendravarapu Phani Sai Ram	N. Phani Sai Ram
25	213G1R0079	Rajana Namitha Durga Sai	R. Namitha Durga Sai
26	213G1R0080	Routhu Sai Kumar	R. Saikumar
27	213G1R0081	Singampalli Sai Mounika	S. Sai Mounika
28	213G1R0082	Ulli Likhitha Satish	U. Likhitha Satish
29	213G1R0083	Veernala Harini Teja Sri	V. Harini Teja Sri
30	213G1R0084	Koushik Sasmal	Koushik Sasmal
31	213G1R0085	Meghana Enimireddy	E. Meghana
32	213G1R0086	Prem Kumar	Prem Kumar
33	213G1R0088	Sanjoy Kundu	Sanjoy Kundu
34	213G1R0089	Sathi Rupa Sri Sai Maha Lakshmi	S. Rupa
35	213G1R0090	Shaik Basheerunnisa	S.K. Basheerunnisa
36	213G1R0091	Shivani Kumari	S. Kumari
37	213G1R0092	Subha Sabdakar	S. Sabdakar
38	213G1R0093	Subham Mondal	S. Mandal
39	213G1R0094	Subhamoy Tewary	S. Tewary
40	213G1R0095	Suvvana Devi	S. Devi
41	213G1R0096	Gopi Naga Sai Sandeep	G. N. S. Sandeep
42	213G1R0097	Pathika Haritha	P. Haritha
43	213G1R0098	Viswanaduni Uday	V. Uday
44	223G5R0001	Matte Lakshmi Lavanya	L. Lavanya

Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

ACADEMIC YEAR: 2024-25
COURSE SCHEDULE
COURSE NAME: "Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization".

COURSE OBJECTIVE: **(30 HRS)**

- To understand the Investigating Material Composition of various materials with high precision using spark excitation source, spark stand or flash excitation techniques.
- To understand the Enhancing Spectroscopic Accuracy and sensitivity of spectroscopic measurements by optimizing dynamic excitation methods.
- To understand the Characterizing Microstructural Properties
- To understand the Developing Advanced Analytical Applications such as detecting trace elements or impurities in materials.

Day 1: 22-07-2024
Module 1: **Introduction & Brief History (Arc Spark Optical Emission spectrometry)**
- Bright light development from flame
- Comparison of spark and flame spectra lines

Day 2: 23-07-2024
Module 2: **Principle & Instrumentation**
- Interaction between electrical energy and metal sample
- Spark / Arc excitation source
- DC & AC Arc excitation source

Day 3: 24-07-2024
Module 3: **Working of OES**
- Excitation source cycle
- Detection System and Applications

Flash Emission Spectroscopy Introduction

Day 4: 25-07-2024
Module 4: **Historical Development of Supernova Method**
- General View of Super Nova
- Spectra

Day 5: 26-07-2024
Module 5: **Light Curves & Spectral Evaluation**
- Homogeneity
- Heterogeneity
- Applications

Panel Discussion and Q&A

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

ACADEMIC YEAR: 2024-25
COURSE SYLLBUS

COURSE NAME: "Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization".

COURSE OBJECTIVE: **(30 HRS)**

- To understand the Investigating Material Composition of various materials with high precision using spark excitation source, spark stand or flash excitation techniques.
- To understand the Enhancing Spectroscopic Accuracy and sensitivity of spectroscopic measurements by optimizing dynamic excitation methods.
- To understand the Characterizing Microstructural Properties
- To understand the Developing Advanced Analytical Applications such as detecting trace elements or impurities in materials.

Day 1: 22-07-2024

Module 1: **Introduction & Brief History (Arc Spark Optical Emission spectrometry)**
- Bright light development from flame
- Comparison of spark and flame spectra lines

Day 2: 23-07-2024

Module 2: **Principle & Instrumentation**
- Interaction between electrical energy and metal sample
- Spark / Arc excitation source
- DC & AC Arc excitation source

Day 3: 24-07-2024

Module 3: **Working of OES**
- Excitation source cycle
- Detection System and Applications

Flash Emission Spectroscopy Introduction

Day 4: 25-07-2024

Module 4: **Historical Development of Supernova Method**
- General View of Super Nova
- Spectra

Day 5: 26-07-2024

Module 5: **Light Curves & Spectral Evaluation**
- Homogeneity
- Heterogeneity
- Applications

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

213G1R0059

ADITYA PHARMACY COLLEGE
(An Autonomous Institution)
Aditya Nagar, ADB Road, Surampalem – 533 437, Kakinada Dist., A.P., INDIA.

MCQ

Max.Marks:20M

1. **What is the primary purpose of Spark Emission Spectroscopy (SES) in material characterization** (B)

a) To measure the thermal conductivity of materials
b) To analyze the elemental composition of materials
c) To measure the magnetic properties of materials
d) To analyze the microstructure of materials

2. **Which of the following is a key advantage of Flash Emission Spectroscopy (FES)** (D)

a) High sensitivity to non-metals
b) Real-time analysis of material surface conditions
c) Ability to analyze large volumes of material at once
d) Minimal sample preparation required

3. **In Spark Emission Spectroscopy, what initiates the emission of light from the material** (B)

a) A rapid heat pulse
b) A strong electric spark or discharge
c) A laser beam
d) A magnetic field

4. **What is typically used as a reference in Flash Emission Spectroscopy** (C)

a) A known material with a similar composition
b) A laser-induced plasma
c) A calibration standard with known emission lines
d) A voltage pulse from the spectrometer

5. **Which of the following materials can be effectively analyzed using Spark Emission Spectroscopy** (C)

a) Non-metallic materials
b) Organic compounds
c) Metal alloys
d) Ceramic composites

6. **What type of emission spectra are generated during Spark Emission Spectroscopy** (A)

a) Atomic absorption spectra
b) Continuous spectra
c) Atomic emission spectra
d) Molecular fluorescence spectra

7. **Flash Emission Spectroscopy (FES) is most commonly used in which field?** (C)

a) Environmental monitoring
b) Pharmaceutical testing
c) Metal and alloy analysis
d) Biological research

8. **Which of the following factors can influence the results of Spark Emission Spectroscopy** (D)

a) The pressure of the surrounding atmosphere
b) The intensity of the light source
c) The type of detector used
d) All of the above

9. **In Spark Emission Spectroscopy, what is the primary role of the spark discharge** (A)

a) To ionize the material and excite atoms
b) To cool down the sample quickly
c) To break down the material into smaller pieces
d) To purify the material before analysis

10. **Which of the following is a limitation of Flash Emission Spectroscopy** (C)

a) Inability to analyze metals
b) Requires a large sample volume
c) Limited detection of trace elements
d) High cost of equipment

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

213G1R0052

Title: "Dynamic Excitation Methods: Understanding Spark and Flash Emission Spectroscopy for Material Characterization"

Date: 22-07-2024 to 25-07-2024 **Venue: APC Seminar Hall, Aditya Pharmacy College**

5. Outstanding 4. Excellent 3.Very Good 2.Good 1.Average

	01-04-2024	02-04-2024	03-04-2024	04-04-2024	05-04-2024
Overall feedback on the course	4	4	4	4	4
Overall feedback on the trainer	4	5	4	4	4
How well was the training structured	5	5	5	5	5
How easy was it to understand he content	4	4	4	4	4
How effectively did the trainer manage the group	5	5	5	5	5
How clear were the trainer's presentation skills	4	4	4	4	4
Did the training meet your personal expectations	5	5	5	5	5

ADITYA PHARMACY COLLEGE SURAMPALEM-533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

A REPORT ON

Five days training programme on **"Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization".**

Course Period: 22.07.2024 to 26.07.2024

Venue: Aditya Pharmacy College

TRAINING PROGRAMOVERVIEW:

The main objective of this five days training programme is to give insights on applications of **"Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization".**

Resource Person:

Dr.D.Sathis Kumar,
Professor & Principal,
Aditya Pharmacy College
Surampalem.

Dr.P.Bhaskararao
Assoc Professor,
Aditya Pharmacy College
Surampalem.

Title: A five days training programme on **"Dynamic Excitation Methods: Understanding Spark and Flash Emission spectroscopy for material characterization".**

Schedule of Training Programme

Date: 22.07.2024 to 26.07.2024

Course Duration: 5 days (30 hours)

- **Timing:** 09:30A.M to 04:00 P.M

Course Period: 22.07.2024 to 26.07.2024

Target Audience:

Students from IV-B. Pharmacy

No of Students Attended: 44

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

DEPARTMENT OF PHARMACEUTICAL ANALYSIS

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

PROUDLY PRESENTS

CERTIFICATE OF COMPLETION

TO

Pithani Monika

Reg. No.: 213G1R0052 OF IV/IV B. Pharmacy

for successfully completing the Five-Day Value-Added Certification Course titled Dynamic Excitation Methods: Spark and Flash Emission Spectroscopy for Material Characterization, conducted by the Department of Pharmaceutical Analysis from 22nd to 26th July 2024, demonstrating dedication, engagement, and commitment to skill enhancement in advanced analytical techniques.

Demonstrating Academic Excellence, the Participant secured 9/10 marks in the End-of-Course Assessment conducted on 26th July 2024, showcasing remarkable subject proficiency.

Certificate ID: APC-DPA/2024-2025/VAC-1/001

Ms. Sujiya Balla
Course Coordinator
Dept. of Pharmaceutical Analysis
Aditya Pharmacy College (A)
Surampalem

ADITYA

Dr. D. Sathis Kumar
Principal
Aditya Pharmacy College (A)
Surampalem

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

PCI
JNTUK
NAAC
ISO
AUTONOMOUS

"Ethosomes"

09-09-2024 to 13-09-2024

Day 1 : 09-09-2024

Introduction to Ethosomes and Transdermal Drug Delivery Systems

Day 2: 10-09-2024

Formulation Design and Development

Day 3: 11-09-2024

Characterization and Evaluation

Day 4 : 12-09-2024

Applications and Recent Advances

Day 5: 13-09-2024

Research Proposal Development, certificate distribution & valediction

WHO CAN ATTEND

IV B.PHARM STUDENTS

VENUE

SEMINAR HALL

ADITYA PHARMACY COLLEGE (A)

LAST DATE FOR REGISTRTION: 4-9-24

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

office@adityapharmacy.edu.in

For more details contact

Mrs. G. Sridevi, Asst. Prof

contact no: 8464054790

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
Approved by PCI, New Delhi ; Accredited by NAAC "A" Grade
Permanently Affiliated to JNTUK, Kakinada
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.
Ph: 98665 766
E-mail: office@adityapharmacy.edu
Web: www.adityapharmacy.edu

PRAPOSAL LETTER

Dated:02-09-2024

To
The Principal,
Aditya Pharmacy College

Respected Sir/Madam,

SUB: Request for approval of five-day value-added course titled "Ethosomes"-Reg.

* * *

I am writing to propose the organization of a five-day value-added course titled "Ethosomes", scheduled to be conducted from 09-09-2024 to 13-09-2024. This program aims to enhance participants' understanding of ethosomal drug delivery systems, an emerging and advanced lipid-based vesicular carrier known for its effectiveness in transdermal and dermal drug delivery.

Ethosomes, composed mainly of phospholipids, ethanol, and water, offer distinct advantages such as enhanced skin permeability, improved drug encapsulation, and deeper penetration compared to traditional vesicular systems. These features make them highly relevant in current pharmaceutical research and practice, particularly for systemic delivery through topical routes.

The course will include sessions on the formulation techniques, characterization methods, mechanism of action, and applications of ethosomes, emphasizing recent advancements and translational potential. We intend to invite distinguished academicians and industry professionals to deliver expert lectures and practical demonstrations, enriching the learning experience.

This initiative will greatly benefit our students and faculty by expanding their knowledge of innovative drug delivery platforms and strengthening our institution's academic and research foundation in pharmaceutical sciences.

We kindly seek your approval to proceed with organizing this value-added course.

Thank you for your continued encouragement and support.

Yours sincerely,
Dr. CH. S. Phani Kumar,
Department of Pharmaceutics,
Aditya Pharmacy College.

ADITYA PHARMACY COLLEGE
SURAMPALEM
533 437

2/9/24

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
(Affiliated to JNTUK, Approved by AICTE)

(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, KAKINADA DISTRICT, 9866576663, 08852-200005)
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

ACADEMIC YEAR: 2024-25

COURSE SCHEDULE

COURSE NAME: Ethosomes **(30 HRS)**

COURSE OBJECTIVE:

- To understand the concept and significance of ethosomal drug delivery systems.
- To explore the formulation techniques and characterization of ethosomes.
- To study the advantages of ethosomes in transdermal and targeted drug delivery.
- To analyze the stability, safety, and efficacy of ethosomal formulations.
- To understand the applications of ethosomes in pharmaceutical and cosmetic industries.

Schedule:

Day 1: 09-09-2024
Module I:

- Introduction to Ethosomal Drug Delivery System
- Composition and Mechanism of Action of Ethosomes

Day 2: 10-09-2024
Module II:

- Formulation and Preparation Methods of Ethosomes
- Factors Influencing Ethosomal Formulations

Day 3: 11-09-2024
Module III:

- Characterization and Evaluation Techniques of Ethosomes
- Stability Studies and Quality Control Parameters

Day 4: 12-09-2024
Module IV:

- Applications of Ethosomal Drug Delivery in Pharmaceuticals
- Role of Ethosomes in Transdermal and Targeted Drug Delivery

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

Day 5: 13-09-2024
Module V:

- Challenges and Future Perspectives of Ethosomal Drug Delivery
- Case Studies and Recent Advances in Ethosomal Research

REFERENCES:

1. Touitou, E., & Godin, B. (2000). *Ethosomes – Novel Vesicular Carriers for Enhanced Transdermal Delivery*. Journal of Controlled Release.
2. Verma, P., & Pathak, K. (2010). *Therapeutic and Cosmeceutical Potential of Ethosomes – A Review*. Journal of Advanced Pharmaceutical Technology & Research.
3. Mishra, D., Mishra, P.K., Dabadghao, S., & Jain, N.K. (2007). *Evaluation of Ethosomes as Efficient Carriers for Transdermal Delivery of Amphotericin B*. International Journal of Drug Delivery.

Course Coordinator

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

Date: 01-09-2024

CIRCULAR

This is to inform all IV B.Pharm students that Department of Pharmaceutics is conducting a five-day short course on **"ETHOSOMES"** from **09/09/24 to 13/09/24.** The interested students can register for the course on or before **04-09 -2024.**

1/9/24

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE
PCI
AICTE
NAAC
JNTUK
ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

REGISTRATION FORM

NAME	A. Mahesh
Roll No.	213G1R0001
Course (B.Pharm/M.Pharm/Pharma D)	B.pharma
Year	IV th year
Registration for	Ethesomes
Duration	9/9/24 – 13/9/2024 (5 days)

Declaration: *I am willing to participate in the training program.*

Student Signature: A. Mahesh

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
Course Title: "ETHOSOMES"
Course Period: 09-09-2024 to 13-09-2024
List of students Enrolled

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	213G1R0001	ADDALA MAHESH	B.PHARM	IV	A. Mahesh
2	213G1R0002	AKULA NEELA VENKATA SAI SANDHYA	B.PHARM	IV	A. Sandhya
3	213G1R0003	AMBATI BHAVYA SAI SRI	B.PHARM	IV	A. Bhavyasri
4	213G1R0004	AMBATI CHAKRA JYOTHI	B.PHARM	IV	A. Chakra
5	213G1R0006	BANDISURI SAHEEDA BEGAM	B.PHARM	IV	B. Saheeda
6	213G1R0007	BEEDAM ASHA	B.PHARM	IV	B. Asha
7	213G1R0008	BONDU MOTHER THERESSA	B.PHARM	IV	B. M. Theressa
8	213G1R0009	CHIKATI BALAJI	B.PHARM	IV	Ch. Balaji
9	213G1R0010	CHINNI VEERA VENKATA MALLESWARI	B.PHARM	IV	Ch. V. V. Mallesvari
10	213G1R0011	CHINTA ALEKHYA	B.PHARM	IV	Ch. Alekhya
11	213G1R0012	CHINTA JAYA SIVA SWAROOP	B.PHARM	IV	Ch. Swaroop.
12	213G1R0013	CHIRRA MARGREAT HELEENA	B.PHARM	IV	Ch. M. Heleena
13	213G1R0014	CHITNEEDI LAKSHMI GEETHIKA	B.PHARM	IV	Ch. L. Geethika
14	213G1R0015	CHUNDURI HARSHINI	B.PHARM	IV	CH. Harshini
15	213G1R0016	DODDA LIKHITHA	B.PHARM	IV	D. Likhitha
16	213G1R0018	GADA VANDANA	B.PHARM	IV	G. Vandana
17	213G1R0019	GAMIDI SAI TEJASWINI	B.PHARM	IV	G. Tejaswini
18	213G1R0020	GEDELA AJAY SAI	B.PHARM	IV	G. Ajay Sai
19	213G1R0021	GOLLAPALLI CHANDRA SHEKHAR	B.PHARM	IV	G. Chandra
20	213G1R0022	GOMPA SANDHYA	B.PHARM	IV	G. Sandhya.
21	213G1R0023	GOPA MEENAKSHI	B.PHARM	IV	G. Meenakshi
22	213G1R0024	GUTTULA BHUVANESWARI	B.PHARM	IV	G. Bhuvaneswari
23	213G1R0025	JALAGADUGULA JAYASREE	B.PHARM	IV	J. Jaya Sree
24	213G1R0026	KADALI SWATHI	B.PHARM	IV	K. Swathi
25	213G1R0027	KARRI PAVANI SRIVIDYA	B.PHARM	IV	K. Pavani Srividya
26	213G1R0028	KASA SHANMUKHA	B.PHARM	IV	K. Shanmukha
27	213G1R0029	KINTHADA TEJASWINI	B.PHARM	IV	K. Tejaswini
28	213G1R0031	KORAMATI HANSIKA	B.PHARM	IV	K. Hansika
29	213G1R0032	KORAMATI HARIKA	B.PHARM	IV	K. Harika
30	213G1R0033	KOTA HEPSIBA	B.PHARM	IV	K. Hepsiba
31	213G1R0034	MADAVARAPU RAMA LAKSHMI	B.PHARM	IV	M. Ramalakshmi
32	213G1R0036	MADDURI SIVAMANI	B.PHARM	IV	M. Sivamani
33	213G1R0037	MAKIREDDI RAJESWARI	B.PHARM	IV	M. Rajeswari

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE

Course Title: ETHOSOMES

Course Period: 09-09-2024 to 13-09-2024

Attendance Sheet

S.No.	Roll No.	Name of the Student	09.09.24		10.09.24		11.09.24		12.09.24		13.09.24	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	213G1R0001	ADDALA MAHESH										
2	213G1R0002	AKULA NEELA VENKATA SAI SANDHYA										
3	213G1R0003	AMBATI BHAVYA SAI SRI										
4	213G1R0004	AMBATI CHAKRA JYOTHI										
5	213G1R0006	BANDISURI SAHEEDA BEGAM										
6	213G1R0007	BEEDAM ASHA										
7	213G1R0008	BONDU MOTHER THERESSA										
8	213G1R0009	CHIKATI BALAJI										
9	213G1R0010	CHINNI VEERA VENKATA MALLESWARI										
10	213G1R0011	CHINTA ALEKHYA										
11	213G1R0012	CHINTA JAYA SIVA SWAROOP										
12	213G1R0013	CHIRRA MARGREAT HELEENA										
13	213G1R0014	CHITNEEDI LAKSHMI GEETHIKA										
14	213G1R0015	CHUNDURI HARSHINI										
15	213G1R0016	DODDA LIKHITHA										
16	213G1R0018	GADA VANDANA										
17	213G1R0019	GAMIDI SAI TEJASWINI										
18	213G1R0020	GEDELA AJAY SAI										
19	213G1R0021	GOLLAPALLI CHANDRA SHEKHAR										
20	213G1R0022	GOMPA SANDHYA										
21	213G1R0023	GOPA MEENAKSHI										
22	213G1R0024	GUTTULA BHUVANESWARI										
23	213G1R0025	JALAGADUGULA JAYASREE										

PRINCIPAL
Aditya Pharmacy College
PEDAMPALEM-533 437

S.No.	Roll No.	Name of the Student	09.09.24		10.09.24		11.09.24		12.09.24		13.09.24	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
24	213G1R0026	KADALI SWATHI										
25	213G1R0027	KARRI PAVANI SRIVIDYA										
26	213G1R0028	KASA SHANMUKHA										
27	213G1R0029	KINTHADA TEJASWINI										
28	213G1R0031	KORAMATI HANSIKA										
29	213G1R0032	KORAMATI HARIKA										
30	213G1R0033	KOTA HEPSIBA										
31	213G1R0034	MADAVARAPU RAMA LAKSHMI										
32	213G1R0036	MADDURI SIVAMANI										
33	213G1R0037	MAKIREDDI RAJESWARI										
34	213G1R0038	MANCHALA PHANI SRI HARSHITA										
35	213G1R0039	NIKHIL JILLELLA										
36	213G1R0040	PALA SATYANARAYANA RAJU										
37	213G1R0041	ALLAKA CHANDINI										
38	213G1R0042	ANATHBANDHU DE										
39	213G1R0043	ANKUR ACHERJEE										
40	213G1R0044	BINOY DAS										
41	213G1R0045	BIRESWAR DHABAL										
42	213G1R0046	BUGATA SURYA BHAVYESH										
43	213G1R0047	GUTHULA HARITHA										
44	213G1R0048	HITESH RAJ MANDAL										
45	213G1R0049	KARRI LAKSHMI KSHEERAJA										

PRINCIPAL
Aditya Pharmacy College
PEDDAPALLI-533 437

ADITYA PHARMACY COLLEGE
PEDDAPALLI-533 437

ADITYA PHARMACY COLLEGE
Course Title: "ETHOSOMES"
Course Period: 9-9-2024 to 13-9-2024

213U1R0001

1. What are Ethosomes primarily used for? [b]
   a) Oral drug delivery
   b) Transdermal drug delivery
   c) Intravenous drug delivery
   d) Ocular drug delivery
2. Ethosomes are composed of phospholipids, ethanol, and _____. [a]
   a) Water
   b) Chloroform
   c) Glycerol
   d) Acetone
3. What is the role of ethanol in Ethosomes? [b]
   a) Acts as a preservative
   b) Enhances skin penetration
   c) Provides color to the formulation
   d) Reduces drug stability
4. Ethosomes differ from liposomes in terms of: [a]
   a) Higher ethanol content
   b) Lower lipid content
   c) Lack of vesicular structure
   d) Use of surfactants
5. Which of the following is an advantage of Ethosomes? [a]
   a) Increased drug absorption through the skin
   b) Poor stability
   c) Limited application in dermatology
   d) High molecular weight drug incompatibility
6. Ethosomes are best suited for delivering: [c]
   a) Hydrophilic drugs only
   b) Lipophilic drugs only
   c) Both hydrophilic and lipophilic drugs
   d) Only protein-based drugs
7. Which of the following factors affect Ethosomal penetration? [d]
   a) Size of vesicles
   b) Ethanol concentration
   c) Charge on vesicles
   d) All of the above
8. What is the typical size range of Ethosomes? [b]
   a) 10-50 nm
   b) 100-500 nm
   c) 1-10 µm
   d) 50-100 µm
9. Ethosomes are most commonly used for the treatment of: [c]
   a) Cardiovascular diseases
   b) Neurological disorders
   c) Skin diseases
   d) Respiratory diseases
10. Which technique is commonly used for the preparation of Ethosomes? [c]
    a) Hot melt extrusion
    b) Solvent evaporation method
    c) Cold method
    d) Spray drying

10/10

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

213G1R0001

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

Title: "ETHOSOMES"

Date: 9-9-2024 to 13-9-2024 **Venue: PG Analysis lab, Aditya Pharmacy College**

5. Outstanding 4.Excellent 3.Very Good 2.Good 1.Average

	9-9-2024	10-9-2024	11-9-2024	12-9-2024	13-9-2024
Overall feedback on the course	4	5	4	5	4
Overall feedback on the trainer	4	5	4	5	4
How well was the training structured	5	4	5	4	5
How easy was it to understand he content	4	5	4	5	4
How effectively did the trainer manage the group	5	4	5	4	5
How clear were the trainer's presentation skills	4	5	4	5	4
Did the training meet your personal expectations	5	4	5	4	5

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A"Grade
• Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

A REPORT ON

Five days training programme on **"ETHOSOMAL DRUG DELIVERY SYSTEM"** Course Period: 9.09.2024 to 13.09.2024

Venue: Aditya Pharmacy College, Surampalem.

ADD-ON-PROGRAM OVERVIEW:

The main objective of this five days add-on-program was to give insights **"ETHOSOMAL DRUG DELIVERY SYSTEM"**

Resource Person: Dr.T. Uday Kumar, Professor, Dr.CH. S. Phani Kumar, Professor, Aditya Pharmacy College, Surampalem

Title: A five days training add-on-program on **"ETHOSOMAL DRUG DELIVERY SYSTEM."**

SCHEDULE OF ADD-ON-PROGRAM:

Date: 9.09.2024 to 13.09.2024

Course Duration: 5 days (30 hours)

Timing: 09:30A.M to 04:00 P.M

Course Period: 9.09.2024 to 13.09.2024

Target Audience:

Students from IV-B. Pharmacy

No of Students Attended: 46

Department of Pharmaceutics conducted a Five days add-on-program on **"ETHOSOMAL DRUG DELIVERY SYSTEM"** to enhance the knowledge on pharmaceutical Drug discovery and development.

DAY:1
MODULE:1 Introduction to Ethosomes and Transdermal Drug Delivery Systems

- Overview of novel drug delivery technologies
- Focused discussion on ethosomes as lipid-based carriers
- Advantages of ethosomes over traditional delivery systems
- Interactive Q&A session with participants to address introductory concepts.

DAY:2
MODULE:2 Formulation Design and Development

- Hands-on session on designing ethosomal formulations
- Selection of key excipients and optimization parameters
- Highlighted challenges and strategies in formulation techniques
- Group activity focused on simulation-based design methods

DAY:3
MODULE:3: Characterization and Evaluation

- Training on physical and chemical evaluation of ethosomal formulations
- Techniques such as particle size analysis, zeta potential, and encapsulation efficiency
- Demonstration of in vitro permeability and stability studies
- Peer discussion to share observations and troubleshoot issues.

DAY:4
MODULE:4: Applications and Recent Advances

- Real-world applications in pharmaceutical and cosmetic industries
- Insights into current research trends and technological innovations
- Case studies of market-ready ethosomal products
- Panel discussion with industry experts

DAY:5
MODULE:5: Research Proposal Development, Certificate Distribution & Valediction

- Workshop on developing research proposals in transdermal delivery
- Guidance on framing objectives, methodology, and expected outcomes
- Certificates awarded to all participants
- Closing remarks by organizers and guest speakers

Dr.T. Uday Kumar, Professor, Dr.CH. S. Phani Kumar, Professor was invited to be Resource Person. He conducted the entire programme with the assistance, coordination and in association with Mrs.G. Sridevi Associate. Professor, Mr. G. Rama Krishna Associate Professor, Schedule for the programme and Power Point Presentation on **"ETHOSOMAL DRUG DELIVERY SYSTEM"** was sent to all the faculty members and students. In this program Students were participated.

The speakers delivered the power point presentation on **"ETHOSOMAL DRUG DELIVERY SYSTEM"** and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.

COURSE CO – ORDINATOR

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: "ETHOSOMES"

Course Period: 09-09-2024 to 13-09-2024

CERTIFICATE ISSUED LIST

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	213G1R0001	ADDALA MAHESH	B.PHARM	IV	
2	213G1R0002	AKULA NEELA VENKATA SAI SANDHYA	B.PHARM	IV	A. Sandhya
3	213G1R0003	AMBATI BHAVYA SAI SRI	B.PHARM	IV	A. Bhavya
4	213G1R0004	AMBATI CHAKRA JYOTHI	B.PHARM	IV	A. chakra jyothi
5	213G1R0006	BANDISURI SAHEEDA BEGAM	B.PHARM	IV	B. Saheeda begum
6	213G1R0007	BEEDAM ASHA	B.PHARM	IV	B. Asha
7	213G1R0008	BONDU MOTHER THERESSA	B.PHARM	IV	B. Theressa
8	213G1R0009	CHIKATI BALAJI	B.PHARM	IV	
9	213G1R0010	CHINNI VEERA VENKATA MALLESWARI	B.PHARM	IV	Ch. Malleswari
10	213G1R0011	CHINTA ALEKHYA	B.PHARM	IV	Ch. alekhya
11	213G1R0012	CHINTA JAYA SIVA SWAROOP	B.PHARM	IV	Ch. Swaroop
12	213G1R0013	CHIRRA MARGREAT HELEENA	B.PHARM	IV	CH. M. heleena
13	213G1R0014	CHITNEEDI LAKSHMI GEETHIKA	B.PHARM	IV	
14	213G1R0015	CHUNDURI HARSHINI	B.PHARM	IV	ch. Harshini
15	213G1R0016	DODDA LIKHITHA	B.PHARM	IV	D. Likhitha.
16	213G1R0018	GADA VANDANA	B.PHARM	IV	G. Vandana
17	213G1R0019	GAMIDI SAI TEJASWINI	B.PHARM	IV	G. Sai Tejaswini
18	213G1R0020	GEDELA AJAY SAI	B.PHARM	IV	G. Ajay sai
19	213G1R0021	GOLLAPALLI CHANDRA SHEKHAR	B.PHARM	IV	G. Shekhar
20	213G1R0022	GOMPA SANDHYA	B.PHARM	IV	G. Sandhya
21	213G1R0023	GOPA MEENAKSHI	B.PHARM	IV	G. Meenakshi
22	213G1R0024	GUTTULA BHUVANESWARI	B.PHARM	IV	G. Bhuvi
23	213G1R0025	JALAGADUGULA JAYASREE	B.PHARM	IV	J. Jayasree
24	213G1R0026	KADALI SWATHI	B.PHARM	IV	K. Swathi
25	213G1R0027	KARRI PAVANI SRIVIDYA	B.PHARM	IV	

Aditya Pharmacy College

S.No.	Roll No.	Name of the Student	Course	Year	Signature
26	213G1R0028	KASA SHANMUKHA	B.PHARM	IV	K.Shanmukha
27	213G1R0029	KINTHADA TEJASWINI	B.PHARM	IV	K.Tejaswini
28	213G1R0031	KORAMATI HANSIKA	B.PHARM	IV	
29	213G1R0032	KORAMATI HARIKA	B.PHARM	IV	
30	213G1R0033	KOTA HEPSIBA	B.PHARM	IV	
31	213G1R0034	MADAVARAPU RAMA LAKSHMI	B.PHARM	IV	
32	213G1R0036	MADDURI SIVAMANI	B.PHARM	IV	
33	213G1R0037	MAKIREDDI RAJESWARI	B.PHARM	IV	
34	213G1R0038	MANCHALA PHANI SRI HARSHITA	B.PHARM	IV	
35	213G1R0039	NIKHIL JILLELLA	B.PHARM	IV	
36	213G1R0040	PALA SATYANARAYANA RAJU	B.PHARM	IV	
37	213G1R0041	ALLAKA CHANDINI	B.PHARM	IV	A.Chandini
38	213G1R0042	ANATHBANDHU DE	B.PHARM	IV	
39	213G1R0043	ANKUR ACHERJEE	B.PHARM	IV	Ankur Acherjee
40	213G1R0044	BINOY DAS	B.PHARM	IV	
41	213G1R0045	BIRESWAR DHABAL	B.PHARM	IV	Bireswar Dhabal
42	213G1R0046	BUGATA SURYA BHAVYESH	B.PHARM	IV	
43	213G1R0047	GUTHULA HARITHA	B.PHARM	IV	G. Haritha
44	213G1R0048	HITESH RAJ MANDAL	B.PHARM	IV	
45	213G1R0049	KARRI LAKSHMI KSHEERAJA	B.PHARM	IV	K Lakshmi Kheeraja
46	213G1R0050	MAYANK MISHRA	B.PHARM	IV	

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE

ADITYA NAGAR, ADB ROAD, SURAMPALEM, ANDHRA PRADESH

Website: www.adityapharmacy.edu.in. Email: office@adityapharmacy.edu.in

CERTIFICATE OF PARTICIPATION

This is to certify that

ADDALA MAHESH

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2025 on

"ETHOSOMES" organized by *ADITYA PHARMACY COLLEGE* from

09.09.2024 to 13.09.2024

His / Her Participation is highly appreciated.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

N. Satish Reddy

DR. N. SATISH REDDY
VICE-CHAIRMAN

DR. D. SATHIS KUMAR
PRINCIPAL

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
533 437

ADITYA
PHARMACY COLLEGE

Course title:

Allosteric Modulators and Biased Ligand

Course duration:

5days

Course Period:

04-11-2024 to 08-11-2024

Presented by :

SK.Rafi.

,Assistant Professor

Aditya Pharmacy College

Co-Ordinated by:

L.Parinaya Sri

T.Sri Sowkhya

Kotta Jakraih

Venue:

Seminar Hall,

Aditya Pharmacy College

Last date for registration : 28-10-2024

Free for registration

Course Schedule

Day	Topics/ training
Day 1	Fundamentals of Receptor Pharmacology
Day 2	Allosteric Modulators – Concepts and Classifications
Day 3	Biased Ligands – Functional Selectivity in Drug Discovery
Day 4	Molecular Applications and Virtual Simulation
Day 5	Translational Significance and Career Insights

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Entries will be limited and taken on first come first service basis

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

(Affiliated to JNTUK, Approved by AICTE)
(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, EGO VR 9866576663, 08852-200005)
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

PROPOSAL LETTER

Dt: 09-10-2023

To,
The Principal,
Aditya Pharmacy College,
Surampalem

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on **"Allosteric Modulators and Biased Ligands"** - reg. It gives us great pleasure to bring to your kind notice that, Department of Pharmaceutical chemistry would like to train our students in the "**Allosteric Modulators and Biased Ligands**". We hope and assure this training programme will be more helpful to the students. In this regard we are requesting your permission for further proceedings.

Presented by: Mr.Sk.Rafi Assist. Prof,

Coordinated by: Mis.L.Parinaya Sri Assist. Prof
Mis.T.Sri Sowkhya Assist. Prof,
Mr.K.Jakraih

Course Coordinator

Principal

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

Date: 16.10.2024

CIRCULAR

This is inform to all the III B. Pharm students the Department of Pharmaceutical chemistry conducting a five day Add on program on **"Allosteric Modulators and Biased Ligands"** from 04-11-2024 to 08-11-2024. Hence all the Students should participate in this program without fail. Students can register for the course on or before **23-10-2024**

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
Approved by PCI, New Delhi : Accredited by NAAC "A" Grade
Permanently Affiliated to JNTUK, Kakinada
Ph: 98663 70663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA

REGISTRATION FORM

NAME	MATTA VENKATA BHAVANI PRASAD
Roll No.	223G1R0061
Course (B.Pharm/Pharma D)	B.Pharm
Year	3rd year
Registration for	Allosteric Modulatory and Biased ligands
Duration	30 hrs

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

Declaration: *I am willing to participate in the training program.* M.V.B. Prasad

ADITYA PHARMACY COLLEGE

Course Title: "Allosteric Modulators and Biased Ligands"

Course Period:04-11-2024 to 08-11-2024

List of students enrolled

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	223G1R0061	MATTA VENKATA BHAVANI PRASAD	B.Pharm	III	M.V.B.Prasad.
2	223G1R0062	MEDAPATI ABHINAYA SAI	B.Pharm	III	M.Abhinaya sai
3	223G1R0063	MEDIDI VIJAYALAKSHMI	B.Pharm	III	M.Vijayalakshmi
4	223G1R0064	MHISHI KELLY RUTENDO	B.Pharm	III	Kelly
5	223G1R0066	MUTAPE CHANTELLE L	B.Pharm	III	Chantelle
6	223G1R0067	MUZANEMBI PRIDE TAKUDZWA	B.Pharm	III	[illegible]
7	223G1R0068	NADADHURU SRI SUSMITHA	B.Pharm	III	N.SUSMITHA
8	223G1R0069	NAGIREDDY GAYATRI SATYA DEVI	B.Pharm	III	N. Gayatri
9	223G1R0070	CHANDANA	B.Pharm	III	chandana
10	223G1R0071	NANDIPATI BHAVYASRI	B.Pharm	III	N. Bhavyasri
11	223G1R0072	NDACHENGEDZWA SUHAILAH FAITH	B.Pharm	III	Faith
12	223G1R0073	NHIRA ASHLEY NATSAI	B.Pharm	III	Ashley
13	223G1R0074	NISHA KUMARI	B.Pharm	III	Nisha Kumari
14	223G1R0075	NUNNA ISWARYA	B.Pharm	III	I Suaorya
15	223G1R0076	OM MUKHERJEE	B.Pharm	III	Mukherjee
16	223G1R0077	PABITRA JANA	B.Pharm	III	Pabitha Jana
17	223G1R0078	PALADUGULA LAKSHMI BHAVISHYA	B.Pharm	III	P.L.Bhavya
18	223G1R0079	PANDI YASWANTH KUMAR	B.Pharm	III	[illegible]
19	223G1R0080	PEELA DINESH	B.Pharm	III	P.Dinesh.
20	223G1R0081	PERUMALLA ADI LAKSHMI DURGA	B.Pharm	III	P.Adilakshmidurga
21	223G1R0083	POLEPALLI VEERA MADHURI	B.Pharm	III	P.V. Madhuri
22	223G1R0084	PRATIM MAHAKUL	B.Pharm	III	mahakul.
23	223G1R0085	PRATYUSH KUMAR	B.Pharm	III	P. Kumar
24	223G1R0086	PUTHIKA PRIYA JASMIN	B.Pharm	III	P.Priya Jasmin.
25	223G1R0087	RAJANA SARAYU PALLAVI	B.Pharm	III	R. Sarayu Pallavi
26	223G1R0088	RAMANUJAM PAVANI	B.Pharm	III	R.pavani
27	223G1R0089	RAMOJU MARYCHANDINI	B.Pharm	III	R. Marychandini
28	223G1R0090	REHAN FAZAL	B.Pharm	III	R. Fazal
29	223G1R0092	SABBELLA SATWIKA REDDY	B.Pharm	III	S.Satwika Reddy
30	223G1R0093	SADHANALA SATYA PADMAJA	B.Pharm	III	S. Satya
31	223G1R0094	SADHU RAKESH KUMAR	B.Pharm	III	Rakesh
32	223G1R0095	SANNAPU AKHILA	B.Pharm	III	Akhila.
33	223G1R0096	SARAKULA KEERTHI	B.Pharm	III	Keerthi
34	223G1R0098	SAVARA PRAVEEN KUMAR	B.Pharm	III	Praveen
35	223G1R0099	SAYYAD RAHIMUNNISA	B.Pharm	III	Rahimunnisa
36	223G1R00A0	SHAHZADA AFAQ	B.Pharm	III	Shahzada Afaq

ADITYA PHARMACY COLLEGE, SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE

Course Title: "Allosteric Modulators and Biased Ligands"

Course Period:04-11-2024 to 08-11-2024

List of students enrolled

37	223G1R00A1	SHAIK AYESHA	B.Pharm	III	Shaik Ayesha
38	223G1R00A2	SHAIK HUSUNA	B.Pharm	III	SHAIK HUSUNA
39	223G1R00A3	SHAIK MUNNAPH	B.Pharm	III	Shaik Munnaph
40	223G1R00A4	SOUMAJIT BERA	B.Pharm	III	Soumajit Bera
41	223G1R00A5	SOUMIK JANA	B.Pharm	III	S. Jana.
42	223G1R00A6	SRI SUSRITHA DUNNA	B.Pharm	III	S Dunna
43	223G1R00A7	SUBHASIS GHOSH	B.Pharm	III	S. Ghosh
44	223G1R00A8	TEKI SWATHI REVATHI NAGA LAKSHMI	B.Pharm	III	T. Lakshmi
45	223G1R00A9	TELAGAREDDI SRIVALLI	B.Pharm	III	T. Srivalli
46	223G1R00B0	TELLAM VARSHINI	B.Pharm	III	T. Varshini
47	223G1R00B2	VARRI AMBICA TARUNI	B.Pharm	III	V Ambica Taruni
48	223G1R00B3	VENNAPU BLESSYSRI	B.Pharm	III	V. Blessysri
49	223G1R00B4	YARRA PALLAVI	B.Pharm	III	Y. Pallavi
50	223G1R00B5	YEGI SIRISHA	B.Pharm	III	Y. Sirisha
51	223G1R00B6	YERRAMSETTI GOWTHAM SAI KUMAR	B.pharm	III	Y. Gowtham
52	227H1R0015	DURGASI SIREESHA	B.pharm	III	D. Sireesha
53	233G5R0001	CHELLE AMRUTHA HEPSIBABAI	B.pharm	III	Ch Amrutha hepsibabai
54	233G5R0002	KANAKALA SRIDEVI	B.pharm	III	K. Sridevi
55	233G5R0003	KARRI GEETHA DEEPIKA	B.pharm	III	K. Geetha Deepika
56	233G5R0004	PATTAN AHAMMADUNNISA	B.pharm	III	P. Ahammadunnisa
57	233G5R0005	TANAKALA SAMPATH	B.pharm	III	T. Sampath

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy Coll.
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: "Allosteric Modulators and Biased Ligands"

Course Period: 04-11-2024 to 08-11-2024

Attendance Sheet

S.No.	Roll No.	Name of the Student	04.11.24		05.11.24		06.11.24		07.11.24		08.11.24	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	223G1R0061	MATTA VENKATA BHAVANI PRASAD	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP	M.V.BP
2	223G1R0062	MEDAPATI ABHINAYA SAI	MABS	MABS	MABS	MABS	MABS	MABS	MABS	MABS	MABS	MABS
3	223G1R0063	MEDIDI VIJAYALAKSHMI	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi	M.Vi
4	223G1R0064	MHISHI KELLY RUTENDO	Kelly	Kelly	Kelly	Kelly	Kelly	Kelly	Kelly	Kelly	Kelly	Kelly
5	223G1R0066	MUTAPE CHANTELLE L	Cha	Cha	Cha	Cha	Cha	Cha	Cha	Cha	Cha	Cha
6	223G1R0067	MUZANEMBI PRIDE TAKUDZWA	Pride	Pride	Pride	Pride	Pride	Pride	Pride	Pride	Pride	Pride
7	223G1R0068	NADADHURU SRI SUSMITHA	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri	Sri
8	223G1R0069	NAGIREDDY GAYATRI SATYA DEVI	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
9	223G1R0070	NALLAMILLI HARIKA SATYA SRI CHANDANA	chand	chand	chand	chandana	chandana	chand	chandana	chandana	chandana	chandana
10	223G1R0071	NANDIPATI BHAVYASRI	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS
11	223G1R0072	NDACHENGEDZWA SUHAILAH FAITH	Faith	Faith	Faith	Faith	Faith	Faith	Faith	Faith	Faith	Faith
12	223G1R0073	NHIRA ASHLEY NATSAI	Ashley	Ashley	Ashley	Ashley	Ashley	Ashley	Ashley	Ashley	Ashley	Ashley
13	223G1R0074	NISHA KUMARI	NK	NK	NK	NK	NK	NK	NK	NK	NK	NK
14	223G1R0075	NUNNA ISWARYA	Swarya	Swarya	Swarya	Swarya	Swarya	Swarya	Swarya	Swarya	Swarya	Swarya
15	223G1R0076	OM MUKHERJEE	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee	Mukherjee
16	223G1R0077	PABITRA JANA	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana	P.Jana
17	223G1R0078	PALADUGULA LAKSHMI BHAVISHYA	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi	PL.Bhavi
18	223G1R0079	PANDI YASWANTH KUMAR	PY	PY	PY	PY	PY	PY	PY	PY	PY	PY
19	223G1R0080	PEELA DINESH	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh	P.Dinesh
20	223G1R0081	PERUMALLA ADI LAKSHMI DURGA	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD	P.ALD
21	223G1R0083	POLEPALLI VEERA MADHURI	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri	P.V.Madhuri
22	223G1R0084	PRATIM MAHAKUL	P.M	P.M	P.M	P.M	P.M	P.M	P.M	P.M	P.M	P.M
23	223G1R0085	PRATYUSH KUMAR	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
24	223G1R0086	PUTHIKA PRIYA JASMIN	P.J	P.J	P.J	P.J	P.J	P.J	P.J	P.J	P.J	P.J
25	223G1R0087	RAJANA SARAYU PALLAVI	RP	RP	RP	RP	RP	RP	RP	RP	RP	RP
26	223G1R0088	RAMANUJAM PAVANI	R.P	R.P	R.P	R.P	R.P	R.P	R.P	R.P	R.P	R.P
27	223G1R0089	RAMOJU MARYCHANDINI	MC	MC	MC	MC	MC	MC	MC	MC	MC	MC
28	223G1R0090	REHAN FAZAL	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
29	223G1R0092	SABBELLA SATWIKA REDDY	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR
30	223G1R0093	SADHANALA SATYA PADMAJA	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
31	223G1R0094	SADHU RAKESH KUMAR	RK	RK	RK	RK	RK	RK	RK	RK	RK	RK
32	223G1R0095	SANNAPU AKHILA	Akhila	Akhila	Akhila	Akhila	Akhila	Akhila	Akhila	Akhila	Akhila	Akhila
33	223G1R0096	SARAKULA KEERTHI	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
34	223G1R0098	SAVARA PRAVEEN KUMAR	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
35	223G1R0099	SAYYAD RAHIMUNNISA	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa	Rahmunnisa
36	223G1R00A0	SHAHZADA AFAQ	Afaq	Afaq	Afaq	Afaq	Afaq	Afaq	Afaq	Afaq	Afaq	Afaq
37	223G1R00A1	SHAIK AYESHA	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha
38	223G1R00A2	SHAIK HUSUNA	Husuna	Husuna	Husuna	Husuna	Husuna	Husuna	Husuna	Husuna	Husuna	Husuna
39	223G1R00A3	SHAIK MUNNAPH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	223G1R00A4	SOUMAJIT BERA	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
41	223G1R00A5	SOUMIK JANA	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana	S.Jana
42	223G1R00A6	SRI SUSRITHA DUNNA	SD	SD	SD	SD	SD	SD	SD	SD	SD	SD
43	223G1R00A7	SUBHASIS GHOSH	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh	Ghosh
44	223G1R00A8	TEKI SWATHI REVATHI NAGA LAKSHMI	T.L	T.L	T.L	T.L	T.L	T.L	T.L	T.L	T.L	T.L
45	223G1R00A9	TELAGAREDDI SRIVALLI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46	223G1R00B0	TELLAM VARSHINI	T.B	T.B	T.B	T.B	T.B	T.B	T.B	T.B	T.B	T.B
47	223G1R00B2	VARRI AMBICA TARUNI	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun	V.Tarun
48	223G1R00B3	VENNAPU BLESSYSRI	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy	V.Blessy
49	223G1R00B4	YARRA PALLAVI	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi	Y.Pallavi
50	223G1R00B5	YEGI SIRISHA	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha	Y.Sirisha
51	223G1R00B6	YERRAMSETTI GOWTHAM SAI KUMAR	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham	Y.Gowtham
52	227H1R0015	DURGASI SIREESHA	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S	D.S
53	233G5R0001	CHELLE AMRUTHA HEPSIBABAI	HB	HB	HB	HB	HB	HB	HB	HB	HB	HB
54	233G5R0002	KANAKALA SRIDEVI	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi	K.Sridevi
55	233G5R0003	KARRI GEETHA DEEPIKA	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d	K.g.d
56	233G5R0004	PATTAN AHAMMADUNNISA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	233G5R0005	TANAKALA SAMPATH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE

Course Title: "Allosteric Modulators and Biased Ligands"

Course Period: 04-11-2024 to 08-11-2024

Certificate Issued List

S.No.	Roll No.	Name of the Student	Signature
1	223G1R0061	MATTA VENKATA BHAVANI PRASAD	M.V. B.prasad.
2	223G1R0062	MEDAPATI ABHINAYA SAI	M.Abhinayasai
3	223G1R0063	MEDIDI VIJAYALAKSHMI	M.vijayalakshmi
4	223G1R0064	MHISHI KELLY RUTENDO	Kelly
5	223G1R0066	MUTAPE CHANTELLE L	Chantelle
6	223G1R0067	MUZANEMBI PRIDE TAKUDZWA	[illegible]
7	223G1R0068	NADADHURU SRI SUSMITHA	N. SUSMITHA
8	223G1R0069	NAGIREDDY GAYATRI SATYA DEVI	N. Gayatri
9	223G1R0070	NALLAMILLI HARIKA SATYA SRI CHANDANA	chandana
10	223G1R0071	NANDIPATI BHAVYASRI	N. Bhavya sri
11	223G1R0072	NDACHENGEDZWA SUHAILAH FAITH	Faith
12	223G1R0073	NHIRA ASHLEY NATSAI	Ashley
13	223G1R0074	NISHA KUMARI	Nishakumari
14	223G1R0075	NUNNA ISWARYA	Nunna iswarya
15	223G1R0076	OM MUKHERJEE	Om. Mukherjee.
16	223G1R0077	PABITRA JANA	Pabitra jana.
17	223G1R0078	PALADUGULA LAKSHMI BHAVISHYA	P. Bhavishya.
18	223G1R0079	PANDI YASWANTH KUMAR	PY
19	223G1R0080	PEELA DINESH	P. Dinesh.
20	223G1R0081	PERUMALLA ADI LAKSHMI DURGA	P. Adilakshmidurga
21	223G1R0083	POLEPALLI VEERA MADHURI	P.V. Madhuri
22	223G1R0084	PRATIM MAHAKUL	P. Mahakul.
23	223G1R0085	PRATYUSH KUMAR	P. Kumar.
24	223G1R0086	PUTHIKA PRIYA JASMIN	P. Priyajasmin
25	223G1R0087	RAJANA SARAYU PALLAVI	R. Sarayu pallavi
26	223G1R0088	RAMANUJAM PAVANI	R. pavani
27	223G1R0089	RAMOJU MARYCHANDINI	R. marychandini
28	223G1R0090	REHAN FAZAL	R. Fazal
29	223G1R0092	SABBELLA SATWIKA REDDY	S. Satwika Reddy.
30	223G1R0093	SADHANALA SATYA PADMAJA	S. Satya
31	223G1R0094	SADHU RAKESH KUMAR	Rakesh.
32	223G1R0095	SANNAPU AKHILA	Akhila.
33	223G1R0096	SARAKULA KEERTHI	S. Keerthi
34	223G1R0098	SAVARA PRAVEEN KUMAR	Praveen

ADITYA PHARMACY COLLEGE Sri Rampuram 533 437

PRINCIPAL Aditya Pharmacy College Sri Rampuram 533 437

ADITYA PHARMACY COLLEGE

Course Title: "Allosteric Modulators and Biased Ligands"

Course Period: 04-11-2024 to 08-11-2024

Certificate Issued List

35	223G1R0099	SAYYAD RAHIMUNNISA	Rahimunnisa
36	223G1R00A0	SHAHZADA AFAQ	shahazada afaq.
37	223G1R00A1	SHAIK AYESHA	Shaik Ayesha
38	223G1R00A2	SHAIK HUSUNA	SHAIK HUSUNA
39	223G1R00A3	SHAIK MUNNAPH	Shaik Munnaph
40	223G1R00A4	SOUMAJIT BERA	Soumajit Bera
41	223G1R00A5	SOUMIK JANA	S. Jana.
42	223G1R00A6	SRI SUSRITHA DUNNA	S Dunna
43	223G1R00A7	SUBHASIS GHOSH	S Ghosh.
44	223G1R00A8	TEKI SWATHI REVATHI NAGA LAKSHMI	T. Lakshmi
45	223G1R00A9	TELAGAREDDI SRIVALLI	T. Srivalli
46	223G1R00B0	TELLAM VARSHINI	T. Varshini.
47	223G1R00B2	VARRI AMBICA TARUNI	V. Ambica Tarani
48	223G1R00B3	VENNAPU BLESSYSRI	V. Blessysri.
49	223G1R00B4	YARRA PALLAVI	Y. Pallavi
50	223G1R00B5	YEGI SIRISHA	Y. Sirisha
51	223G1R00B6	YERRAMSETTI GOWTHAM SAI KUMAR	Y. Gowtham
52	227H1R0015	DURGASI SIREESHA	D Sireesha
53	233G5R0001	CHELLE AMRUTHA HEPSIBABAI	Ch. Amrutha hepsibabai
54	233G5R0002	KANAKALA SRIDEVI	K. Sridevi
55	233G5R0003	KARRI GEETHA DEEPIKA	K. Geetha Deepika
56	233G5R0004	PATTAN AHAMMADUNNISA	P. Ahammadunnisa
57	233G5R0005	TANAKALA SAMPATH	T. Sampath

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy Coll.
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE

(Affiliated to JNTUK, Approved by AICTE)
(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, EGO VR 9866576663, 08852-200005)
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

ACADEMIC YEAR: 2024-25
COURSE SYLLUBUS
COURSE NAME: "Allosteric Modulators and Biased Ligands"

COURSE OBJECTIVE: **(30 HRS)**

- Understand the structural and functional differences between orthosteric and allosteric binding.
- Learn how receptor signaling bias influences pharmacological response.
- Explore real-world drug examples employing allosteric modulation and biased signaling.
- Gain skills in applying these concepts to rational drug design and therapeutic innovation.

Day I: 04-11-2024

Module I:

- Ligand types: agonist, antagonist, inverse agonist
- Signal transduction pathways (GPCRs, RTKs, ion channels)
- Orthosteric vs allosteric binding

Day 2: 05-11-2024

Module II:

- Allosteric site concept
- Positive and negative modulators
- Neutral ligands and their role
- Cooperativity and therapeutic ceiling

Day 3: 06-11-24

Module III:

- Biased signaling in GPCRs
- G protein vs β-arrestin pathway
- Biased agonists vs traditional agonists
- Clinical implications

Day 4: 07-11-2024

Module IV:

- Molecular docking basics
- Visualization of orthosteric and allosteric binding
- Introduction to tools: AutoDock, PyMOL, Discovery Studio
- Interpreting docking scores and RMSD values

Day 5: 08-11-24

Module V:

- FDA and EMA-approved allosteric and biased drugs
- Drug pipeline examples (CNS, cardiovascular, metabolic diseases)
- Regulatory and ethical considerations
- Career options: Clinical pharmacology, drug discovery, regulatory affairs

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

REFERENCE:

1. https://www.pharmacareers.in/receptor-theories-and-classification-of-receptors-regulation-of-receptors/
2. https://www.chemistryjournals.net/archives/2022/vol4issue2/PartF/6-2-9-286.pdf
3. https://www.click2drug.org/
4. https://www.rsc.org/images/David-Hall_tcm18-243490.pdf

Course Outcomes:

- Understand receptor pharmacology beyond traditional agonist-antagonist models.
- Gain insight into how modern therapeutics exploit these mechanisms.
- Be able to interpret current research trends and drug development strategies involving allosteric and biased ligands.

Course Coordinator **Principal**

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
SURAMPALEM
533 437

283G1R0061

ADITYA PHARMACY COLLEGE

Training Program on

Allosteric Modulators and Biased Ligand

9/10

Duration of the Course: 04/11/2024 TO 08/11/2024

Date: 08.11.2024 **Max.Marks:**10 **Max Time:** 30mins

Select The Correct Answer for the Following.

1. What is the primary site where allosteric modulators bind on a receptor? [D]
A. Orthosteric site
B. Ion channel pore
C. G-protein binding site
D. Allosteric site

2. Which of the following best describes a positive allosteric modulator (PAM)? [C]
A. Decreases the affinity of the agonist
B. Binds at the same site as the endogenous ligand
C. Enhances the effect of the endogenous ligand
D. Completely blocks receptor activation

3. A biased ligand is characterized by: [C]
A. Activating only one type of receptor subtype
B. Preferring orthosteric binding over allosteric binding
C. Selectively triggering one signaling pathway over another
D. Blocking all possible signaling pathways

4. Which of the following is a potential advantage of using biased ligands in drug development? [C]
A. Lower bioavailability
B. Activation of multiple signaling pathways
C. Reduced side effects
D. Higher receptor internalization

5. What does a negative allosteric modulator (NAM) do? [C]
A. Enhances ligand binding and response
B. Has no effect on receptor activity
C. Inhibits the effect of the endogenous ligand
D. Permanently activates the receptor

6. Which signaling component is commonly used to assess biased agonism? [B]
A. Calcium channel activation
B. G-protein versus β-arrestin pathway activation
C. Enzyme-linked immunosorbent assay (ELISA)
D. Glucose transporter activity

7. Which statement is true about allosteric modulators? [D]
A. They always compete with the endogenous ligand
B. They can only inhibit receptor activity
C. They bind reversibly to the orthosteric site
D. They may increase or decrease the receptor response

8. An allosteric modulator that does not affect the receptor activity alone but modifies the effect of another ligand is known as: [C]
A. Biased ligand
B. Inverse agonist

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM FOR COURSE

"Allosteric Modulators and Biased Ligands"

Date: 04-11-24 to 08-11-2024

Venue: Pharmaceutical chemistry Lab, Aditya Pharmacy College

61

Excellent → 4, Very Good → 3, Good → 2, Average → 1

	04-11-2024	05-11-2024	06-11-2024	07-11-2024	08-11-2024
Overall feedback on the course	4	4	4	4	4
Overall feedback on the trainer	3	4	3	4	3
How well was the training structured	4	3	3	4	4
How easy was it to understand he content	3	3	4	4	4
How effectively did the trainer manage the group	[illegible]	4	3	3	4
How clear were the trainer's presentation skills	3	4	3	3	4
Did the training meet your personal expectations	4	4	4	3	3

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
- Approved by PCI, New Delhi - Accredited by NAAC "A"Grade
- Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

A REPORT ON

Five days add-on- program on: **"Allosteric Modulators and Biased Ligands"**

Course Period: 04-11-2024 to 08-11-2024

Venue: Aditya Pharmacy College

ADD-ON- PROGRAM OVERVIEW:

The main objective of this five days add-on- program was to give insights on **"Allosteric Modulators and Biased Ligand"**

Title: A five days training add-on- program on **"Allosteric Modulators and Biased Ligand"**
Schedule of Add-on- program: Date: 04-11-2024 to 08-11-2024
Course Duration: 5 days (30 hours)

Timing: 09:30A.M to 04:00 P.M

Course Period: 04-11-2024 to 08-11-2024

Target Audience: Students from III B. Pharm sec-B

No of Students Attended: 57

Department of Pharmaceutical Chemistry conducted a Five days add-on-program on "Allosteric Modulators and Biased Ligand"

Mr.Shaik.Rafi **M.Pharm, Aditya Pharmacy College** conducted the entire programme with the assistance, coordination and in association with Mis.L.Parinayasri Assist. Prof, Mis. T.Sri sowkya Assist. Prof, and Mr.K.Jakraih Assist. Prof, Schedule for the programme and Power Point Presentation was sent to all the faculty members and students. In this program 46 Students were participated.

The speakers delivered the power point presentation on **"Allosteric Modulators and Biased Ligand"** and the participants were given the feedback form.

Course coordinator

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE

ADITYA NAGAR, ADB ROAD, SURAMPALEM, ANDHRA PRADESH

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

CERTIFICATE OF PARTICIPATION

This is to certify that

MATTA VENKATA BHAVANI PRASAD

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program **2024** on

"ALLOSTERIC MODULATORS & BIASED LIGAND"

organized by *ADITYA PHARMACY COLLEGE* on **04 - 08th NOVEMBER, 2024.**

His / Her Participation is highly appreciated

N. Satish Reddy

Dr. N. Satish Reddy
Vice-chairman

Dr. D. Sathis Kumar
principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Approved by AICTE & PCI - NEW DELHI, Affiliated to JNTU KAKINADA
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

Course schedule

Day 1 : 14-10-2024
Introduction to Ethnopharmacology: Foundations, Documentation Methods, and Ethical Practices

Day 2: 15-10-2024
Traditional Medicine Systems: From East to West - Exploring Chinese, Ayurvedic, and Unani Therapeutic Traditions

Day 3: 16-10-2024
Indigenous Medicine Systems Across Continents: American, African, and Australian Aboriginal Healing Traditions

Day 4 : 17-10-2024
Phytochemical Exploration: From Traditional Plants to Modern Pharmaceuticals - Discovery, Analysis, and Development

Day 5 : 18-10-2024
Evidence-Based Traditional Medicine: From Clinical Validation to Integrative Healthcare Models and Professional Certification

Last date for registration (Free) 10-10-2024

(Limited seats)

Ms. Gudipudi Tejaswi Asst. Prof

contact no: 986657663

Course title:
Ethnopharmacology and Traditional Medicine Systems

Course duration: 5 days

14-10-2024 to 18-10-2024

Presented by

Ms.R.Sandhya M.Pharm
Asst.Professor

Coordinated by

Ms. Gudipudi Tejaswi Asst. Prof

Venue:
Aditya Pharmacy College
APC Seminar hall

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
Approved by AICTE & PCI – NEW DELHI, Affiliated to JNTU KAKINADA
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

ADITYA PHARMACY COLLEGE

(Affiliated to JNUK, Approved by AICTE)

(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533437.EGO VR 9866576663, 08852-200005)

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

PROPOSAL LETTER

To
The Principal
Aditya Pharmacy College

SUB: Request for approval of five -daysvalue added course titled " Ethnopharmacology and Traditional Medicine Systems"

Respected Sir,

I am writing to propose a specialized 5-day add-on course titled "Ethnopharmacology and Traditional Medicine Systems" which will be conducted from 14-10-2024 to 18-10-2024 to enhance our current academic offerings. This course addresses the growing global interest in traditional medicine, which serves as the primary healthcare system for approximately 80% of the world's population and has contributed to roughly 25% of modern pharmaceuticals. Despite this significance, our curriculum currently offers limited exposure to these knowledge systems.

The proposed course will equip students with valuable cross-cultural competencies in diverse medical traditions from Asia, the Americas, Africa, and Australia. It covers essential aspects including ethnobotanical documentation methods, ethical frameworks for working with traditional knowledge, scientific validation approaches, and sustainable practices. These skills are increasingly valued in pharmaceutical research, conservation efforts, and integrative healthcare settings, providing our students with a competitive advantage in their future careers.

The program consists of carefully structured morning and afternoon sessions spanning six days, covering foundations of ethnopharmacology, major traditional medicine systems, indigenous knowledge, laboratory techniques, clinical applications, and future directions. With minimal resource requirements and a practical assessment approach, this course represents a timely addition that will distinguish our institution as forward-thinking in bridging traditional knowledge with modern scientific approaches.

Thanking You Sir

Resource Person: R.Sandhya, Assistant Professor,
GIET School of Pharmacy

Coordinated by: Ms.Gudipudi Tejaswi , Assistant Professor

Course Coordinator

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533

ADITYA
PHARMACY COLLEGE
Approved by AICTE & PCI - NEW DELHI, Affiliated to JNTU KAKINADA
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

CIRCULAR

Ref: APC/AddOn/2024-25/42
Date: 04-10-2024

ADD-ON COURSE ON ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINE

Dear Students,

We are pleased to announce a specialized Add-on Course on **Ethnopharmacology and Traditional Medicine** being offered by the Department of Pharmacognosy, Aditya Pharmacy College.

Course Details:

Duration: 5 days (October 14-18, 2024)

Timing: 10:00 AM to 5:00 PM

Venue: Seminar Hall, Aditya Pharmacy College

Registration Fee: FREE

Seats Available: 50 (First come, first served basis)

Course Highlights & Learning Outcomes:

Participants will develop a comprehensive understanding of traditional medicine systems and their potential applications in modern pharmaceutical research and development. This course will enhance your knowledge about natural product-based drug discovery and provide valuable insights into the integration of traditional knowledge with modern scientific approaches.

Certificate:

A certificate of completion will be awarded to participants who attend all sessions and successfully complete the assessment.

Registration Process:

1. Fill the registration form available at the Academic Office
2. Submit the completed form to the Academic Office
3. Last date for registration: October 10, 2024

For further details, please contact:

- MS. Gudipudi Tejaswi, Course Coordinator (Ph: 8919892012)
- Mrs. S. Padma, Department Assistant (Ph: 8978061166)

We encourage all students interested in natural products and traditional medicine to take advantage of this unique opportunity to expand your knowledge and skills in this emerging field of pharmaceutical sciences.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Dr. D. Sathis Kumar
Principal
Aditya Pharmacy College

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

Note: This course can be credited toward your continuous professional development requirements.

ADITYA PHARMACY COLLEGE

Approved by AICTE & PCI – NEW DELHI, Affiliated to JNTU KAKINADA

(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)

Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

REGISTRATION FORM

NAME	M.Lova Bhuvaneswari
Roll No.	233G1R0057
Course (B.Pharm/M.Pharm/Pharma D)	II/IV B.Pharm
Year	2024-2025
Registration for	Ethanopharmacology (or) tradition medicine system
Duration	14.10.2024 to 18.10.2024

Declaration: *I am willing to participate in the training program.*

Student Signature:

ADITYA PHARMACY COLLEGE SURAMPALEM 533 433

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 433

ADITYA PHARMACY COLLEGE (A)
Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

LIST OF STUDENTS ENROLLED FOR A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED "ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINE SYSTEMS"

Course Duration: 14th to 18th October 2024

ACADEMIC YEAR 2024-2025

S. No.	Student Name	Reg. No.	Year of Study	Email ID	Signature
1	M. Lovi Bhuvaneswari	233G1R0057	II/IV B.pharm	Bhuvaneswariramana@gmail.com	Bhu
2	M. Jnana prasanna	233G1R0058	II/IV B.pharm	Mani.prasanna46@gmail.com	M. J. prasanna
3	Allan A. Moyo	233G1R0059	II/IV B. Pharm	Allanadrianmoyo@gmail.com	Allan
4	M. Jyothsna	233G1R0060	II/IV B pharm	Manuru jothsna@gmail.com	M. Jyothsna
5	Muskan Banjare	233G1R0061	II/IV B pharm	banjaremuskan@660gmail.com	Muskan.
6	Hemmish Mupinbocker	233G1R0062	II/IV B Pharm	drhemmish@gmail.com	[illegible]
7	N. Varalakshmi	233G1R0063	II/IV B pharm	nvaralakshmi456@gmail.com	N. Vlakshmi
8	N. Kusuma devi	233G1R0064	II/IV B Pharm	N.kusumadevi246@gmail.com	N. Kusuma
9	P. Poojitha	233G1R0065	II/IV B Pharm	Pailapoojitha54@gmail.com	P. Poojitha.
10	P.N.S.V. Vasanta	233G1R0066	II/IV B Pharm	pnsvvasanta05@gmail.com	P.N.S.V. Vasanta
11	P. Vyshnavi	233G1R0068	II/IV B.Pharm	Pvyshnavipenagantiz004@gmail.com	P. Vyshnavi
12	P. Sri Maha lakshmi	233G1R0069	II/IV B.pharm	srimaha2005@gmail.com	P. Sri Mahalakshmi
13	P. Sujini	233G1R0070	II/IV B.Pharm	sujinipirla@gmail.com	P. Sujini
14	P. Hema	233G1R0071	II/IV B.Pharm	hemaszee2k6@gmail.com	P. Hema
15	P. Rani	233G1R0072	II/IV B.Pharm	pragnaveddyrani@gmail.com	P. Rani
16	Raushan Kumar Shah	233G1R0073	II/IV B.pharm	raushanraikumar8323@gmail.com	Raushan Kumar Shah
17	R. Pooja Shree	233G1R0074	II/IV B.Pharm	Rojashree9030@gmail.com	Pooja
18	R. Keerthana	233G1R0075	II/IV B.pharm	roulthukeerthana101@gmail.com	R. Keerthana
19	Rufana	233G1R0076	II/IV B. pharm	Rufana Ph39@gmail.com	Rufana.
20	Rupak Achaorya	233G1R0077	II/IV B.Pharm	biplabachaorya88@gmail.com	[illegible]
21	Samrat Dey	233G1R0078	II/IV B.pharm	SamratDey811@gmail.com	[illegible]
22	S. Prasanthi kumar	233G1R0079	II/IV B.pharm	Sanasanthi1@gmail.com	S. P. Kumari
23	Sanni Kumar	233G1R0080	II/IV B.Pharm	Sannikrishna2022@gmail.com	Sanni Kum
24	Santanu Mahapatra	233G1R0081	II/IV B.Pharm	Santanu6mahapatra@gmail.com	[illegible]
25	S. Mohana Sri harsha	233G1R0082	II/IV B.pharm	sarikamohanasriharsha@gmail.com	S. Mohana sri harsha
26	A. Sarah	233G1R0084	II/IV B. Pharm	MUFAROPURPOSE@gmail.com	[illegible]
27	Siddharth Narayan	233G1R0085	II/IV B.Pharm	Siddharth narayan@gmail.com	Siddharth Nar
28	S. Pravallika	233G1R0086	II/IV B.Pharm	Pravallikasingampalli@gmail.com	S. Pravallika
29	S. Khyathi Sree	233G1R0087	II/IV B.Pharm	Khyathisree@gmail.com	S. Khyathi

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

30					
S. No.	Student Name	Reg. No.	Year of Study	Email ID	Signature
31	S. Manjula	233G1R0088	II/II B.Pharm	manjulasirapurapu02@gmail.com	S. Manjula
32	S. Nanda	233G1R0091	II/II B.Pharm	nandasubhajit2005@gmail.com	S. Nanda
33	Soumyadip Bebartta	233G1R0090	II/II B.pharm	Soumyadipbebartta@gmail.com	[illegible]
34	Sumiti Dwibedi	233G1R0094	II/II B.Pharm	sumitidwibedi6@gmail.com	Sumiti Dwibedi
34	S. Barman	233G1R0092	II/II B.pharm	sudipbarman1814@g.com	S. Barman
36	Sumit Mal	233G1R0093	II/II B.Pharm	Sumit[illegible]721644@gmail.com	[illegible]
37	Sumiti Dwibedi	233G1R0094	II/II B.Pharm	sumitidwibedi@gmail.com	Sumiti Dwibedi
38	Swarnab Pradhan	233G1R0095	II/II B.Pharm	swarnabp46@gmail.com	Swarnab Pradhan
39	T. Jotsna	233G1R0096	II/II B.Pharm	jyothitanaraju@gmail.com	T. Jotsna
40	T. Yamini	233G1R0097	II/II B.Pharm	tarakuyaminisatyapriya@gmail.com	T. Yamini
41	Tiziira Karren	233G1R0098	II/II B.Pharm	tiziirakarren@gmail.com	[illegible]
42	Toton Pal	233G1R0099	II/II B.pharm	Paltoton403@gmail.com	T. Pal
43	V. Suvarna Lakshmi	233G1R00A1	II/II B.pharm	suvarnalakshmi906@gmail.com	V. Suvarnalakshmi
44	V. Yamini Ganga	233G1R00A2	II/II B.Pharm	Yaminiganga95@gmail.com	V. Yamini
45	V. Sanjana	233G1R00A3	II/II B.Pharm	Vemagiri.sanjana@gmail.com	V. Sanjana
46	V. Bala Thambi Raju	233G1R00A4	II/II B.pharm	Vemuthambi07@gmail.com	V.B.T. Raju
47	V. Shanmukhapriya	233G1R00A5	II/II B.pharm	Vshanmukhapriya09@gmail.com	V. [illegible]
48	P. Praveethi	233G1R00A7	II/II B.Pharm	Pothuraju[illegible]1@gmail.com	P. Praveethi
49					
50					

Date: 19-10-24

Instructions for Students

1. **Attendance:** A minimum of **75% attendance** is required to receive the course certificate.
2. **Evaluation:** A **final assessment** will be conducted at the end of the course, and certification will be based on performance.
3. **Discipline:** Students must maintain **Professional behaviour** and adhere to the guidelines set by the Institution.
4. **Communication:** All official announcements will be shared during sessions or via the designated Coordinator.
5. **Support:** For any queries, students may contact the **Course Coordinator** during working hours.

Course Coordinator

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437

NAAC ISO AUTONOMOUS

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

A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED
"ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINAL SYSTEMS"

Course Duration: 14th to 18th October 2024

ACADEMIC YEAR 2024-2025

SIGN-IN SHEET FOR ATTENDANCE (FORENOON AND AFTERNOON SESSIONS)

S. No.	Student Name	Reg. No.	14-10-2024 (FN)	14-10-2024 (AN)	15-10-2024 (FN)	15-10-2024 (AN)	16-10-2024 (FN)	16-10-2024 (AN)	17-10-2024 (FN)	17-10-2024 (AN)	18-10-2024 (FN)	18-10-2024 (AN)
1	M. Lova Bhuvaneswari	233G1R0057	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh	Bh
2	M. Jnana prasanna	233G1R0058	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna	M.J.prasanna
3	Allan A. Moyo	233G1R0059	Allan	Allan	Allan	Allan	Allan	Allan	Allan	Allan	Allan	Allan
4	M. Jyothsna	233G1R0060	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna	M.Jyothsna
5	Muskan Banjare	233G1R0061	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan
6	Hemnish Mukesh Kelwani	233G1R0062	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	N. Varalakshmi	233G1R0063	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi	lakshmi
8	M. Kusumadevi	233G1R0064	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma	Kusuma
9	P. Poojitha	233G1R0065	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha	P. Poojitha
10	P. N. S. V. Vasanta	233G1R0066	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta	P.Vasanta
11	P. Vyshnavi	233G1R0068	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi	P.Vyshnavi
12	P. S. Mahalakshmi	233G1R0069	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi	P.S.Mahalakshmi
13	P. Sujini	233G1R0070	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini	P.Sujini
14	P. Hema	233G1R0071	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema	P.Hema
15	P. Rani	233G1R0072	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani	P.Rani
16	Rauthan Kumar Shah	233G1R0073	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan	Rauthan
17	R. Pooja Shree	233G1R0074	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
18	R. Keerthana	233G1R0075	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana	R.Keerthana
19	Rufana	233G1R0076	Rufana	Rufana	Rufana	Rufana	Rufana	Rufana	Rufana	Rufana	Rufana	Rufana
20	Rupak Acharya	233G1R0077	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.	Rupak A.
21	Samrat Dey	233G1R0078	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	S. Prasanthi Kumari	233G1R0079	Spk	Spk	Spk	Spk	Spk	Spk	Spk	Spk	Spk	Spk
23	Sanni Kumari	233G1R0080	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

S. No.	Student Name	Reg. No.	14-10-2024 (FN)	14-10-2024 (AN)	15-10-2024 (FN)	15-10-2024 (AN)	16-10-2024 (FN)	16-10-2024 (AN)	17-10-2024 (FN)	17-10-2024 (AN)	18-10-2024 (FN)	18-10-2024 (AN)
24	Santanu Mahapatra	23361R0081										
25	S. Mohana Sri harsha	23361R0082	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha	S. Mohana sri harsha
26	A. Scotch	23361R0084	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch	A-Scotch
27	Siddhanth Narayan	23361R0085	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan	S. Narayan
28	S. Pravallika	23361R0086	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika	S. Pravallika
29	S. Khyathi Sree	23361R0087	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi	S. Khyathi
30	S. Manjula	23361R0088	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula	S. D. manjula
31	Soumyadip Behara	23361R0092										
32	Subhajit Nanda	23361R0091	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda	S. Nanda
33	Sudip Barman	23361R0092	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman	S. Barman
34	Samit Mal	23361R0093	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal	S. Mal
34	Swarnab Dwibedi	23361R0094	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi	S. Dwibedi
36	Swarnab Pradhan	23361R0095	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan	S. Pradhan
37	T. Jotsna	23361R0096	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna	T. Jotsna
38	T. Yamini	23361R0097	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini	T. Yamini
39	Tizira Karren	23361R0098										
40	Totan Pal	23361R0099	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal	T. Pal
41	V. Suvarnalakshmi	23361R0001	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal	V. Suvarnal
42	V. Yamini Ganga	23361R0002	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini	V. Yamini
43	V. Sanjana	23361R0003	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana
44	V. Thambi	23361R0004	V. B. Raj	V. B. Raj	V. Raj	V. Raj	V. Raj	V. Raj	V. Raj	V. Raj	V. Raj	V. Raj
45	V. Shanmukha	23361R0005	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha	V. Shanmukha
46	P. Preethi	23361R0007	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi	P. Preethi
46												
47												
48												
49												
50												

Course Coordinator

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)
Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
NAAC ISO AUTONOMOUS
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

CERTIFICATE ISSUANCE LIST FOR A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED "ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINE SYSTEMS"

Course Duration: 14th to 18th October 2024

ACADEMIC YEAR 2024-2025

S. No.	Student Name	Reg. No.	Certificate Number	Date of Issuance	Signature
1	M. Lova Bhuvaneswari	233G1R0057	APC-DPCG/2024-25/VAC/001	19/10/24	Bhuvan
2	M. Jhana prasanna	233G1R0058	APC-DPCG/2024-25/VAC/002	19/10/24	M. Jhanaprasanna
3	Allan A. Moyo	233G1R0059	APC.DPCG/2024-25/VAC/003	19/10/24	Allan
4	M. Jyothsna	233G1R0060	APC-DPCG/2024-25/VAC/004	19/10/24	M. Jyothsna
5	Muskan Banjara	233G1R0061	APC-DPCG/2024-25/VAC/005	19/10/24	Muskan.
6	Harnish Muccarlapaty	233G1R0062	APC-DPCG/2024-25/VAC/006	19/10/24	[illegible]
7	N. Varalakshmi	233G1R0063	APC-DPCG/2024-25/VAC/007	19-10-24.	N. Lakshmi
8	N. Kusuma devi	233G1R0064	APC-DPCG/2024-25/VAC/008	19-10-24	N. Kusuma
9	P. Poojitha	233G1R0065	APC-DPCG/2024-25/VAC/009	19-10-24	P. Poojitha
10	P.N.S.V. Vasanta	233G1R0066	APC-DPCG/2024-25/VAC/010	19-10-24	P.N.S.V. Vasanta
11	P. Vyshnavi	233G1R0068	APC-DPCG/2024-25/VAC/011	19/10/24	P. Vyshnavi
12	P. Sri Mahalakshmi	233G1R0069	APC-DPCG/2024-25/VAC/012	19/10/24	P. Sri Mahalakshmi
13	P. Sujini	233G1R0070	APC-DPCG/2024-25/VAC/013	19/10/24	P. Sujini
14	P. Hema	233G1R0071	APC-DPC4/2024-25/VAC014	19.10.2024	P. Hema
15	P. Rani	233G1R0072	APC-DPC4/2024-25/VAC015	19/10/2024	P. Rani
16	Raushan Kumar Shah	233G1R0073	APC-DPC4/2024-25/VAC016	19/10/2024	Raushan Kumar Shah
17	R. Roja Shree	233G1R0074	APC-DPC4/2024-25/VAC017	19/10/2024	Roja
18	R. Keerthana	233G1R0075	APC-DPC4/2024-25/VAC018	19/10/2024	R. Keerthana
19	Rufana	233G1R0076	APC-DPC4/2024-25/VAC019	19/10/2024	Rufana
20	Rupak Acharya	233G1R0077	APC-DPC4/2024-25/VAC020	19/10/2024	[illegible]
21	Samrat Dey	233G1R0078	APC-DPC4/2024-25/VAC021	19/10/2024	[illegible]
22	S. Prasanthi Kumari	233G1R0079	APC-DPC4/2024-25/VAC022	19/10/2024	S. Prasanthi
23	Sanni Kumar	233G1R0080	APC-DPCG/2024-25/VAC023	19/10/2024	Sanni Kumar
24	Santanu Mahapatra	233G1R0081	APC-DPCG/2024-25/VAC024	19/10/2024	[illegible]
25	S. Mohana sri harsha	233G1R0082	APC-DPCG/2024-25/VAC025	19/10/2024	S. Mohana sri harsha
26	A. Scotch	233G1R0084	APC-DPCG/2024/25/VAC	19/10/24	[illegible]
27	Siddharth Narayan	233G1R0085	APC-DPCG/2024-25/VAC027	19/10/24	S. Narayan
28	S. Pravallika	233G1R0086	APC-DPCG/[illegible]	19/10/24	S. Pravallika
29	S. Khyathi Sree	233G1R0087	APC-DPCG/2024-25/VAC[illegible]	19/10/24	S. Khyathi
30	S. Manjula.	233G1R0088	APC-DPCG/[illegible]	19/10/24	[illegible]

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

S. No.	Student Name	Reg. No.	Certificate Number	Date of Issuance	Signature
31	Soumyadip Bebartta	233G1R0090	APC-DPCG/2024-25/VAC032	19/10/24	
32	Subhajit Nanda	233G1R0091	APC-DPCG/2024-25/VAC033	19/10/24	S. Nanda
33	Sudip Barman	233G1R0092	APC-DPCG/2024-25/VAC034	19/10/24	S. Barman
34	Sumit Mal	233G1R0093	APC-DPCG/2024-25/VAC035	19/10/24	S. Mal
35	Suniti Dwibedi	233G1R0094	APC-DPCG/2024-25/VAC036	19/10/24	Suniti Dwibedi
36	Swarnab Pradhan	233G1R0095	APC-DPCG/2024-25/VAC037	19/10/24	Swarnab Pradhan
37	T. Jotsna	233G1R0096	APC-DPCG/2024-25/VAC038	19/10/24	T. Jotsna
38	T. Yamini	233G1R0097	APC-DPCG/2024-25/VAC039	19/10/24	T. Yamini
39	Tizira Karren	233G1R0098	APC-DPCG(2024-25) VAC 040	19/10/24	
40	Totan Pal	233G1R0099	APC-DPCG(2024-25) VAC 041	19/10/24	T. Pal
41	V. Suvarna Lakshmi	233G1R00A1	APC-DPCG(2024-25) VAC 042	19/10/24	V. Suvarnalaxmi
42	V. Yamini Sangya	233G1R00A2	APC-DPCG(2024-25) VAC 043	19/10/24	V. Yamini
43	V. Sanjana	233G1R00A3	APC-DPCG(2024-25) VAC 044	19/10/24	V. Sanjana
44	V. Thambi	233G1R00A4	APC-DPCG(2024-25) VAC 045	19/10/24	V.B. Thambi
45	V. Shanmukha	233G1R00A5	APC-DPCG(2024-25) VAC 046	19/10/24	
46	P. Preethi	233G1R00A7	APC-DPCG(2024-25) VAC 047	19/10/24	P. Preethi
47					
48					
49					
50					

Verified by: G. Tejaswi.

Course Coordinator: _____

Principal: _____

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL Aditya Pharmacy College SURAMPALEM-533 437

Certification Disclaimer:

This Certificate is awarded to Students who have completed the Value Added Course. Any alterations or reproductions without authorisation will render it invalid.

Verification Contact:

For verification of certificate issuance, kindly contact the Department of Pharmacognosy, Aditya Pharmacy College (A), Surampalem, Andhra Pradesh – 533437.

Aditya Pharmacy College (A) is dedicated to excellence in pharmaceutical education, research, and patient care, ensuring our students are equipped with the knowledge and skills to excel in the healthcare industry.

Institution Address:

Aditya Pharmacy College (A), Surampalem – 533437, Andhra Pradesh, India.

COURSE SCHEDULE
A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED
"ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINE SYSTEMS"
Course Duration: 14th to 18th October 2024

ACADEMIC YEAR 2024-2025

Day 1 : 14-10-2024

MODULE 1 : Introduction to Ethnopharmacology: Foundations, Documentation Methods, and Ethical Practices

- Introduction to Ethnopharmacology: History, Definitions, and Significance
- Documentation Methods and Ethical Considerations in Ethnopharmacology

Day 2: 15-10-2024

MODULE 2 : Traditional Medicine Systems: From East to West - Exploring Chinese, Ayurvedic, and Unani Therapeutic Traditions

- Traditional Chinese Medicine: Theories, Pharmacopoeia, and Modern Applications
- Ayurvedic and Unani Medicine: Principles, Practices, and Comparative Analysis

Day 3: 16-10-2024

MODULE 3: Indigenous Medicine Systems Across Continents: American, African, and Australian Aboriginal Healing Traditions

- North and South American Traditional Medicine Systems and Plant Knowledge
- African and Australian Aboriginal Medicine: Cultural Healing Traditions

Day 4 : 17-10-2024

MODULE 4: Phytochemical Exploration: From Traditional Plants to Modern Pharmaceuticals - Discovery, Analysis, and Development

- From Plants to Pharmaceuticals: Phytochemistry and Drug Discovery Process
- Laboratory Techniques in Ethnopharmacology: Extraction, Analysis, and Testing

Day 5 : 18-10-2024

MODULE 5: Evidence-Based Traditional Medicine: From Clinical Validation to Integrative Healthcare Models

- Evidence-Based Evaluation of Traditional Medicines and Clinical Trials
- Integrative Healthcare Models: Bridging Traditional and Conventional Medicine, Integration

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

233G1R0057

10

ADITYA PHARMACY COLLEGE
Approved by AICTE & PCI - NEW DELHI, Affiliated to JNTU KAKINADA
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

ADITYA PHARMACY COLLEGE

Course Title: Ethnopharmacology and Traditional Medicine Systems

Course Period: 14-10-2024 to 18-10-2024

1. Which of the following best defines ethnopharmacology? (B)

A) Study of synthetic drugs and their effects on different ethnic groups
B) Study of medicinal plants and their traditional uses in various cultures
C) Study of chemical synthesis of traditional medicines
D) Study of drug metabolism in different populations

2. Ayurveda, a traditional system of medicine, originated in which country? (B)

A) China
B) India
C) Greece
D) Egypt

3. The Chinese traditional medicine system is primarily based on which principle? (B)

A) Humoral theory
B) Qi, Yin-Yang, and Five Elements
C) Doshas (Vata, Pitta, Kapha)
D) Four bodily fluids

4. Which plant is commonly used in Traditional Chinese Medicine (TCM) for its adaptogenic properties? (B)

A) Digitalis purpurea
B) Panax ginseng
C) Atropa belladonna
D) Cinchona officinalis

5. Which of the following is NOT a traditional medicine system? (D)

A) Ayurveda
B) Unani
C) Homeopathy
D) Pharmacokinetics

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

Title: "Ethnopharmacology and Traditional Medicine Systems"

Date: 14-10-2024 to 18-10-2024, Venue: APC Seminar hall, Aditya Pharmacy College

Reg.No: 233G1R0057

5. Outstanding 4.Excellent 3.Very Good 2.Good 1.Average

	14-10-2024	15-10-2024	16-10-2024	17-10-2024	18-10-2024
Overall feedback on the course	5	5	5	5	5
Overall feedback on the trainer	5	5	5	5	5
How well was the training structured	5	5	5	5	5
How easy was it to understand he content	5	5	5	5	5
How effectively did the trainer manage the group	5	5	5	5	5
How clear were the trainer's presentation skills	5	5	5	5	5
Did the training meet your personal expectations	5			5	

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)
Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

REPORT ON

A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED

"ETHNOPHARMACOLOGY AND TRADITIONAL MEDICINE SYSTEMS"

Course Duration: 14th to 18th October 2024

ACADEMIC YEAR 2024-2025

Day 1: Introduction to Ethnopharmacology and Traditional Knowledge

Morning Session: Foundations of Ethnopharmacology

Historical development and core concepts

Interdisciplinary nature (anthropology, botany, chemistry, pharmacology)

Methods of ethnopharmacological research and field surveys

Afternoon Session: Traditional Knowledge Documentation

Ethical considerations in traditional knowledge research

Interview techniques and community engagement

Documentation protocols and intellectual property rights

Day 2: Major Traditional Medicine Systems

Morning Session: Asian Medicine Systems

Ayurvedic Medicine: philosophical foundations, diagnostic approaches, key medicinal plants

Traditional Chinese Medicine: core concepts, diagnostic methods, important medicinal herbs

Afternoon Session: Other Traditional Medicine Systems

Unani and Tibetan Medicine: historical development, diagnostic approaches

Indigenous Medicine Systems: Native American, African, and Australian Aboriginal traditions

Day 3: Scientific Validation and Research Methods

Morning Session: Pre-clinical Evaluation Approaches

In vitro assays for traditional medicines

Animal models and ethical considerations

Pharmacokinetic and pharmacodynamic studies

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

Afternoon Session: Clinical Research Methods

Clinical trial design for traditional medicines

Challenges in standardization for clinical studies

Laboratory techniques: extraction, analysis, and testing methods

Day 4: Therapeutic Applications and Evidence-Based Evaluation

Morning Session: Traditional Medicines for Various Conditions

Antimicrobial plants and their active constituents

Traditional approaches to epidemic and infectious diseases

Plant medicines for metabolic and inflammatory disorders

Afternoon Session: Evidence-Based Evaluation

From plants to pharmaceuticals: phytochemistry and drug discovery

Evidence-based assessment of traditional medicines

Case studies of validated traditional medicines

Day 5: Integration, Sustainability, and Future Directions

Morning Session: Integration into Modern Healthcare

Integrative medicine models worldwide

Regulatory frameworks for traditional medicines

Pharmacovigilance for herbal and traditional products

Afternoon Session: Future of Ethnopharmacology

Sustainability and conservation of medicinal plant resources

Genomic approaches and artificial intelligence in research

Global health integration and policy considerations

Group project presentations on ethnopharmacological research

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

DEPARTMENT OF PHARMACOGNOSY

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

PROUDLY PRESENTS

CERTIFICATE OF COMPLETION

TO

Mondem Lova Bhuvaneswari

Reg. No.: 233G1R0057 OF II/IV B. Pharmacy

For successfully completing the Five-Day Value-Added Certification Course titled "Ethnopharmacology and Traditional Medicine Systems," conducted by the Department of Pharmacognosy from 14th to 18th October 2024, demonstrating exemplary dedication, active participation, and a keen commitment to advancing knowledge in Ethnopharmacology and Traditional Systems of Medicine.

Demonstrating Academic Excellence, the Participant secured 10/10 marks in the End-of-Course Assessment conducted on 18th October 2024, showcasing remarkable subject proficiency.

Certificate ID: APC-DPCG/2024-2025/VAC/001

Ms. Tejaswi Gudipudi
Course Coordinator
Dept. of Pharmacognosy
Aditya Pharmacy College (A)
Surampalem

ADITYA

Dr. D. Sathis Kumar
Principal
Aditya Pharmacy College (A)
Surampalem

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

PCI
JNTUK
NAAC
ISO
AUTONOMOUS

Microbial Biotechnology for Transforming Environmental Residues into Valuable Products

16-12-2024 TO 20-12-2024

WHO CAN ATTEND

II B.PHARMACY STUDENTS

VENUE

SEMINAR HALL

ADITYA PHARMACY COLLEGE (A)

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

office@adityapharmacy.edu.in

LAST DATE FOR REGISTRTION: 14-12-2024

ADITYA
PHARMACY COLLEGE
(Formerly Known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
- Approved by PCI, New Delhi - Accredited by NAAC "A" Grade
- Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 766
E-mail: office@adityapharmacy.edu
Web: www.adityapharmacy.edu
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

PROPOSAL LETTER

To
The Principal
Aditya Pharmacy College
Surampalem

SUB: Request for Approval of Five-Day Value Added Course titled *"Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"*

Respected Sir,

I am writing to propose the organization of a five-day value-added course titled **"Microbial Biotechnology for Transforming Environmental Residues into Valuable Products,"** scheduled to be conducted from **16-12-2024 to 20-12-2024**. This course is designed to impart practical knowledge and applied skills in the field of environmental biotechnology with a focus on sustainable waste management and bio product innovation.

The course will comprehensively address the role of microbial biotechnology in converting agricultural, industrial, and municipal residues into valuable products such as biofuels, bioplastics, industrial enzymes, and organic acids. Each day will focus on a specialized theme ranging from microbial metabolism and fermentation to real-world bio refinery applications, challenges in scaling up, and the latest innovations in the field including CRISPR, synthetic biology, and AI-driven bioprocessing.

Through a structured combination of expert-led lectures, interactive sessions, and student presentations, the course aims to enhance the interdisciplinary understanding of biotechnology, environmental science, and industrial microbiology. The sessions will be led by accomplished professionals from reputed institutions, ensuring high academic value and practical relevance.

This value-added course aligns well with the objectives of the pharmacy curriculum, particularly in the context of industrial biotechnology, environmental health, and green technology. It will not only broaden the academic horizon of our students but also prepare them for careers in sustainable industries and research sectors. Furthermore, the course will provide an opportunity for faculty professional development and foster inter-institutional collaborations.

We seek your kind approval and support for the successful organization of this course. With your encouragement, we are confident this program will add significant value to our institution's academic offerings and industry engagement.

Thank you for considering this proposal.

Warm regards,
Dr. G. Sowjanya
Associate Professor
Aditya Pharmacy College
Email ID: 5700, 9100044007

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

23-11-2024

CIRCULAR

This is to inform all **II B.Pharm** students that Department of Pharmacology is conducting a five-day short course on **"Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"**from **16/12/24 to 20/12/24.** The interested students can register for the course on or before **14-12-2024.**

PRINCIPAL

23/11/24

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
PCI
AICTE
NAAC
JNTUK
ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

REGISTRATION FORM

NAME	Mo Lova Bhuvaneswari
Roll No.	233G1R0057
Course (B.Pharm/M.Pharm/Pharma D)	B. pharmacy
Year	2024
Registration for	microbial biotechnology for transforming environmental residues to valuable products
Duration	5 days

Declaration: I am willing to participate in the training program.

Student Signature: Mo Lova Bhuvaneswari

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: " Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"

Course Period: 16-12-2024 to 20-12-2024

List of students registered for the course

S. No.	Roll No.	Name of the Student	Course	Year	Signature
1.	233G1R0057	MONDEM LOVA BHUVANESWARI	B.PHARM	II	M.L Bhuvaneswari
2.	233G1R0058	MORI JNANA PRASANNA	B.PHARM	II	M.J. prasanna
3.	233G1R0059	MOYO ALLANA	B.PHARM	II	Allana
4.	233G1R0060	MUNURU JYOTHSNA	B.PHARM	II	M. Jyothsna
5.	233G1R0061	MUSKAN BANJARE	B.PHARM	II	Muskan
6.	233G1R0062	MWAIMBODEYI HEMMISH	B.PHARM	II	[illegible]
7.	233G1R0063	NAGIREDDY VARALAKSHMI	B.PHARM	II	N. Varalakshmi
8.	233G1R0064	NANIPALLI KUSUMA DEVI	B.PHARM	II	N. Kusuma
9.	233G1R0065	PAILA POOJITHA	B.PHARM	II	P. Poojitha
10.	233G1R0066	PANNALA NAGA SURYA VISHNU VASANTA	B.PHARM	II	P.N.S.V. Vasanta
11.	233G1R0068	PENAGANTI VYSHNAVI	B.PHARM	II	P. Vyshnavi
12.	233G1R0069	PENTAPATI SRI MAHALAKSHMI	B.PHARM	II	P. Sri Mahalaksh
13.	233G1R0070	PIRLA SUJINI	B.PHARM	II	P. Sujini
14.	233G1R0071	POTELA HEMA	B.PHARM	II	P. Hema
15.	233G1R0072	PRAGADAREDDY RANI	B.PHARM	II	P. Rani
16.	233G1R0073	RAUSHAN KUMAR SHAH	B.PHARM	II	Raushan
17.	233G1R0074	RIMMALAPUDI POOJA SHREE	B.PHARM	II	Pooja
18.	233G1R0075	ROUTHU KEERTHANA	B.PHARM	II	R. Keerthana
19.	233G1R0076	RUFANA	B.PHARM	II	Rufana
20.	233G1R0077	RUPAK ACHARYA	B.PHARM	II	Rupak Acharya
21.	233G1R0078	SAMRAT DEY	B.PHARM	II	[illegible]
22.	233G1R0079	SANA PRASANTHI KUMARI	B.PHARM	II	S.P. Kumari
23.	233G1R0080	SANNI KUMAR	B.PHARM	II	[illegible]
24.	233G1R0081	SANTANU MAHAPATRA	B.PHARM	II	S. Mahapatra
25.	233G1R0082	SARIKA MOHANA SRI HARSHA	B.PHARM	II	S. Mohana
26.	233G1R0083	SATYAM KUMAR	B.PHARM	II	Satyam Kumar
27.	233G1R0084	SCOTCH ADMIRE M	B.PHARM	II	Scotch
28.	233G1R0085	SIDDHARTH NARAYAN	B.PHARM	II	Siddharth
29.	233G1R0086	SINGAMPALLI L V S PRAVALLIKA	B.PHARM	II	S. Pravallika

ADITYA PHARMACY COLLEGE SURAMPALEM-533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

30.	233G1R0087	SINGILIDEVI KHYATHI SREE	B.PHARM	II	S.Khyathi Sree
31.	233G1R0088	SIRAPURAPU DURGA MANJULA	B.PHARM	II	S.D. Manjula
32.	233G1R0089	SOHAIL ANSARI	B.PHARM	II	Ansari
33.	233G1R0090	SOUMYADIP BEBARTTA	B.PHARM	II	Soumyadip Be
34.	233G1R0091	SUBHAJIT NANDA	B.PHARM	II	S. Danda
35.	233G1R0092	SUDIP BARMAN	B.PHARM	II	S. Barman
36.	233G1R0093	SUMIT MAL	B.PHARM	II	S. Mal
37.	233G1R0094	SUNITI DWIBEDI	B.PHARM	II	Suniti Dwibedi
38.	233G1R0095	SWARNAB PRADHAN	B.PHARM	II	S. Pradhan
39.	233G1R0096	TANARAPU JOTSNA	B.PHARM	II	T. Jotsna
40.	233G1R0097	TANUKU YAMINI SATYA PRIYA	B.PHARM	II	T. Yamini
41.	233G1R0098	TIZIRA KARREN E	B.PHARM	II	[illegible]
42.	233G1R0099	TOTAN PAL	B.PHARM	II	T. Pal
43.	233G1R00A0	VADDI VENKATA DURGA RAMA LAKSHMI	B.PHARM	II	V. Rama
44.	233G1R00A1	VADDIPARTHI VENU SAI SUVARNA LAKSHMI	B.PHARM	II	V. Suvarnalaxmi
45.	233G1R00A2	VARDHINEEDI YAMINI GANGA	B.PHARM	II	V. Yamini
46.	233G1R00A3	VEMAGIRI SANJANA	B.PHARM	II	V. Sanjana
47.	233G1R00A4	VEMU BALA THAMBI RAJU	B.PHARM	II	V.B. Raju
48.	233G1R00A5	VENTURI SHANMUKHA PRIYA	B.PHARM	II	V. Shanmukha
49.	233G1R00A6	VIMBAI TENDAI MACHACHAVANGWA	B.PHARM	II	[illegible]
50.	233G1R00A7	POTNURU PREETHI	B.PHARM	II	P. Preethi

ADITYA PHARMACY COLLEGE
SURAMPALEM
532 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-53

ADITYA PHARMACY COLLEGE

Course Title: " Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"

Course Period: 16-12-2024 to 20-12-2024

Attendance Sheet

S.No.	Roll No.	Name of the Student	16-12-2024		17-12-2024		18-12-2024		19-12-2024		20-12-2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	233G1R0057	MONDEM LOVA BHUVANESWARI										
2	233G1R0058	MORI JNANA PRASANNA										
3	233G1R0059	MOYO ALLANA										
4	233G1R0060	MUNURU JYOTHSNA										
5	233G1R0061	MUSKAN BANJARE	M.B	M.B	M.B	M.B	M.B	M.B	M.B	M.B	M.B	M.B.
6	233G1R0062	MWAIMBODEYI HEMMISH										
7	233G1R0063	NAGIREDDY VARALAKSHMI										
8	233G1R0064	NANIPALLI KUSUMA DEVI										
9	233G1R0065	PAILA POOJITHA										
10	233G1R0066	PANNALA NAGA SURYA VISHNU VASANTA										
11	233G1R0068	PENAGANTI VYSHNAVI										
12	233G1R0069	PENTAPATI SRI MAHALAKSHMI										
13	233G1R0070	PIRLA SUJINI										
14	233G1R0071	POTELA HEMA										
15	233G1R0072	PRAGADAREDDY RANI										
16	233G1R0073	RAUSHAN KUMAR SHAH										
17	233G1R0074	RIMMALAPUDI POOJA SHREE										
18	233G1R0075	ROUTHU KEERTHANA										
19	233G1R0076	RUFANA										
20	233G1R0077	RUPAK ACHARYA										
21	233G1R0078	SAMRAT DEY										
22	233G1R0079	SANA PRASANTHI KUMARI										
23	233G1R0080	SANJAY KUMAR										
24	233G1R0081	SANJANU MAHAPATRA										

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

S.No.	Roll No.	Name of the Student	16-12-2024		17-12-2024		18-12-2024		19-12-2024		20-12-2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
25	233G1R0082	SARIKA MOHANA SRI HARSHA	S.M.S harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha	SMS harsha
26	233G1R0083	SATYAM KUMAR										
27	233G1R0084	SCOTCH ADMIRE M										
28	233G1R0085	SIDDHARTH NARAYAN										
29	233G1R0086	SINGAMPALLI L V S PRAVALLIKA	Pravi	Pravi	Pravi	Pravi	Pravi	Pravi	Pravi	Pravi	Pravi	Pravi
30	233G1R0087	SINGILIDEVI KHYATHI SREE	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi	Khyathi
31	233G1R0088	SIRAPURAPU DURGA MANJULA	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula	S.D.manjula
32	233G1R0089	SOHAIL ANSARI										
33	233G1R0090	SOUMYADIP BEBARTTA										
34	233G1R0091	SUBHAJIT NANDA										
35	233G1R0092	SUDIP BARMAN	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
36	233G1R0093	SUMIT MAL										
37	233G1R0094	SUNITI DWIBEDI	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi	Suniti Dwibedi
38	233G1R0095	SWARNAB PRADHAN										
39	233G1R0096	TANARAPU JOTSNA	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna	Jotsna
40	233G1R0097	TANUKU YAMINI SATYA PRIYA	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini	Yamini
41	233G1R0098	TIZIRA KARREN E										
42	233G1R0099	TOTAN PAL										
43	233G1R00A0	VADDI VENKATA DURGA RAMA LAKSHMI	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama
44	233G1R00A1	VADDIPARTHI VENU SAI SUVARNA LAKSHMI	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L	V.S.L
45	233G1R00A2	VARDHINEEDI YAMINI GANGA	Yamini	yamini	yamini	yamini	yamini	yamini	yamini	yamini	yamini	yamini
46	233G1R00A3	VEMAGIRI SANJANA	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	V. Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
47	233G1R00A4	VEMU BALA THAMBI RAJU	VBRaj	V.B.Raj	V.B.Raj	V.B.Raj	VBRaj	VBTRaj	VBTRa	VRaj	VRaj	VRaj
48	233G1R00A5	VENTURI SHANMUKHA PRIYA										
49	233G1R00A6	VIMBAI TENDAI MACHACHAVANGWA										
50	233G1R00A7	POTNURU PREETHI	P.Preethi	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi

Microbial Biotechnology for Transforming Environmental Residues into Valuable Products

COURSE SCHEDULE

Day 1: Introduction to Environmental Residues & Microbial Biotechnology

Speaker: Speaker: Dr. G, Sowjanya, Associate Professor, Aditya Pharmacy College and Surampalem

Types of environmental residues: agricultural, industrial, municipal Environmental challenges posed by waste accumulation

Overview of microbial biotechnology: history, scope, and relevance

Introduction to microbial metabolism and biodegradation

Day 2: Microbial Conversion of Residues to Biofuels and Energy

Speaker: Dr. SK. Mobeen, Associate Professor, KL University

Microbial fermentation and anaerobic digestion Production of bioethanol, biogas, and biodiesel from residues Engineering microbes for enhanced biofuel production Case studies of industrial applications in energy recovery

Day 3: Bioplastics, Enzymes, and Organic Acids from Waste

Speaker: Dr. N. Swathi, Associate Professor, Sri Sivani college of Pharmacy

Microbial synthesis of bioplastics (e.g., PHAs) from organic waste Enzyme production for industrial use (e.g., cellulases, proteases) Microbial production of organic acids (lactic, succinic, acetic acids) Integrative biorefinery concepts Case Study Analysis

Day 4: Challenges, Opportunities, and Innovations in Bioconversion

Speaker: Ms. G. Kalyani, Assistant Professor, Aditya Pharmacy College, Surampalem

Process optimization, scale-up, and bioreactor design Economic and regulatory constraints

Waste-to-product strategies in low-resource settings Presentations on proposed bioconversion projects

Emerging trends: synthetic biology, CRISPR, AI in bioprocessing

Day 5: Review Session and Final Exam, Certificates Distribution

Speaker: Speaker: Ms. Ch. L. Madhavai, Assistant Professor, Aditya Pharmacy College, Surampalem

Comprehensive review and open discussion Final exam Certification ceremony and closing remarks

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
533 437

233G1R0057

ADITYA PHARMACY COLLEGE

Course Title: "Microbial Biotechnology for Transforming Environmental Residues Into Valuable Products"

Course Period: 16-12-2024 to 20-12-2024

8/10

1. **What are the primary types of environmental residues?** (a)
   a) Agricultural, industrial, municipal
   b) Agricultural, plastic, medical
   c) Industrial, household, food
   d) Organic, inorganic, biodegradable
2. **Which of the following is a key concept in microbial biotechnology?** (b)
   a) Photosynthesis in plants
   b) Conversion of organic waste to useful products using microorganisms
   c) Development of synthetic fertilizers
   d) Photosynthetic bacteria in agriculture
3. **Microbial metabolism primarily involves the breakdown of organic materials for energy. What is this process called?** (c)
   a) Photosynthesis
   b) Fermentation
   c) Biodegradation
   d) Nitrogen fixation
4. **Which of the following is a common product of microbial fermentation of agricultural residues?** (a)
   a) Bioethanol
   b) Biodiesel
   c) Bioplastics
   d) Synthetic rubber
5. **Anaerobic digestion in microbial biotechnology primarily leads to the production of** (a)
   a) Biogas
   b) Hydrogen
   c) Lactic acid
   d) Organic fertilizers
6. **Which of the following microbes is commonly engineered for enhanced biofuel production?** (d)
   a) *Escherichia coli*
   b) *Saccharomyces cerevisiae*
   c) *Clostridium acetobutylicum*
   d) All of the above
7. **Which biofuel is typically produced from waste oils through microbial processes?** (b)
   a) Bioethanol
   b) Biodiesel
   c) Methanol
   d) Propane
8. **Which technology is driving advancements in the design of more efficient bioreactors?** (a)
   a) Artificial intelligence (AI)
   b) Quantum computing
   c) Nanotechnology
   d) Genetic engineering of plants
9. **Which of the following is a key factor in the scaling-up of microbial bioprocesses?** (a)
   a) High labour costs
   b) Bioreactor design and optimization
   c) Use of synthetic fertilizers
   d) Minimizing waste generation
10. **Which of the following is an emerging trend in microbial biotechnology?** (c)
   a) Enhanced photosynthetic efficiency in crops
   b) Use of CRISPR for genome editing in microorganisms
   c) Generation of methane from waste without microbial involvement
   d) Development of synthetic pesticides using microorganisms

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

233 G1R0057

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

Title: "Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"

Date: 16-12-2024 to 20-12-2024, Venue: APC Seminar hall, Aditya Pharmacy College

5. Outstanding 4.Excellent 3.Very Good 2.Good 1.Average

	16-12-2024	17-12-2024	18-12-2024	19-12-2024	20-12-2024
Overall feedback on the course	5	4	5	5	5
Overall feedback on the trainer	5	5	5	5	5
How well was the training structured	4	4	4	4	4
How easy was it to understand he content	3	3	3	3	3
How effectively did the trainer manage the group	5	5	5	5	5
How clear were the trainer's presentation skills	4	4	4	4	4
Did the training meet your personal expectations	5	5	5	5	5

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL Aditya Pharmacy College SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
• Approved by PCI, New Delhi • Accredited by NAAC "A" Grade
• Permanently Affiliated to JNTUK, Kakinada
• Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.
Ph: 98665 78663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in

A REPORT ON

Five Days Training Programme on "Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"

Course Period: 16.12.2024 to 20.12.2024
Venue: Aditya Pharmacy College, Surampalem

ADD-ON PROGRAM OVERVIEW:

The main objective of this five-day add-on program was to provide insights into the use of microbial biotechnology for the transformation of environmental residues into valuable bio-products. The course aimed to enhance student understanding of sustainable waste management, bioenergy, and microbial bioprocessing innovations.

Resource Person:

Dr. SK. Mobeen, Associate Professor, Department of Biotechnology, KL University,

Dr. N. Swathi, Associate Professor, Department of Biotechnology, Sri Sivani College of Pharmacy

Title:

A five-day training add-on program on **"Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"**

SCHEDULE OF ADD-ON PROGRAM:

Date: 16.12.2024 to 20.12.2024
Course Duration: 5 days (30 hours)
Timing: 09:30 A.M to 04:00 P.M
Course Period: 16.12.2024 to 20.12.2024

Target Audience:

Students from II-B. Pharmacy

Number of Students Attended: 53

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

The **Department of Pharmaceutical Biotechnology** organized a five-day add-on program on *"Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"* to strengthen student understanding in converting waste materials into sustainable and eco-friendly products using microbial technologies.

The course was conducted under the guidance of **Dr. SK. Mobeen,** who served as the chief resource person and **Dr. N. Swathi** resource person. The program was coordinated and supported by faculty members including **Dr. G, Sowjanya, Associate Professor, Ms. G. Kalyani, Assistant Professor, Ms. Ch. L. Madhavai, Assistant Professor.**

The program schedule and PowerPoint presentations on the course content were shared with all faculty and student participants ahead of time. A total of 48 students actively participated in this training.

During the course, sessions included in-depth presentations on microbial metabolism, waste-to-energy processes, biofuel production, synthesis of bioplastics and enzymes, and future trends such as synthetic biology and AI in bioprocessing. Each session involved interactive learning and case study discussions.

Participants provided feedback through structured forms at the end of the program. The training concluded with a vote of thanks extended to the resource person and all contributors for their valuable inputs and successful execution of the program.

COURSE COORDINATOR

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
SURAMPALEM
533 437

ADITYA PHARMACY COLLEGE

Course Title: " Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"

Course Period: 16-12-2024 to 20-12-2024

CERTIFICATE ISSUED LIST

S. No.	Roll No.	Name of the Student	Course	YEAR	Signature
1.	233G1R0057	MONDEM LOVA BHUVANESWARI	B.PHARM	II	M.L.Bhuvaneswari
2.	233G1R0058	MORI JNANA PRASANNA	B.PHARM	II	M.J.prasanna
3.	233G1R0059	MOYO ALLANA	B.PHARM	II	Allana
4.	233G1R0060	MUNURU JYOTHSNA	B.PHARM	II	M.Jyothsna
5.	233G1R0061	MUSKAN BANJARE	B.PHARM	II	Muskan
6.	233G1R0062	MWAIMBODEYI HEMMISH	B.PHARM	II	[illegible]
7.	233G1R0063	NAGIREDDY VARALAKSHMI	B.PHARM	II	N.Varalakshi
8.	233G1R0064	NANIPALLI KUSUMA DEVI	B.PHARM	II	N.Kusuma
9.	233G1R0065	PAILA POOJITHA	B.PHARM	II	P.Poojitha
10.	233G1R0066	PANNALA NAGA SURYA VISHNU VASANTA	B.PHARM	II	P.N.S.V.Vasanta
11.	233G1R0068	PENAGANTI VYSHNAVI	B.PHARM	II	P.Vyshnavi
12.	233G1R0069	PENTAPATI SRI MAHALAKSHMI	B.PHARM	II	P.Sri Mahalakshmi
13.	233G1R0070	PIRLA SUJINI	B.PHARM	II	P.Sujini
14.	233G1R0071	POTELA HEMA	B.PHARM	II	P.Hema
15.	233G1R0072	PRAGADAREDDY RANI	B.PHARM	II	P.Rani
16.	233G1R0073	RAUSHAN KUMAR SHAH	B.PHARM	II	Raushan
17.	233G1R0074	RIMMALAPUDI POOJA SHREE	B.PHARM	II	Pooja
18.	233G1R0075	ROUTHU KEERTHANA	B.PHARM	II	R.Keerthi
19.	233G1R0076	RUFANA	B.PHARM	II	Rufana
20.	233G1R0077	RUPAK ACHARYA	B.PHARM	II	Rupak Acharya
21.	233G1R0078	SAMRAT DEY	B.PHARM	II	[illegible]
22.	233G1R0079	SANA PRASANTHI KUMARI	B.PHARM	II	S.P.Kumari
23.	233G1R0080	SANNI KUMAR	B.PHARM	II	[illegible]
24.	233G1R0081	SANTANU MAHAPATRA	B.PHARM	II	S.Mahapatra
25.	233G1R0082	SARIKA MOHANA SRI HARSHA	B.PHARM	II	S Mohana
26.	233G1R0083	SATYAM KUMAR	B.PHARM	II	Satyam Kumar
27.	233G1R0084	SCOTCH ADMIRE M	B.PHARM	II	Scotch
28.	233G1R0085	SIDDHARTH NARAYAN	B.PHARM	II	Siddharth
29.	233G1R0086	SINGAMPALLI L.V.S.PRAVALLIKA	B.PHARM	II	S.Pravallika

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
533 437

30.	233G1R0087	SINGILIDEVI KHYATHI SREE	B.PHARM	II	S. Khyathi Sree
31.	233G1R0088	SIRAPURAPU DURGA MANJULA	B.PHARM	II	S.D. Manjula
32.	233G1R0089	SOHAIL ANSARI	B.PHARM	II	Ansari
33.	233G1R0090	SOUMYADIP BEBARTTA	B.PHARM	II	S. Bartta
34.	233G1R0091	SUBHAJIT NANDA	B.PHARM	II	S. Nanda
35.	233G1R0092	SUDIP BARMAN	B.PHARM	II	S. Barman
36.	233G1R0093	SUMIT MAL	B.PHARM	II	S. Mal
37.	233G1R0094	SUNITI DWIBEDI	B.PHARM	II	Suniti Dwibedi
38.	233G1R0095	SWARNAB PRADHAN	B.PHARM	II	S. Pradhan
39.	233G1R0096	TANARAPU JOTSNA	B.PHARM	II	T. Jotsna
40.	233G1R0097	TANUKU YAMINI SATYA PRIYA	B.PHARM	II	T. Yamini
41.	233G1R0098	TIZIRA KARREN E	B.PHARM	II	
42.	233G1R0099	TOTAN PAL	B.PHARM	II	Totan Pal
43.	233G1R00A0	VADDI VENKATA DURGA RAMA LAKSHMI	B.PHARM	II	V. Rama
44.	233G1R00A1	VADDIPARTHI VENU SAI SUVARNA LAKSHMI	B.PHARM	II	V. Suvarnalaxmi
45.	233G1R00A2	VARDHINEEDI YAMINI GANGA	B.PHARM	II	
46.	233G1R00A3	VEMAGIRI SANJANA	B.PHARM	II	V. Sanjana
47.	233G1R00A4	VEMU BALA THAMBI RAJU	B.PHARM	II	V.B. Raju
48.	233G1R00A5	VENTURI SHANMUKHA PRIYA	B.PHARM	II	V. Priya
49.	233G1R00A6	VIMBAI TENDAI MACHACHAVANGWA	B.PHARM	II	
50.	233G1R00A7	POTNURU PREETHI	B.PHARM	II	P. preethi

PRINCIPAL
Aditya Pharmacy Coll
SURAMPALEM-533 43

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE(A)

SURAMPALEM

Certificate of participation

This certificate belongs to

MONDEM LOVA BHUVANESWARI

233G1R0057,II/IV B.PHARMACY
in recognition of his/her participation and completion of A Five-Day Value Added Program Entitled "Microbial Biotechnology for Transforming Environmental Residues into Valuable Products"(16th December to 20th December,2024) and got evaluated on 20th of December,2024

Course Co-ordinator **PRINCIPAL**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

ज्ञान - विज्ञान विमुक्तये
UGC AUTONOMY

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

NAAC

123 Certificates

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

A FIVE-DAY VALUE ADDED CERTIFICATION COURSE ON INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS

Course Duration: 11th February-15th February, 2025

Day-1: 11-02-2025 (Tuesday)

Topic: Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdose

Resource Person: Dr. S. Ch. S. Ramakrishna

Designation: Head of Critical Care Medicine, Trust Multispeciality Hospitals, Kakinada

Day-2: 12-02-2025 (Wednesday)

Topic: Cardiovascular Pharmacotherapy and Clinical Decision Making

Resource Person: Dr. P. V. Nishanth

Designation: Sr. Consultant Cardiologist, Trust Multispeciality Hospitals, Kakinada

Day-3: 13-02-2025 (Thursday)

Topic: Clinical Pharmacist's Role in Nephrotherapeutics and Renal Drug Optimization

Resource Person: Dr. B. V. R. H. Sastry

Designation: Consultant Nephrologist, Trust Multispeciality Hospitals, Kakinada

Day-4: 14-02-2025 (Friday)

Topic: Medication Matters: The Clinical Pharmacist's Role in Digestive Health

Resource Person: Dr. B. V. Sriram

Designation: Consultant Gastroenterologist, Trust Multispeciality Hospitals, Kakinada

Day-5: 15-02-2025 (Saturday)

Topic: Clinical Pharmacist at the Heart of Patient Care: Bridging Therapeutics with Clinical Outcomes

Resource Person: Dr. G. Sandeep

Designation: Clinical Pharmacist, Trust Multispeciality Hospitals, Kakinada

Department of Pharmacy Practice, Fourth Floor, Trust Multispeciality Hospitals, Kakinada

FEBRUARY 15

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437

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

Proposal for Approval to Conduct a 5-Day Value-Added Certification Course

Date: 29-01-2025

To
The Principal,
Aditya Pharmacy College (A),
Surampalem – 533437.

Subject: Request for Approval to conduct a **5-Day Value-Added Certification Course** titled **"Interdisciplinary Approaches to Patient Care: The Evolving Role of Clinical Pharmacists"**

I am writing to seek your approval to conduct a Five-Day Value-Added Certification Course organized by the Department of Pharmacy Practice, Aditya Pharmacy College (A), from the 11th of February to the 15th of February, 2025.

This program is designed to provide V/VI Pharm. D. students and Pharm. D. Interns with comprehensive insights into the evolving role of Clinical Pharmacists across various departments in hospital settings, focusing on their contributions to improving therapeutic outcomes through interdisciplinary collaboration. This certification course will not only strengthen the clinical foundation of our students but also enhance their readiness for Multidisciplinary Clinical Practice. The overall coordination of the course will be undertaken by Dr. Pavan Kumar Yanamadala, Assistant Professor at the Department of Pharmacy Practice in Aditya Pharmacy College (A).

Course Schedule and Resource Persons

Day & Date	Topic	Resource Person	Designation
Day 1: (11-02-2025)	Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdoses	**Dr. S. Ch. S. Ramakrishna**	**Head of Critical Care Medicine**, Trust Multispeciality Hospitals, Kakinada
Day 2: (12-02-2025)	Cardiovascular Pharmacotherapy and Clinical Decision-Making	**Dr. P. V. Nishanth**	**Senior Consultant Cardiologist**, Trust Multispeciality Hospitals, Kakinada
Day 3: (13-02-2025)	Clinical Pharmacist's Role in Nephrotherapeutics and Renal Drug Optimization	**Dr. B. V. R. H. Sastry**	**Consultant Nephrologist**, Trust Multispeciality Hospitals, Kakinada
Day 4: (14-02-2025)	Medication Matters: The Clinical Pharmacist's Role in Digestive Health	**Dr. B. V. Sriram**	**Consultant Gastroenterologist**, Trust Multispeciality Hospitals, Kakinada
Day 5: (15-02-2025)	Clinical Pharmacist at the Heart of Patient Care: Bridging Therapeutics with Clinical Outcomes	**Dr. G. Sandeep**	**Clinical Pharmacist**, Trust Multispeciality Hospitals, Kakinada

I request your approval to conduct this Value-Added Certification Course under the Department of Pharmacy Practice.

Thank you for your time and support.

Course Coordinator

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437

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

CIRCULAR

Date: 05-02-2025

This is to inform all V/VI Pharm. D students and Pharm. D. Interns that the **Department of Pharmacy Practice** is organizing a **Five-Day Value Added Certification Course** titled "**Interdisciplinary Approaches to Patient Care: The Evolving Role of Clinical Pharmacists**" from **11th February to 15th February 2025.**

This Value-added Certification Course is designed to provide comprehensive and practical insights into the **evolving role of Clinical Pharmacists in Various Departments,** with the sessions featuring **renowned Healthcare Professionals** from Diverse Specialities at **Trust Multispeciality Hospitals, Kakinada**, who will share real-world clinical experiences, evidence-based practices, and valuable perspectives on Inter-collaborative care such as **Medication Therapy Management, Medication Safety, Therapeutic Decision-Making, and Drug Therapy Optimization.**

All interested students are encouraged to attend and gain valuable clinical insights from this comprehensive certification course.

Interested Students are hereby advised to register for this Value-added Course on or before **08-02-2025.**

Note: The brochure of the Value Added Certification Course is attested along with this circular for further reference

Principal

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

A FIVE-DAY VALUE-ADDED CERTIFICATION COURSE

Duration: 11th Feb to 15th February, 2025

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

DEPARTMENT OF PHARMACY PRACTICE

INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS
STUDENT REGISTRATION FORM

PARTICIPANT DETAILS

Full Name : Hepzibah Rani Gidla

Roll Number : 193G1T0010

Gender : ☐ Male ✓ Female

Year and Program of Study : VI/VI pharm.D

Department : pharmacy practice

Contact Number : 9391324436

Email ID : hepzibahrani36@gmail.com

COURSE PARTICIPATION DETAILS

✓ I wish to register for the Five-Day Value Added Certification Course organized by the Department of Pharmacy Practice, Aditya Pharmacy College (A).

✓ I understand that full attendance and active participation are required to receive a Certificate of Participation.

✓ I agree to follow the guidelines and schedule provided by the Program Coordinator.

Would you like to receive an e-certificate on the above-mentioned Mail ID? ✓ Yes ☐ No

DECLARATION

I hereby declare that the above information is correct to the best of my knowledge. I understand that participation in this course will enhance my professional knowledge and skills.

Signature of the Participant: Hepzibah rani

Date: 7/2/2025

ADITYA PHARMACY COLLEGE SURAMPALEM-533 437

Terms & Conditions for Receiving E-certificate

- Participants must attend all sessions across the 5-day course duration (11th to 15th February 2025).
- Minimum 80% attendance is mandatory to be eligible for the Certificate of Participation.
- Participants must complete the evaluation process, which will be conducted on 15th February 2025 (final day).
- E-certificates will be issued only after successful submission of feedback forms and coordinator verification.

EQUIPPING YOU TODAY FOR THE CLINICAL CHALLENGES OF TOMORROW.

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437

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

LIST OF STUDENTS ENROLLED FOR A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED "INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS"

Course Duration: 11th to 15th February 2025

ACADEMIC YEAR 2024-2025

S. No.	Student Name	Reg. No.	Year of Study	Email ID	Signature
1	A. Madhuri	193G1T0001	VI/VI pharm D	madhurijatagapu00@gmail.com	A. Madhuri
2	A [illegible]	193G1T0002	VI/VI pharm D	[illegible]@gmail	[illegible]
3	B. Anulya	193G1T0003	VI/VI pharm D	anulyaraj05@gmail.com	Anulya.
4	B. Pradeepthi	193G1T0004	VI/VI pharm D	Pradeepthibokka24@gmail.com	B. Pradeepthi
5	ch. Bhagya Aruna	193G1T0005	VI/VI pharm D	bhagyaaruna39@gmail.com	ch. Aruna
6	Ch. S Varna Kishore	193G1T0006	VI/VI Pharm D	chilatasamatishor@gmail.com	ch. [illegible]
7	Satish	193G1T0007	VI/VI Pharm D	Satishdhanduprolu8939@gmail.com	D. Satish
8	D. Shaking	193G1T0008	VI/VI Pharm D	Shakeenashammi3@gmail.com	D. [illegible]
9	Eshita Lal	193G1T0009	VI/VI Pharm D	Eshitalal311@gmail.com	Eshita.
10	Hepzibah rani	193G1T0010	VI/VI pharm D	hepzibahrani56@gmail.com	Hepzibah
11	G. Sankeerthana	193G1T0011	VI/VI Pharm D	Keerthi232001@gmail.com	G. Sankeerthana
12	L. Mounika	193G1T0013	VI/VI pharm D	mounikalahari02@gmail	L. Mounika
13	J. Supriya	193G1T0012	VI/VI pharm D	Supriyachopra99@gmail.com	Supriya
14	Manisha Lahkar	193G1T0014	VI Pharm D	manishalahkar124@gmail.com	Lahkar
15	Nirmala a [illegible]	193G1T0015	VI-VI Ph D	nirmalayaroy1994@[illegible]	[illegible]
16	Nisar Ahmed	193G1T0016	VI/VI Ph. D	nisar.pharmd@gmail.com	Nisar.
17	Rishav	192G1T0017	VI/VI Pharm D	devrishav2@gmail.com	Rishav
18	S. Panda	193G1T0018	VI/VI Pharm D	sankhanil.panda@gmail.com	S. Panda
19	S. Prem chand	193G1T0019	VI/VI pharm D	premchandd007@gmail	[illegible]
20	Y. Suhanika	193G1T0025	VI/VI Pharm D	Suhiyagundu@gmail	Y. Suhanika
21	S. Dharmayi	193G1T0021	VI pharm D	dharmayithota@gmail.com	S. Dharmayi
22	V.S.S. Manojna	193G1T0022	VI pharm D	manojnasrinivas1008@gmail.com	V.S.S. [illegible]
23	V.H.R.S. Lakshmi	193G1T0023	VI/VI pharm D	vhrh409@gmail.com	V. Hemalatha
24	Yuti-Raj	193G1T0024	VI Pharm D	rajyuti972@gmail.com	Yuti
25	K. V. Saicharan	193G1T0029	VI/VI Ph. D	[illegible]@gmail	K. V. Saicharan
26	A. Lokesh	203G1T0001	V/VI Ph. D	lokeshachanta@gmail.com	A. Lokesh
27	K. Deevena. Das	193G1T0024	VI/VI Pharm D	deevenak1288s@gmail.com	K. [illegible]
28	U.S.V.V. Waryam	193G1T0030	VI/VI Ph. D	[illegible]@gmail	U. Waryam
29	B. Sara Aiswarya	203G1T0002	V/VI Ph-D	[illegible]aiswarya26@gmail.com	B. S. Aiswarya
30	G. Hima Bindu	203G1T0008	V/VI Ph-D	durgaahanathallis@gmail.com	Hima Bindu

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437

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

A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED

"INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS"

Course Duration: 11th to 15th February 2025

ACADEMIC YEAR 2024-2025

SIGN-IN SHEET FOR ATTENDANCE (FORENOON AND AFTERNOON SESSIONS)

S. No.	Student Name	Reg. No.	11-02-2025 (FN)	11-02-2025 (AN)	12-02-2025 (FN)	12-02-2025 (AN)	13-02-2025 (FN)	13-02-2025 (AN)	14-02-2025 (FN)	14-02-2025 (AN)	15-02-2025 (FN)	15-02-2025 (AN)
1	A. Madhuri	193G1T0001	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri	A. Madhuri
2	A. Manogna	193G1T0002	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna	A. Manogna
3	B. Anuliya	193G1T0003	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya	Anuliya
4	B. Pradeepthi	193G1T0004	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi	B. Pradeepthi
5	Ch. Bhagya Arjuna	193G1T0005	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna	Ch. Arjuna
6	Ch. Swapna Kishore	193G1T0006	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore	Ch. Kishore
7	D. Satish	193G1T0007	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish	D. Satish
8	D. Shakina	193G1T0008	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina	D. Shakina
9	Eshita Lal	193G1T0009	Eshita	Eshita	Eshita	Eshita	Eshita	Eshita	Eshita	Eshita	Eshita	Eshita
10	G. Hepzibah rani	193G1T0010	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah	Hepzibah
11	G. Sankeerthana	193G1T0011	Sankeerthana	Sankeerthana	Sankeerthana	G. Sankeerthana	Sankeerthana	Sankeerthana	Sankeerthana	Sankeerthana	Sankeerthana	Sankeerthana
12	J. Supriya	193G1T0012	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya
13	L. Monika	193G1T0013	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika
14	Manisha Lahkar	193G1T0014	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar	Lahkar
15	Nirmala Th	193G1T0015	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	Nisar Ahmed	193G1T0016	Nisar	Nisar	Nisar	Nisar	Nisar	Nisar	Nisar	Nisar	Nisar	Nisar
17	Rishav	193G1T0017	Rishav	Rishav	Rishav	Rishav	Rishav	Rishav	Rishav	Rishav	Rishav	Rishav
18	S. Panda	193G1T0018	Panda	Panda	Panda	Panda	Panda	Panda	Panda	Panda	Panda	Panda
19	S. Pramchand	193G1T0019	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand	S. Pramchand
20	K. V. Sai chetan	193G1T0029	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan	Sai chetan
21	T. Thanmayi	193G1T0021	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi	T. Thanmayi
22	V. S. S. Manojna	193G1T0022	Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna	V. S. S. Manojna
23	V. H. R. S. Lakshmi	193G1T0023	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu	V. Hemu

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)
Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLE: INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS

Course Schedule:

Day	Title of the Session
Day 1	Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdose
Day 2	Cardiovascular Pharmacotherapy and Clinical Decision-Making
Day 3	Clinical Pharmacist's Role in Nephrotherapeutics and Renal Drug Optimization
Day 4	Medication Matters: The Clinical Pharmacist's Role in Digestive Health
Day 5	Clinical Pharmacist at the Heart of Patient Care: Bridging Therapeutics with Clinical Outcomes

Course Objectives:

- To provide a comprehensive understanding of the Clinical Pharmacist's role in Multidisciplinary Hospitals.
- To enhance knowledge of Therapeutic Decision-making and Individualized Drug Therapy Management.
- To promote awareness of Medication Safety, Adverse Drug Reaction Management, and Pharmacovigilance.
- To strengthen the skills required for effective Interprofessional Collaboration in Patient care.
- To offer real-world insights into the role of Clinical Pharmacists in Various Specialities such as Critical Care, Cardiology, Nephrology, and Gastroenterology.

Course Outcomes:

- Demonstrate an understanding of the evolving role of Clinical Pharmacists in various Hospital Departments.
- Interpret and apply Clinical Knowledge for effective Therapeutic Decision-making.
- Identify strategies for enhancing Medication safety and improving patient outcomes.
- Develop competencies in Interdisciplinary collaboration with Healthcare teams.
- Analyze Patient Care Scenarios and optimize Pharmacotherapy interventions accordingly.

Course Coordinator

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
AUTONOMOUS
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED

"INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS"

Course Duration: 11th to 15th February 2025

END OF THE COURSE ASSESSMENT

Instructions: Answer all questions. Choose the most appropriate option.

All questions carry equal marks.

Total Marks: 50 Marks

Name: Hepzibah Rani Gidla Roll No: 1939110010 Year of Study: VI/VI pharm.D

Date: 15/2/2025 Signature: Hepzibah rani

Day 1 – Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdose

1. Which of the following is most appropriate for enhancing the elimination of weakly acidic drugs during Poisoning?

a) Urine alkalinization
b) Gastric lavage
c) Hemodialysis
d) Forced diuresis

2. Assertion (A): N-acetylcysteine acts as a precursor of Glutathione in Paracetamol Poisoning.
Reason (R): It enhances conjugation and clearance of toxic metabolites.

a) Both A and R are true, R explains A
b) Both A and R are true, R does not explain A
c) A is true, R is false
d) A is false, R is true

3. Match the following:

A. Organophosphates - i. Opioid antagonist
B. Benzodiazepines - ii. Atropine
C. Beta blockers - iii. Flumazenil
D. Opioids - iv. Glucagon

Options:

a) A-ii, B-iii, C-iv, D-i
b) A-iii, B-ii, C-i, D-iv
c) A-i, B-iv, C-ii, D-iii
d) A-iv, B-i, C-iii, D-ii

4. Select the FALSE statement:

a) Activated Charcoal is ineffective in Iron Poisoning.
b) Antidotes should be administered before Decontamination.
c) Gastric Lavage is contraindicated in Hydrocarbon Poisoning.
d) Atropine counters Muscarinic effects in Organophosphate Poisoning.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437
PRINCIPAL Aditya Pharmacy College SURAMPALEM-533 437

13. Match the following drugs to their classification:

A. Amikacin - i. Loop diuretic

B. Furosemide - ii. Nephrotoxic antibiotic

C. Sodium bicarbonate - iii. Alkalinizing agent

D. Spironolactone - iv. Potassium sparing diuretic

Options:

a) A-ii, B-i, C-iii, D-iv

b) A-i, B-ii, C-iv, D-iii

c) A-ii, B-iii, C-iv, D-i

d) A-iv, B-i, C-ii, D-iii

14. Select the TRUE statements regarding TDM:

a) It improves safety in Narrow Therapeutic Index Drugs

b) it is unnecessary for Antibiotics

c) It helps in dose adjustment in CKD

d) It is only used for Oral Medications

15. Multiple Select Question (MSQ): Which of the following drugs are Renally excreted?

a) Vancomycin

b) Digoxin

c) Atenolol

d) Diazepam

Day 4 – Role in Digestive Health

16. Identify the correct mechanism of PPIs:

a) Blocks dopamine receptors

b) Blocks H+/K+ ATPase

c) Stimulates GABA receptors

d) Inhibits prostaglandin synthesis

17. Assertion (A): Long-term use of PPIs can cause Hypomagnesemia.
Reason (R): PPIs inhibit Magnesium absorption in the Intestine.

a) Both A and R are true; R explains A

b) Both A and R are true; R does not explain A

c) A is true, R is false

d) A is false, R is true

18. Match the following:

A. Rabeprazole - i. H2 receptor blocker

B. Ranitidine - ii. Prokinetic agent

C. Domperidone - iii. PPI

D. Pantoprazole - iv. PPI

Options:

a) A-iii, B-i, C-ii, D-iv

b) A-i, B-ii, C-iv, D-iii

c) A-ii, B-i, C-iii, D-iv

d) A-iv, B-ii, C-i, D-iii

19. Select the incorrect pair:

a) PPI – Gastric ulcer

b) Domperidone – GERD

c) Ranitidine – Diarrhea

d) Antacids – Acid neutralization

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

A FIVE-DAY VALUE-ADDED CERTIFICATION COURSE

INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS

Duration: 11th Feb to 15th February, 2025

PARTICIPANT FEEDBACK FORM - VALUE ADDED COURSE

Dear Participant, We value your feedback! Kindly take a few moments to share your views about the session to help us improve future programs.

Full Name Hepzibah Rani Gidla Reg. No. 193G1T0010 Year of Study VI/VI pharm.D

YOUR EXPERIENCE MATTERS - RATE THE COURSE

CRITERIA	*	**	***	****	*****
Course Content Relevance					✓
Teaching Effectiveness					✓
Engagement and Interaction					✓
Clarity of Concepts and Explanation					✓
Usefulness of the Course					✓
Responsiveness to Queries					✓
Satisfaction Level					✓
Interaction and Participation Opportunities					✓

IMPACT AND EFFECTIVENESS OF THE COURSE

Did this course introduce you to New Perspectives or Concepts that you hadn't explored before?	(Yes/No)
Would you consider this Course a Valuable addition to your Academic or Professional Growth?	(Yes/No)
Did the Course Structure and Content align with your Expectations and Learning Goals?	(Yes/No)

You just shaped the future of our Value-added Courses with your Feedback!

Thank you for being part of this Journey.

Aditya Pharmacy College SURAMPALEM-533437

ADITYA PHARMACY COLLEGE (A)
Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

COMPREHENSIVE REPORT OF A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED "INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS"

Course Duration: 11th to 15th February 2025

Day 1; 11th February 2025

Topic: Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdose

Resource Person: Dr. S. Ch. S. Ramakrishna, Head of Critical Care Medicine, Trust Multispeciality Hospitals.

The inaugural day of the Value Added Certification Program commenced with an intellectually invigorating session by Dr. S. Ch. S. Ramakrishna. The session revolved around the pivotal role of Clinical Pharmacists in managing poisoning cases and drug overdoses in critical care settings. Dr. Ramakrishna's presentation was a master class in clinical clarity and academic engagement, seamlessly blending theoretical underpinnings with practical scenarios.

His exceptional presentation skills, articulate delivery, and expert knowledge of toxicology captivated the audience throughout the session. The interactive nature of the session fostered a highly engaging learning environment. Students actively participated in case-based discussions, raised insightful queries, and demonstrated a commendable level of enthusiasm and curiosity.

The session served as a strong foundation to instil awareness about emergency pharmacotherapy and the pharmacist's role as a front-line contributor in acute patient care interventions.

Day 2; 12th February 2025

Topic: Cardiovascular Pharmacotherapy and Clinical Decision-Making

Resource Person: Dr. P. V. Nishanth, Senior Consultant Cardiologist, Trust Multispeciality Hospitals.

The second day of the program featured an enlightening session on Cardiovascular Pharmacotherapy, led by the distinguished Cardiologist, Dr. P. V. Nishanth. His session was a perfect amalgamation of clinical precision and academic richness, emphasizing the integral role of Clinical Pharmacists in cardiac care units.

Dr. Nishanth's dynamic and eloquent presentation style was highly appreciated by the attendees. His session navigated through complex therapeutic concepts with admirable lucidity, making it both intellectually enriching and clinically relevant. The use of real-time case illustrations and ECG interpretations brought a unique practical dimension to the session.

Student participation was exceptional, with several attendees engaging in collaborative discussions, responding to clinical scenarios, and showcasing a keen interest in the nuances of cardiac pharmacotherapy. The session successfully elevated the students' understanding of cardiovascular drug regimens and their clinical application.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

Day 3; 13th February 2025

Topic: Clinical Pharmacist's Role in Nephrotherapeutics and Renal Drug Optimization

Resource Person: Dr. B. V. R. H. Sastry, Consultant Nephrologist, Trust Multispeciality Hospitals.

The third day unfolded with a high-impact session on Nephrotherapeutics, delivered by the eminent Nephrologist, Dr. B. V. R. H. Sastry. The session highlighted the critical involvement of Clinical Pharmacists in dose adjustment strategies, nephrotoxic drug monitoring, and optimizing therapeutic interventions in patients with renal dysfunction.

Dr. Sastry's profound subject expertise, coupled with his lucid explanation and structured content flow, captivated the students' attention throughout. His clinical narratives, drawn from years of specialized nephrology practice, added depth and authenticity to the session.

Students enthusiastically engaged in knowledge exchange, posed thoughtful questions, and expressed deep interest in understanding pharmacokinetics in renal impairment. The session not only broadened clinical horizons but also emphasized the value of patient-centric pharmaceutical care in nephrology settings.

Day 4; 14th February 2025

Topic: Medication Matters: The Clinical Pharmacist's Role in Digestive Health

Resource Person: Dr. B. V. Sriram, Consultant Gastroenterologist, Trust Multispeciality Hospitals.

Day Four of the Value-Added Certification program explored the vital area of Digestive Health and the clinical pharmacist's indispensable role in gastrointestinal pharmacotherapy. The session was spearheaded by the erudite Dr. B. V. Sriram, whose articulate delivery and command over the subject rendered the session highly impactful.

Dr. Sriram's engaging presentation style, enriched with practical case studies and evidence-based recommendations, resonated deeply with the audience. He effortlessly translated complex clinical information into easily comprehensible insights.

The students' active participation was evident through their thoughtful queries, analytical responses, and collaborative enthusiasm. The session profoundly reinforced the importance of medication safety, drug-diet interactions, and patient counselling in GI care.

Day 5; 15th February 2025

Topic: Clinical Pharmacist at the Heart of Patient Care: Bridging Therapeutics with Patient Outcomes

Resource Person: Dr. G. Sandeep, Clinical Pharmacist, Trust Multispeciality Hospitals.

The concluding day of the program witnessed an exemplary session by the Clinical Pharmacist, Dr. G. Sandeep, who eloquently emphasized the overarching role of Clinical Pharmacists in enhancing therapeutic outcomes and patient safety.

Dr. Sandeep's presentation was a fine blend of clinical excellence, structured pedagogy, and strategic insights. He emphasized practical approaches to multidisciplinary collaboration, patient monitoring, medication reconciliation, and follow-up care.

The interactive tone of the session spurred robust student involvement, with participants actively reflecting on real-world clinical scenarios, sharing feedback, and demonstrating heightened professional inquisitiveness. The session was a befitting culmination of a week-long academic endeavour, leaving a lasting impact on the participants' clinical outlook and confidence.

Course Coordinator

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Principal

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

A 5-DAY VALUE-ADDED CERTIFICATION COURSE ON INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS

SNAPSHOTS OF EXCELLENCE: A FIVE-DAY JOURNEY INTO CLINICAL PHARMACY PRACTICE

Day 1: 11-02-2025

Dr. S. Ch. S. Ramakrishna, Head of Critical Care Medicine at Trust Multispeciality Hospitals, Kakinada, delivered a session on Clinical Pharmacist's Role in Handling Poisoning Cases and Drug Overdose, highlighting key aspects of Toxicology Management.

Day 2: 12-02-2025

Dr. P. V. Nishanth, Senior Consultant Cardiologist, at Trust Multispeciality Hospitals, Kakinada, presented on Cardiovascular Pharmacotherapy and Clinical Decision-Making, focusing on Evidence-based Cardiac Treatment strategies and ECG Interpretations.

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

SNAPSHOTS OF EXCELLENCE: A FIVE-DAY JOURNEY INTO CLINICAL PHARMACY PRACTICE

Day 3: 13-02-2025

Dr. B. V. R. H. Sastry, Consultant Nephrologist, at Trust Multispeciality Hospitals, Kakinada, presented a session on Clinical Pharmacist's Role in Nephrotherapeutics and Renal Drug Optimization, discussing Medication Management in Renal disorders.

Day 4: 14-02-2025

Dr. B. V. Sriram, Consultant Gastroenterologist, at Trust Multispeciality Hospitals, Kakinada, Consultant Gastroenterologist, shared insights on Medication Matters: The Clinical Pharmacist's Role in Digestive Health, emphasizing the Clinical Pharmacist's contribution to Gastroenterology.

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

SNAPSHOTS OF EXCELLENCE: A FIVE-DAY JOURNEY INTO CLINICAL PHARMACY PRACTICE

Day 5: 15-02-2025

Dr. G. Sandeep, Clinical Pharmacist, at Trust Multispeciality Hospitals, Kakinada, concluded the Course with a Session on Clinical Pharmacist at the Heart of Patient Care: Bridging Therapeutics with Clinical Outcomes, highlighting the impact of Pharmacy Practice on Patient Management..

Learning Beyond Books: Participant Testimonials

★★★★★

This Course enriched my Learning Experience by showcasing how Clinical Principles are applied in Practice. The detailed demonstrations helped me grasp Complex Topics more effectively.

- G. Shreya Raj
V/VI Pharm. D

★★★★★

The well-structured Sessions provided valuable insights into Clinical Pharmacy. The demonstrations helped connect Textbook Knowledge to Real-World Patient Care, making learning more impactful.

- Nirmalya Roy
Pharm. D Intern

★★★★★

This Value-Added Course provided a deeper understanding of Clinical Concepts through Expert-led demonstrations. It offered clarity on Essential Procedures and their Real-World Applications

- Eshita Lal
Pharm. D Intern

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

Formerly known as Aditya Institute of Pharmaceutical Sciences and Research
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh - 533437
Website: www.adityapharmacy.edu.in, Email: office@adityapharmacy.edu.in

CERTIFICATE ISSUANCE LIST FOR A 5-DAY VALUE-ADDED CERTIFICATION COURSE TITLED "INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS"

Course Duration: 11th to 15th February 2025

ACADEMIC YEAR 2024-2025

S. No.	Student Name	Reg. No.	Certificate Number	Date of Issuance	Signature
1	A. Madhuri	193G1T0001	APC-DDP/2024-2025/VAC-2001	29/3/2025	A. Madhuri
2	A. Manogna	193G1T0002	APC-DDP/2024-2025/VAC-2002	29/3/25	A. Manogna
3	B. Anulya	193G1T0003	APC-DPP/2024-2025/VAC/003	29/3/25	Anulya
4	B. Pradeepthi	193G1T0004	APC-DPP/2024-2025/VAC-2/004	29/3/25	B. Pradeepthi
5	Ch. Bhagya Aruna	193G1T0005	APC-DPP/2024-2025/VAC-2	29/3/25	Ch. Aruna
6	Ch. Surnakishore	193G1T0006	APC-DDP/2024-25/VAC-006	29/03/25	Ch. Surn
7	D. Satish	193G1T0007	APC-DDP/2024-25/VAC-2007	29/3/25	D. Satish
8	D. Shakina	193G1T0008	APC-DDP/2024-25/VAC/2008	29/3/25	D. Shakina
9	Eshita Lal	193G1T0009	APC-DPP/2024-2025/VAC-2/009	29-03-2025	Eshita
10	G. Hepzibah rani	193G1T0010	APC-DPP/2024-2025/VAC-2/010	29/03/2025	Hepzibah
11	G. Sankeerthana	193G1T0011	APC-DPP/2024-2025/VAC-2/011	29/03/2025	G. Sankeerthana
12	J. Supriya	193G1T0012	APC-DPP/2024-2025/VAC-2/012	29/03/2025	J. Supriya
13	L. Monika	193G1T0013	APC-DPP/2024-2025/VAC-2/013	29/03/2025	L. Monika
14	Manisha Lahkar	193G1T0014	APC-DPP/2024-2025/VAC-2/014	29/03/2025	Lahkar
15	Nirmala Roy	193G1T0015	APC-DPP/2024-25/VAC-2/015	29/03/2025	Nirmala
16	Nisar Ahmed	193G1T0016	APC-DPP/2024-25/VAC-2/016	29/03/2025	Nisar Ahmed
17	Rishav	193G1T0017	APC-DPP/2024-25/VAC-2/017	29/03/2025	Rishav
18	S. Panda	193G1T0018	APC-DPP/2024-2025/VAC-2/018	29/03/25	Panda
19	S. Ramchand	193G1T0019	APC-DPP/2024-25/VAC-2/019	29/3/25	[illegible]
20	K.V.Sai charan	193G1T0020	APC-DPP/2024-2025/VAC-2/020	29/03/25	K.V.Sai Ch
21	S. Shanmukh	193G1T0021	APC-DPP/2024-2025/VAC-2/021	29/3/25	S. Shanmukh
22	V.S.S. Manojna	193G1T0022	APC-DPP/2024-2025/VAC-2/021	29/3/25	V.S.S.M
23	V.H.R.S. Lakshmi	193G1T0023	APC-DPP/2024-2025/VAC-2/022	29/3/25	V.H.R.S. Lakshmi
24	Yati Raj	193G1T0024	APC-DPP/2024-25/VAC-2/023	29/03/2025	Yati Raj
25	V. Sahithi	193G1T0025	APC-DPP/2024-2025/VAC-2/024	29/03/2025	[illegible]
26	A. Lokesh	203G1T0001	APC-DPP/2024-2025/VAC-2/028	28/3/25	A. Lokesh
27	K. Deevena Das	193G1T0027	APC-DPP/2024-2025/VAC-2/025	29/03/25	K. Das
28	B. Sara Aiswarya	203G1T0002	APC-DPP/2024-25/VAC 2/029	28/03/25	B. Sara Aiswarya
29	G. Hima Bindu	203G1T0008	APC-DPP/2024-25/VAC-2/033	28/03/25	Hima Bindu
30	U. Sriwarayana	203G1T0020	APC-DPP/2024-2025/VAC-2/027	29/03/25	U. Narayana
31	M. Divya	203G1T0011	APC-DPP/2024-25/VAC-2/035	28/03/25	M. Divya

DEPARTMENT OF PHARMACY PRACTICE

ADITYA PHARMACY COLLEGE (A)

Accredited by NAAC with an "A" Grade, Approved by PCI
Recognized by UGC, An Autonomous Institution
An ISO 9001:2015 Certified Institution
Permanently affiliated to JNTUK
Aditya Nagar, Surampalem-533437, Andhra Pradesh, India

PROUDLY PRESENTS

CERTIFICATE OF COMPLETION

TO

Gidla Hepzibah Rani

Reg. No.: 193G1T0010 OF VI/VI Pharm. D.

for successfully completing the Five-Day Value-Added Certification Course titled INTERDISCIPLINARY APPROACHES TO PATIENT CARE: THE EVOLVING ROLE OF CLINICAL PHARMACISTS, conducted by the Department of Pharmacy Practice from 11th to 15th February 2025, demonstrating dedication, engagement, and skill enhancement.

Demonstrating Academic Excellence, the Participant secured 50/50 marks in the End-of-Course Assessment conducted on 15th February 2025, showcasing remarkable subject proficiency.

Certificate ID: APC-DPP/2024-2025/VAC-2/010

Dr. Pavan Kumar Yanamadala
Course Coordinator
Dept. of Pharmacy Practice
Aditya Pharmacy College (A)
Surampalem

ADITYA

Dr. D. Sathis Kumar
Principal
Aditya Pharmacy College (A)
Surampalem

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
PCI AICTE NAAC JNTUK ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

FOCUS ON EDUCATION, EARLY DETECTION & PREVENTION STRATEGIES AGAINST CERVICAL AND BREAST CANCER IN WOMEN.

DAY 1 (20/1/25) - Dr J.B.Narendra

DAY 2 (21/1/25) - Dr M. Karthik

DAY 3 (22/1/25)- Dr P.S.V.M. Deepika

DAY 4 (23/1/25)- Ms P. Ratnakumari

DAY 5 (24/1/25)- Ms P. Ratnakumari

VENUE – SEMINAR HALL, APC

TOPICS

Day 1 : Introduction to Principles of Cervical & Breast cancer

Day 2: Clinical Investigation & Imaging techniques for Cervical & Breast Cancers.

Day 3: Strategies for Global Cervical & Breast Cancer Prevention.

Day 4: Early Detection of Cervical & Breast cancer techniques .

Day 5: Impact of Vaccines in Preventing Cancer.

LIMITED SEATS AVAILABLE

For More Information :

Contact Person: Dr.P.S.V.M.Deepika

Phone Number: 7032460883

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
- Approved by PCI, New Delhi - Accredited by NAAC "A"Grade
- Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

PROPOSAL FOR AWARENESS PROGRAM ON CERVICAL AND BREAST CANCER

To
The Principal
Aditya Pharmacy College
[Surampalem, Kakinada]

Subject: Proposal for Awareness Program on Cervical and Breast Cancer:Education,Early detection and Prevention Strategies.

Respected Sir,
I am writing to propose an awareness and education initiative at Aditya Pharmacy College aimed at promoting knowledge, early detection, and prevention of cervical and breast cancer among female students and staff. Given the alarming rise in cancer cases and the critical role of early diagnosis, this initiative is both timely and essential.

Objective of the Program:

- To educate young women about cervical and breast cancer, their risk factors, and symptoms.
- To promote preventive health habits and regular screening.
- To eliminate stigma and misinformation around women's health issues.
- To encourage self-examination and early reporting.

Proposed Activities:

- Health Awareness Seminar: Conducted by oncologists or gynecologists focusing on causes, symptoms, prevention, and screening.
- Educational Workshop: Demonstrations on breast self-examination (BSE) and HPV vaccine awareness.
- Screening Camp (Optional): Collaborate with local hospitals to offer cervical (Pap smear) and breast screening.
- Dissemination of IEC Materials: Brochures, posters, and digital content to spread accurate health information.
- Q&A Session and Testimonials: Interactive sessions to address doubts and share real-life survivor stories.

Target Group:

Female students, teaching and non-teaching staff of Aditya Pharmacy College.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

18/11/23
PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
- Approved by PCI, New Delhi - Accredited by NAAC "A"Grade
- Permanently Affiliated to JNTUK, Kakinada
Ph: 98665 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in
Aditya Nagar, ADB Road, Surampalem – 533437, Kakinada Dist., A.P., INDIA.

Expected Outcome:

- Enhanced awareness and proactive health-seeking behavior.
- Reduction in fear and stigma associated with cancer screening.
- Empowerment of women to take control of their health.

We believe that Aditya Pharmacy College, being a health-focused institution, is an ideal platform for such an impactful initiative. With your kind support and approval, we aim to schedule this program at your earliest convenience.

Thank you for considering this proposal. We look forward to your encouragement and support.

COURSE COORDINATOR,
P.V.M.DEEPIKA

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

Date: 18-01-2025

CIRCULAR

This is to inform all II,III,IV PharmD students that Department of Pharmacy Practice conducting a five-day short courseon **" Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."** From 20/01/25 to 24/01/25. The interested students can register for the course on or before 20-01-2025.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE
PCI AICTE NAAC JNTUK ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

REGISTRATION FORM

NAME	ALLU KAVITHA
Roll No.	2136111 0002
Course (B.Pharm/M.Pharm/Pharma D)	Pharm.D
Year	IV year
Registration for	Focus on Education, Early detection & prevention Strategies against cervical and breast cancer in women.
Duration	20/01/25 - 24/01/25

Declaration: *I am willing to participate in the training program.*

Student Signature: A Kavitha

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

COURSE TITTLE: Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN.

Student Registration list

DATE: 20-01-2025 TO 24-01-2025

S.NO	REG. NO.	NAME OF THE CANDIDATE	SIGNATURE
1	213G1T0001	ABBURI SRI SATYA SHINNEY	Shinney
2	213G1T0002	ALLU KAVITHA	Kavitha
3	213G1T0003	BALLA SRI KRISHNA VENI	Sri krishnaveni
4	213G1T0004	BORUSU BALAVENDRA SRINIVAS	Srinivas
5	213G1T0005	CHANDANA JAHNAVI	Jahnavi
6	213G1T0006	DHAUMYA MAHAPATRA	Dhaumya
7	213G1T0007	DIPCHAND SHIT	Dipchand.
8	213G1T0008	DONA SATYA SRIHARSHA ARADADI	Dona.A
9	213G1T0009	GURRALA DIVYASRI	Divya Sri
10	213G1T0010	JANIPALLI SAMYA	Samya
11	213G1T0011	JYOTIRMOY PATI	JYOTIRMOY
12	213G1T0012	KANURI VEERA MADHAVA LAKSHMI	Madhavi
13	213G1T0013	KAVYA NAGA PRAVEENA JAKKA	Praveena
14	213G1T0014	KOPPISETTI ISWARYA VANI	Iswaryavani
15	213G1T0015	MD ASIF	MD Asif
16	213G1T0016	MUDAVATH PRASANTH NAIK	Prasanth
17	213G1T0017	PARIMI LIKITHA	Likitha
18	213G1T0018	RAMOJU LAKSHMI DEVI LAHARI	Lahari
19	213G1T0019	RAMOJU LAKSHMI DEVI LAHARI	Lahari
20	213G1T0020	VATRAPU MANIKANTA REDDY	Manikanta

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

21	203G1T0001	ACHANTA LOKESH	Lokesh
22	203G1T0002	B SARA AISWARYA	Aiswarya
23	203G1T0003	B MOUNIKA	Mounika
24	203G1T0004	CH KAMALA	Kamala
25	203G1T0005	D L MAHESWARI	Maheswari
26	203G1T0006	E SUSHMA	Sushma
27	203G1T0007	G SHREYA RAJ	Shreyaraj
28	203G1T0008	G HIMA BINDU	Hima
29	203G1T0010	K SRAVAN SAI	Sravan
30	203G1T0011	MERUGU DIVYA	Divya
31	203G1T0012	PETTA SHINY	Shiny
32	203G1T0013	PINIPE MERCY	Mercy
33	203G1T0016	RAJANA PADMAJA	Padmaja
34	203G1T0017	R PRIYANKA	Priyanka
35	203G1T0018	RITON SHIL	Ritonshil
36	203G1T0019	S P S MAHALAKSHMI	Mahalakshmi
37	203G1T0020	SOWJANYA GANDI	Sowjanya
38	203G1T0021	T PHANINDHRA YELCHURI	Phanidhra
39	203G1T0022	T MANJARI	Manjari
40	203G1T0023	K E SAI KIRAN	Kiran
41	203G1T0025	M MOHAMMAD MOZADDEDI	Modi
42	223G1T0001	AKASH SARKAR	Akash
43	223G1T00011	G.DHANA POOJITHA	Dhana
44	223G1T00012	G.MANI KARTHIK	Karthik
45	223G1T00023	PANDI DHANYA	Dhanya
46	223G1T00028	SWATHI RANI	Swathi

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

FOCUS ON EDUCATION, EARLY DETECTION & PREVENTION STRATEGIES AGAINST CERVICAL AND BREAST CANCER IN WOMEN.

COURSE SCHEDULE

MODULE 1

Day 1: Introduction to Principles of Cervical & Breast cancer

Speaker: Dr.J.B Narendra ,Assistant Professor, Aditya Pharmacy College, Surampalem

The Pathological Principles of Cervical & Breast Cancer.

Pharmacological management of Cervical cancer.

Non Pharmacological management & Surgical treatment of Cervix & Breast.

MODULE 2

Day 2: Clinical Investigation & Imaging techniques for Cervical & Breast Cancers.

Speaker: Dr.M Karthik , Aditya Pharmacy college, Surampalem, kakinada.

Etiological factors

Clinical Investigation aspects of Breast & Cervical cancers.

Social awareness in communites of Colleges, Hospitals and various institutions.

MODULE 3

Day 3:Strategies for Global Cervical & Breast Cancer Prevention.

Speaker: Dr.P.Deepika, Assistaint Professor, Aditya Pharmacy College

WHO Guideline Development Group for living clinical practice guidelines for Cancer patients.

MODULE 4

Day 4: Early Detection of Cervical & Breast cancer techniques .

Speaker: Ms P.Ratna kumari, Assistant professor, Aditya Pharmacy college.

WHO Prescribed guidelines for Detection of tumours.

Monitoring parameters of after tumour development.

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

MODULE 5

Day 5: Impact of Vaccines in Preventing Cancer.

Speaker: Ms.P.Ratna kumari , Associate professor, Aditya Pharmacy college.

Course Coordinator.

P.S.V.M.Deepika

PRINCIPAL

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE (A)

COURSE TITTLE: Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN.

Course Period: 20/01/2025-24/01/2025

Attendance Sheet

S. No.	Roll No.	Name of the Student	20/01/2025		21/01/2025		22/01/2025		23/01/2025		24/01/2025	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	213G1T0001	ABBURI SRI SATYA SHINNEY										
2	213G1T0002	ALLU KAVITHA										
3	213G1T0003	BALLA SRI KRISHNA VENI										
4	213G1T0004	BORUSU BALAVENDRA SRINIVAS										
5	213G1T0005	CHANDANA JAHNAVI										
6	213G1T0006	DHAUMYA MAHAPATRA										
7	213G1T0007	DIPCHAND SHIT										
8	213G1T0008	DONA SATYA SRIHARSHA ARADADI										
9	213G1T0009	GURRALA DIVYASRI										
10	213G1T0010	JANIPALLI SAMYA										
11	213G1T0011	JYOTIRMOY PATI										
12	213G1T0012	KANURI VEERA MADHAVA LAKSHMI										
13	213G1T0013	KAVYA NAGA PRAVEENA JAKKA										
14	213G1T0014	KOPPISETTI ISWARYA VANI										
15	213G1T0015	MD ASIF										
16	213G1T0016	MUDAVATH PRASANTH NAIK										
17	213G1T0017	PARIMI LIKITHA										
18	213G1T0018	RAMOJU LAKSHMI DEVI LAHARI										
19	213G1T0019	RAMOJU LAKSHMI DEVI LAHARI										
20	213G1T0020	VATRAPU MANIKANTA REDDY										
21	203G1T0001	ACHANTA LOKESH										
22	203G1T0002	B SARA AISWARYA										
23	203G1T0003	B MOUNIKA										
24	203G1T0004	CH KAMALA										
25	203G1T0005	D L MAHESWARI										
26	203G1T0006	E SUSHMA										
27	203G1T0007	G SHREYA RAJ										
28	203G1T0008	G HIMA BINDU										
29	203G1T0010	K SRAVAN SAI										
30	203G1T0011	MERUGU DIVYA										
31	203G1T0012	PETTA SHINY										
32	203G1T0013	PINIPE MERCY										
33	203G1T0016	RAJANA PADMAJA										
34	203G1T0017	R PRIYANKA										
35	203G1T0018	RITON SHIL										
36	203G1T0019	S P S MAHALAKSHMI										
37	203G1T0020	SOWJANYA GANDI										
38	203G1T0021	T PHANINDHRA YELCHURI										
39	203G1T0022	T MANJARI										
40	203G1T0023	K E SAI KIRAN										
41	203G1T0025	M MOHAMMAD MOZADDEDI										
42	223G1T0001	AKASH SARKAR										
43	223G1T00011	G.DHANA POOJITHA										
44	223G1T00012	G.MANI KARTHIK										
45	223G1T00023	PANDI DHANYA										
46	223G1T00028	SWATHI RANI										

ADITYA PHARMACY COLLEGE, SURAMPALEM

CERTIFICATE ISSUED LIST

COURSE TITTLE: Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN.

DATE: 20/01/2025 TO 24/01/2025

S.NO	REG. NO.	NAME OF THE CANDIDATE	SIGNATURE
1	213G1T0001	ABBURI SRI SATYA SHINNEY	A. Shinney.
2	213G1T0002	ALLU KAVITHA	A. Kavitha
3	213G1T0003	BALLA SRI KRISHNA VENI	B. Srikrishnaveni
4	213G1T0004	BORUSU BALAVENDRA SRINIVAS	B. Srinivas
5	213G1T0005	CHANDANA JAHNAVI	Ch. Jhanavi
6	213G1T0006	DHAUMYA MAHAPATRA	Dhaumya Mahapatra
7	213G1T0007	DIPCHAND SHIT	Dipchand Shit
8	213G1T0008	DONA SATYA SRIHARSHA ARADADI	A. Dona/.
9	213G1T0009	GURRALA DIVYASRI	G. Divyasri
10	213G1T0010	JANIPALLI SAMYA	J. Samya.
11	213G1T0011	JYOTIRMOY PATI	Jyothirmoy
12	213G1T0012	KANURI VEERA MADHAVA LAKSHMI	K. Madhavi
13	213G1T0013	KAVYA NAGA PRAVEENA JAKKA	Praveena.
14	213G1T0014	KOPPISETTI ISWARYA VANI	K. Ishwarya
15	213G1T0015	MD ASIF	Md. Asif
16	213G1T0016	MUDAVATH PRASANTH NAIK	M. Prasanth Naik
17	213G1T0017	PARIMI LIKITHA	Likitha
18	213G1T0018	RAMOJU LAKSHMI DEVI LAHARI	R. Laheri
19	213G1T0019	RAMOJU LAKSHMI DEVI LAHARI	R. Laheri
20	213G1T0020	VATRAPU MANIKANTA REDDY	Manik

ADITYA PHARMACY COLLEGE SURAMPALEM

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

21	203G1T0001	ACHANTA LOKESH	
22	203G1T0002	B SARA AISWARYA	
23	203G1T0003	B MOUNIKA	
24	203G1T0004	CH KAMALA	
25	203G1T0005	D L MAHESWARI	
26	203G1T0006	E SUSHMA	
27	203G1T0007	G SHREYA RAJ	
28	203G1T0008	G HIMA BINDU	
29	203G1T0010	K SRAVAN SAI	
30	203G1T0011	MERUGU DIVYA	
31	203G1T0012	PETTA SHINY	
32	203G1T0013	PINIPE MERCY	
33	203G1T0016	RAJANA PADMAJA	
34	203G1T0017	R PRIYANKA	
35	203G1T0018	RITON SHIL	
36	203G1T0019	S P S MAHALAKSHMI	
37	203G1T0020	SOWJANYA GANDI	
38	203G1T0021	T PHANINDHRA YELCHURI	
39	203G1T0022	T MANJARI	
40	203G1T0023	K E SAI.KIRAN	
41	203G1T0025	M MOHAMMAD MOZADDEDI	
42	223G1T0001	AKASH SARKAR	
43	223G1T00011	G.DHANA POOJITHA	
44	223G1T00012	G.MANI KARTHIK	
45	223G1T00023	PANDI DHANYA	
46	223G1T00028	SWATHI RANI	

PRINCIPAL
ALIYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Focus on Education, early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN

Course Period: 20-01-2025 to 24-01-2025

1. What is the most common screening test used for early detection of cervical cancer?

A. Mammography
B. Pap smear
C. MRI
D. Colonoscopy

2. At what age is it generally recommended for women to begin routine mammography screening for breast cancer?

A. 20 years
B. 30 years
C. 40 years
D. 60 years

3. Which virus is most commonly associated with the development of cervical cancer?

A. HIV
B. Epstein-Barr virus
C. Human papillomavirus (HPV)
D. Herpes simplex virus

4. What is the purpose of the HPV vaccine in women?

A. To prevent ovarian cysts
B. To treat cervical cancer
C. To prevent HPV infection
D. To reduce breast lumps

5. Which of the following is NOT a risk factor for breast cancer?

A. Family history
B. Early menstruation
C. High-fiber diet
D. Hormone replacement therapy

6. Breast self-examination is best performed at which time in the menstrual cycle?

A. During menstruation
B. Immediately after menstruation
C. Mid-cycle (day 14)
D. Anytime is fine

PRINCIPAL
ADITYA PHARMACY COLLEGE
SURAMPALEM-533 437

7. Which of the following symptoms is commonly associated with breast cancer?

A. Breast pain during menstruation
B. Discharge of clear fluid from nipples
C. A hard, immobile lump in the breast
D. Itchy skin around the breast

8. How frequently should women aged 21–65 undergo cervical cancer screening (Pap test), according to standard guidelines?

A. Every year
B. Every 2 years
C. Every 3 years
D. Every 10 years

9. Which lifestyle change can help reduce the risk of breast and cervical cancers?

A. Smoking
B. Excessive alcohol intake
C. Regular physical activity
D. Unprotected sex

10. What is the benefit of combining Pap test with HPV DNA testing in cervical cancer screening?

A. Shorter screening time
B. Reduced cost
C. Increased detection accuracy
D. No benefit

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

COURSE TITTLE: Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN.

DATE: 20-01-2025 to 24-01-2025, VENUE: SEMINAR HALL, ADITYA PHARMACY COLLEGE

5. OUTSTANDING 4.EXCELLENT 3.VERY GOOD 2.GOOD 1.AVERAGE

	20-01-2025	21-01- 2025	22-01-2025	23-01-2025	24-01-2025
Overall feedback on the course	4	4	4	4	4
Overall feedback on the trainer	4	4	4	4	4
How well was the training structured	4	4	4	4	4
How easy was it to understand he content	4	4	4	4	4
How effectively did the trainer manage the group	4	4	4	4	4
How clear were the trainer s presentation skills	4	4	4	4	4
Did the training meet your personal expectations	4	4	4	4	4

PRINCIPAL
ADITYA PHARMACY COLLEGE(A)
SURAMPALEM-533 437

ADITYA
PHARMACY COLLEGE
Approved by AICTE & PCI - NEW DELHI, Affiliated to JNTU KAKINADA
(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
Ph: 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

A REPORT ON

Five days training programme on **"Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN.".**

Course Period: 20.01.2025 to 24.01.2025

Venue: Aditya Pharmacy College, Surampalem.

ADD-ON-PROGRAM OVERVIEW:

The main objective of this five days add-on-program was to give insights **" Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."**

Resource Person::Dr. Karri V.V.S. Narayana Reddy, JSS College of Pharmacy, Ooty.

Title: A five days training add-on-program on **" Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."**

SCHEDULE OF ADD-ON-PROGRAM:

Date:20.01.2025 to 24.01.2025

Course Duration: 5 days (30 hours)

Timing: 09:30A.M to 04:00 P.M

Course Period:20.01.2025 to 24.01.2025

Target Audience:

Students from II,III,IV PHARMD

No of Students Attended: 45

24/1/25

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

Department of Pharmacy Practice conducted a Five days add-on- program on **"Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."**to enhance the knowledge on antibiotics consumption after Covid-19.

Dr. Karri V.V.S. Narayana Reddy, JSS College of Pharmacy, Ootywas invited to be the Resource Person. He conducted the entire programme with the assistance, coordination and in association with Ms.K.Ratna KumariAssociate. Professor , Mr. Pawan kumarAssociate Professor, Dr.P.Deepika Assistant. Professor, Schedule for the programme and Power Point Presentation on **" Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."** was sent to all the faculty members and students. In this program **45**Students were participated.

"Focus on Education,early detection & Prevention strategies against CERVICAL AND BREAST CANCER IN WOMEN."and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.

COURSE CO – ORDINATOR

PRINCIPAL

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

PCI
AICTE
NAAC
JNTUK
ISO

(Formerly known as Aditya College of Pharmacy and Research)
Affiliated to JNTUK, Approved by AICTE & PCI
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

FOCUS ON EDUCATION, EARLY DETECTION AND PREVENTION STRATEGIES AGAINST CERVICAL AND BREAST CANCER IN WOMEN

Certificate of Merit

This to certify that Mr./Ms …A KAVITHA… Student of …IV PHARM D…….

studying in…2024-2025 Academic year. Participated in the seminar titled

TRENDS OF ANTIBIOTIC CONSUMPTION AFTER COVID – 19 PANDEMIC.

P.S.V.M.Deepika

Co-Ordinator

PRINCIPAL

Principal
Aditya Pharmacy College
SURAMPALEM-533437

ADITYA PHARMACY COLLEGE

PCI
JNTUK
NAAC
ISO
AUTONOMOUS

RECENT ADVANCES IN PRE-CLINICAL PHARMACOLOGY

05-08-2024 TO 09-08-2024

WHO CAN ATTEND
III B.PHARMACY STUDENTS

VENUE
SEMINARHALL
ADITYAPHARMACYCOLLEGE(A)

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

office@adityapharmacy.edu.in

LAST DATE FOR REGISTRTION:04-08-2024

ADITYA
PHARMACY COLLEGE
An AUTONOMOUS Institution
Approved by PCI • Affiliated to JNTUK • Accredited by NAAC with "A"Grade
Ph: +91 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

PROPOSAL LETTER

To
The Principal,
Aditya Pharmacy College,
Surampalem.

Dear Sir,

SUB: Request for approval of five -day value added course titled "**Recent advances in pre-clinical pharmacology" – Reg.**

* * *

I am writing to propose the organization of a comprehensive five-day value added course titled "**Recent advances in pre-clinical pharmacology**" scheduled to take place from 05-08-2024 to 09-08-2024. This workshop is designed to enhance the knowledge and skills of participants in the multifaceted areas of pharmacology and drug development and focusing on innovative methodologies and emerging therapeutic agents. This initiative aims to enhance our understanding and application of pharmacological principles in early drug development stages.

Given the rapid advancements in pharmacology, this workshop will not only bolster the current curriculum but also provide valuable professional development for faculty members and a profound learning experience for our students. It will also position our institution as a leader in pharmaceutical education and research.

Emerging trends in pre-clinical drug discovery, Advanced Techniques in Pre-Clinical Pharmacology, Translational Pharmacology by focusing on these areas, we can accelerate the development of safe and effective therapies.

We intend to invite esteemed professionals and academics in the field as guest speakers to enrich the workshop's content and provide networking opportunities for participants. We anticipate that the workshop will attract participants from various sectors, including academia, healthcare, and industry, thereby enhancing our institution's reputation and connections.

Yours faithfully,

Course Coordinator

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

01-08-2024

CIRCULAR

This is to inform all III B. Pharmacy students that Department of Pharmacology is conducting a five-day short course on "RECENT ADVANCES IN PRE- CLINICAL PHARMACOLOGY" from 05/08/24 to 09/08/24. The interested students can register for the course on or before 04-08-2024.

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE
SURAMPALEM
533 437

ADITYA PHARMACY COLLEGE
PCI
AICTE
NAAC
JNTUK
ISO
(Formerly known as Aditya Institute of Pharmaceutical Sciences and Research)
Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

REGISTRATION FORM

NAME	Abhishek Kumar Singh
Roll No.	223G1R001
Course (B.Pharm/M.Pharm/Pharma D)	B. pharm
Year	2024-[illegible] year
Registration for	Recent advances in Pre-clinical pharmacology
Duration	5 days

Declaration: *I am willing to participate in the training program.*

Student Signature:

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Recent advances in Pre- Clinical Pharmacology

Course Period:05-08-24 to 09-08-24 List of students enrolled

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	223G1R0001	ABHISHEK KUMAR SINGH	B.Pharm	III	
2	223G1R0003	AMBATI JAHNAVI KEERTHI	B.Pharm	III	
3	223G1R0004	ANAPARTHI MOURYA SARAN RAJA	B.Pharm	III	
4	223G1R0005	ANSHU MISHRA	B.Pharm	III	
5	223G1R0006	ASTHA SINGH	B.Pharm	III	
6	223G1R0007	ATANU BAG	B.Pharm	III	
7	223G1R0008	BACHALA DIVYA PRASANNA	B.Pharm	III	
8	223G1R0009	BALUSU V S S RADHIKA KIRANMAYEE CHOWDARY	B.Pharm	III	
9	223G1R0010	BANDARU SATYA SAI MALLESWARI	B.Pharm	III	
10	223G1R0011	BATTULA SUNI SRI	B.Pharm	III	
11	223G1R0012	BODDA YASASWINI	B.Pharm	III	
12	223G1R0013	BOKKA NOHITHA SATYA	B.Pharm	III	
13	223G1R0014	CHALLAPALLI VENKATA PAVAN	B.Pharm	III	
14	223G1R0015	CHAPPIDI YESSICA BERNICE ANTHONY	B.Pharm	III	
15	223G1R0016	CHEVVAKULA SAI NAVYA SRI	B.Pharm	III	
16	223G1R0017	CHITTOJI SUBHA SRI	B.Pharm	III	
17	223G1R0018	DANDU DEEKSHITHA	B.Pharm	III	
18	223G1R0020	DASARI SIVA LALITHA	B.Pharm	III	
19	223G1R0021	DEBESH ROY	B.Pharm	III	
20	223G1R0022	DEEKSHA SINHA	B.Pharm	III	
21	223G1R0024	GIDUTHURI CHAITANYA	B.Pharm	III	
22	223G1R0025	GOBINDO GHORAI	B.Pharm	III	
23	223G1R0026	GOMPA LALITHADEVI	B.Pharm	III	
24	223G1R0027	GONTINA NAVYALATHA	B.Pharm	III	
25	223G1R0028	GOURAV DUTTA	B.Pharm	III	
26	223G1R0029	GUTHALA PRAMEELA	B.Pharm	III	
27	223G1R0030	HITHESH GUTHULA	B.Pharm	III	
28	223G1R0032	JUVVALA KASI ANNAPURNA	B.Pharm	III	
29	223G1R0033	KAMIREDDI LAVANYA	B.Pharm	III	
30	223G1R0034	KANCHI DEVI	B.Pharm	III	

PRINCIPAL
Aditya Pharmacy College

ADITYA PHARMACY COLLEGE

Course Title: Recent advances in Pre- Clinical Pharmacology

Course Period:05-08-24 to 09-08-24 List of students enrolled

31	223G1R0035	KANCHUSTAMBAM SATYA MEHAR LAVANYA	B.Pharm	III	K.S.M.Lavanya
32	223G1R0037	KANKATALA SAI DURGA	B.Pharm	III	K-Saidurga
33	223G1R0039	KAPPALA DIVYA	B.Pharm	III	K. Divya
34	223G1R0040	KARE PUJITHA	B.Pharm	III	K. Pujitha
35	223G1R0041	KARMOKAR SHEELA	B.Pharm	III	K. Sheela
36	223G1R0042	KARRI BHIMESWARI BHAVANI	B.Pharm	III	K. Bhavani
37	223G1R0043	KARRI VASANTHI GANGA	B.Pharm	III	K. Vasanthi Ganga
38	223G1R0044	KODU BHARATHKUMAR	B.Pharm	III	K Bharath
39	223G1R0045	KOLLAPU NIKESH VARMA	B.Pharm	III	K. Nikesh varma
40	223G1R0046	KOLLIMALLA VAISHNAVI	B.Pharm	III	K. VAISHNAVI
41	223G1R0048	KONDEPUDI SANTHOSH	B.Pharm	III	K. Santhosh
42	223G1R0049	KOPPIREDDY DATTAKUMARI	B.Pharm	III	K. Datta Kumari
43	223G1R0050	KOPPISETTI HEMA SURYA LAKSHMI	B.Pharm	III	K. H. Surya Lakshmi
44	223G1R0051	KORUMILLI JAYA DURGA KARTHIKEYA	B.Pharm	III	K. J. D. Kathikeya
45	223G1R0052	KOTTAKOTA SRI RANGANADHAM	B.Pharm	III	K. S. Ranadham
46	223G1R0054	KOVVURI MYDHILY TRIDEVI	B.Pharm	III	K. Mydhily
47	223G1R0055	KUDA LOKESH KUMAR	B.Pharm	III	K. Lokesh
48	223G1R0056	KUDUPUDI BHARGAVI SOWMYA	B.Pharm	III	K B Sowmya
49	223G1R0057	KUKKA UMA NAGA SURYA VENKAT	B.Pharm	III	K. Venkat
50	223G1R0059	MADDIPATI SRI SAI ADITYA	B.Pharm	III	M. S. S. Aditya

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

Ph: +91 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

COURSE SCHEDULE

"RECENT ADVANCES IN PRE-CLINICAL PHARMACOLOGY"

Day 1: Introduction to pre-clinical pharmacology:

Speaker: Dr. P.S.S. Sai Kiran, Assistant Professor, Aditya Pharmacy College, Surampalem

Introduction to pre-clinical pharmacology

Helps in determination of drug safety

Helps in determination of drug efficacy

Day 2: Emerging trends in pre-clinical drug discovery:

Speaker: Mr. S. Nageswara Rao, Assistant Professor, Aditya Pharmacy College

Overview of the drug discovery.

Recent shifts in preclinical R& D

Role of AI in early drug screening

Day 3: **Advanced Techniques in Pre-Clinical Pharmacology**

Speaker: Mrs. G. Prasanthi, Assistant Professor, Aditya Pharmacy College

Omics technologies in drug discover

Single-cell analysis and spatial transcriptomics

Advancements in animal models for pharmacological research

Day 4: Translational Pharmacology:

Speaker: Mrs. T. Gowthami, Assistant Professor, Aditya Pharmacy College, Surampalem

Bridging pre-clinical and clinical pharmacology

Designing translational studies

Regulatory considerations for IND submission

Pharmacokinetic and pharmacodynamic modeling

Day 5: Emerging Trends and Technologies

Speaker: Mr. S. Nageswara Rao, Assistant Professor, Aditya Pharmacy College, Surampalem

Artificial intelligence in drug discovery

3D cell culture models and organ-on-a-chip technologies

Advancements in drug delivery systems

Sustainability in pharmacological research

ADITYA PHARMACY COLLEGE SURAMPALEM-533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Recent advances in Pre- Clinical Pharmacology

Course Period: 05-08-24 to 09-08-24

Attendance Sheet

S.No.	Roll No.	Name of the Student	05.08.24		06.08.24		07.08.24		08.08.24		09.08.24	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	223G1R0001	ABHISHEK KUMAR SINGH										
2	223G1R0003	AMBATI JAHNAVI KEERTHI										
3	223G1R0004	ANAPARTHI MOURYA SARAN RAJA										
4	223G1R0005	ANSHU MISHRA										
5	223G1R0006	ASTHA SINGH										
6	223G1R0007	ATANU BAG										
7	223G1R0008	BACHALA DIVYA PRASANNA										
8	223G1R0009	BALUSU V S S RADHIKA KIRANMAYEE CHOWDARY										
9	223G1R0010	BANDARU SATYA SAI MALLESWARI										
10	223G1R0011	BATTULA SUNI SRI										
11	223G1R0012	BODDA YASASWINI										
12	223G1R0013	BOKKA NOHITHA SATYA										
13	223G1R0014	CHALLAPALLI VENKATA PAVAN										
14	223G1R0015	CHAPPIDI YESSICA BERNICE ANTHONY										
15	223G1R0016	CHEVVAKULA SAI NAVYA SRI										
16	223G1R0017	CHITTOJI SUBHA SRI										
17	223G1R0018	DANDU DEEKSHITHA										
18	223G1R0020	DASARI SIVA LALITHA										
19	223G1R0021	DEBESH ROY										
20	223G1R0022	DEEKSHA SINHA										
21	223G1R0024	GIDUTHURI VAITANYA										
22	223G1R0025	GOBINDO GHORAI										
23	223G1R0026	GOMPA LALITHADEVI										
24	223G1R0027	GONTINA NAVYALATHA										
25	223G1R0028	GOURAV DUTTA										
26	223G1R0029	GUTHALA PRAMEELA										

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Recent advances in Pre- Clinical Pharmacology

Course Period: 05-08-24 to 09-08-24

Attendance Sheet

27	223G1R0030	HITHESH GUTHULA									
28	223G1R0032	JUVVALA KASI ANNAPURNA									
29	223G1R0033	KAMIREDDI LAVANYA									
30	223G1R0034	KANCHI DEVI									
31	223G1R0035	KANCHUSTAMBAM SATYA MEHAR LAVANYA									
32	223G1R0037	KANKATALA SAI DURGA									
33	223G1R0039	KAPPALA DIVYA									
34	223G1R0040	KARE PUJITHA									
35	223G1R0041	KARMOKAR SHEELA									
36	223G1R0042	KARRI BHIMESWARI BHAVANI									
37	223G1R0043	KARRI VASANTHI GANGA									
38	223G1R0044	KODU BHARATHKUMAR									
39	223G1R0045	KOLLAPU NIKESH VARMA									
40	223G1R0046	KOLLIMALLA VAISHNAVI									
41	223G1R0048	KONDEPUDI SANTHOSH									
42	223G1R0049	KOPPIREDDY DATTAKUMARI									
43	223G1R0050	KOPPISETTI HEMA SURYA LAKSHMI									
44	223G1R0051	KORUMILLI JAYA DURGA KARTHIKEYA									
45	223G1R0052	KOTTAKOTA SRI RANGANADHAM									
46	223G1R0054	KOVVURI MYDHILY TRIDEVI									
47	223G1R0055	KUDA LOKESH KUMAR									
48	223G1R0056	KUDUPUDI BHARGAVI SOWMYA									
49	223G1R0057	KUKKA UMA NAGA SURYA VENKAT									
50	223G1R0059	MADDIPATI SRI SAI ADITYA									

ADITYA PHARMACY COLLEGE

PRINCIPAL
Aditya Pharmacy College

233G1R0001

ADITYA PHARMACY COLLEGE

Course Title: "Recent advances in pre-clinical pharmacology"

05-08-2024 to 09-08-2024

8/10

1.Which technology is being developed to create digital replicas of tissues and organs for drug testing? (D)

A) CRISPR-Cas9
B) Digital twins
C) 3D printing
D) Nanotechnology

2.Which of the following is a key feature of large language models (LLMs) in drug discovery? (B)

A) They replace all experimental studies.
B) They assist in interpreting complex biomedical data and predicting drug efficacy.
C) They are limited to analyzing chemical structures.
D) They are only used in clinical trials.

3.Which of the following best describes the role of Quantitative Systems Pharmacology (QSP) in preclinical drug development? (B)

A) It uses mathematical models to simulate drug interactions and disease processes.
B) It focuses solely on in vitro testing.
C) It replaces animal testing entirely.
D) It is limited to pharmacokinetic studies.

4.Which technique is used to identify and validate protein–small molecule interactions in drug discovery? (B)

A)Dynamic Combinatorial Chemistry
B) Chemoproteomics
C) Quantitative Systems Pharmacology
D) Chemogenomics

5.Which of the following is a key feature of preclinical pharmacology studies? (B)

A) Conducting human clinical trials
B) Determining the pharmacokinetic profile and safety of drug candidates
C) Marketing approved drugs
D) Analyzing patient feedback

6.Pharmacogenomics primarily focuses on: (B)

A) The study of drug interactions
B)The development of new drug delivery systems
C) The role of the genome in drug response
D) The synthesis of pharmaceutical compounds

7.What is the primary goal of translational pharmacology? (B)

A) To develop new drug formulations
B) To bridge the gap between laboratory research and clinical application
C) To conduct clinical trials
D) To market pharmaceutical products

8. Which of the following is an example of an in vitro model used in translational pharmacology? (B)

A) Animal testing
B) Human clinical trials
C) Cell culture systems
D) Epidemiological studies

9.Which technology involves creating miniature, lab-grown human organs to simulate physiological responses for drug testing? (A)

A) Organ-on-a-chip
B) 3D cell culture
C) In silicomodeling
D) Chemogenomics

10.Which of the following is NOT typically a focus of preclinical pharmacology? (C)

A) Drug absorption and distribution
B) Drug metabolism and excretion
C) Drug marketing and sales strategies
D) Drug toxicity and safety assessments

ADITYA PHARMACY COLLEGE SIRAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SIRAMPALEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

22361|R0001

FEED BACK FORM

Title: "Recent advances in pre–clinical pharmacology"

Date: 05-08-2024 to 09-08-2024, Venue: APC Seminar hall, Aditya Pharmacy College

5. Outstanding 4.Excellent 3.Very Good 2.Good 1.Average

	05-08-2024	06-08-2024	07-08-2024	08-08-2024	09-08-2024
Overall feedback on the course	5	5	4	5	5
Overall feedback on the trainer	4	4	4	5	4
How well was the training structured	5	4	5	5	4
How easy was it to understand he content	4	4	4	4	5
How effectively did the trainer manage the group	3	4	4	4	4
How clear were the trainer's presentation skills	4	4	4	5	4
Did the training meet your personal expectations	4	5	4	4	4

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

Ph: +91 98665 76663
Email: office@adityapharmacy.edu.in
Website: www.adityapharmacy.edu.in

REPORT

Five days training programme on **"Recent advances in pre-clinical pharmacology".**

Course Period	:	05.08.2024 to 09.08.2024
Venue	:	Aditya Pharmacy College, Surampalem.

ADD-ON-PROGRAM OVERVIEW:

The main objective of this five days add-on-program was to give insights **"Recent advances in pre-clinical pharmacology."**

Resource Person:

Dr. S. Nageswara Rao, Assistant Professor, Aditya Pharmacy College, Surampalem

Title: A five days training add-on-program on **"Recent advances in pre-clinical pharmacology."**

SCHEDULE OF ADD-ON-PROGRAM:

Date	:	05.08.2024 to 09.08.2024
Course Duration	:	5 days (30 hours)
Timing	:	09:30A.M to 04:00 P.M
Course Period	:	05.08.2024 to 09.08.2024
Target Audience	:	Students from III-B. Pharmacy
No of Students Attended	:	**50**

Department of Pharmacology conducted a Five days add-on- program on **"Recent advances in pre-clinical pharmacology"** to enhance the knowledge on advances in pre –clinical pharmacology

Dr. S Nageswara Rao Aditya Pharmacy College was invited to be the Resource Person. He has conducted the entire programme with the assistance, coordination and in association with Dr. P.S.S Sai kiran, Assistant Professor, Mrs. G. Prasanti, Assistant Professor, Mrs. T.Gowthami, Assistant Professor, K.Sudharani, Assistant Professor. Schedule for the programme and Power Point Presentation on **"Recent advances in pre-clinical pharmacology."** was sent to all the faculty members and students. In this program **50** Students were participated.

The speakers delivered the power point presentation" **Recent advances in pre-clinical pharmacology"** and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.

COURSE CO – ORDINATOR

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Recent Advances in Pre- Clinical Pharmacology

Course Period: 05-08-24 to 09-08-24 Certificate Issued List

S.No.	Roll No.	Name of the Student	Signature
1	223G1R0001	ABHISHEK KUMAR SINGH	A. Kumar Singh
2	223G1R0003	AMBATI JAHNAVI KEERTHI	Keerthi
3	223G1R0004	ANAPARTHI MOURYA SARAN RAJA	Mourya
4	223G1R0005	ANSHU MISHRA	Anshu Mishra
5	223G1R0006	ASTHA SINGH	Singh
6	223G1R0007	ATANU BAG	Bag
7	223G1R0008	BACHALA DIVYA PRASANNA	B. Divyaprasanna
8	223G1R0009	BALUSU V S S RADHIKA KIRANMAYEE	B. Radhika Kiranmayee
9	223G1R0010	BANDARU SATYA SAI MALLESWARI	B.S.S. Malleswari
10	223G1R0011	BATTULA SUNI SRI	Suni Sri
11	223G1R0012	BODDA YASASWINI	B. Yasaswini
12	223G1R0013	BOKKA NOHITHA SATYA	B. Nohithasatya
13	223G1R0014	CHALLAPALLI VENKATA PAVAN	Ch. Pavan
14	223G1R0015	CHAPPIDI YESSICA BERNICE ANTHONY	Anthony
15	223G1R0016	CHEVVAKULA SAI NAVYA SRI	Ch. Sai Navya Sri
16	223G1R0017	CHITTOJI SUBHA SRI	Ch. Subhasri
17	223G1R0018	DANDU DEEKSHITHA	T. Deeksh
18	223G1R0020	DASARI SIVA LALITHA	Siva Lalitha
19	223G1R0021	DEBESH ROY	Roy
20	223G1R0022	DEEKSHA SINHA	Sinha
21	223G1R0024	GIDUTHURI CHAITANYA	G. Chaitanya
22	223G1R0025	GOBINDO GHORAI	G. Ghorai
23	223G1R0026	GOMPA LALITHADEVI	G. Lalitha Devi
24	223G1R0027	GONTINA NAVYALATHA	G. Navya
25	223G1R0028	GOURAV DUTTA	Dutta
26	223G1R0029	GUTHALA PRAMEELA	Prameela
27	223G1R0030	HITHESH GUTHULA	Hithesh
28	223G1R0032	JUVVALA KASI ANNAPURNA	J.K. Annapurna
29	223G1R0033	KAMIREDDI LAVANYA	K. Lavanya
30	223G1R0034	KANCHI DEVI	K. Devi
31	223G1R0035	KANCHUSTAMBAM SATYA MEHAR	K.S.M. Lavanya
32	223G1R0037	KANKATALA SAI DURGA	K. Sai Durga
33	223G1R0039	KAPPALA DIVYA	K. Divya
34	223G1R0040	KARE PUJITHA	K. Pujitha
35	223G1R0041	KARMOKAR SHEELA	K. Sheela
36	223G1R0042	KARRI BHIMESWARI BHAVANI	K. Bhavani
37	223G1R0043	KARRI VASANTHA GANGA	K. Vasanthi ganga
38	223G1R0044	KOIDU BHARATHKUMAR	K. Bharath
39	223G1R0045	KOLLAPU NIKESH VARMA	K. Nikesh varma
40	223G1R0046	KOLLIMALLA VAISHNAVI	K. VAISHNAVI
41	223G1R0048	KONDEPUDI SANTHOSH	K. Santhosh
42	223G1R0049	KOPPIREDDY DATTAKUMARI	K. Datta Kumari
43	223G1R0050	KOPPISETTI HEMA SURYA LAKSHMI	K.H. Surya Lakshmi

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Recent Advances in Pre- Clinical Pharmacology

Course Period: 05-08-24 to 09-08-24 Certificate Issued List

44	223G1R0051	KORUMILLI JAYA DURGA KARTHIKEYA	K.J.D. Karthikeya
45	223G1R0052	KOTTAKOTA SRI RANGANADHAM	K. S. Ranganadham
46	223G1R0054	KOVVURI MYDHILY TRIDEVI	K.M. Tridevi
47	223G1R0055	KUDA LOKESH KUMAR	K. Lokesh Kumar
48	223G1R0056	KUDUPUDI BHARGAVI SOWMYA	K.B. Sowmya
49	223G1R0057	KUKKA UMA NAGA SURYA VENKAT	K. Venkat
50	223G1R0059	MADDIPATI SRI SAI ADITYA	M.S.S. Aditya

ADITYA PHARMACY COLLEGE SURAMPALEM 533 437

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM 533 437

ADITYA PHARMACY COLLEGE (A)

SURAMPALEM

CERTIFICATE

This certificate declares that

ABHISHEK KUMAR SINGH

223G1R0001, III/IV B.PHARMACY

in recognition of his/her participation and completion of

A FIVE-DAY VALUE ADDED PROGRAMME ENTITLED " RECENT ADVANCES IN PRE-CLINICAL PHARMACOLOGY" (05th August to 09th August, 2024) and got evaluated on 09th of August, 2024

Program Co-ordinator,
Department of Pharmacology

PRINCIPAL

UGC AUTONOMY