



ADITYA PHARMACY COLLEGE

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(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

1.2.2 Number of Add on/Certificate programs offered during 2022- 2023

1.2.3 Average percentage of students enrolled in Add on/Certificate programs as against the total number of students during 2022- 2023

Name of Add on /Certificate programs offered	Course code (If any)	Year of offering	No. of times offered the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year
A study on Analytical Procedures, instrumentation & C H N S Analysis and Raman Spectroscopy.	MPA102T	III B Pharm	1	30 hours	37	37
Analytical Techniques in separation Science	BP701T	III YEAR Pharm D	1	30 hours	20	20
Applications of Spectroscopy in the Evaluation and Standardization of Herbal Products.	BP603T BP609P	II B Pharm	1	30 hours	38	38
Short Course on alternatives to animal testing	BP602T BP608P	III YEAR Pharm D	1	30 hours	20	20
Chemistry in times of Artificial intelligence	BP 601T	IV B Pharm	1	30 hours	43	43
Applications of CHEMDRAW as an analytical tool	BP 601T	VI YEAR Pharm D & B. Pharm	1	30 hours	53	53



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SURAMPALEM-533 437



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ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
A study on Analytical Procedures, instrumentation & C H N S Analysis and Raman Spectroscopy.	III B Pharm	37	Self – Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE




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SURAMPALEM-533 437

COURSE NAME:

A STUDY ON ANALYTICAL PROCEDURES AND C, H, N AND S ANALYSIS & RAMAN SPECTROSCOPY

Course Duration: 5days

Course Dates

07-11-22 to 11-11-22

Course Schedule

Day 1: Introduction

Importance of elemental analysis
as per ICH guidelines

Day 2 : Identification potential impurities

Day 3: ICP-MS

Day 4 : Raman Spectroscopy mechanism

Day 5 : Test & Evaluation

Venue

Central Instrumentation Lab
Aditya Pharmacy College

Resource Person:

Dr.P.Sreeram Murthy

Principal & Professor,
KITS College of Pharmacy for Women

DIVILI.

No
Registration
Fee



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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

Dt: 24-10-2022

To,
The Principal,
Aditya Pharmacy College,
Surampalem,

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on "A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy "-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 "A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy" which may give new out come as separation from mixtures. This training will benefit students both theoretically and practically. In this regard, we request your permission to proceed.

Resource Person:

Dr.P.Sriram Murthy
M.Pharm., Ph.D
Principal & Professor,
KITS College of Pharmacy for women,
Divili.


Course Coordinator




Approved by
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Website: www.adityapharmacy.edu.in

Date: 02-11-2022

CIRCULAR

This is hereby informed to all the 3rd B.Pharmacy, students that we are going to conduct a five days add on course programme on “A study on analytical procedures and instrumentation & C, H, N, S Analysis & Raman Spectroscopy” from 07-11-2022 to 11-11-2022.

The interested students can register their names for this add on course on or before 05-11-2022.




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REGISTRATION FORM

NAME	A. V. Anupama
Roll No.	203G1R0003
Course (B.Pharm/M.Pharm/Pharma D)	B. pharmacy
Year	3 rd year
Registration for	A study on Analytical procedures & instrumentation of CHNS Analysis & Raman Spectroscopy
Duration	5 days

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

A. V. Anupama
Student Signature:



Aditya Pharmacy College
Surampalem - 533 437

A green handwritten signature, possibly "R", with a long horizontal stroke extending to the right.

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ACADEMIC YEAR: 2022-2023

COURSE SCHEDULE

COURSE NAME: A study on analytical procedures and instrumentation & C, H,N,S
Analysis& Raman Spectroscopy

Course Objective:

(30 Hrs)

- To Understand the elements and its analysis in pharmaceuticals
- To Understand the principle
- To understand the Raman spectroscopy technique for pharmaceutical development

Day 1: 07-11-2022

Module 1:

- Basic aspects of elemental Analysis
- Importance of elemental analysis as per ICH guidelines

Day 2: 08-11-2022

Module II:

- Source of impurities
- Potential Impurities

Day 3: 09-11-2022

Module III:

- ICP-MS
- Working and Applications

Day 4: 10-11-2022

Module IV:

- Spectroscopic introduction
- Raman Spectroscopy Principle & Structure elucidation
- Pharmaceutical Applications

Day 5: 11-11-2022

Module V

Test, Evaluation and Certificate Distribution

REFERENCE:

- 1) Biswas, Kamal (2014). *Pharma's Prescription || the Pharmaceutical Value Chain—an Introduction*. 9–65. doi:10.106/B978-0-12-407662-4.00002-7.
- 2) Kettering, C. F.; Shultz, L. W.; Andrews, D. H. *Phys. Rev.* 1930, 36, 531.
- 3) Colthup, N. B. *J. Chem. Educ.* 1961, 38 (8), 394e396.
- 4) Colthup, N. B. *J. Opt. Soc. Am.* 1950, 40 (6), 397e400.
- 5) Socrates, G. *Infrared Characteristic Group Frequencies*, 3rd ed.; John Wiley & Sons: New York, 2001.

Course Outcome:

- To learn about elements and its potential impact on drug development
- To learn about procedures of ICP –MS and its practical application.
- To learn and understand the various parameters and its specifications


Course Co-Ordinator




Principal

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ADITYA PHARMACY COLLEGE

Course Title: "A STUDY ON ANALYTICAL PROCEDURES AND INSTRUMENTATION
OF CHNS ANALYSIS AND RAMAN SPECTROSCOPY"

Course Period: 07-11-2022 to 11-11-2022

List of students registered for the course

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1R0001	AAVALA DEEPIKA	B.PHARM	III	A. Deepika
2	203G1R0003	ADHIKARI VARSHA ANUPAMA	B.PHARM	III	A.V. Anupama
3	203G1R0004	ALLIMPALLI MADHURI DEVI	B.PHARM	III	A. Madhuri Devi
4	203G1R0005	ALLU KESAVARDHINI	B.PHARM	III	A. Kesavardhini
5	203G1R0012	BORRA VIGNITA	B.PHARM	III	B. Vignita
6	203G1R0016	CHINTHA GAYATHRI MANISHA	B.PHARM	III	ch. manisha
7	203G1R0024	GEESALA AMUKTHA	B.PHARM	III	G. Amuktha
8	203G1R0025	GRANDHI LAKSHMI VAISHNAVI	B.PHARM	III	G. Vaishnavi
9	203G1R0026	GUBBALA KEERTHI	B.PHARM	III	G. Keerthi
10	203G1R0029	GURUBILLI SIVAKUMAR	B.PHARM	III	G. Sivakumar
11	203G1R0030	IMMIDISETTI TEJASWINI	B.PHARM	III	T. Tejaswini
12	203G1R0034	KALADI DEEPIKA	B.PHARM	III	K. Deepika
13	203G1R0035	KALADI SATYA SRI	B.PHARM	III	K. Satya Sri
14	203G1R0036	KANDULA D V L SURENDRA	B.PHARM	III	K.D.V.L. Surendra
15	203G1R0039	KEDARISETTI N S SATYAKUMARI	B.PHARM	III	K. N. S. Satyakumari
16	203G1R0042	KOSANAM SIVAGANGA	B.PHARM	III	K. Sivaganga
17	203G1R0044	MATCHA SAILAJA	B.PHARM	III	M. Sailaja
18	203G1R0048	NALLAMELLI ANITHA	B.PHARM	III	N. Anitha
19	203G1R0055	SEELA PRADEEP	B.PHARM	III	S. Pradeep
20	203G1R0057	SETTI AMRUTHA SRI	B.PHARM	III	S. Amrutha Sri
21	203G1R0061	TADALA MANIKANTA	B.PHARM	III	T. Manikanta
22	203G1R0064	YALAGAPATI SONAPADMINI	B.PHARM	III	Y. Sonapadmini
23	203G1R0068	LAKSHMI RATNA SREE KANCHARLA	B.PHARM	III	L. Ratna Sree
24	203G1R0071	PRIYANKA CHOUDHARY	B.PHARM	III	P. Priyanka Choudhary
25	203G1R0072	RAUSHAN KUMAR YADAV	B.PHARM	III	R. Raushan Kumar
26	203G1R0074	PAWAN KUMAR	B.PHARM	III	P. Pawan Kumar
27	203G1R0075	SIMRAN	B.PHARM	III	S. Simran
28	203G1R0076	PREMABATI KUMARI SINGH	B.PHARM	III	P. Premabati
29	203G1R0077	PRATIYUSH SRIVASTAVA	B.PHARM	III	P. Pratiyush
30	203G1R0082	RABINDRA PRASAD YADAV	B.PHARM	III	R. Rabindra Prasad
31	203G1R0085	NARAYAN YADAV	B.PHARM	III	N. Narayan
32	203G1R0086	SONU TELI	B.PHARM	III	S. Sonu Teli
33	203G1R0089	U L S TULASI KOTHAPALLI	B.PHARM	III	U. L. S. Tulasi
34	203G1R0090	KOPPULA MANASWI	B.PHARM	III	K. Manaswi
35	203G1R0091	RAJANA ALEKHYA	B.PHARM	III	R. Alekhyar
36	203G1R0093	RABINDRA KUMAR CHAUDHARY	B.PHARM	III	R. Rabindra Kumar
37	203G1R0099	CHALLAPALLI UDAYA SANDHYA	B.PHARM	III	C. Udaya Sandhya

Course Coordinator



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ADITYA PHARMACY COLLEGE

Course Title: "A STUDY ON ANALYTICAL PROCEDURES AND INSTRUMENTATION
OF CHNS ANALYSIS AND RAMAN SPECTROSCOPY"

Course Period: 07-11-2022 to 11-11-2022

Attendance Sheet

S.No.	Roll No.	Name of the Student	07-11-22		08-11-22		09-11-22		10-11-22		11-11-22	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	203GIR0001	AAVALA DEEPIKA	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika	A. Deepika
2	203GIR0003	ADHIKARI VARSHA ANUPAMA	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama	A.V. Anupama
3	203GIR0004	ALLIMPALLI MADHURI DEVI	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri	A.M. Madhuri
4	203GIR0005	ALLU KESAVARDHINI	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini	A. Kesavardhini
5	203GIR0012	BORRA VIGNITA	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita
6	203GIR0016	CHINTHA GAYATHRI MANISHA	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha	Ch. Manisha
7	203GIR0024	GEESALA AMUKTHA	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha	G. Amuktha
8	203GIR0025	GRANDHI LAKSHMI VAISHNAVI	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi	G. Vaishnavi
9	203GIR0026	GUBBALA KEERTHI	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi	G. Keerthi
10	203GIR0029	GURUBILLI SIVAKUMAR	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar	G. Sivakumar
11	203GIR0030	IMMIDISSETTI TEJASWINI	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini	I. Tejaswini
12	203GIR0034	KALADI DEEPIKA	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika	K. Deepika
13	203GIR0035	KALADI SATYA SRI	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri	K. Satya Sri
14	203GIR0036	KANDULA D V L SURENDRA	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra	K. Surendra
15	203GIR0039	KEDARISSETTI N S SATYAKUMARI	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari	K. N. S. Satyakumari
16	203GIR0042	KOSANAM SIVAGANGA	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga	K. Sivaganga
17	203GIR0044	MATCHA SAILAJA	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja	M. Sailaja
18	203GIR0048	NALLAMELLI ANITHA	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha	N. Anitha
19	203GIR0055	SEELA PRADEEP	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep
20	203GIR0057	SETTI AMRUTHA SRI	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri	S. Amrutha Sri
21	203GIR0061	TADALA MANIKANTA	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta
22	203GIR0064	YALAGAPATI SONAPADMINI	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini	Y. Sonapadmini
23	203GIR0068	LAKSHMI RATNA SREE	Ratna	Ratna	Ratna	Ratna	Ratna	Ratna	Ratna	Ratna	Ratna	Ratna
24	203GIR0071	PRIYANKA CHOUDHARY	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka



Course Coordinator

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Aditya Pharmacy College
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ADITYA PHARMACY COLLEGE

Course Title: "A STUDY ON ANALYTICAL PROCEDURES AND INSTRUMENTATION OF CHNS ANALYSIS AND RAMAN SPECTROSCOPY"

Course Period: 07-11-2022 to 11-11-2022

CERTIFICATES ISSUED LIST

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1R0001	AAVALA DEEPIKA	B.PHARM	III	
2	203G1R0003	ADHIKARI VARSHA ANUPAMA	B.PHARM	III	A.V. Anupama
3	203G1R0004	ALLIMPALLI MADHURI DEVI	B.PHARM	III	A. Madhuri Devi
4	203G1R0005	ALLU KESAVARDHINI	B.PHARM	III	A. Kesavardhini
5	203G1R0012	BORRA VIGNITA	B.PHARM	III	B. Vignita
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7	203G1R0024	GEESALA AMUKTHA	B.PHARM	III	G. Amuktha
8	203G1R0025	GRANDHI LAKSHMI VAISHNAVI	B.PHARM	III	G.L. Vaishnavi
9	203G1R0026	GUBBALA KEERTHI	B.PHARM	III	G. Keerthi
10	203G1R0029	GURUBILLI SIVAKUMAR	B.PHARM	III	G. Sivakumar
11	203G1R0030	IMMIDISETTI TEJASWINI	B.PHARM	III	I. Tejaswini
12	203G1R0034	KALADI DEEPIKA	B.PHARM	III	K. Deepika
13	203G1R0035	KALADI SATYA SRI	B.PHARM	III	K. Satya Sri
14	203G1R0036	KANDULA D V L SURENDRA	B.PHARM	III	K.D.V.V.L. Surendra
15	203G1R0039	KEDARISETTI NAGA SAI SATYAKUMARI	B.PHARM	III	K.N.S. Satyakumari
16	203G1R0042	KOSANAM SIVAGANGA	B.PHARM	III	K. Sivaganga
17	203G1R0044	MATCHA SAILAJA	B.PHARM	III	M. Sailaja
18	203G1R0048	NALLAMELLI ANITHA	B.PHARM	III	N. Anitha
19	203G1R0055	SEELA PRADEEP	B.PHARM	III	S. Pradeep
20	203G1R0057	SETTI AMRUTHA SRI	B.PHARM	III	S. Amrutha Sri
21	203G1R0061	TADALA MANIKANTA	B.PHARM	III	T. Manikanta
22	203G1R0064	YALAGAPATI SONAPADMINI	B.PHARM	III	Sona Padmini
23	203G1R0068	LAKSHMI RATNA SREE KANCHARLA	B.PHARM	III	K. Ratna Sree
24	203G1R0071	PRIYANKA CHOUDHARY	B.PHARM	III	Priyanka
25	203G1R0072	RAUSHAN KUMAR YADAV	B.PHARM	III	Raushan K.R.

26	203G1R0074	PAWAN KUMAR	B.PHARM	III	Pawan
27	203G1R0075	SIMRAN	B.PHARM	III	Simran
28	203G1R0076	PREMABATI KUMARI SINGH	B.PHARM	III	Premabati
29	203G1R0077	PRATIYUSH SRIVASTAVA	B.PHARM	III	Pratiyush
30	203G1R0082	RABINDRA PRASAD YADAV	B.PHARM	III	Rabindra
31	203G1R0085	NARAYAN YADAV	B.PHARM	III	Nayad
32	203G1R0086	SONU TELI	B.PHARM	III	Sonu
33	203G1R0089	U LAKSHMI SATYA TULASI KOTHAPALLI	B.PHARM	III	Tulasi
34	203G1R0090	KOPPULA MANASWI	B.PHARM	III	Manaswi
35	203G1R0091	RAJANA ALEKHYA	B.PHARM	III	R. Alekhyas
36	203G1R0093	RABINDRA KUMAR CHAUDHARY	B.PHARM	III	Rabindra
37	203G1R0099	CHALLAPALLI UDAYA SANDHYA	B.PHARM	III	Ch. Sandhya


 Co-Ordinator



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MCQ

1. What is the full form of CHNS Analyzer?

- A) Carbon, helium, nitrate, sodium
B) Chromium, hydrogen, nitrogen, sulphur
C) Carbon, hydrogen, nitrogen, sulphur
D) Chromium, helium, nitrogen, sulphur

(C)

10

2. What is the Principle involved in CHNS ?

- A) Bronsted lowry
B) Lewis
C) Arrhenius
D) Dumas

(P)

3. Which of the following cant be conserved during Raman scattering

- A) Total energy
B) Momentum
C) K.E
D) Electronic energy

(C)

4. Oxidation of sample takes place by?

- A) Pre heating
B) Flash combustion
C) inssispation
D) Post heating

(B)

5. Raman effect is scattering of

- A) Atoms
B) Molecule
C) Photons
D) Protons

(C)

6. Raman Scattering is done because of

- A) Atmospheric scattering
B) Rayleigh scattering
C) Elastic collision
D) In elastic collision

(D)

7. Which of the following lines are most intense

- A) Stokes line
B) Rayleigh-scattered lines
C) Anti-strokes lines
D) All have same intensity

(B)

8. CHNS principle based on ?

- A) Heating at low temperature
B) Burning at high temperature
C) Burning at high temperature more than 1100°C
D) Burning at 500°C

(C)

9. In Raman Spectroscopy study of compounds takes place due to

- A) Absorption of light
B) Scattering of light
C) Both
D) None

(B)

10. CHNS analysis gives?

- A) % compositions
B) % weight
C) % volume
D) % Height

(B)



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Website: www.adityapharmacy.edu.in

A REPORT ON

Five days training programme on

“A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy”

Course Period: 07.11.2022 to 11.11.2022

Venue: Aditya Pharmacy College

TRAINING PROGRAM OVERVIEW:

The main objective of this five days training programme is to give insights on “A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy”

Resource Person:

Dr,P.Srirama Murthy

Principal & Professor

KITS College of Pharmacy for Women
Divili.

B.Sujiya

Assistant Professor
Aditya Pharmacy College
Surampalem.

Title: A five days training programme on

Schedule of Training Programme

Date: 07.11.2022 to 11.11.2022

Course Duration: 5 days (30 hours)

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

Course Period: 07.08.2022 to 11.11.2022

Target Audience:

Students from 3rd B-pharmacy

No of Students Attended: 37



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Website: www.adityapharmacy.edu.in

Department of Pharmaceutical Analysis conducted a five days Training Program on “A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy” to acquire the knowledge working and applications of elemental and ramanspectroscopy in Pharmaceutical analysis.

Dr.P.Sriram Murthy,M.Pharm.,Ph,D,Principal & Professor, KITS College of Pharmacy for Women,Divili. Attended as resource person. He conducted the entire programme with assistance, coordination of Miss B.Sujiya, Associate Professor. In this program 37 Students participated.

Resource person delivered the power point presentation on “A study on analytical procedures and instrumentation & C, H,N,S Analysis& Raman Spectroscopy” and the participants were given the feedback form.

The programme was concluded with vote of thanks to the resource person.


Corule Co-Ordinator




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ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

203G1R0003

Title: "A STUDY ON ANALYTICAL PROCEDURES AND INSTRUMENTATION OF CHNS
ANALYSIS AND RAMAN SPECTROSCOPY"

Date: 07-11-2022 to 11-11-2022,

Venue: Seminar Hall, Aditya Pharmacy College

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

	07-11-22	08-11-22	09-11-22	10-11-22	11-11-22
Overall feedback on the course	4	5	4	5	5
Overall feedback on the trainer	4	4	5	4	4
How well was the training structured	5	4	5	5	5
How easy was it to understand he content	5	5	4	5	5
How effectively did the trainer manage the group	4	5	5	4	4
How clear were the trainer's presentation skills	4	5	4	4	
Did the training meet your personal expectations	5	4	4	5	



Principal
Aditya Pharmacy College
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Website: www.adityapharmacy.edu.in. Email: office@adityapharmacy.edu.in

CERTIFICATE OF PARTICIPATION

This is to certify that

ADHIKARI VARSHA ANUPAMA
(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2022 on

**“A STUDY ON ANALYTICAL PROCEDURES AND INSTRUMENTATION OF
CHNS ANALYSIS AND RAMAN SPECTROSCOPY”**

organized by *ADITYA PHARMACY COLLEGE* from 07.11.2022 to 11.11.2022

His / Her Participation is highly appreciated.

DR. N. SATISH REDDY

VICE-CHAIRMAN



DR. D. SATHIS KUMAR

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Aditya Nagar, ADB Road, Surampalem, Kakinada District, Andhra Pradesh – 533437
www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
Analytical Techniques in separation Science	III YEAR Pharm D	20	Self – Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE



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COURSE TITLE

ANALYTICAL TECHNIQUE IN SEPAARTION SCIENCE

Dates: 08 to 12 AUG 2022

NO REGISTRATION FEE

COURSE SCHEDEULE

Day-1: Introduction to basic aspects of chromatography

Day-2: Principle and Stationary Phase Properties and instrumentation, its Application

Day-3: Supercritical Fluid Chromatography –Principle

Day-4: Instrumentation , Applications

Day-5: Test , Evaluation and Certificate issue

Venue:

Aditya Pharmacy College, Surampalem

Organized By:

Pharmaceutical Analysis Dept.

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

To,
The Principal,
Aditya Pharmacy College,
Surampalem.

Dt: 29-07-2022

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on
“**Analytical techniques in separation science**”-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 “**Analytical Techniques in Separation Science**” which may give new out come as separation from mixtures. This training will benefit students both theoretically and practically. In this regard, we request your permission to proceed.

Resource Person:

Dr.T.Rajanada Swamy
M.Pharm., Ph.D
Principal & Professor,
St.Mary's College of Pharmacy, Suramapalem.


Course Coordinator




Approved By
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Aditya Pharmacy College
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05-08-2022.

CIRCULAR

This is hereby informed to all the 3rd year PHARMA- D, students that we are going to conduct a five days add on course programme on **Analytical Techniques in Seperation Science** from 08-08-2022 to 12-08-2022.

The interested students can register their names for the add on course on or before 07-08-2022.




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

REGISTRATION FORM

NAME	A. Lokesh
Roll No.	2036170001
Course (B.Pharm/M.Pharm/Pharma D)	Pharma D
Year	III rd year
Registration for	Analytical Techniques in Separation Science
Duration	5 days

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

Student Signature:

A. Lokesh

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

ACADEMIC YEAR: 2022-2023

COURSE SCHEDULE

COURSE NAME: Analytical Technique(s) in Separation Science

Course Objective:

(30 Hrs)

- To Understand the separation of analytes and column chemistry
- To Understand the principle and its components
- To understand the principle and their mobile phase properties
- To understand Applications

Day 1: 08-8-2022

Module 1:

- Basic aspects of chromatography on separation
- Distinguish the UPLC and other techniques

Day 2: 09-8-2022

Module II:

- Principle and column stationary phase properties & Practical Approach
- Instrumentation & UPLC Applications

Day 3: 10-8-2022

Module III:

- Basic Aspects of SFC
- Principle, Mobile Phase & its properties

Day 4: 11-8-2022

Module IV:

- Instrumentation & Applications

Day 5: 12-8-2022

Module V

Test, Evaluation & Certificate distribution

REFERENCE:

1. Admassu, H., Gasmalla, M.A.A., Yang, R., Zhao, W., 2018. Bioactive peptides derived from seaweed protein and their health benefits: antihypertensive, antioxidant, and anti diabetic properties. J. Food Sci. 83 (1), 6–16, <https://doi.org/10.1111/1750-3841.14011>.
2. Aguilar, M., 2006. Reversed phase high performance liquid chromatography in peptide and protein analysis. In: Meyers, R.A., Schyoneich, C. (Eds.), Encyclopedia of Analytical Chemistry. <https://doi.org/10.1002/9780470027318.a1631>.
3. Airanthi, M.K., Masashi, H., Kazuo, M., 2011. Comparative antioxidant activity of edible Japanese brown seaweeds. J. Food Sci. 76 (1), 104–111.
4. Berger T. Packed column SFC. RSC chromatography monographs. Cambridge: The Royal Society of Chemistry; 1995.
5. Sabirzyanov AN, Il'in AP, Akhunov AR, Gumerov FM. Solubility of water in supercritical carbon dioxide. High Temp 2003; 40:2036.
6. Takahashi K. Polymer analysis by supercritical fluid chromatography: review. J Biosci Bioeng 2013; 116:13340.

Course Outcome:

- To learn about basic principle and its separation
- To learn about UPLC and SFC components and its practical application.


Course Co-Ordinator



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ADITYA PHARMACY COLLEGE

Course Title: "ANALYTICAL TECHNIQUES IN SEPERATION SCIENCE"

Course Period: 08-08-2022 to 12-08-2022

List of students registered for the course

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1T0001	ACHANTA LOKESH	PHARM D	III	A. Lokesh
2	203G1T0002	BOMMETI SARA AISWARYA	PHARM D	III	B. Sara Aiswarya
3	203G1T0003	BUDATI MOUNIKA	PHARM D	III	B. Mounika
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	PHARM D	III	D. Lalitha Maheswari
5	203G1T0006	ENJETI SUSHMA	PHARM D	III	E. Sushma
6	203G1T0007	G SHREYA RAJ	PHARM D	III	G. Shreya Raj
7	203G1T0008	GUDIMETTLA HIMA BINDU	PHARM D	III	G. Hima Bindu
8	203G1T0010	KAVURU SRAVAN SAI	PHARM D	III	K. Sravan Sai
9	203G1T0011	MERUGU DIVYA	PHARM D	III	M. Divya
10	203G1T0012	PETTA SHINY	PHARM D	III	P. Shiny
11	203G1T0013	PINPE MERCY	PHARM D	III	P. Mercy
12	203G1T0016	RAJANA PADMAJA	PHARM D	III	R. Padmaja
13	203G1T0017	RAMBUDDI PRIYANKA	PHARM D	III	R. Priyanka
14	203G1T0018	RITON SHIL	PHARM D	III	R. Shil
15	203G1T0019	SANIVARAPU P S MAHALAKSHMI	PHARM D	III	S. P. Mahalakshmi
16	203G1T0020	SOWJANYA GANDI	PHARM D	III	S. Sowjanya G.
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	PHARM D	III	T. Phanindhra Yelchuri
18	203G1T0022	TEKUMUDI MANJARI	PHARM D	III	T. Manjari
19	203G1T0023	KOLLU ESWAR SAI KIRAN	PHARM D	III	K. Eswar Sai Kiran
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	PHARM D	III	Md. Mehdi

Course Coordinator



Principal
PRINCIPAL
 Aditya Pharmacy College
 SURAMPALAM-533 437

ADITYA PHARMACY COLLEGE

Course Title: "ANALYTICAL TECHNIQUES IN SEPERATION SCIENCE"

Course Period: 08-08-2022 to 12-08-2022

Attendance Sheet

S.No	Roll No.	Name of the Student	08-08-22		09-08-22		10-08-22		11-08-22		12-08-22	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	203GIT0001	ACHANTA LOKESH	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh	A. Lokesh
2	203GIT0002	BOMMETI SARA AISWARYA	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha	B.S. Anuradha
3	203GIT0003	BUDATI MOUNIKA	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B	Mounika B
4	203GIT0005	DANDIPATI LALITHA	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha	D. Lalitha
5	203GIT0006	ENJETI SUSHMA	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma	E. Sushma
6	203GIT0007	G SHREYA RAJ	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas	G. Shreyas
7	203GIT0008	GUDIMETTLA HIMA BINDU	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu	G. Himabindu
8	203GIT0010	KAVURU SRAVAN SAI	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan	K. Sravan
9	203GIT0011	MERUGU DIVYA	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya	M. Divya
10	203GIT0012	PETTA SHINY	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny	P. Shiny
11	203GIT0013	PINPE MERCY	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy	P. Mercy
12	203GIT0016	RAJANA PADMAJA	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma	R. Padma
13	203GIT0017	RAMBUDDI PRIYANKA	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka	R. Priyanka
14	203GIT0018	RITON SHIL	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil	R. Shil
15	203GIT0019	SANIVARAPU P S	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes	S. Mahes
16	203GIT0020	SOWJANYA GANDI	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya	S. Sowjanya
17	203GIT0021	TEJASWI PHANINDHRA	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra	T. Phanindra
18	203GIT0022	TEKUMUDI MANJARI	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari	T. Manjari
19	203GIT0023	KOLLU ESWAR SAI KIRAN	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran	K. Kiran
20	203GIT0025	MEHDI MOHAMMAD	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi	M. Mehdi



[Signature]

Course Coordinator

Principal
Aditya Pharmacy College
Surampalem-533 437

ADITYA PHARMACY COLLEGE

Course Title: "ANALYTICAL TECHNIQUES IN SEPERATION SCIENCE"

Course Period: 08-08-2022 to 12-08-2022

CERTIFICATES ISSUED LIST

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1T0001	ACHANTA LOKESH	PHARM D	III	A. Lokesh
2	203G1T0002	BOMMETI SARA AISWARYA	PHARM D	III	B.S. Aishwarya
3	203G1T0003	BUDATI MOUNIKA	PHARM D	III	B. Mounika
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	PHARM D	III	D. Lalitha
5	203G1T0006	ENJETI SUSHMA	PHARM D	III	E. Sushma
6	203G1T0007	G SHREYA RAJ	PHARM D	III	G. Shreya
7	203G1T0008	GUDIMETTLA HIMA BINDU	PHARM D	III	G. Himabindu
8	203G1T0010	KAVURU SRAVAN SAI	PHARM D	III	K. Sraavan Sai
9	203G1T0011	MERUGU DIVYA	PHARM D	III	M. Divya
10	203G1T0012	PETTA SHINY	PHARM D	III	P. Shiny
11	203G1T0013	PINIPE MERCY	PHARM D	III	P. Mercy
12	203G1T0016	RAJANA PADMAJA	PHARM D	III	R. Padmaja
13	203G1T0017	RAMBUDDI PRIYANKA	PHARM D	III	R. Priyanka
14	203G1T0018	RITON SHIL	PHARM D	III	R. Shil
15	203G1T0019	SANIVARAPU P S MAHALAKSHMI	PHARM D	III	S.P.S. Mahalakshmi
16	203G1T0020	SOWJANYA GANDI	PHARM D	III	S. Sowjanya
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	PHARM D	III	T. Phanindhra
18	203G1T0022	TEKUMUDI MANJARI	PHARM D	III	T. Manjari
19	203G1T0023	KOLLU ESWAR SAI KIRAN	PHARM D	III	K.E.S. Kiran
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	PHARM D	III	M. Mohammedi



Course Coordinator

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1. What is the full form of UPLC ?

- A) Ultra performance lipid Chromatography B) Ultra performance lipid interaction
C) High performance liquid chromatography D) Ultra performance liquid Chromatography

(D)

9

2. What is the Pressure of UPLC ?

- A) 5000-10000 B) 6000-15000
C) 10000-15000 D) 15000-20000

(B)

3. Large non volatile molecules can dissolve in

- A) liquids B) Plasma
C) SFS D) Gases

(A)

4. What is the particle size in UPLC?

- A) 1.6-1.8 μm B) 2-4 μm
C) 1.2-5.5 μm D) 3-6 μm

(A)

5. What is the advantages of UPLC compare to HPLC ?

- A) Easy availability B) Low cost
C) Shorter run time D) Less solvent usage

(C)

6. What is the principle of UPLC ?

- A) Hooks law B) Van Deemter statement
C) Hendersons equation D) Passing hydrophilic Mobile phase over hydrophobic stationary phase

(B)

7. The most widely used mobile phase for SFC is

- A) NH_3 B) H_2O
C) n-Butane D) CO_2

(C)

8. Flame ionization detector can be used in?

- A) HPLC B) SFC
C) GC & SFC D) Gas chromatographic

(C)

9. When Pressure is increased in SFC the elution time?

- A) Increases B) Decreases
C) Remains same D) Depends on the mixture used being separated

(D)

10. What is the Temperature range in UPLC Column?

- A) 3-10°C B) 3-65°C
C) 3-40°C D) 40-50°C

(B)



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A REPORT ON

Five days training programme on
“Analytical Techniques in Separation Science”

Course Period: 08.08.2022 to 12.08.2022

Venue: Aditya Pharmacy College

TRAINING PROGRAM OVERVIEW:

The main objective of this five days training programme is to give insights on applications of Analytical Techniques in Separation Science.

Resource Person:

Dr.T.Rajandaswamy

M.Pharm, Ph.D

Professor & Principal

St. Marys College of Pharmacy
Surempalem.

B.Sujiya

Assistant Professor

Aditya Pharmacy College
Surampalem.

Title: A five days training programme on “Analytical Techniques in Separation Science”.

Schedule of Training Programme

Date: 08.08.2022 to 12.08.2022

Course Duration: 5 days (30 hours)

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

Course Period: 08.08.2022 to 12.08.2022

Target Audience:

Students from Pharma D



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

No of Students Attended: 20

Department of Pharmaceutical Analysis conducted a Five days Training Program Analytical Technique in Separation Science to enhance the knowledge on Principle, working and its applications in Pharmaceutical Analysis.

Dr.T.Rajandaswamy working as Professor & Principal, M.Pharm, Ph.D, St. Marys College of Pharmacy, Surempalem. Was invited to be the Resource Person. He conducted the entire programme with the assistance, coordination and in association with Miss B.Sujiya, Asst professor. Schedule for the programme and Power Point Presentation on Analytical Techniques in Separation Science was sent to all the faculty members and students. In this program 20 Students were participated.

The speakers delivered the power point presentation on Analytical Techniques in Separation Science and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.


Course Coordinator




Principal
Aditya Pharmacy College
SURAMPÁLEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

Title: "ANALYTICAL TECHNIQUES IN SEPERATION SCIENCE"

2036170001

Date: 08-08-2022 to 12-08-2022, Venue: Seminar Hall, Aditya Pharmacy College

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

	08-08-22	09-08-22	10-08-22	11-08-22	12-08-22
Overall feedback on the course	5	4	4	4	5
Overall feedback on the trainer	5	5	5	4	4
How well was the training structured	5	5	5	4	5
How easy was it to understand he content	5	4	4	5	4
How effectively did the trainer manage the group	5	5	4	4	5
How clear were the trainer's presentation skills	5	4	4	4	5
Did the training meet your personal expectations	4	5	5	5	5



Principal
Aditya Pharmacy College
Surampalem-532 437



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

ACHANTA LOKESH

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2022 on

ANALYTICAL TECHNIQUES IN SEPARATION SCIENCE

organized by *ADITYA PHARMACY COLLEGE* from **08.08.2022 to 12.08.2022**

His / Her Participation is highly appreciated.

DR. N. SATISH REDDY

VICE-CHAIRMAN



DR. D. SATHIS KUMAR

PRINCIPAL

Principal
Aditya Pharmacy College
SURAMPALEM-533 437



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

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www.adityapharmacy.edu.in Email: office@adityapharmacy.edu.in
Mobile: 9866576663

ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
Applications of Spectroscopy in the Evaluation and Standardization of Herbal Products	II B Pharm	38	Self – Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE




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SURAMPALAM-533437

Course schedule

Day-1(12.09.2022)

Spectroscopy introduction
Various types of spectroscopy,
techniques and principles.

Day-2(13.09.2022)

Demonstration of UV-Visible
spectroscopy and applications.

Day-3 (14.09.2022)

Demonstration of IR, FTIR spectroscopy and applications.

Day-4 (15.09.2022)

Demonstration of
Mass spectroscopy and
applications.

Day-5(16.09.2022)

Demonstration of NMR spectroscopy and applications

Resource Person:

Dr. P.Bhaskara Rao, M. Pharm,
Ph.D

Associate Professor.
Aditya Pharmacy College
Surampalem.

Co-ordinator

K. V.R.Raju M.Pharm, (PhD)
Associate Professor,
Aditya Pharmacy College
Surampalem.



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Applications of Spectroscopy in the evaluation and standardization of Herbal drugs

12.09.2022 to 16.09.2022

Last Date for Registration: 10-09-22
(No registration fee)

Limited
Seats



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SURAMPALAM-533 437

PROPOSAL LETTER FOR THE CONDUCT OF ADD ON COURSE PROGRAMMES

Date: 29.08.2022

To

The Principal,

Aditya Pharmacy College,

Surampalem.

Respected Sir,

Sub: Request for the conduct of Add on course programme –Reg

I, K.V.R. Raju, Associate Professor, HOD of Pharmacognosy and Phytochemistry request your kind consent for the conduct of a Five days add on course programme on “Applications of Spectroscopy in the evaluation and standardization of Herbal products” from 12.09.2022 to 16.09.2022 with a duration of 30 hours.

DR. P. Bhaskar Rao, Associate Professor, HOD of Pharmaceutical Analysis of our college will be resource person and with his assistance and cooperation, I would like to organize the programme. In this regard I humbly request your kind consent for the conduct of the programme. Awaiting your favorable response.

Thanking you sir,

Yours sincerely,

K.V.R. Raju



Date: 29.08.2022

CIRCULAR

This is hereby informed to all the **B.Pharm, M.Pharm and Pharma D** students that we are going to conduct a five days add on course programme on “Applications of Spectroscopy in the evaluation and standardization of Herbal drugs ” from **12.09.2022 to 16.09.2022**.

The interested students can register their names for the add on course on or before **06-09-2022**.



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

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

REGISTRATION FORM

NAME	A. Deepika
Roll No.	203GIR0001
Course (B.Pharm/M.Pharm/Pharma D)	B. pharmacy
Year	3rd year
Registration for	applications of spectroscopy in evaluation & standardisation of herbal products
Duration	5 days



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

Student Signature:

A. Deepika

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ACADEMIC YEAR: 2022-23

COURSE SCHEDULE

COURSE NAME: "Applications of Spectroscopy in the evaluation and standardization of Herbal drugs".

COURSE OBJECTIVE:

(30 HRS)

- To understand the various spectroscopy techniques, principles.
- To understand the principle, construction and working of various spectroscopy techniques.
- To know the applications of spectroscopy techniques in the evaluation and standardization of Herbal Drugs.

Day 1: 12.09.2022

Module I:

- spectroscopy introduction
- Various types of spectroscopy techniques and principles.

Day 2: 13.09.2022

Module II:

- Demonstration of UV-Visible spectroscopy and applications.

Day 3: 14.09.2022

Module III:

- Demonstration of IR, FTIR spectroscopy and applications.

Day 4: 15.09.2022

Module IV:

- Demonstration of Mass spectroscopy and applications.

Day 5: 16.09.2022

Module V

- Demonstration of NMR spectroscopy and applications

REFERENCE:

1. [https://www.ijipsr.com/IJIPSR/5\(05\),2017,91-108](https://www.ijipsr.com/IJIPSR/5(05),2017,91-108)
2. <https://doi.org/10.1080/10826069908544935>
3. <http://www.quattroprep.com/files/Download/QuattroCCCChromTodayPublishedProofCopy.pdf>

Course Outcome:

- To learn the various spectroscopy techniques
- To learn the principle, construction and working of spectroscopy.
- To learn the applications of spectroscopy in the evaluation and standardization of Herbal drugs.


COURSE COORDINATOR




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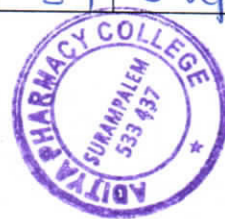
Course Title: Applications of Spectroscopy in the evaluation and standardization of Herbal products

Course Period: 12.09.2022 to 16.09.2022

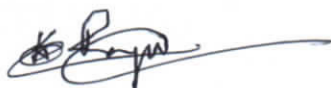
List of the students enrolled for the Add on course programme.

S.No	Regd No	Name of the student	Class and Year	Signature
1	203G1R0001	A DEEPIKA	3 rd year - 3-1	A. Deepika
2	203G1R0003	A V ANUPAMA	3 rd yr 3-1	A.V. Anupama
3	203G1R0004	A MADURIDEVI	3 rd yr 3-1	A. Madhuri Devi
4	203G1R0005	KESAVARDINI	3 rd yr 3-1	M. Kesavardhini
5	203G1R0007	A MANIKANTA	3 rd yr 3-1	A. Manikanta
6	203G1R0009	B SAI DURGA	3 rd yr 3-1	B. Sai Durga
7	203G1R0010	B S SVANDANA	3 rd yr 3-1	B.S.S. vandana
8	203G1R0011	B VASANTHA	3 rd yr 3-1	B. Vasantha
9	203G1R0012	B VIGNITA	3 rd year 3-1	B. Vignita
10	203G1R0013	CHANDRIKA	3 rd year 3-1	Ch. Chandrika
11	203G1R0016	CH G MANISHA	3-1 Bpharm	Ch. Manisha
12	203G1R0020	D SANDYA	3 rd year 3-1	D. sandya
13	203G1R0021	CHANDANASRI	3 rd year 3-1	D. Chandanasri
14	203G1R0023	G SRAVYA	3 rd year 3-1	G. Sravya
15	203G1R0024	G AMUKHTHA	3 rd year 3-1	G. Amukhta
16	203G1R0026	G KEERTHI	3 rd year 3-1	G. Keerthi
17	203G1R0027	G CHNADRIKA	3 rd year 3-1	G. Chandrika
18	203G1R0028	G SHARANYA	3 rd yr - 3-1	G. Saranya
19	203G1R0029	G SIVAKUMAR	3 rd year - 3-1	G. Sivakumar
20	203G1R0030	TEJASWINI I	3 rd yr - 3-1	G. Tejaswini

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21	203GIR0031	I SONY SANTI	3 rd year 3-1	P. Saniya Santi
22	203GIR0032	K MEGHNA KAVYA	3 rd year 3-1	K. Meghna Kavya
23	203GIR0033	K MEGHANA	3 rd year 3-1	K. Meghana
24	203GIR0034	K DEEPIKA	3 rd year 3-1	K. Deepika
25	203GIR0035	K SATYA SRI	3 rd year 3-1	K. Satya Sri
26	203GIR0037	K PRAVEEN	3 rd year 3-1	K. Praveen
27	203GIR0038	K P S ANVITHA	3 rd year 3-1	K. P. S. Anvitha
28	203GIR0039	K NAGA SAI	3 rd year 3-1	K. Naga Sai
29	203GIR0040	K N L MOHITI	3 rd year 3-1	K. Mohiti
30	203GIR0041	KILLI NEELIMA	3 rd year 3-1	K. Neelima
31	203GIR0043	M BHUMIKA	3 rd year 3-1	M. Boornice
32	203GIR0048	N ANITHA	3 rd year 3-1	N. Anitha
33	203GIR0050	RAJESHWARI	3 rd year 3-1	Rajeshwari
34	203GIR0055	S PRADEEP	3 rd year 3-1	S. Pradeep
35	203GIR0056	LEELAVATHI	3 rd year 3-1	S. Leelavathi
36	203GIR0058	S SRAVANTHI	3 rd year 3-1	S. Sravanthi
37	203GIR0045	M. ABDUL RAHIM	3 rd year 3-1	Md. Abdul Rahman
38	203GIR0054	S. SAI SRIRAM	3 rd year 3-1	S. S. Sri Ram


COORDINATOR




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ATTENDANCE SHEET FOR THE ADD ON COURSE PROGRAMME

Course Title: Applications of Spectroscopy in the evaluation and standardization of Herbal Drugs.

Course Period: 12.09.2022 to 16.09.2022

S.No.	Roll No.	Name of the Student	12.09.2022		13.09.2022		14.09.2022		15.09.2022		16.09.2022	
			FN	AN	FN	AN	FN	AN	F N	AN	FN	AN
1	203G1R0001	A DEEPIKA	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
2	203G1R0003	A V ANUPAMA	Anupa	Anupa	Anupa	Anupa	Anupa	Anupa	Anupa	Anupa	Anupa	Anupa
3	203G1R0004	A MADURIDEVI	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi	Maduridevi
4	203G1R0005	KESAVARDINI	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini	Kesavardini
5	203G1R0007	A MANIKANTA	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta
6	203G1R0009	B SAI DURGA	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga	Sai Durga
7	203G1R0010	B S SVANDANA	Swandana	Swandana	Swandana	Swandana	Swandana	Swandana	Swandana	Swandana	Swandana	Swandana
8	203G1R0011	B VASANTHA	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
9	203G1R0012	B VIGNITA	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita	Vignita
10	203G1R0013	CHANDRIKA	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika
11	203G1R0016	CH G MANISHA	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha	Manisha
12	203G1R0020	D SANDYA	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
13	203G1R0021	CHANDANASRI	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri	Chandanasri
14	203G1R0023	G SHARAVYA	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya	Sharavya
15	203G1R0024	G AMUKHTHA	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta	Amukhta
16	203G1R0026	G KEERTHI	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
17	203G1R0027	G CHNADRIKA	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika	Chandrika
18	203G1R0028	G SHARANYA	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya	Sharanya
19	203G1R0029	G SIVAKUMAR	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar	Sivakumar
20	203G1R0030	TEJASWINI I	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini	Tejaswini
21	203G1R0031	I SONY SANTI	Santi	Santi	Santi	Santi	Santi	Santi	Santi	Santi	Santi	Santi
22	203G1R0032	K MEGHNA KAVYA	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna
23	203G1R0033	K MEGHANA	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna	Meghna
24	203G1R0034	K DEEPIKA	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
25	203G1R0035	K SATYA SRI	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya	Satya
26	203G1R0037	K PRAVEEN	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen
27	203G1R0038	K P S ANVITHA	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha	Anvitha
28	203G1R0039	K NAGA SAI	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai	Naga Sai
29	203G1R0040	K N L MOHITI	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti	Mohiti
30	203G1R0041	KILLI NEELIMA	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima	Neelima
31	203G1R0043	M BHUMIKA	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika	Bhumika
32	203G1R0048	N ANITHA	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha

33	203GIR0050	RAJESHWARI	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari	Rajeshwari
34	203GIR0055	S PRADEEP	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep
35	203GIR0056	LEELAVATHI	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi	leelavathi
36	203GIR0058	S SRAVANTHI	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi	S. Sravanthi
37.	203GIR0045	M. ABDUL RAHIM	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim	M. Abdul Rahim
38.	203GIR0054	S. SAISRIRAM	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram	S. Saishriram

[Signature]

COURSE COORDINATOR



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

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

Course Title: Applications of Spectroscopy in the evaluation and standardization of Herbal products

Course Period: 12.09.2022 to 16.09.2022

List of the students received the add on course programme certificates.

S.No	Regd No	Name of the student	Signature
1	203G1R0001	A DEEPIKA	A. Deepika
2	203G1R0003	A V ANUPAMA	A.V. Anupama
3	203G1R0004	A MADURIDEVI	A. Madhuri Devi
4	203G1R0005	KESAVARDINI	K. Kesavardhini
5	203G1R0007	A MANIKANTA	A. Manikanta
6	203G1R0009	B SAI DURGA	B. SAI DURGA
7	203G1R0010	B S SVANDANA	B.S.S. vandana
8	203G1R0011	B VASANTHA	B. Vasantha
9	203G1R0012	B VIGNITA	B. Vignita
10	203G1R0013	CHANDRIKA	Ch. Chandrika
11	203G1R0016	CH G MANISHA	G. Manisha
12	203G1R0020	D SANDYA	D. Sandya
13	203G1R0021	CHANDANASRI	Chandana
14	203G1R0023	G SRAVYA	G. Sravya
15	203G1R0024	G AMUKHTHA	G. Amukhta
16	203G1R0026	G KEERTHI	G. Keerthi
17	203G1R0027	G CHNADRIKA	G. Chandrika
18	203G1R0028	G SHARANYA	G. Saranya
19	203G1R0029	G SIVAKUMAR	G. Sivakumar
20	203G1R0030	TEJASWINI I	T. Tejaswini

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21	203G1R0031	I SONY SANTI	P. Soniya Santi
22	203G1R0032	K MEGHNA KAVYA	K. Meghna Kavya
23	203G1R0033	K MEGHANA	Meghana
24	203G1R0034	K DEEPIKA	K. Deepika
25	203G1R0035	K SATYA SRI	K. Satya Sri
26	203G1R0037	K PRAVEEN	K. Praveen
27	203G1R0038	K P S ANVITHA	K.P.S. Anvitha
28	203G1R0039	K NAGA SAI	K. Naga Sai
29	203G1R0040	K N L MOHITI	K. Mohiti
30	203G1R0041	KILLI NEELIMA	K. Neelima
31	203G1R0043	M BHUMIKA	M. Boornica
32	203G1R0048	N ANITHA	N. Anitha
33	203G1R0050	RAJESHWARI	Rajeswari
34	203G1R0055	S PRADEEP	S. Pradeep
35	203G1R0056	LEELAVATHI	S. Leelavathi
36	203G1R0058	S SRAVANTHI	S. Sravanthi
37	203G1R0045	M. ABDUL RAHM	Md. Abdul Rahim
38	203G1R0054	S. SAISRIRAM	S.S. Sri Ram


COORDINATOR




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Written Test on Spectroscopy

10x1=10 mark:

- 1) Spectroscopy is a _____ analytical technique
a) Qualitative b) Quantitative c) Both d) None
- 2) Visible range is between _____ nm
a) 200-400 b) 400-600 c) 600-800 d) 400-800
- 3) IR measures _____
a) Transitions b) Vibrations c) Rotations d) Both B&C
- 4) Principle of NMR spectroscopy is _____
a) Spin b) Magnetism c) both d) None
- 5) Mass spectroscopy is used to know _____
a) Molecular formula b) Molecular structure c) Both d) None
- 6) UV-Visible spectroscopy is an example for _____ spectroscopy
a) Atomic c) Molecular
b) Ionic d) None
- 7) Finger print region of IR is _____ cm⁻¹
a) 1500-400 b) 4000-1500 c) >4000 d) None
- 8) Which chromatography is coupled with MS?
a) Solid-Liquid b) Gas c) Liquid-Liquid d) None
- 9) Interactions are measured using _____
a) FTIR b) IR c) UV-Visible d) Mass
10. Types of NMR spectroscopy _____
a) 2 b) 4 c) 5 d) 3

{ c }

{ d }

{ d }

{ c }

{ a }

{ c }

{ a }

{ c }

{ a }

{ a }



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ADITYA PHARMACY COLLEGE
Aditya Nagar, ADB Road, Surampalem.

A REPORT ON

Five days training programme on **“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”.**

Course Period: 12.09.2022 to 16.09.2022

Venue: Aditya Pharmacy College

TRAINING PROGRAM OVERVIEW:

The main objective of this five days training programme is to give insights on applications of **“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”.**

Resource Person:

DR P.Bhaskara Rao, M. Pharm, Ph.D

Associate Professor.

Aditya Pharmacy College
Surampalem.

K. V.R.Raju M.Pharm,(PhD)

Associate Professor,

Aditya Pharmacy College
Surampalem.

Title: A five days training programme on

“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”.

Schedule of Training Programme

Date: 12.09.2022 to 16.09.2022

Course Duration: 30 hours

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

Course Period: Five Days

Target Audience:

Students from III-B. Pharmacy I Semester

No of Students Attended: 36



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SURAMPALEM-533 437

Department of Pharmacognosy & Phytochemistry conducted a Five days Training Program on **“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”** to enhance the knowledge on various Chromatography Principles, working and their applications in the evaluation and standardization of Herbal drugs.

DR P.Bhaskara Rao, M. Pharm, Ph.D working as Associate Professor, Aditya Pharmacy College, Surampalem acted as the Resource Person. He conducted the entire programme with the assistance, coordination and in association with **K. V.R.Raju M.Pharm,(PhD)**

Schedule for the programme and Power Point Presentation on **“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”** was sent to all the faculty members and students. In this program 38 Students were participated.

The speakers delivered the power point presentation on **“Applications of Spectroscopy in the evaluation and standardization of Herbal drugs”** and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.



COURSE COORDINATOR.



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SURAMPALEM-533 437

2036UR0001

FEED BACK FORM FOR ADD ON COURSE PROGRAMME

Topic Title: "Applications of Spectroscopy in the evaluation and standardization of Herbal drugs".

Date: 12.09.2022 to 16.09.2022.

Venue: Department of Pharmacognosy, Aditya Pharmacy College

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

	12.09.2022	13.09.2022	14.09.2022	15.09.2022	16.09.2022
Overall feedback on the course	4	3	3	4	3
Overall feedback on the trainer	3	4	4	3	3
How well was the training structured	3	3	3	4	4
How easy was it to understand the content	4	4	4	3	3
How effectively did the trainer manage the group	3	3	4	4	3
How clear were the trainer's presentation skills	4	4	3	3	4
Did the training meet your personal expectations	4	3	3	3	4

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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

A DEEPIKA Reg No:203G1R0001

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2022 on

“Applications of spectroscopy in the evaluation and standardization of Herbal products”

organized by *ADITYA PHARMACY COLLEGE* from 12th - 16th December, 2022.

his / her participation is highly appreciated.



N. Satish Reddy

Dr. N. SATISH REDDY

VICE-CHAIRMAN

[Signature]

Dr. D. SATHIS KUMAR

PRINCIPAL

[Signature]
PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437



ADITYA PHARMACY COLLEGE

PCI
AICTE
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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

ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
Short Course on alternatives to animal testing	III YEAR Pharm D	20	Self - Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE




PRINCIPAL
Aditya Pharmacy College
SURAMPALAM-533437

Course schedule

Day- 1 (17-10-22)

Topic: Introduction to CPCSEA

(Mr. S. Nageswara Rao)

Day-2 (18-10-22)

Topic: Softwares used in Pharmacology

(Dr. P.S.S. Sai Kiran)

Day-3 (19-10-22)Topic: Expharma Software

(Ms.(K. nagalakshmi)

Day-4 (20-10 -22)

Topic: hands on traning

(M.Lalitha kala)

Day-5 (21-10-22)

Topic: Computer Aided drug Discovery

Presenter: Mr. K. Pydi Raju

Limited
Seats

Short course on Alternatives to Animal Testing

Who can attend
III PHARMA D Students

Convener
Dr. D. Sathis Kumar
Principal

Course Co-ordinators

Dr. P.S.S. Sai Kiran
Associate Professor

Mr. S. Nageswara Rao
Associate Professor

Mr. K. Pydi Raju
Assistant Professor

Ms. M. Lalitha Kala
Assistant Professor

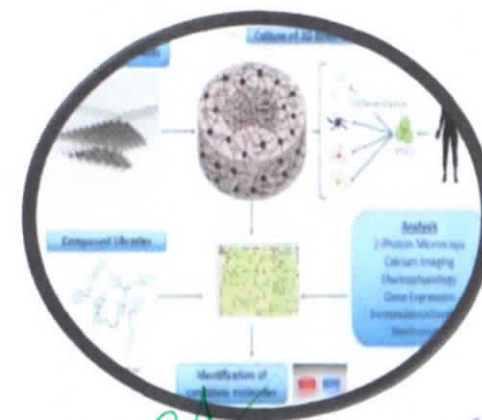
Ms. K. Naga Lakshmi
Assistant Professor



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Short course on Alternatives to Animal Testing

17-10-22 to 21-10-22



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Last Date for Registration:15-10-22
(No registration fee)

ADITYA PHARMACY COLLEGE

(Affiliated to JNTUK, Approved by AICTE)

(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, EGO VR 9866576663, 08852-200005)

Website: www.aditya-pharmacy.edu.in, Email: office@adityapharmacy.edu.in

PROPOSAL LETTER

To,
The Principal,
Aditya Pharmacy College,
Surampalem.

Dt: 10-10-2023

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on
“Short course on Alternatives to Animal Testing” - reg.

It gives us great pleasure to bring to your kind notice that, Department of Pharmacology would like to train our students in basic mechanisms, science and Guidance CPCSEA & Animal handling with the help of our staff. We hope and assure this training programme will be more helpful to the students from a theoretical and practical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person: Dr.P.S.S Sai Kiran., M.Pharm, Ph.D.

Mr. S. Nageswararao, Assoc. Prof

Ms. K.Nagalakshmi Asst prof.

Ms. M Lalitha kala asst.prof

Mr. k. pydiraju Asst.prof

Aditya Pharmacy College

Coordinated by: Mr. S. Nageswararao, Assoc. Prof


Course Coordinator




Principal
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SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

08-10-2022

CIRCULAR

This is to inform all **III Pharma D** students that Department of Pharmacology is conducting a five-day short course on “**Short course on Alternatives to animal testing**” from **17/10/22 to 21/10/22**. The interested students can register for the course on or before **15-10-2022**.



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(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	A. Lokesh
Roll No.	203GIT0001
Course (B.Pharm/M.Pharm/Pharma D)	Pharma D
Year	3 rd Year
Registration for	Short courses on alternatives to animal testing
Duration	17/10/2022 to 21/10/2022

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

Student Signature: A. Lokesh



ACADEMIC YEAR: 2021-22

COURSE SCHEDULE

COURSE NAME: "Short Course on Alternatives to Animal Testing".

COURSE OBJECTIVES:

(30 HRS)

- To Understand the concept of CPCSEA
- To Understand the Software used in Pharmacology
- To Understand the Computer Aided Drug Discovery

Day 1: 17.10.2022

Module I:

- Introduction to CPCSEA
- CPCSEA Guidances

Day 2: 18.10.2022

Module II:

- Softwares used in Pharmacology

Day 3: 19.10.2022

Module III:

- Expharmasoftware

Day 4: 20.10.2022

Module IV:

- Hands on training

Day 5: 21.10.2022

Module V

- Computer aided drug Discovery

REFERENCES:

1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4205926/>
2. <https://www.cvscuaizawl.edu.in/cgi-sys/suspendedpage.cgi>
3. <https://www.slideshare.net/DrSahilKumar/cpcsea>
4. <https://heb-nic.in/Ex-Pharm/login.php>
5. <https://www.slideshare.net/samghany/computer-aided-drug-designcadd>

Course Outcomes:

- To Understand the concept of CPCSEA
- To Understand the Software used in Pharmacology
- To Understand the Computer Aided Drug Discovery


Course Coordinator




Principal

Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Short Courses on Alternatives to Animal testing

Course Period: 17-10-2022 to 21-10-2022

List of students registered for the course

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1T0001	ACHANTA LOKESH	Pharm.D	3rd	A. Lokesh
2	203G1T0002	BOMMETI SARA AISWARYA	Pharm.D	3rd	B. Aiswarya
3	203G1T0003	BUDATI MOUNIKA	Pharm.D	3rd	B. Mounika
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	Pharm.D	3rd	D. Lalitha
5	203G1T0006	ENJETI SUSHMA	Pharm.D	3rd	E. Sushma
6	203G1T0007	G SHREYA RAJ	Pharm.D	3rd	G. Shreya
7	203G1T0008	GUDIMETTLA HIMA BINDU	Pharm.D	3rd	G. H. Bindu
8	203G1T0010	KAVURU SRAVAN SAI	Pharm.D	3rd	K. Sravan Sai
9	203G1T0011	MERUGU DIVYA	Pharm.D	3rd	M. Divya
10	203G1T0012	PETTA SHINY	Pharm.D	3rd	P. Shiny
11	203G1T0013	PINIPE MERCY	Pharm.D	3rd	P. Mercy
12	203G1T0016	RAJANA PADMAJA	Pharm.D	3rd	R. Padma
13	203G1T0017	RAMBUDDI PRIYANKA	Pharm.D	3rd	R. Priyanka
14	203G1T0018	RITON SHIL	Pharm.D	3rd	R. Shil
15	203G1T0019	SANIVARAPU PUSHPA SATYA MAHALAKSHMI	Pharm.D	3rd	S.P.S. M. Lakshmi
16	203G1T0020	SOWJANYA GANDI	Pharm.D	3rd	Sowjanya
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	Pharm.D	3rd	Tejaswi
18	203G1T0022	TEKUMUDI MANJARI	Pharm.D	3rd	T. Manjari
19	203G1T0023	KOLLU ESWAR SAI KIRAN	Pharm.D	3rd	E. Swara
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	Pharm.D	3rd	Mozadddi

Course Coordinator.



Aditya Pharmacy College
SURAMPALAM-533 437

ADITYA PHARMACY COLLEGE

Course Title: Short Course on Alternatives to Animal testing

Course Period: 17-10-2022 to 21-10-2022

Attendance Sheet

S. No.	Roll No.	Name of the Student	10/17/2022		10/18/2022		10/19/2022		10/20/2022		10/21/2022	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	203G1T0001	ACHANTA LOKESH	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh	A.Lokesh
2	203G1T0002	BOMMETI SARA AISWARYA	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya	B.Aiswarya
3	203G1T0003	BUDATI MOUNIKA	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika	B.Mounika
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari	D.L.Maheshwari
5	203G1T0006	ENJETI SUSHMA	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma
6	203G1T0007	G SHREYA RAJ	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya	G.Shreya
7	203G1T0008	GUDIMETTLA HIMA BINDU	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu	G.Himabindu
8	203G1T0010	KAVURU SRAVAN SAI	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran	K.Suran
9	203G1T0011	MERUGU DIVYA	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya
10	203G1T0012	PETTA SHINY	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny	P.Shiny
11	203G1T0013	PINPE MERCY	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy	P.Mercy
12	203G1T0016	RAJANA PADMAJA	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma	R.Padma
13	203G1T0017	RAMBUDDI PRIYANKA	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka	R.Priyanka
14	203G1T0018	RITON SHIL	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil	R.Shil
15	203G1T0019	SANIVARAPU PUSHPA SATYA MAHALAKSHMI	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi	S.P.Mahalakshmi
16	203G1T0020	SOWJANYA GANDI	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya	S.Sowjanya
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri	T.Yelchuri
18	203G1T0022	TEKUMUDI MANJARI	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari	T.Manjari
19	203G1T0023	KOLLU ESWAR SAI KIRAN	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran	K.Kiran
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi	M.Mozaddedi

Course Coordinator.



Aditya Pharmacy College
SURAMPAL-533 437

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Course Title: Short Coures on Alternatives to Animal testing

Course Period: 17-10-2022 to 21-10-2022

CERTIFICATE ISSUE LIST

S.No.	Roll No.	Name of the Student	Signature
1	203G1T0001	ACHANTA LOKESH	A. Lokesh
2	203G1T0002	BOMMETI SARA AISWARYA	B. AISWARYA
3	203G1T0003	BUDATI MOUNIKA	B. Mounika
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	G. Dandipati
5	203G1T0006	ENJETI SUSHMA	Sushma E
6	203G1T0007	G SHREYA RAJ	Shreya
7	203G1T0008	GUDIMETTLA HIMA BINDU	G. Himabindu
8	203G1T0010	KAVURU SRAVAN SAI	K. Sravan Sai
9	203G1T0011	MERUGU DIVYA	M. Divya
10	203G1T0012	PETTA SHINY	P. Shiny
11	203G1T0013	PINIPE MERCY	P. Mercy
12	203G1T0016	RAJANA PADMAJA	R. Padmaja
13	203G1T0017	RAMBUDDI PRIYANKA	R. Priyanka
14	203G1T0018	RITON SHIL	R. Shil
15	203G1T0019	SANIVARAPU PUSHPA SATYA MAHALAKSHMI	S. P. S. M. Lakshmi
16	203G1T0020	SOWJANYA GANDI	Sowjanya G.
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	Tejaswi
18	203G1T0022	TEKUMUDI MANJARI	T. Manjari
19	203G1T0023	KOLLU ESWAR SAI KIRAN	Eshwar
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	Mozaddedi

Carrel Count List

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SURAMPATEM-533 437

ADITYA PHARMACY COLLEGE

Short course on
Short course on Alternatives to Animal testing
17-10-2022 to 21-10-2022

2036170001

Date:

Max Marks: 20.

Max Time: 20 minutes

SECTION-I

(Multiple choice questions, each question carries 1 mark)

1. The corporation developed to promote high quality animal care and use for laboratory animals. (b)
 - a. Accredited American Association of Laboratory Animal Care
 - b. American Association for Accreditation of Laboratory Animal Care
 - c. Affiliates of the American Association of Laboratory Animal Care
 - d. Association for the Assessment and Accreditation of Laboratory Animal Care
2. Animal models are used as a means of studying disease processes that occur in humans. One type of animal model, the spontaneous model is defined as: (a)
 - a. an animal species that has a disease which occurs and mimics a human disease at least in some way.
 - b. an animal species that does not "mimic" a human disease.
 - c. an animal species in which the experimentally reproduced condition mimics a human disease.
 - d. an animal species in which a particular disease cannot be produced.
 - e. none of the above.
3. The term used to describe the act of eating feces is: (e)
 - a. rumination
 - b. pansteatitis
 - c. hypophysis
 - d. urinating
 - e. coprophagy
4. In the mouse, blood cells are carried through the circulatory system in: (b)
 - a. lymph
 - b. plasma
 - c. serum
 - d. saline
5. Stereotypic behavior is a sign of: (b)
 - a. acceptable response to captivity
 - b. abnormal response to captivity
 - c. a naturally occurring behavior
 - d. an aggressive behavior



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SECTION-II

(Answer the following questions in one word or two, each question carries 3 marks)

6. What is CPCSEA

~~Committee~~ for the purpose of Control & Supervision
of Experiment on animals

7. IAEC stands for

Institute Animal Ethics Committee

8. What is 3R's concept

The 3R's initiative aims to provide Reduce,
Reuse and Recycle.

9. What are various routes of drug administration for rodents

10. What are the alternatives for animal experimentation

Testing Cells and tissues in test tubes or
Cells Culture.

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A REPORT ON

Five days training programme on “**Short course on Alternatives to Animal testing**”.

Course Period: 17.10.2022 to 21.10.2022

Venue: Aditya Pharmacy College

ADD-ON- PROGRAM OVERVIEW:

The main objective of this five days add-on- program was to give insights on “ **Short course on Alternatives to Animal testing**”.

Resource Person: Dr.P.S.S Sai Kiran., M.Pharm, Ph.D.
Mr. S. Nageswararao, Assoc. Prof
Ms.KNagalakshmi Asst prof.
Ms. M lalitha kala Asst.prof
Mr. k. pydiraju Asst.prof
Aditya Pharmacy College.

Title: A five days training add-on- program on “ **Short course on Alternatives to Animal testing** ”.

Schedule of Add-on- program:

Date: 17.10.2022 to 21.10.2022

Course Duration: 5 days (30 hours)

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

Course Period: 17.10.2022 to 21.10.2022.

Target Audience:

Students from III Pharma D

No of Students Attended: 24

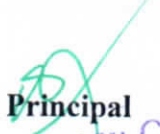
Department of Pharmacology conducted a Five days add-on- program on to enhance the knowledge on Introduction to CPCSEA, , Hands on Training in Pharmacology.

Dr P.S.S Sai kiran.,M.Pharm, Ph.D., working as Associate Professor & S.Nageswararao, working as Assoc. Prof., & Ms.K Naga lakshmi Asst prof And M lalitha kala asst.prof&.. k.pydiraju Asst.prof Aditya Pharmacy College, Surampalem was invited to be as Resource Persons. They conducted the entire programme with the assistance, coordination with Mrs. S.Nageswararao Assoc. Prof .Schedule for the programme and Power Point Presentation on “**Short Course on Alternatives to Animal Testing**” was sent to all the faculty members and students. In this program 25 Students were participated.

The speakers delivered the power point presentation on “**Short Course on Alternatives to Animal Testing**” and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.


Course coordinator




Principal
Aditya Pharmacy College
SURAMPALEM-533 437

ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM FOR COURSE

2036170001

“Short course on Alternatives to animal testing”

Date: 17-10-22 to 21-10-22

Venue: Pharmacology Lab, Aditya Pharmacy college

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

	Day-1	Day-2	Day-3	Day-4	Day-5
Overall feedback on the course	4	3	4	4	4
Overall feedback on the trainer	4	4	3	4	4
How well was the training structured	4	3	4	4	4
How easy was it to understand the content	4	4	4	4	4
How effectively did the trainer manage the group	4	4	4	4	3
How clear were the trainer's presentation skills	4	4	4	4	4
Did the training meet your personal expectations	4	4	4	3	3



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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

ACHANTA LOKESH

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2022 on

“Short Course on Alternatives to Animal Testing”

organized by *ADITYA PHARMACY COLLEGE* from 17th – 21st Octobers, 2022.

His / Her Participation is highly appreciated.

N. Satish Reddy

Dr. N. SATISH REDDY

VICE-CHAIRMAN

D. Sathis Kumar

Dr. D. SATHIS KUMAR

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Mobile: 9866576663

ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
Chemistry in times of Artificial intelligence	IV B Pharm	43	Self - Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE



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Course title:

“Chemistry in times of artificial intelligence”

Course duration:

5days

Course Period:

13-02-2023 to 17-02-2023

Presented by :

T.Sri Sowkhya, Assistant Professor

Aditya Pharmacy College

Co-Ordinated by:

SK.Rafi.

L.Parinaya Sri

G.Durga Rao

Venue:

Seminar Hall

Aditya Pharmacy College

Last date for

registration :

07-02-2023

Free for registration



Course Schedule

Day	Topics/ training
13-02-2023	Introduction to artificial intelligence
14-02-2023	Role of artificial intelligence in chemistry & drug design
15-02-2023	Artificial intelligence in chemistry – current trends & future directions
16-02-2023	Use of artificial intelligence in Chemistry
17-02-2023	Benefits of artificial intelligence

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

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

Mobile: 9866576663

To,
The Principal,
Aditya Pharmacy College,
Surampalem.

Date: 23/01/2023

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on
"CHEMISTRY IN TIMES OF ARTIFICIAL INTELLIGENCE"-reg.

It's our greatest pleasure to bring to your kind notice that, Department of Pharmaceutical chemistry would like to train our students in the strategies and methods of approaches of Artificial intelligence, with the help of our staff as the present world is running towards perfection so it is necessary to gain knowledge on drug design & development. This training will be more helpful to the students in theoretical point of view. In this regard we are requesting your permission for further proceedings

Resource Person: Dr. D. Sathis Kumar
Principal
Aditya Pharmacy College



Seri
Course Coordinator

[Signature]
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Aditya Pharmacy College
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(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

Date: 01-02-2023

CIRCULAR

This is to inform all **B.Pharm, M.Pharm and Pharma D** students that we are going to conduct a course on “**Chemistry in times of Artificial Intelligence**” for 5 days from **13-02-2023 to 17-02-2023**.

The interested students can register for the course on or before **07-02-2023 (Tuesday)**.




PRINCIPAL
Aditya Pharmacy College
SURAMPALAM-533 437

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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	Aman Mandal
Roll No.	193GIR001
Course (B.Pharm/M.Pharm/Pharma D)	B. pharm
Year	III year
Registration for	Chemistry in times of Artificial Intelligence
Duration	5 days.



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

Student Signature: Aman mandal

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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

2022 - 2023

COURSE SCHEDULE

COURSE NAME: Chemistry in times of Artificial Intelligence (30 Hrs)

Course Objective:

- To Understand the artificial intelligence in chemistry
- To learn the applications of artificial intelligence
- To analyze

Course Outcome:

- To learn the Current Good Manufacturing Practices according to guidelines
- To learn quality control test procedures theory and its practical application by CGMP guidelines
- To learn and understand the various CGMP guidelines and its specifications

Day 1: 13-02-2023

Module 1:

- Basics of Supplementary Training Modules on Good Manufacturing Practice
- Basics of management and infrastructure

Day 2: 14-02-23

Module II:

- Understand the organization and management
- Learn and Understand the hands on experience of QMS (Quality Management System)

Day 3: 15-02-23

Module III:

- Understand the establishing, implementation and maintenance of authorized, written SOPs.
- Understand the change control, internal audits.




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Day 4: 16-02-23

Module IV:

- Maintenance of records during storage and disposal of documents and records
- Electronic storage, security and confidentiality of data, access restricted to authorized personnel
- Appendix 5 to Annexure 4 of the fortieth report of the WHO Expert Committee on specifications for pharmaceuticals.

Day 5: 17-02-23

Module V

- Data processing equipment, laboratory storage facilities
- Learn the concepts of laboratory requirements, personnel, premises etc.

REFERENCES:

1. Gertner, Jon (18 July 2023). *"Wikipedia's Moment of Truth - Can the online encyclopedia help teach A.I. chatbots to get their facts right — without destroying itself in the process? + comment"*. *The New York Times*. Archived from the original on 19 July 2023. Retrieved 19 July 2023.

2. *"s AI Overhyped in 2022? Getting the Truth About the True Power"*. *Analytics Insight*. 21 March 2022. Archived from the original on 10 March 2023. Retrieved 11 March 2023.

3. Giles, Martin (13 September 2018). *"Artificial intelligence is often overhyped – and here's why that's dangerous"*. *MIT Technology*. Archived from the original on 11 March 2023. Retrieved 11 March 2023.

4. Basen, Ira (21 February 2020). *"Is AI overhyped? Researchers weigh in on technology's promise and problems"*. *Canadian Broadcasting Corporation*. Archived from the original on 11 March 2023. Retrieved 11 March 2023.

4. Jump up to: ^a ^b ^c Funding initiatives in the early 80s: Fifth Generation Project (Japan), Alvey (UK), Microelectronics and Computer Technology Corporation (US), Strategic Computing Initiative (US):

McCorduck (2004, pp. 426–441)




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Crevier (1993, pp. 161–162, 197–203, 211, 240)

Russell & Norvig (2021, p. 23)

NRC (1999, pp. 210–211)

Newquist (1994, pp. 235–248)

5. Jump up to:^a ^b First AI Winter, Lighthill report, Mansfield Amendment

Crevier (1993, pp. 115–117)

Russell & Norvig (2021, pp. 21–22)

NRC (1999, pp. 212–213)

Howe (1994)

Newquist (1994, pp. 189–201)



Si
Course - Co-ordinator


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ADITYA PHARMACY COLLEGE

Course Title: "CHEMISTRY IN TIMES OF ARTIFICIAL INTELLIGENCE"

Course Period: 13-02-2023 to 17-02-2023

List of students registered

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	193G1R0001	AMAN MANDAL	B.PHARM	III	Amal
2	193G1R0002	ANJALI CHAUDHARY	B.PHARM	IV	Anjali
3	193G1R0003	ANJALI MISHRA	B.PHARM	IV	Anjali Mishra
4	193G1R0004	ANKIT DEY	B.PHARM	IV	Ankit Dey
5	193G1R0006	NAOREM CHANDRA KANTI DEVI	B.PHARM	IV	Arsl
6	193G1R0007	ARISHMA HAWARI	B.PHARM	IV	Arishma
7	193G1R0008	AROMA BAKOR WANN	B.PHARM	IV	A.R. Wann
8	193G1R0009	ASHMAWY SIBERT CHOKUPFEKEDZA	B.PHARM	III	Sibert
9	193G1R0010	AVASARALA SATWIKA	B.PHARM	IV	Satwika
10	193G1R0011	AVINASH KUMAR SIKRIWAL	B.PHARM	IV	Avinash
11	193G1R0012	AYOK LIANG CHUOL LIANG	B.PHARM	IV	Ayok
12	193G1R0013	BANDARULANKA SAIKIRAN	B.PHARM	IV	B.Saikiran
13	193G1R0014	BHEEMIREDDI RAJANI	B.PHARM	IV	B.Rajani
14	193G1R0015	BIBEKANAND CHAUDHARY	B.PHARM	IV	Bibek
15	193G1R0016	BIKKINA VENKATA DURGADEVI	B.PHARM	IV	venkatarurga
16	193G1R0017	BOKKA NAGA SRAVYA	B.PHARM	IV	Naga Savya
17	193G1R0018	BOOLA VENKATA LAKSHMI	B.PHARM	IV	V.Lakshmi
18	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	B.PHARM	III	CH. N.D. Pravallika
19	193G1R0021	CHINTHAKULA TEJASWINI	B.PHARM	IV	C. Tejaswini
20	193G1R0022	DARA TONY PRIYANKA	B.PHARM	III	D. Tony Priyanka
21	193G1R0023	DEBASHISH GHOSH	B.PHARM	IV	G. Debashish
22	193G1R0024	DEYYALA SARITHA	B.PHARM	IV	D. Saritha
23	193G1R0025	EDALA NAVYA SRI LEKHA	B.PHARM	IV	E. Navya
24	193G1R0026	GARIKINA BABUJI	B.PHARM	IV	Babuji
25	193G1R0027	GAYATRI MUKHI	B.PHARM	IV	Mukhi
26	193G1R0028	GEDELA YAMINI NAGADEVI	B.PHARM	IV	Yamini
27	193G1R0029	GEESALA SURYA NAGA LAKSHMI	B.PHARM	IV	Surya
28	193G1R0030	GELAM HARIKA VENKATA NAGA SRI	B.PHARM	IV	G.N. Sri
29	193G1R0031	GIRIJALA ANITHA	B.PHARM	IV	Anitha
30	193G1R0032	GRANDHI SATYA SNEHAJA	B.PHARM	IV	Sneha
31	193G1R0034	GUTHURTHI GOWRI PRASANNA	B.PHARM	IV	G. Gowri
32	193G1R0035	IJJINA MANORANJANI	B.PHARM	IV	I. Manoranjani
33	193G1R0036	ILLA SARIKA SUPRIYA	B.PHARM	IV	Supriya
34	193G1R0037	ISTAKHAR AHMED	B.PHARM	IV	Istakh
35	193G1R0038	JUTHIKA ELEZEBETH	B.PHARM	IV	J. Elezabeth
36	193G1R0039	KADULURI DEVI GANGA VIJAYA SIVANI	B.PHARM	IV	K. Devi
37	193G1R0044	KARRI UMA TRILOKA	B.PHARM	IV	Triloka
38	193G1R0046	KAUSTUBH PRIYANSHU	B.PHARM	IV	K. Priyanshu
39	193G1R0048	KILARI VENKATADEEPIKA	B.PHARM	IV	V. Deepika
40	193G1R0050	KOMBATHULA LISA	B.PHARM	IV	Lisa
41	193G1R0051	KORASIKA ALEKYA	B.PHARM	IV	K. Alekya
42	193G1R0056	MADANA UMA RAJESWARI	B.PHARM	IV	M. U. Rajeswari
43	193G1R0058	MATTA SUJITHA	B.PHARM	IV	M. Sujitha



Course Coordinator

PRINCIPAL
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ADITYA PHARMACY COLLEGE

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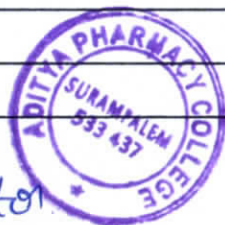
Attendance Sheet

S.No.	Roll No.	Name of the Student	13/02/2023		14/02/2023		15/02/2023		16/02/2023		17/02/2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	193G1R0001	AMAN MANDAL	man	man	man	man	man	man	man	man	man	man
2	193G1R0002	ANJALI CHAUDHARY	A	A	A	A	A	A	A	A	A	A
3	193G1R0003	ANJALI MISHRA	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.
4	193G1R0004	ANKIT DEY	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey	A.Dey
5	193G1R0006	NAOREM CHANDRA KANTI DEVI	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.	N.C.K.D.
6	193G1R0007	ARISHMA HAWARI	A.H.	A.H.	A.H.	A.H.	A.H.	A.H.	A.H.	A.H.	A.H.	A.H.
7	193G1R0008	AROMA BAKOR WANN	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.	A.B.W.
8	193G1R0009	ASHMAWY SIBERT CHOKUPFEKEDZA	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.	A.S.C.
9	193G1R0010	AVASARALA SATWIKA	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.
10	193G1R0011	AVINASH KUMAR SIKRIWAL	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.	A.K.S.
11	193G1R0012	AYOK LIANG CHUOL LIANG	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.	A.L.C.L.
12	193G1R0013	BANDARULANKA SAIKIRAN	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.	B.S.
13	193G1R0014	BHEEMIREDDI RAJANI	B.R.	B.R.	B.R.	B.R.	B.R.	B.R.	B.R.	B.R.	B.R.	B.R.
14	193G1R0015	BIBEKANAND CHAUDHARY	B.C.	B.C.	B.C.	B.C.	B.C.	B.C.	B.C.	B.C.	B.C.	B.C.
15	193G1R0016	BIKKINA VENKATA DURGADevi	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.	B.V.D.
16	193G1R0017	BOKKA NAGA SRAVYA	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.	B.N.S.
17	193G1R0018	BOOLA VENKATA LAKSHMI	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.	B.V.L.
18	193G1R0020	CHERUKU NAGA DURGA PRAVALIKA	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.	C.N.D.P.
19	193G1R0021	CHINTHAKULA TEJASWINI	C.T.	C.T.	C.T.	C.T.	C.T.	C.T.	C.T.	C.T.	C.T.	C.T.
20	193G1R0022	DARA TONY PRIYANKA	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.	D.T.P.



S.No.	Roll No.	Name of the Student	13/02/2023		14/02/2023		15/02/2023		16/02/2023		17/02/2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
21	193G1R0023	DEBASHISH GHOSH	G.D	G.D	G.D	G.D	G.D	G.D	G.D	G.D	G.D	G.D
22	193G1R0024	DEYYALA SARITHA	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar	D.Sar
23	193G1R0025	EDALA NAVYA SRI LEKHA	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav	E.Nav
24	193G1R0026	GARIKINA BABUJI	Babuj	Babuj	Babuj	Babuj	Babuj	Babuj	Babuj	Babuj	Babuj	Babuj
25	193G1R0027	GAYATRI MUKHI	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi	Mukhi
26	193G1R0028	GEDELA YAMINI NAGADEVI	Nagade	Nagade	Nagade	Nagade	Nagade	Nagade	Nagade	Nagade	Nagade	Nagade
27	193G1R0029	GEESALA SURYA NAGA LAKSHMI	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga	Naga
28	193G1R0030	GELAM HARIKA VENKATA NAGA SRI	GHN	GHN	GHN	GHN	GHN	GHN	GHN	GHN	GHN	GHN
29	193G1R0031	GIRIJALA ANITHA	An	An	An	An	An	An	An	An	An	An
30	193G1R0032	GRANDHI SATYA SNEHAJA	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
31	193G1R0034	GUTHURTHI GOWRI PRASANNA	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras	G.Pras
32	193G1R0035	IJJINA MANORANJANI	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
33	193G1R0036	ILLA SARIKA SUPRIYA	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
34	193G1R0037	ISTAKHAR AHMED	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah	I.Ah
35	193G1R0038	JUTHIKA ELEZEBETH	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele	J.Ele
36	193G1R0039	KADULURI DEVI GANGA VIJAYA SIVANI	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev	K.Dev
37	193G1R0044	KARRI UMA TRILOKA	Tri	Tri	Tri	Tri	Tri	Tri	Tri	Tri	Tri	Tri
38	193G1R0046	KAUSTUBH PRIYANSHU	Priyans	Priyans	Priyans	Priyans	Priyans	Priyans	Priyans	Priyans	Priyans	Priyans
38	193G1R0048	KILARI VENKATADEEPIKA	Dee	Dee	Dee	Dee	Dee	Dee	Dee	Dee	Dee	Dee
40	193G1R0050	KOMBATHULA LISA	L	L	L	L	L	L	L	L	L	L
41	193G1R0051	KORASIKA ALEKYA	Alekya	Alekya	Alekya	Alekya	Alekya	Alekya	Alekya	Alekya	Alekya	Alekya
42	193G1R0056	MADANA UMA RAJESWARI	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj	M.Raj
43	193G1R0058	MATTA SUJITHA	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS

Su.
Course Coordinator



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ADITYA PAHRMACY COLLEGE

CourseTitle: Chemistry in times of Artificial Intelligence”

Course period: 13-02-2023 to 17-02-2023

Certificate issued list

S.No	Reg.No	Name of the student	Signature
1	193G1R0001	AMAN MANDAL	mandal
2	193G1R0002	ANJALI CHAUDHARY	Anjali Chaudhary
3	193G1R0003	ANJALI MISHRA	Anjali Mishra
4	193G1R0004	ANKIT DEY	Ankit Dey
5	193G1R0006	NAOREM CHANDRA KANTI DEVI	Naorem Chandra Kanti Devi
6	193G1R0007	ARISHMA HAWARI	Arishma Hawari
7	193G1R0008	AROMA BAKOR WANN	A. B. Bakor Wann
8	193G1R0009	ASHMAWY SIBERT CHOKUPFEKEDZA	AshmaWy Sibert Chokupfekedza
9	193G1R0010	AVASARALA SATWIKA	P. Satwika
10	193G1R0011	AVINASH KUMAR SIKRIWAL	Avinash Kumar Sikriwal
11	193G1R0012	AYOK LIANG CHUOL LIANG	A. Liang Chuol Liang
12	193G1R0013	BANDARULANKA SAIKIRAN	B. Saikiran
13	193G1R0014	BHEEMIREDDI RAJANI	B. Rajani
14	193G1R0015	BIBEKANAND CHAUDHARY	B. Bibekanand Chaudhary
15	193G1R0016	BIKKINA VENKATA DURGADEVI	venkata durgadevi
16	193G1R0017	BOKKA NAGA SRAVYA	Naga Sravya
17	193G1R0018	BOOLA VENKATA LAKSHMI	v. Lakshmi
18	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	C. N. D. Pravalika
19	193G1R0021	CHINTHAKULA TEJASWINI	C. Tejaswini
20	193G1R0022	DARA TONY PRIYANKA	D. Tony Priyanka
21	193G1R0023	DEBASHISH GHOSH	G. Debashish
22	193G1R0024	DEYYALA SARITHA	D. Saritha
23	193G1R0025	EDALA NAVYA SRI LEKHA	E. Navya
24	193G1R0026	GARIKINA BABUJI	G. Babuji
25	193G1R0027	GAYATRI MUKHI	Mukhi
26	193G1R0028	GEDELA YAMINI NAGADEVI	Yamini Nagadevi
27	193G1R0029	GEESALA SURYA NAGA LAKSHMI	S. Lakshmi
28	193G1R0030	GELAM HARIKA VENKATA NAGA SRI	G. Hariika
29	193G1R0031	GIRIJALA ANITHA	Anitha
30	193G1R0032	GRANDHI SATYA SNEHAJA	S. SnehaJa
31	193G1R0034	GUTHURTHI GOWRI PRASANNA	G. Gowri Prasanna
32	193G1R0035	IJJINA MANORANJANI	I. Manoranjani
33	193G1R0036	ILLA SARIKA SUPRIYA	S. Priya



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34	193GIR0037	ISTAKHAR AHMED	Istak Ahmed
35	193GIR0038	JUTHIKA ELEZEBETH	J. Elezabeth
36	193GIR0039	KADULURI DEVI GANGA VIJAYA SIVANI	K. Devi
37	193GIR0044	KARRI UMA TRILOKA	Tri Lokan
38	193GIR0046	KAUSTUBH PRIYANSHU	Kaustubh
39	193GIR0048	KILARI VENKATADEEPIKA	Tadikamalla
40	193GIR0050	KOMBATHULA LISA	K. Lisa
41	193GIR0051	KORASIKA ALEKYA	K. Alekya
42	193GIR0056	MADANA UMA RAJESWARI	M. V. Rajeswari
43	193GIR0058	MATTA SUJITHA	M. Sujitha



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Dr.
Course Co-ordinator

ADITYA PHARMACY COLLEGE

Training Program on

“Chemistry in times of Artificial intelligence”

Duration of the Course: 13/02/2023-17/02/2023

Date: 17.02.2023

Max.Marks:20

Max Time: 30mins

Select The Correct Answer for the Following.

1.What is the full form of “AI”?

a) Artificially Intelligent

c) Artificially Intelligence

b) Artificial Intelligence

d) Advanced Intelligence

2.Who is the inventor of Artificial Intelligence?

a) Geoffrey Hinton

c) John McCarthy

b) Andrew Ng

d) Jürgen Schmidhuber

3.Which of the following is the branch of Artificial Intelligence?

a) Machine Learning

c) Full-Stack Developer

b) Cyber forensics

d) Network Design

4.How many categories process of Artificial Intelligence

a) 5 categories

c) 3 categories

b) based on the input provided

d) process is not categorized

5.Based on which of the following parameter Artificial Intelligence is categorized?

a) Functionally only

c) capabilities and functionally

b) Capabilities only

d) It is not categorize

6.Which of the following is a component of Artificial Intelligence?

a) Learning

c) Designing

b) Training

d) Puzzling

7.Which of the following is not a type of Artificial Intelligence agent?

a) Learning AI agent

c) Simple reflex AI agent

b) Goal-based AI agent

d) Unity-based AI agent

PTO



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8. Which of the following is not the commonly used programming language for Artificial Intelligence? (a)

- a) Perl
- b) Java
- c) PROLOG
- d) LISP

9. Which of the following is not an application of artificial intelligence? (c)

- a) Face recognition system
- b) Chatbots
- c) LIDAR
- d) DBMS

10. Which of the following machine requires input from the humans but can interpret the outputs themselves? (d)

- a) Actuators
- b) Sensor
- c) Agents
- d) AI system

11. The total number of logical symbols in AI are _____ (b)

- a) 3 logical symbols
- b) 5 logical symbols
- c) Based on the input
- d) Logical symbols are not used

12. Which of the following are the approaches to Artificial Intelligence? (a)

- a) Applied approach
- b) Strong approach
- c) Weak approach
- d) All of the mentioned

13. What is Artificial Intelligence development of intelligence system

14. Write 2 applications of Artificial Intelligence language understanding and problem solving

15. What is the function of an Artificial Intelligence "Agent"? perceives action

16. What is the function of the system Student which can read solve algebra work

17. How many number of search method are in Artificial intelligence 4

18. What is the goal of Artificial Intelligence _____

19. What is the name of the Artificial Intelligence system developed by Daniel

Bobrow system known as simp

20. Which of the Which can improve the performance of an AI

agent learning





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(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

A REPORT ON

Five days Training Program 2023 on

“Chemistry in times of Artificial Intelligence”

Date: 13th February 2023 to 17th February 2023

At: Aditya Pharmacy College

TRAINING PROGRAM OVERVIEW:

The primary focus of this Training Program is to give insights on the topic “Chemistry in times of Artificial Intelligence”

Resource Person:

T.Sri Sowkhya, M. Pharmacy.,

Assistant Professor

Department of Pharmaceutical Chemistry,

Aditya Pharmacy College,

Surampalem.

With the Associations of

1) Mr. SK. Rafi, M. Pharmacy.,

Assistant Professor,

Department of Pharmaceutical Chemistry,

Aditya Pharmacy College,

Surampalem.

2) Ms.L.Parinaya Sri, M. Pharmacy.,

Assistant Professor,

Department of Pharmaceutical Analysis,

Aditya Pharmacy College,

Surampalem.

3) Mr.G.Durga Rao, M. Pharmacy.,

Assistant Professor,

Department of Pharmaceutical Chemistry,



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Aditya Pharmacy College
SURAMPALAM-533 437

Aditya Pharmacy College,

Surampalem

Title: A Five days Training Program on “Chemistry in times of Artificial Intelligence”

Schedule of Training Program:

Date: 13th February 2023 to 17th February 2023

Course Duration: 5 days (30 hours)

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

Course Period: 13-02-2023 to 17-02-2023.

Target Audience: Students from IV B. Pharmacy

No of Students Attended: 43

Department of pharmaceutical chemistry conducted a five days training program on “Chemistry in times of Artificial Intelligence” to enhance the knowledge on **Drug design & development** by Ms T. Sri Sowkhya, who has been working as an Assistant Professor at Aditya Pharmacy College, Surampalem was invited to be the Resource Person. she conducted the entire programme with the associations of Mr. SK. Rafi, Ms. L.Parinaya Sri & G.Durga Rao. Schedule for the program and prepared power point presentation on “Chemistry in times of Artificial Intelligence” was sent to all faculty members and students. In this program 40 students were participated.

The speakers described “Chemistry in times of Artificial Intelligence” effectively. Participants gave the feedback form and concluded the program with thanks note to the speaker.

Course co-ordinator



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ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM

Title: "Chemistry in times of Artificial Intelligence"

Date: 13-02-2023 to 17-02-2023, Venue: Seminar Hall, Aditya Pharmacy College

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

	13-02-2023	14-02-2023	15-02-2023	16-02-2023	17-02-2023
Overall feedback on the course	Good	v good	v good	good	good
Overall feedback on the trainer	v good	Excellent	v good	good	good
How well was the training structured	good	v good	v good	very good	v good
How easy was it to understand the content	v good	good	good	good	v good
How effectively did the trainer manage the group	Excellent	v good	excellent	excellent	Excellent
How clear were the trainer's presentation skills	v good	v good	very good	good	good
Did the training meet your personal expectations	good	good	good	good	Excellent





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

CERTIFICATE OF PARTICIPATION

This is to certify that

AMAN MANDAL (19361R0001)

(ADITYA PHARMACY COLLEGE)

has participated in the Training Program 2023 on

"CHEMISTRY IN TIMES OF ARTIFICIAL INTELLIGENCE"

organized by *ADITYA PHARMACY COLLEGE* from 13th - 17th February, 2023.

His / Her Participation is highly appreciated.

N. Satish Reddy

Dr. N. SATISH REDDY

VICE-CHAIRMAN



Dr. D. Sathis Kumar

Dr. D. SATHIS KUMAR

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Aditya Pharmacy College

SURAMPALEM-533 437



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ADD ON/CERTIFICATE PROGRAM

2022-2023

Name of Add on /Certificate programs offered	Year of offering	Number of Students completing the course in the year	Type of add on course
Applications of CHEMDRAW as an analytical tool	IV YEAR Pharm D & B. Pharm	53	Self - Framed Course

- BROCHURE
- PROPOSAL LETTER
- CIRCULAR
- REGISTRATION
- COURSE SCHEDULE
- ATTENDANCE SHEET
- TEST PAPER
- REPORT
- FEED BACK
- CERTIFICATE



Principal
Aditya Pharmacy College
SURAMPALM-533 437

Course schedule

Day- 1 (20-02-2023)

Topic: Introduction to structure of organic molecules

Presenter: Dr.RAMAKRISHNA

Day-2 (21-02-2023)

Topic: Introduction to analytical tools of chemistry

Presenter: Mr. SHAIK.RAFI

Day-3 (22-02-2023)

Topic: Introduction to chemdraw

Presenter: Ms.L.PARINAYASRI

Day-4 (23-02-2023)

Topic: Practical on chemdraw

Presenter: Mr. G. Durgarao

Day-5 (24-02-2023)

Topic: Applications of chemdraw

Presenter: Ms. T. Sowkhya

Limited
Seats

Short course on Chemdraw as an analytical tool

Who can attend

B. Pharm and Pharm.D.Students

Convener

Dr. D. SATHISKUMAR
Principal

Resource person

Dr.K.RAMAKRISHNA
Associate Professor

Course Coordinators

Mr. SHAIK.RAFI
Associate Professor

Ms.L.PARINAYASRI
Assistant Professor

Mr. G.DURGARAO
Assistant Professor

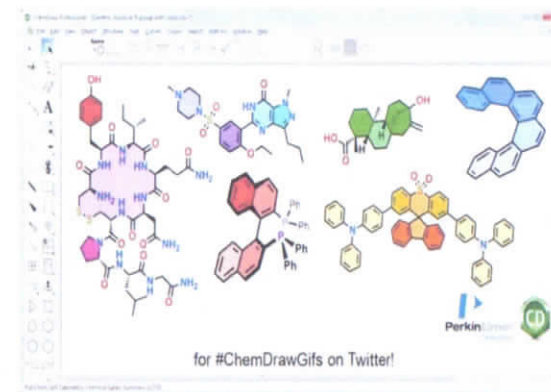


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Chemdraw as an analytical tool

20-02-2023 to 24-02-2023

Last Date for Registration: 15-09-2023
(No registration fee)



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(ADITYA NAGAR, ADB ROAD, SURAMPALEM 533 437, EGO VR 9866576663, 08852-200005)

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PROPOSAL LETTER

To,
The Principal,
Aditya Pharmacy College,
Surampalem.

Dt: 12-02-2023

Respected sir,

Sub: Request for your approval to organize a certification course/ Add-on Program on
“Applications of Chemdraw as an analytical tool” - 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 advances, use of Chemdraw in molecular drawing and analysis with the help of our staff. We hope and assure this training programme will be more helpful to the students in theoretical and practical point of view. In this regard we are requesting your permission for further proceedings.

Resource Person: Dr. K. Ramakrishna M.Pharm, Ph.D.
Aditya College of Pharmacy

Coordinated by: Mr.Sk.Rafi Assoc. Prof,
Mr. G.Durgarao Assist. Prof,
Mis.L.Parinayasri Assist. Prof

Course Coordinator :



Principal

ADITYA PHARMACY COLLEGE

Aditya Nagar, ADB Road, Surampalem

Date: 12.02.2023

CIRCULAR

This is to inform all IV B. Pharm and IV. Pharma D students that Department of Pharmaceutical chemistry conducting a five-day short course on “**Applications of Chemdraw as an analytical tool**” from 20-2-23 to 24-2-23

The interested students can register for the course on or before 16-02-2023




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Mobile: 9866576663

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

Student Signature:

REGISTRATION FORM

NAME	T. Manikanta
Roll No.	20361 R00061
Course (B.Pharm/Pharma D)	B. Pharmacy
Year	IV year
Registration for	Application of Chromatogram as an analytical tool.
Duration	20-02-2023 to 24-02-2023.

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

Student Signature:

(Signature)



Aditya Pharmacy
SURAMPALAM-533437

(Signature)

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

ACADEMIC YEAR: 2022-23

COURSE SCHEDULE

COURSE NAME: "Applications of Chemdraw as an analytical tool

COURSE OBJECTIVE:

(30 HRS)

- To Understand the various techniques in drawing chemical structures
- To understand the principle and methodologies involved in chemdraw usage.
- To know the applications of chemdraw software in Pharmaceutical science.

Day I: 20-02-2023

Module I:

- Chemdraw introduction
- Various types of techniques in chemdraw

Day 2: 21-02-23

Module II:

- Principles of various molecular designing techniques in chemdraw

Day 3: 22-02-23

Module III:

- Drawing of various molecular structures

Day 4: 23-02-23

Module IV:

- To understand how to read a chemical structure diagram?

Day 5: 24-02-23

Module V:

- Applications of chemdraw

REFERENCE:

1. <https://guides.libraries.uc.edu/chembio-software/chemdraw>
2. <https://revvitysignals.com/products/research/chemdraw>.
3. <https://pubs.acs.org/doi/pdf/10.1021/ed082p1340>

Course Outcome:

- To learn the various techniques in drawing chemical structures.
- To learn the principle, and working of chemdraw soft ware.
- To learn the applications of chemdraw.

Course Coordinator



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ADITYA PHARMACY COLLEGE

Course Title: Chemdraw as an analytical tool

Course Period:20-2-23 to 24-2-23

List of students registered for the course

S.No.	Roll No.	Name of the Student	Course	Year	Signature
1	203G1R00061	TADALA MANIKANTA	B.Pharm	IV	T Manikanta
2	203G1R00062	TURIBATLA SRI MERCY	B.Pharm	IV	T. Sri Mercy
3	203G1R00063	V V SATYA SAI BHUMIKA NAKKA	B.Pharm	IV	vv so S. Bhumika Nakka
4	203G1R00064	YALAGAPATI SONAPADMINI	B.Pharm	IV	y. sonapadmini
5	203G1R00066	DHAVILESWARAPU NAGA SIVANI	B.Pharm	IV	D.N. Sivani
6	203G1R00067	DODDIPATLA RAMAKRISHNA	B.Pharm	IV	D. Ramakrishna
7	203G1R00068	LAKSHMI RATNA SREE KANCHARLA	B.Pharm	IV	L.R.S. Kancharla
8	203G1R00069	SANA NAGA SATISH	B.Pharm	IV	S. Naga Satish
9	203G1R00070	SOUMYA SAMANTA	B.Pharm	IV	S. Samanta
10	203G1R00071	PRIYANKA CHOUDHARY	B.Pharm	IV	P. Priyanka
11	203G1R00072	RAUSHAN KUMAR YADAV	B.Pharm	IV	R. K. Yadav
12	203G1R00074	PAWAN KUMAR	B.Pharm	IV	Pawan Kumar
13	203G1R00075	SIMRAN	B.Pharm	IV	Simran
14	203G1R00076	PREMABATI KUMARI SINGH	B.Pharm	IV	P. Singh
15	203G1R00077	PRATIYUSH SRIVASTAVA	B.Pharm	IV	P. S.
16	203G1R00078	MUSUNOORI LAKSHMI TEJASWI	B.Pharm	IV	M.L. Tejaswini
17	203G1R00079	AMAN BACHHAR	B.Pharm	IV	A. Bachhar
18	203G1R00080	SOURAV CHAKRABORTY	B.Pharm	IV	S. Chakraborty
19	203G1R00081	EDALA SRI SINDHU	B.Pharm	IV	E. Sindhu
20	203G1R00082	RABINDRA PRASAD YADAV	B.Pharm	IV	R.P. Yadav
21	203G1R00083	MOHAMMED DANISHRAFI KHAN	B.Pharm	IV	M.D. Khan
22	203G1R00084	SHEKH ABDUL AHAD	B.Pharm	IV	Sk. Abdul Ahad
23	203G1R00085	NARAYAN YADAV	B.Pharm	IV	N. Yadav
24	203G1R00086	SONU TELI	B.Pharm	IV	S. Teli
25	203G1R00087	DWARAMPUDI SAI DEEPTHI RANI	B.Pharm	IV	D.S.D. Rani
26	203G1R00088	NITESH KUMAR YADAV	B.Pharm	IV	N. K. Yadav
27	203G1R00089	U LAKSHMI SATYA TULASI KOTHAPALLI	B.Pharm	IV	U. Satya
28	203G1R00090	KOPPULA MANASWI	B.Pharm	IV	M. Manaswi
29	203G1R00091	RAJANA ALEKHIA	B.Pharm	IV	R. Alekhia
30	203G1R00092	PUROHITH PANJI	B.Pharm	IV	P. Panji
31	203G1R00093	RABINDRA KUMAR CHAUDHARY	B.Pharm	IV	R. Kumar
32	203G1R00094	MOGILIKOLLA SURESH	B.Pharm	IV	S. Suresh

S.No.	Roll No.	Name of the Student	Course	Year	Signature
33	203G1R00095	YAKA VANI DURGA PRASANNA	B.Pharm	IV	<i>Prasanna</i>
34	203G1R00096	BIKASH BARUAH	B.Pharm	IV	<i>Baenuh</i>
35	203G1R00097	MANDAPAKA SUDHA MANJOOSHA	B.Pharm	IV	<i>M.S Manjoosha</i>
36	203G1R00098	GANDHAM SIVA PRASAD	B.Pharm	IV	<i>GSPreved</i>
37	203G1R00099	CHALLAPALLI UDAYA SANDHYA	B.Pharm	IV	<i>CU Sandhya</i>
38	173G1T0001	ANANYA HAZRA	Pharm.D	V	<i>ANAYA HAZRA</i>
39	173G1T0003	DENA BIJU	Pharm.D	V	<i>Deni bifu</i>
40	173G1T0004	GUBBALA NAVYA SRI	Pharm.D	V	<i>G. NAVYASH</i>
41	173G1T0005	GUDALA PREETHI SHARON	Pharm.D	V	
42	173G1T0006	OGBODO CHIELOKA OBETA	Pharm.D	V	<i>O.C.H.O BETA</i>
43	173G1T0007	KANURI JYOTHI	Pharm.D	V	<i>K. Jyothi</i>
44	173G1T0008	KORANGI PUJITHA	Pharm.D	V	<i>K. Pujitha</i>
45	173G1T0010	NAKKA ANAND RAJU	Pharm.D	V	<i>N. Anand Raju</i>
46	173G1T0011	NALLAPARAJU LALITHA SANJANA	Pharm.D	V	<i>N. Lalitha</i>
47	173G1T0012	NARAPUREDDI AMRUTHA	Pharm.D	V	<i>N. Amrutha</i>
48	173G1T0013	PALLETI DIVYA	Pharm.D	V	<i>P. Divya</i>
49	173G1T0014	PILLA LALITHA SAI CHANDANA	Pharm.D	V	<i>P.L.S. Chandana</i>
50	173G1T0015	SRUJANA PABBINEEDI	Pharm.D	V	<i>S. pabbineedi</i>
51	173G1T0016	SUJITA KASHYAP	Pharm.D	V	<i>Sujita kashyap</i>
52	173G1T0017	TENZIN CHOMU	Pharm.D	V	<i>T. chomu</i>
53	173H1T0006	ERELLA SOUMYA SREE	Pharm.D	V	<i>E. Soumya</i>



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ADITYA PHARMACY COLLEGE

Course Title: Chemdraw as an analytical tool

Course Period: 20-02-23 to 24-02-23

Attendance Sheet

S.No.	Roll No.	Name of the Student	20.02.2023		21.02.2023		22.02.2023		23.02.2023		24.02.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	203G1R00061	TADALA MANIKANTA	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta	T. Manikanta
2	203G1R00062	TURIBATLA SRI MERCY	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy	T. Sri Mercy
3	203G1R00063	V V SATYA SAI BHUMIKA NAKKA	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka	V.V.S.S. Bhumika Nakka
4	203G1R00064	YALAGAPATI SONAPADMINI	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi	Y. Sonapadmi
5	203G1R00066	DHAVILESWARAPU NAGA SIVANI	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani	D.N. Sivani
6	203G1R00067	DODDIPATLA RAMAKRISHNA	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna	D.R. Krishna
7	203G1R00068	LAKSHMI RATNA SREE KANCHARLA	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla	L.R.S. Kancharla
8	203G1R00069	SANA NAGA SATISH	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish	Sana Naga Satish
9	203G1R00070	SOUMYA SAMANTA	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta	Soumya Samanta
10	203G1R00071	PRIYANKA CHOUDHARY	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary	P. Choudhary
11	203G1R00072	RAUSHAN KUMAR YADAV	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav	R.K. Yadav
12	203G1R00074	PAWAN KUMAR	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar	P. Kumar
13	203G1R00075	SIMRAN	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran
14	203G1R00076	PREMABATI KUMARI SINGH	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh	P. Singh
15	203G1R00077	PRATIYUSH SRIVASTAVA	P. S.	P. S.	P. S.	P. S.	P. S.	P. S.	P. S.	P. S.	P. S.	P. S.
16	203G1R00078	MUSUNOORI LAKSHMI TEJASWI	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi	M.L. Tejaswi
17	203G1R00079	AMAN BACHHAR	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar	A. Bachhar
18	203G1R00080	SOURAV CHAKRABORTY	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy	S. Chy
19	203G1R00081	EDALA SRI SINDHU	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu	E. Sindhu
20	203G1R00082	RABINDRA PRASAD YADAV	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav	R.P. Yadav
21	203G1R00083	MOHAMMED DANISHRAFI KHAN	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan	M. Khan

S.No.	Roll No.	Name of the Student	20.02.2023		21.02.2023		22.02.2023		23.02.2023		24.02.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
22	203G1R00084	SHEKH ABDUL AHAD	SKA	SKA	SKA	SKA	SKA	SKA	SKA	SKA	SKA	SKA
23	203G1R00085	NARAYAN YADAV	Ny	Ny	Ny	Ny	Ny	Ny	Ny	Ny	Ny	Ny
24	203G1R00086	SONU TELI	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli	S.Teli
25	203G1R00087	DWARAMPUDI SAI DEEPTHI RANI	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani	DSDRani
26	203G1R00088	NITESH KUMAR YADAV	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum	Nitshkum
27	203G1R00089	U LAKSHMI SATYA TULASI KOTHAPALLI	satya	satya	satya	satya	satya	satya	satya	satya	satya	satya
28	203G1R00090	KOPPULA MANASWI	Manasw	Manasw	Manasw	Manasw	Manasw	Manasw	Manasw	Manasw	Manasw	Manasw
29	203G1R00091	RAJANA ALEKHYA	alekhy	alekhy	alekhy	alekhy	alekhy	alekhy	alekhy	alekhy	alekhy	alekhy
30	203G1R00092	PUROHITH PANJI	Panji	Panji	Panji	Panji	Panji	Panji	Panji	Panji	Panji	Panji
31	203G1R00093	RABINDRA KUMAR CHAUDHARY	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar	kumar
32	203G1R00094	MOGILIKOLLA SURESH	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
33	203G1R00095	YAKA VANI DURGA PRASANNA	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna	Prasanna
34	203G1R00096	BIKASH BARUAH	Baerul	Baerul	Baerul	Baerul	Baerul	Baerul	Baerul	Baerul	Baerul	Baerul
35	203G1R00097	MANDAPAKA SUDHA MANJOOSHA	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo	M.S Manjoo
36	203G1R00098	GANDHAM SIVA PRASAD	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad	G.S Prasad
37	203G1R00099	CHALLAPALLI UDAYA SANDHYA	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya	C.U Sandhya
38	173G1T0001	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA	ANANYA HAZRA
39	173G1T0003	DENA BIJU	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju	Deni biju
40	173G1T0004	GUBBALA NAVYA SRI	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya	G.Navya
41	173G1T0005	GUDALA PREETHI SHARON	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon	G.P Sharon
42	173G1T0006	OGBODO CHIELOKA OBETA	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta	O.Ch. Obeta
43	173G1T0007	KANURI JYOTHI	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi	K.Jyothi
44	173G1T0008	KORANGI PUJITHA	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha	K.Pujitha

S.No.	Roll No.	Name of the Student	20.02.2023		21.02.2023		22.02.2023		23.02.2023		24.02.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
45	173G1T0010	NAKKA ANAND RAJU	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana	N.Ana
46	173G1T0011	NALLAPARAJU LALITHA SANJANA	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha	N.Lalitha
47	173G1T0012	NARAPUREDDI AMRUTHA	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha	N.Amrutha
48	173G1T0013	PALLETI DIVYA	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya	P.Divya
49	173G1T0014	PILLA LALITHA SAI CHANDANA	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand	P.L.Schand
50	173G1T0015	SRUJANA PABBINEEDI	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi	S.Pabbineedi
51	173G1T0016	SUJITA KASHYAP	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap	S.Kashyap
52	173G1T0017	TENZIN CHOMU	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu	T.Chomu
53	173H1T0006	ERELLA SOUMYA SREE	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya	E.Soumya



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ADITYA PHARMACY COLLEGE

Course Title: Chemdraw as an analytical tool.

Course Period: 20-02-23 to 24-02-23

Certificate Issued List

S.No.	Roll No.	Name of the Student	Signature
1	203G1R00061	TADALA MANIKANTA	T. Manikanta
2	203G1R00062	TURIBATLA SRI MERCY	T. Sri Mercy.
3	203G1R00063	V V SATYA SAI BHUMIKA NAKKA	v.v. S. S. Bhunika
4	203G1R00064	YALAGAPATI SONAPADMINI	Y. Sonapadmini
5	203G1R00066	DHAVILESWARAPU NAGA SIVANI	D. N. Sivani
6	203G1R00067	DODDIPATLA RAMAKRISHNA	D. Ramakrishna
7	203G1R00068	LAKSHMI RATNA SREE KANCHARLA	L. R. S. Kancharla
8	203G1R00069	SANA NAGA SATISH	S. Naga Satish
9	203G1R00070	SOUMYA SAMANTA	S. Samanta
10	203G1R00071	PRIYANKA CHOUDHARY	P. Choudhary
11	203G1R00072	RAUSHAN KUMAR YADAV	R. K. Yadav
12	203G1R00074	PAWAN KUMAR	Pawan Kumar
13	203G1R00075	SIMRAN	Simran
14	203G1R00076	PREMABATI KUMARI SINGH	P. Singh
15	203G1R00077	PRATIYUSH SRIVASTAVA	P. Srivastava
16	203G1R00078	MUSUNOORI LAKSHMI TEJASWI	M. L. Tejaswini
17	203G1R00079	AMAN BACHHAR	A. Bachhar
18	203G1R00080	SOURAV CHAKRABORTY	S. Chakraborty
19	203G1R00081	EDALA SRI SINDHU	E. Sindhu
20	203G1R00082	RABINDRA PRASAD YADAV	R. P. Yadav
21	203G1R00083	MOHAMMED DANISHRAFI KHAN	M. D. Khan
22	203G1R00084	SHEKH ABDUL AHAD	S. K. Abdul Ahad
23	203G1R00085	NARAYAN YADAV	N. Yadav
24	203G1R00086	SONU TELI	S. Teli
25	203G1R00087	DWARAMPUDI SAI DEEPTHI RANI	D. S. D. Rani
26	203G1R00088	NITESH KUMAR YADAV	Nitesh Kumar Yadav
27	203G1R00089	U LAKSHMI SATYA TULASI KOTHAPALLI	U. Satya
28	203G1R00090	KOPPULA MANASWI	Manaswi
29	203G1R00091	RAJANA ALEKHYA	R. Alekhya

S.No.	Roll No.	Name of the Student	Signature
30	203G1R00092	PUROHITH PANJI	Panji
31	203G1R00093	RABINDRA KUMAR CHAUDHARY	Kumar
32	203G1R00094	MOGILIKOLLA SURESH	Suresh
33	203G1R00095	YAKA VANI DURGA PRASANNA	Prasanna
34	203G1R00096	BIKASH BARUAH	Baruah
35	203G1R00097	MANDAPAKA SUDHA MANJOOSHA	M.S. Manjoosha
36	203G1R00098	GANDHAM SIVA PRASAD	Gs Prasad
37	203G1R00099	CHALLAPALLI UDAYA SANDHYA	CU Sandhya
38	173G1T0001	ANANYA HAZRA	ANANYA HAZRA
39	173G1T0003	DENA BIJU	Deni biju
40	173G1T0004	GUBBALA NAVYA SRI	G. NAVYA SRI
41	173G1T0005	GUDALA PREETHI SHARON	G. Preethi Sharon
42	173G1T0006	OGBODO CHIELOKA OBETA	O.C.H. Obeta
43	173G1T0007	KANURI JYOTHI	K. Jyothi
44	173G1T0008	KORANGI PUJITHA	K. Pujitha
45	173G1T0010	NAKKA ANAND RAJU	N. Anand Raju
46	173G1T0011	NALLAPARAJU LALITHA SANJANA	N. Lalitha
47	173G1T0012	NARAPUREDDI AMRUTHA	N. Amrutha
48	173G1T0013	PALLETI DIVYA	P. Divya
49	173G1T0014	PILLA LALITHA SAI CHANDANA	P.L.S. Chandana
50	173G1T0015	SRUJANA PABBINEEDI	S. pabbineedi
51	173G1T0016	SUJITA KASHYAP	Sujita Kashyap
52	173G1T0017	TENZIN CHOMU	T. Chomu
53	173H1T0006	ERELLA SOUMYA SREE	E. Soumya



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ADITYA PHARMACY COLLEGE

Short course on

“APPLICATIONS OF CHEMDRAW AS AN ANALYTICAL TOOL”

(20-02-2023 to 24-02-2023)

Date: 24-02-2023

Max Marks: 20.

Max Time: 20 minutes

ANSWER ALL THE QUESTIONS

Note: Each short answer type question carries 2 marks

1. Where will you Find the molecular formula for the structure in chem draw (b)
a) Top left in the toolbar
✓b) Analysis window
c) A and b
d) None of the above
2. How do you get symbol in chemdraw (a)
a) go to View → Show Character Map Window → select desired character
b) go to View → Show Structure Map Window → select desired character
c) go to View → Show Page Map Window → select desired character
d) All of the above
3. How do you find the structure name in ChemDraw? (a)
a) using the convert Name to Structure (Name=Struct)
b) using the convert structure to Structure (structure=name)
c) go to analysis window
d) none of the above
4. How do I import a structure into ChemDraw? (a)
a) Click the Import/Open icon.
b) Click the Choose File button and navigate to the mol file you saved to import
c) Select the file, and then click the Open button
d) All of the above
5. How do you select atoms in ChemDraw? (a)
a) Double tapping on an atom or bond will select the entire molecule.
b) Click on the File button and move down to the Save As button.
c) On the File menu, point to Open Special, and then choose New Templates.
d) All of the above



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SECTION-II

(Answer the following questions in one word or two, each question carries 3 marks)

1. What is the purpose of chemdraw ?

The purpose of Chemdraw is to draw the chemical structures

2. How do you select a structure in chemdraw ?

Go to main menu, Select Structures

3. How do you connect molecules in chemdraw?

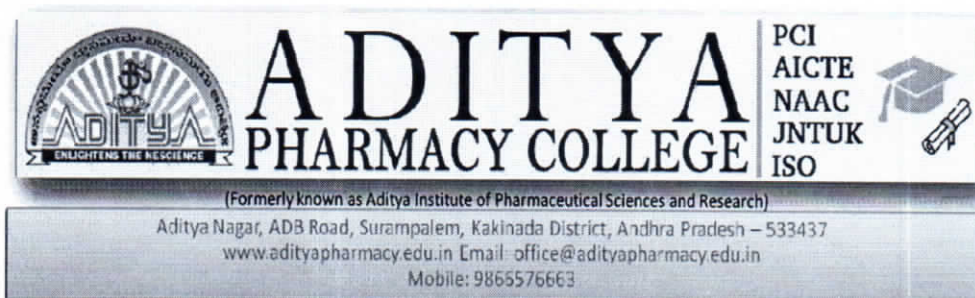
In left hand side Go to tool bar select you will get different symbols of atoms.

4. What are the advantages of chemdraw?

With a single click we can predict molecular weight, formula, m.p. etc.

5. What are the applications of chemdraw?

You can get the data of all varieties of molecules without laboratory experiments.



A REPORT ON

Five days training programme on: **Applications of Chemdraw as an analytical tool**

Course Period: 20-2-2023 to 24-2-2023

Venue: Aditya Pharmacy College

ADD-ON- PROGRAM OVERVIEW:

The main objective of this five days add-on- program was to give insights on **“Applications of Chemdraw as an analytical tool”**

Resource Person: Dr. K. RAMAKRISHNA M.Pharm, Ph.D. Aditya College of Pharmacy

Title: A five days training add-on- program on **“Applications of Chemdraw as an analytical tool”**

Schedule of Add-on- program: Date: 20-2-2023 to 24-2-2023

Course Duration: 5 days (30 hours)

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

Course Period: 20-2-2023 to 24-2-2023

Target Audience: Students from IV B. Pharm sec-B and V.Pharma.D

No of Students Attended: 53

Department of Pharmaceutical conducted a Five days add-on-program on Applications of Chemdraw as an analytical tool to enhance the knowledge on chemdraw soft ware for molecular design and application.

Dr. K.RAMAKRISHNA M.Pharm, Ph.D working as Professor, Aditya Pharmacy College and Surampalem was invited to be the Resource Person. He conducted the entire programme with the assistance, coordination and in association with Mr. G.Durgarao Assist. Prof, Mis.L.Parinayasri Assist. Prof, and Mr.Sk.Rafi Assoc. Prof, Schedule for the programme and Power Point Presentation on **“Applications of Chemdraw as an analytical tool”** was sent to all the faculty members and students. In this program 53 Students were participated.

The speakers delivered the power point presentation on **“Applications of Chemdraw as an analytical tool”** and the participants were given the feedback form. The programme was concluded with vote of thanks to the speaker.


Course coordinator


Principal
Aditya Pharmacy College
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ADITYA PHARMACY COLLEGE, SURAMPALEM

FEED BACK FORM FOR COURSE

“Applications of CHEMDRAW as an analytical tool”

Date: 20-2-23 to 24-2-23 Roll number

Venue: Pharmaceutical chemistry Lab, Aditya Pharmacy College

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

	20-02-2023	21-02-2023	22-02-2023	23-02-2023	24-02-2023
Overall feedback on the course	4	4	3	4	3
Overall feedback on the trainer	2	3	4	4	4
How well was the training structured	4	4	4	3	4
How easy was it to understand the content	4	3	4	4	3
How effectively did the trainer manage the group	4	3	4	4	4
How clear were the trainer's presentation skills	3	3	4	4	4
Did the training meet your personal expectations	4	4	4	4	4



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