

# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

ELURU – 534007, W.G. DIST.

(Approved by AICTE, Affiliated to Andhra University, Visakhapatnam, Approved by PCI)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: sircrreddypharmacy@gmail.com  
Website: www.sircrcops.edu.in  
Phone: (O) 08812 – 231492

## List of Certificate/ Add-on Programs

Date: .....

Academic Year: 2021 - 2022

S.No	Name of the Program	Duration of Course	No. of Participants
1	A Two Week Certificate Programme on Biomaterials and advanced nano - delivery systems	11 / 10 / 2021 to 29 / 10 / 2021	55
2	A Two Week Certificate Programme on HPLC & GC-Its Applications In Chemical Research	08 / 11 / 2021 to 22 / 11 / 2021	58
3	A Two Week Certificate Programme on Pharmacovigilance And Drug Safety Monitoring	06 / 12 / 2021 to 20 / 12 / 2021	32
4	A Two Week Certificate Programme on Preparing the CMC section for NDA & IND	17 / 01 / 2022 to 31 / 01 / 2022	60
5	A Two Week Certificate Programme on Novel approach strategies of herbal formulation	14 / 02 / 2022 to 28 / 02 / 2022	57
6	A Two Week Certificate Programme on Recent approaches to moment disorders	10 / 03 / 2022 to 24 / 03 / 2022	32
7	A Two Week Certificate Programme on Recent Quality Control Systems - API To Consumer	04 / 04 / 2022 to 22 / 04 / 2022	23



  
DEAN

(ACADEMICS)

DEAN  
(ACADEMICS)  
SIR C.R. REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007

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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

04 / 10 / 2021


Date:.....

## CIRCULAR

This is to inform to all IV B. Pharmacy students that A Two Week Certificate Programme on **"Biomaterials and advanced nano - delivery systems"** by **Mrs. S. Madhavi**, is scheduled to conduct from 11 / 10 / 2021 to 29 / 10 / 2021 at lecture hall - 3 ( Room No.27 ). All the students are instructed to enrol their names with programme coordinator on or before 07 / 10 / 2021.

**Programme Co-ordinator:** Mrs. Ch. Amulya,  
Assistant Professor ,  
Dept. of pharmaceuticals.



  
**DEAN  
( ACADEMICS )**  
**DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007**

### Copy to:

Head of Department's

Training and placement officer

Office

Library

Notice Board



## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :  
.....  
.....

Mobile : .....

email : .....



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. RAJA RAMA MOHANA RAO**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. M. ESWAR GUPTA**

Professor, Pharmacology

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mrs. CH. AMULYA**

Assistant Professor,

Dept. of Pharmaceutics

Resource Person :

**Mrs. S. MADHAVI**

Associate professor,

Department of Pharmaceutics,

Vikas College of Pharmacy.

Vissannapeta.

Phone No:9441418932

ADDRESS FOR COMMUNICATION :

**Mrs. CH. AMULYA**

Assistant Professor,

Dept. of Pharmaceutics

SIR C.R. Reddy College of Pharmaceutical Sciences, Eluru

Email : amulya2906@gmail.com

Contact Number : 8179173834

**Sir C.R.Reddy College of  
Pharmaceutical Sciences**



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Santhi Nagar, Eluru, West Godavari District  
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A Two Week  
Certificate Programme  
on

**Bio materials and  
advanced nano -  
delivery systems**

Dates :

**11 / 10 / 2021 to 29 / 10 / 2021**

Venue :

**LECTURE HALL - 3 ( ROOM NO.27)**

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep pace with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology – 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The Department of Pharmaceutics was established in 2011 with equipments like Tablet punching machine, Dissolution apparatus, Orbital shaking incubator, 8-Basket dissolution apparatus, Brookfield Viscometer, Hot air Oven, Stability chamber, Disintegration apparatus. The major apparitions for the Department are to inculcate how the me-too active pharmaceutical ingredients can be converted into outcome-oriented as well as patient-friendly end user formulations.

The basic knowledge about pharmaceutical technology and the proper way to get patent for their innovative ideas are the additional unique features of the program blended with the presence of highly-reputed faculty members with vast experience.

### About the Programme

- To get the biomaterials usage in different formulations.
- Application of biomaterials in different disease.
- To get an idea about Exosome Isolation and Characterization

### Objective of the Programme

- To know the role of biomaterials like living tissue & artificial materials used for the repair, replacement & stimulation of biological systems.
- To know the importance of nanotechnology in the development of biomolecules

### Topics to be Covered

- Introduction to biomaterials
- Characteristics & uses of biomaterials
- Sources & safety of biomaterials
- Regulatory guidelines for biomaterials.
- Applications o biomaterials as nano delivery systems.
- Applications of biomaterials in diseases.
- Application of biomaterials in Pharmacy.
- Future scope of biomaterials
- Natural biopolymers
- Early bio markers of neurodegenerative diseases
- Exosome Composition, Biogenesis, and Mechanism of Action
- Exosome Isolation and Characterization



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Phone: (0) 08812 - 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on "Biomaterials and advanced nano – delivery systems"

## DAY – WISE TOPICS SCHEDULE

AY: 2021-2022

Day	Date	Topic covered
1	11 / 10 / 2021	Introduction to biomaterials
2	12 / 10 / 2021	Characteristics & uses of biomaterials
3	18 / 10 / 2021	Sources & safety of biomaterials
4	20 / 10 / 2021	Regulatory guidelines for biomaterials.
5	21 / 10 / 2021	Applications o biomaterials as nano delivery systems.
6	22 / 10 / 2021	Applications of biomaterials in diseases.
7	23 / 10 / 2021	Applications of biomaterials in Pharmacy.
8	25 / 10 / 2021	Future scope of biomaterials
9	26 / 10 / 2021	Natural biopolymers
10	27 / 10 / 2021	Early biomarkers of neurodegenerative diseases
11	28 / 10 / 2021	Exosome Composition, Biogenesis, and Mechanism of Action
12	29 / 10 / 2021	Exosome Isolation and Characterization



*ch. Arjun*  
Programme Co-ordinator



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Date: .....

**Name of the programme:** A Two Week Certificate Programme on "Biomaterials and advanced nano - delivery systems"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	618178101001	BHARGAVI LANKA	IV YEAR BPHARM	L. Bhargavi
2	618178101002	CHINMAYANANDA BALE	IV YEAR BPHARM	Ch. Ananda Bale
3	618178101004	DHARANI NEERULLA	IV YEAR BPHARM	N. Dhara
4	618178101005	DIVYA LENKA	IV YEAR BPHARM	L. Divya
5	618178101006	SAMYUKTHA CH	IV YEAR BPHARM	Ch. Samyuktha
6	618178101008	GAYATHRI PONNATI	IV YEAR BPHARM	P. Gayathri
7	618178101009	G SAI DEVI ALEKHYA K	IV YEAR BPHARM	G. Sai Alekhye
8	618178101010	HEMANTH KUMAR Y	IV YEAR BPHARM	Y. Hemanth
9	618178101011	KEERTHANA LELLA	IV YEAR BPHARM	Keerthana L
10	618178101012	KRUSHISANGEETA K	IV YEAR BPHARM	Sangeetha K
11	618178101013	LAKSHMI PRASANNA B	IV YEAR BPHARM	B. Prasanna
12	618178101014	LATHA SRI KANITHI	IV YEAR BPHARM	K. Latha
13	618178101015	LEELA MAHESWARI P	IV YEAR BPHARM	Leela Maheswari
14	618178101016	MADHAV VEMIREDDY	IV YEAR BPHARM	MADHAV
15	618178101017	MAHESWARI AMBATI	IV YEAR BPHARM	Maheswari A
16	618178101018	MANISHA KAYALA	IV YEAR BPHARM	Manisha K
17	618178101019	MEGHANA KOPPULA	IV YEAR BPHARM	K. Meghana
18	618178101020	MOHANA ANJANI K	IV YEAR BPHARM	M. Mohana Anjan K
19	618178101021	NAGA LAVANYA M	IV YEAR BPHARM	N. Lavanya
20	618178101022	NAGA SAI BHARGAVI M	IV YEAR BPHARM	N. S. Bhargavi M
21	618178101023	NAGA SAI GOWTHAMI R	IV YEAR BPHARM	Sai Gowthami R
22	618178101024	NAGA SAI KONDALA RK	IV YEAR BPHARM	Naga saikondala RK
23	618178101025	RAHUL NUNNA	IV YEAR BPHARM	R. Rahul
24	618178101026	RAJ KUMAR BORAGAM	IV YEAR BPHARM	B. Raj Kumar
25	618178101027	RAJARAJESWARI K	IV YEAR BPHARM	K. Rajarajeswari
26	618178101028	RAMA VAISHNAVI V	IV YEAR BPHARM	Rama vaishnavi V
27	618178101029	RAMYA GHANTASALA	IV YEAR BPHARM	Ramya Ghanta
28	618178101031	RESHMA MOHAMMED	IV YEAR BPHARM	Md. Reshma
29	618178101032	SAI GANESH NAGIREDDY	IV YEAR BPHARM	Sai Ganesh N
30	618178101033	SAI LALITHA KONDETI	IV YEAR BPHARM	Sai Lalitha K
31	618178101034	SAI PHANI TEJA CHAPALA	IV YEAR BPHARM	S. Sai Phani
32	618178101036	SAI RAM SANAPALA	IV YEAR BPHARM	Sai Ram Sanapala
33	618178101037	S SUBRAMANYAM G	IV YEAR BPHARM	S. Subramanyam
34	618178101038	SANDHYA KAKI	IV YEAR BPHARM	Sandhya K
35	618178101039	SANJANA TUTA	IV YEAR BPHARM	T. Sanjana



ch. Anaya  
Programme Co-ordinator



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## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
36	618178101040	SARATH CHANDRA CH	IV YEAR BPHARM	Sarath Chandra Ch
37	618178101041	SIRI MEENAKSHI K	IV YEAR BPHARM	S.S. Meenakshi
38	618178101042	SIRISHA MARUMUDI	IV YEAR BPHARM	M. Sirisha
39	618178101043	SOWJANYESWARI MADE	IV YEAR BPHARM	M. Sowjanya eswari
40	618178101045	SUDEEPTHI MULPURU	IV YEAR BPHARM	M. Suddeepthi
41	618178101046	SUPRATIKA KOMMU	IV YEAR BPHARM	K. Suprathika
42	618178101047	SURENDRA KAKARLA	IV YEAR BPHARM	K. Surendra
43	618178101048	SYAMALA DEVULURI	IV YEAR BPHARM	S. Syamala
44	618178101049	TEJA ANJALI SANAGANA	IV YEAR BPHARM	S. Teja Anjali
45	618178101050	UJUMA SHAIK	IV YEAR BPHARM	Ujuma SK.
46	618178101051	UMAMAHESWARI BORRA	IV YEAR BPHARM	B. Umamaheswari
47	618178101052	VAISHNAVI PARIMALA T	IV YEAR BPHARM	P. Vaishnavi
48	618178101053	VANITHA PULLA	IV YEAR BPHARM	P. Vanitha
49	618178101054	VASUKI KRISHNA P G	IV YEAR BPHARM	G. Vasuki
50	618178101055	V V CHANDRA SAI	IV YEAR BPHARM	V. V. Chandra Sai
51	618178101056	VIJAYA DURGA MM	IV YEAR BPHARM	Vijaya M
52	618178101057	VINAY VARMA G	IV YEAR BPHARM	G. Vinay
53	618178101058	VINEELA KAKKIRALA	IV YEAR BPHARM	Vineela K
54	618178101059	VINUSHA YERRAMELLI	IV YEAR BPHARM	V. Vinusha
55	618178101060	YOGITHA RACHAKULA	IV YEAR BPHARM	P. Yogitha



ch. Anuja  
Programme Co-ordinator



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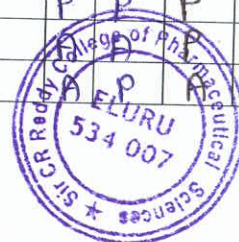
**Name of the programme:** A Two Week Certificate Programme on “Biomaterials and advanced nano – delivery systems”.

**DATE:** 11/10/2021

## DAY - WISE SHEET

**AY: 2021-2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			11/10	12/10	18/10	20/10	21/10	22/10	23/10	25/10	26/10	27/10	28/10	29/10
1	618178101001	BHARGAVI LANKA	P	P	P	P	P	P	P	P	P	P	P	P
2	618178101002	CHINMAYANANDA BALE	P	P	P	P	P	P	P	P	P	P	P	P
3	618178101004	DHARANI NEERULLA	P	P	P	P	P	P	P	P	P	P	P	P
4	618178101005	DIVYA LENKA	P	P	P	P	P	P	P	P	P	P	P	P
5	618178101006	SAMYUKTHA CH	P	P	P	P	P	P	P	P	P	P	P	P
6	618178101008	GAYATHRI PONNATI	P	P	P	P	P	P	P	P	P	P	P	P
7	618178101009	G SAI DEVI ALEKHYA K	P	P	P	P	P	P	P	P	P	P	P	P
8	618178101010	HEMANTH KUMAR Y	P	P	P	P	P	P	P	P	P	P	P	P
9	618178101011	KEERTHANA LELLA	P	P	P	P	P	P	P	P	P	P	P	P
10	618178101012	KRUSHISANGEETA K	P	P	P	P	P	P	P	P	P	P	P	P
11	618178101013	LAKSHMI PRASANNA B	P	P	P	P	P	P	P	P	P	P	P	P
12	618178101014	LATHA SRI KANITHI	P	P	P	P	P	P	P	P	P	P	P	P
13	618178101015	LEELA MAHESWARI P	P	P	P	P	P	P	P	P	P	P	P	P
14	618178101016	MADHAV VEMIREDDY	P	P	P	P	P	P	P	P	P	P	P	P
15	618178101017	MAHESWARI AMBATI	P	P	P	P	P	P	P	P	P	P	P	P
16	618178101018	MANISHA KAYALA	P	P	P	P	P	P	P	P	P	P	P	P



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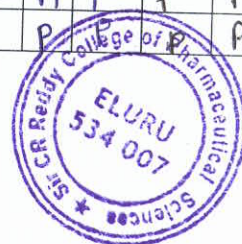
**Name of the programme:** A Two Week Certificate Programme on “Biomaterials and advanced nano – delivery systems”.

**DATE:** 11/10/2021

**DAY - WISE SHEET**

**AY: 2021-2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			11/10	12/10	18/10	20/10	21/10	22/10	23/10	25/10	26/10	27/10	28/10	29/10
17	618178101019	MEGHANA KOPPULA	P	A	P	P	P	P	A	P	A	P	P	A
18	618178101020	MOHANA ANJANI K	P	P	P	P	P	P	P	P	P	P	P	P
19	618178101021	NAGA LAVANYA M	P	P	P	P	P	P	P	P	P	P	P	P
20	618178101022	NAGA SAI BHARGAVI M	P	P	P	P	P	P	P	P	P	P	P	P
21	618178101023	NAGA SAI GOWTHAMI R	P	A	P	P	P	P	P	P	P	A	P	A
22	618178101024	NAGA SAI KONDALA RK	P	P	P	P	P	P	P	P	P	P	A	P
23	618178101025	RAHUL NUNNA	A	P	P	P	P	A	P	P	P	P	P	P
24	618178101026	RAJ KUMAR BORAGAM	P	P	P	P	P	P	A	P	P	P	P	P
25	618178101027	RAJARAJESWARI K	P	P	P	P	P	P	P	P	P	P	P	P
26	618178101028	RAMA VAISHNAVI V	P	P	A	P	P	P	P	P	A	P	P	P
27	618178101029	RAMYA GHANTASALA	P	A	P	P	P	P	P	P	P	P	P	P
28	618178101031	RESHMA MOHAMMED	P	P	P	P	P	P	A	A	P	A	P	P
29	618178101032	SAI GANESH NAGIREDDY	P	P	A	P	A	P	P	P	P	P	P	P
30	618178101033	SAI LALITHA KONDETI	P	A	P	A	P	P	P	P	P	P	P	P
31	618178101034	SAI PHANI TEJA CHAPALA	A	P	P	P	A	P	A	P	P	P	P	P
32	618178101036	SAI RAM SANAPALA	P	P	P	A	P	P	P	P	P	P	P	P





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			11/10	12/10	18/10	20/10	21/10	22/10	23/10	25/10	26/10	27/10	28/10	29/10
33	618178101037	S SUBRAMANYAM G	P	P	P	P	P	P	P	A	A	P	P	P
34	618178101038	SANDHYA KAKI	P	P	P	P	P	P	P	P	P	P	P	P
35	618178101039	SANJANA TUTA	P	A	A	P	P	P	A	P	P	P	P	P
36	618178101040	SARATH CHANDRA CH	P	P	P	P	P	P	P	P	P	P	P	P
37	618178101041	SIRI MEENAKSHI K	P	P	P	P	P	P	P	P	P	P	P	P
38	618178101042	SIRISHA MARUMUDI	A	P	P	P	P	P	P	P	A	A	P	P
39	618178101043	SOWJANYESWARI MADE	P	P	P	P	P	P	P	P	P	P	P	P
40	618178101045	SUDEEPHI MULPURU	P	A	P	A	P	P	P	A	P	P	P	P
41	618178101046	SUPRATIKA KOMMU	P	P	A	P	P	P	P	P	P	P	P	P
42	618178101047	SURENDRA KAKARLA	P	P	P	P	P	P	P	P	P	P	P	P
43	618178101048	SYAMALA DEVULURI	P	A	P	P	P	P	P	P	P	A	P	P
44	618178101049	TEJA ANJALI SANAGANA	P	P	P	P	P	P	P	P	P	P	P	P
45	618178101050	UJUMA SHAIK	A	P	P	A	P	P	P	P	A	P	P	P
46	618178101051	UMAMAHESWARI BORRA	P	P	P	P	P	P	P	P	P	P	P	P
47	618178101052	VAISHNAVI PARIMALA T	P	P	P	P	A	P	P	P	P	P	P	P
48	618178101053	VANITHA PULLA	P	P	P	P	P	P	A	P	P	P	P	P



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49	618178101054	VASUKI KRISHNA P G	P	A	P	P	P	P	P	A	P	A	A	P
50	618178101055	V V CHANDRA SAI	P	P	P	P	P	P	P	P	A	P	P	P
51	618178101056	VIJAYA DURGA MM	P	P	P	A	P	P	P	P	P	P	P	P
52	618178101057	VINAY VARMA G	P	P	P	P	P	P	P	P	P	P	P	P
53	618178101058	VINEELA KAKKIRALA	P	A	P	P	P	P	P	P	A	P	P	P
54	618178101059	VINUSHA YERRAMELLI	A	P	P	P	P	P	P	P	P	P	A	P
55	618178101060	YOGITHA RACHAKULA	P	P	P	P	P	P	A	A	P	P	P	P





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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date: .....  
03 / 11 / 2021

## PROGRAMME REPORT

**Name of the programme:** "A TWO WEEKS CERTIFICATE PROGRAMME ON BIOMATERIALS & ADVANCED NANO DELIVERY SYSTEMS"

**Date:** 11 / 10 / 2021 to 29 / 10 / 2021

**Resource Person:** Mrs. S Madhavi,  
Associate professor,  
Department of Pharmaceutics,  
Vikas College of Pharmacy,  
Vissannapeta.  
Phone No: 9441418932  
Email ID: [madhavitirumalesh@gmail.com](mailto:madhavitirumalesh@gmail.com)

**Name of the Co-ordinator:** Mr. Ch. Amulya,  
Assistant Professor,  
Dept. of Pharmaceutics.

**Number of students attended:** 55 ( IV B.PHARM )

**Venue:** lecture hall - 3 ( Room No.27 ), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To know the role of biomaterials like living tissue & artificial materials used for the repair, replacement & stimulation of biological systems.
- To know the importance of nanotechnology in the development of biomolecules.

### **Topics covered:**

- Introduction to biomaterials
- Characteristics & uses of biomaterials
- Sources & safety of biomaterials
- Regulatory guidelines for biomaterials.
- Applications of biomaterials as nano delivery systems.

### **Learning outcomes:**

- Understand application of nanotechnology in the pharmaceutical field & has shown development prospects in targeted diagnosis & treatment.
- Acquired the knowledge regarding biomaterials how they are replaced/ restored structure/ function of damaged tissue, as drug delivery systems & medical devices such as surgical sutures.



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircreddypharmacy@gmail.com](mailto:sircreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



*ch. Anupam*  
**Programme Co-ordinator**





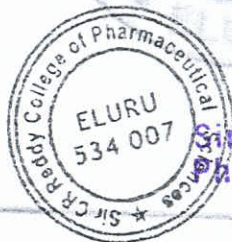
# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. L. Keerthana  
of IV B. Pharmacy ..... has participated in  
A Two Week Certificate Programme on "Bio materials and advanced nano -  
delivery systems " organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 11 / 10 / 2021 to 29 / 10 / 2021.

*ch. Anjali*  
Co-Ordinator



*Arb*  
PRINCIPAL

*Dr. P. S. Kumar*  
DEAN (ACADEMICS)

Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007  
(Academics)





# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES


Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. ....K. Supryatika.....  
of .....IV. B. Pharmacy..... has participated in  
A Two Week Certificate Programme on "Bio materials and advanced nano -  
delivery systems" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 11 / 10 / 2021 to 29 / 10 / 2021.

  
Co-Ordinator



  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

  
Dean  
(Academics)

DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007

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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

01 / 11 / 2021


## CIRCULAR

Date:.....

This is to inform to all IV & V PharmD students that A Two Week Certificate Programme on "HPLC & GC-Its Applications In Chemical Research" by Mrs. K. Lavanya, is scheduled to conduct from 08 / 11 / 2021 to 22 / 11 / 2021 at auditorium (Room no.52). All the students are instructed to enrol their names with programme coordinator on or before 06 / 11 / 2021.

**Programme Co-ordinator:** Mr. G. Kiran Kumar,  
Assistant Professor,  
Dept. of Pharmaceutical analysis.



  
**DEAN  
(ACADEMICS)**

**DEAN  
(ACADEMICS)  
SIR C.R. REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007**

### Copy to:

Head of Department's  
Training and placement officer  
Office  
Library  
Notice Board



## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :  
.....  
.....

Mobile : .....

email : .....



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. M. ESWAR GUPTA**

Professor, Pharmaceutics

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mr. G. KIRAN KUMAR**

Assistant Professor,

Dept. of Pharmaceutical Analysis.

Resource Person :

**Mrs. K. LAVANYA**

Associate professor,

Department of Pharmaceutical Analysis,

Lydia College of Pharmacy.

Ravulapalem.

Phone no:9398668955

Email ID:tejharsha24@gmail.com.

Address For Communication :

**Mr. G. KIRAN KUMAR**

Assistant Professor,

Dept. of Pharmaceutical Analysis.

SIR C.R. Reddy College of Pharmaceutical Sciences, Eluru

Email : kirru.pharm@gmail.com

Contact Number : 9701500511



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Santhi Nagar, Eluru, West Godavari District  
A.P., India - 534 007.

A Two Week  
Certificate Programme  
on

## HPLC & GC : ITS Applications In Chemical Research

Dates :

08 / 11 / 2021 to 22 / 11 / 2021

Venue :

AUDITORIUM (ROOM NO.52)

SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.

*Principal*  
**Sir C.R.Reddy College of  
Pharmaceutical Sciences**  
ELURU-534007



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep place with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology - 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The goal of the Department of Pharmaceutical Analysis is to concentrate on the creation of analytical techniques employing fresh pairings of tried-and-true techniques and instruments. It entails conducting fundamental research on the composition, stability, identity, and purity of excipients, starting materials, and active pharmaceutical components (API). The department is engaged in post-graduate student instruction and training in analytical sciences related to qualitative and quantitative estimate of natural and synthetic substances in various matrices by application of spectroscopy, chromatography, and analytical procedures

### About the Programme

- To confirm the identity of a drug and provide quantitative results and also to monitor the progress of the therapy of the disease.
- To determine the quantitative plasma levels of drugs and their metabolites.
- To gain knowledge about operating the instrument of HPLC.

### Objective of the Programme

- To confirm the identity of a drug and provide quantitative results and also to monitor the progress of the therapy of the disease.
- To determine the quantitative plasma levels of drugs and their metabolites

### Topics to be Covered

- Introduction about pharmaceutical analysis
- Theory & applications of HPLC
- Instrumentation of HPLC
- Theory & applications of GC
- Instrumentation of GC
- Demonstration of HPLC
- Demonstration of GC
- Experiment on HPLC
- Experiment on GC
- Interpretation of HPLC analysis
- Interpretation of GC analysis
- Hands on Training on HPLC & GC



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Website: www.sircrcops.edu.in  
Phone: (O) 08812 - 231492

Date .....

**Name of the programme :** A Two Week Certificate Programme on “HPLC & GC-its applications in chemical research HPLC & GC-ITS applications in chemical research”

## DAY – WISE TOPICS SCHEDULE

AY: 2021-2022

Day	Date	Topic covered
1	08/11/21	Introduction about pharmaceutical analysis
2	09/11/21	Theory & applications of HPLC
3	10/11/21	Instrumentation of HPLC
4	11/11/21	Theory & applications of GC
5	12/11/21	Instrumentation of GC
6	15/11/21	Demonstration of HPLC
7	16/11/21	Demonstration of GC
8	17/11/21	Experiment on HPLC
9	18/11/21	Experiment on GC
10	19/11/21	Interpretation of HPLC analysis
11	20/11/21	Interpretation of GC analysis
12	22/11/21	Hands on Training on HPLC & GC



  
Programme Co-ordinator

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Date: .....

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## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	618178102001	AFREEN SHAIK	V YEAR PHARMD	Afreen.sle
2	618178102002	ASHA SHAIK	V YEAR PHARMD	Asha.shaik
3	618178102003	AVANI VELLANKI	V YEAR PHARMD	Avani.V
4	618178102004	V. AVINASH VARMA	V YEAR PHARMD	Avinash.
5	618178102005	BHAVYA KAMBHAMPATI	V YEAR PHARMD	K.Bhavya
6	618178102006	DEVI CHEVVETI	V YEAR PHARMD	Devika
7	618178102007	ESWAR SAI SUNKARA	V YEAR PHARMD	Eswara.P
8	618178102008	FLORA JONES PERIKE	V YEAR PHARMD	Flora Jones P
9	618178102009	GEETHIKA SAYANA	V YEAR PHARMD	Geethika Sayana
10	618178102010	HARIKA JYOTHI BALLA	V YEAR PHARMD	B. Harika Jyothi
11	618178102011	HASESHA KOLLI	V YEAR PHARMD	Hasesha.K
12	618178102012	JAMES VARDHAN MOTRU	V YEAR PHARMD	Tanush
13	618178102013	JAYA SRI DURGA G	V YEAR PHARMD	Jaya Sri Durga G
14	618178102014	JYOTHIRMAYEE GANDI	V YEAR PHARMD	G. Jyothirmayee
15	618178102015	LALITHA GUNTURU	V YEAR PHARMD	Lalitha. S. Sushma
16	618178102016	L. LALITHA SAI SUSHMA	V YEAR PHARMD	Lalitha Sai Sushma
17	618178102017	LAVANYA GANTA	V YEAR PHARMD	Lavanya
18	618178102018	LAVANYA MALAKAPALLI	V YEAR PHARMD	M. Lavanya
19	618178102019	MEGHANA DOWLURI	V YEAR PHARMD	Meghana.D
20	618178102020	K. M VENKATA SATYA L	V YEAR PHARMD	Venkat Satya.L
21	618178102021	POORNA SAI SREE T	V YEAR PHARMD	Poorva Sai Sree
22	618178102022	PRASANTHI ATYAM	V YEAR PHARMD	Prasanthi.A
23	618178102023	RAGNITHA A	V YEAR PHARMD	Ragnitha.A
24	618178102024	RAMA LAKSHMI GUDDATI	V YEAR PHARMD	Rama Lakshmi
25	618178102025	SAKHI POTHANAPALLI	V YEAR PHARMD	Sakhi
26	618178102026	SRAVANI MEDA	V YEAR PHARMD	Sravani.M
27	618178102027	M. MEGHANA	V YEAR PHARMD	Meghana.M
28	618178102028	SUPRAJA SEENI	V YEAR PHARMD	Supraja.S
29	618178102029	TEJASWINI TIRUMANI	V YEAR PHARMD	Tejaswini.T
30	618178102030	VANI MAHATHI BULUSU	V YEAR PHARMD	Vani Mahathi



*K. Jyoti*  
Programme Co-ordinator



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## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	619178102001	AHALYA KATURI	IV YEAR PHARMD	K. Ahalya
2	619178102002	AJAY KUMAR NELLURI	IV YEAR PHARMD	Ajay Kumar
3	619178102004	ASRA SK	IV YEAR PHARMD	SK. Asra
4	619178102005	BHAVYA SRI SAI S	IV YEAR PHARMD	Bhavya Sri
5	619178102006	DANIEL M RACHEL U	IV YEAR PHARMD	Daniel
6	619178102007	HIMA SRI BINDU SUDHA	IV YEAR PHARMD	Bindu Sudha
7	619178102008	KEERTHANA BARTHI	IV YEAR PHARMD	B. Keerthana
8	619178102009	KOKILA LOLLA	IV YEAR PHARMD	L. Kokila
9	619178102010	MEGHANA V	IV YEAR PHARMD	V. Meghana
10	619178102011	MOHASSIN SHAIK	IV YEAR PHARMD	SK. Mohassin
11	619178102012	MUNNA BABU MOGULURI	IV YEAR PHARMD	M. Munna
12	619178102013	N V V UMAPRIYA K	IV YEAR PHARMD	K. Umapriya
13	619178102014	NEHA MOHAMMAD	IV YEAR PHARMD	M. D. Neha
14	619178102015	NIKHITHA DEEKOLLU	IV YEAR PHARMD	D. Nikhitha
15	619178102016	PRASANTH KINJINGI	IV YEAR PHARMD	K. Prasanth
16	619178102017	RAMYA ABOTULA	IV YEAR PHARMD	A. Ramya
17	619178102018	S L K RAJESH I	IV YEAR PHARMD	I. Rajesh
18	619178102019	SAI RASAGNA C	IV YEAR PHARMD	S. Rasagna
19	619178102020	SANDEEPTHI SARKAR	IV YEAR PHARMD	S. Sandeepthi
20	619178102021	SIRI MOUNYA D	IV YEAR PHARMD	SIRI MOUNYA
21	619178102022	SRI RAM RAMISETTI	IV YEAR PHARMD	R. Sri Ram
22	619178102023	SUPRIYA NALLA	IV YEAR PHARMD	Supriya N.
23	619178102024	SUVARCHALA	IV YEAR PHARMD	Suvarchala
24	619178102025	TRIVEDH VEMAREDDY	IV YEAR PHARMD	Trivedh
25	619178102026	VENKATA SRI VANI P	IV YEAR PHARMD	V. Sri Vani
26	619178102027	V. KRISHNAKUMARI CH	IV YEAR PHARMD	V. Krishnakumari
27	619178102028	VENKATA SATYA SAI sK	IV YEAR PHARMD	V. Satya
28	619178102029	VINCENT RAJU KOPPULA	IV YEAR PHARMD	K. VINCENT RAJU



*[Signature]*  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



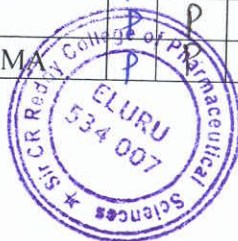
**Name of the programme:** A Two Week Certificate Programme on "HPLC & GC-its applications in chemical research".

**DATE:** 08.11.2021

**DAY - WISE SHEET**

**AY: 2021-2022**

			DAY - WISE SHEET												AY: 2021-2022	
S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12		
			8/11	9/11	10/11	11/11	12/11	13/11	14/11	15/11	16/11	17/11	18/11	19/11	20/11	22/11
1	618178102001	AFREEN SHAIK	P	P	A	P	P	P	P	P	P	P	P	P	P	P
2	618178102002	ASHA SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	618178102003	AVANI VELLANKI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	618178102004	V. AVINASH VARMA	A	P	P	P	P	P	P	A	P	P	P	A	P	P
5	618178102005	BHAVYA KAMBHAMPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	618178102006	DEVI CHEVVETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	618178102007	ESWAR SAI SUNKARA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	618178102008	FLORA JONES PERIKE	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	618178102009	GEETHIKA SAYANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	618178102010	HARIKA JYOTHI BALLA	P	P	P	P	P	P	P	P	P	P	P	A	P	P
11	618178102011	HASESHA KOLLI	P	P	A	P	P	P	P	P	P	P	P	A	P	P
12	618178102012	JAMES VARDHAN MOTRU	P	P	P	A	P	P	P	P	P	P	P	P	P	P
13	618178102013	JAYA SRI DURGA G	P	P	P	P	P	A	P	A	P	A	P	P	P	P
14	618178102014	JYOTHIRMAYEE GANDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	618178102015	LALITHA GUNTURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	618178102016	L. L NAGA SAI SUSHMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



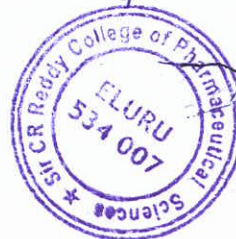
**Name of the programme:** A Two Week Certificate Programme on “HPLC & GC-its applications in chemical research”.

**DATE:** 08.11.2021

## DAY - WISE SHEET

**AY- 2021-2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			8/11	9/11	10/11	11/11	12/11	13/11	14/11	15/11	16/11	17/11	18/11	19/11
17	619178102018	S L K RAJESH I	P	P	P	P	P	P	P	P	P	P	P	P
18	619178102019	SAI RASAGNA C	P	P	P	P	P	P	P	P	P	P	P	P
19	619178102020	SANDEEPTHI SARKAR	P	P	P	P	P	P	P	P	P	P	P	P
20	619178102021	SIRI MOUNYA D	P	P	P	P	P	P	P	P	P	P	P	P
21	619178102022	SRI RAM RAMISETTI	P	P	P	P	P	P	P	P	P	P	P	P
22	619178102023	SUPRIYA NALLA	P	P	P	P	P	P	P	P	P	P	P	P
23	619178102024	SUVARCHALA	P	P	P	P	P	P	P	P	P	P	P	P
24	619178102025	TRIVEDH VEMAREDDY	P	P	P	P	P	P	P	P	P	P	P	P
25	619178102026	VENKATA AMRUTA SRI	P	P	P	P	P	P	P	P	P	P	P	P
26	619178102027	VENKATA KI CH	P	P	P	P	P	P	P	P	P	P	P	P
27	619178102028	VENKATA SATYA SAI SK	P	P	P	P	P	P	P	P	P	P	P	P
28	619178102029	VINCENT RAJU KOPPULA	P	P	P	P	P	P	P	P	P	P	P	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on "HPLC & GC-its applications in chemical research".

**DATE:** 08.11.21

## DAY - WISE SHEET

**AY: 2021-2022**

S.NO	Regd.No	Name of the student	1 8/11	2 9/11	3 10/11	4 11/11	5 12/11	6 15/11	7 16/11	8 17/11	9 18/11	10 19/11	11 20/11	12 22/11
1	619178102001	AHALYA KATURI	P	P	P	P	P	P	P	P	P	P	P	P
2	619178102002	AJAY KUMAR NELLURI	P	P	A	P	P	P	P	P	P	P	P	P
3	619178102004	ASRA SK	P	P	P	A	P	P	P	A	P	P	P	P
4	619178102005	BHAVYA SRI SAI S	P	P	P	P	P	P	P	P	P	P	P	P
5	619178102006	DANIEL MALATHI R U	P	P	P	P	P	P	P	P	P	P	P	P
6	619178102007	HIMA SRI BINDU SUDHA	P	P	P	P	P	P	P	P	P	P	P	P
7	619178102008	KEERTHANA BARTHI	P	P	P	P	P	A	P	P	P	P	A	A
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9	619178102010	MEGHANA V	P	P	P	P	P	P	P	P	P	P	P	P
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11	619178102012	MUNNA BABU MOGULURI	P	P	P	P	P	P	P	A	P	P	P	P
12	619178102013	N V V UMAPRIYA K	P	P	P	P	P	P	P	P	P	P	P	P
13	619178102014	NEHA MOHAMMAD	P	A	P	P	P	P	P	P	A	P	P	P
14	619178102015	NIKHITHA DEEKOLLU	P	P	P	A	P	P	P	P	P	P	P	P
15	619178102016	PRASANTH KINJINGI	P	P	P	P	P	P	P	P	P	A	P	P
16	619178102017	RAMYA ABOTULA	A	P	P	P	P	A	P	P	P	P	P	P





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



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**DATE:** 08.11.2021

**DAY - WISE SHEET**

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17	618178102017	LAVANYA GANTA	P	P	A	P	P	P	P	P	A	P	P	P
18	618178102018	LAVANYA MALAKAPALLI	P	P	P	P	P	P	P	P	P	P	P	P
19	618178102019	MEGHANA DOWLURI	P	P	P	P	P	P	P	P	P	P	P	P
20	618178102020	K. M VENKATA SATYA L	P	P	P	P	P	P	P	A	P	P	P	A
21	618178102021	POORNA SAI SREE T	P	P	P	P	A	P	P	P	P	P	P	P
22	618178102022	PRASANTHI ATYAM	P	P	P	P	P	P	P	P	P	P	P	P
23	618178102023	RAGNITHA A	P	P	P	P	P	P	P	P	P	P	P	P
24	618178102024	RAMA LAKSHMI GUDDATI	P	P	P	P	P	P	A	P	P	A	P	P
25	618178102025	SAKHI POTHANAPALLI	A	P	P	P	P	P	P	P	P	P	P	P
26	618178102026	SRAVANI MEDA	P	P	P	P	P	P	P	P	P	P	P	P
27	618178102027	M. MEGHANA	P	P	P	P	P	P	P	P	P	P	P	P
28	618178102028	SUPRAJA SEENI	P	P	P	P	P	A	P	P	P	P	P	A
29	618178102029	TEJASWINI TIRUMANI	P	P	P	P	P	P	A	P	P	P	P	P
30	618178102030	VANI MAHATHI BULUSU	P	P	P	P	P	P	P	P	P	P	A	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircrreddypharmacy@gmail.com](mailto:sircrreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date: 24 / 11 / 2021

## PROGRAMME REPORT

**Name of the programme:** “A TWO WEEKS CERTIFICATE PROGRAMME ON HPLC&GC:  
ITS APPLICATIONS IN CHEMICAL RESEARCH”

**Date:** 08 / 11 / 2021 To 22 / 11 / 2021.

**Resource Person:** Mrs. K Lavanya,  
Associate professor,  
Department of Pharmaceutical Analysis,  
Lydia College of Pharmacy.  
Ravulapalem.  
Phone no:9398668955  
Email ID:tejharsha24@gmail.com.

**Name of the Co-ordinator:** Mr. K Kiran Kumar,  
Assistant Professor,  
Dept. of Pharmaceutical Analysis.

**Number of students attended:** 58 ( IV & V PharmD )

**Venue:** Auditorium (Room no.52), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To confirm the identity of a drug and provide quantitative results and also to monitor the progress of the therapy of the disease.
- To determine the quantitative plasma levels of drugs and their metabolites.

### **Topics covered:**

- Introduction about pharmaceutical analysis
- Instrumentation of HPLC
- Demonstration of GC
- Hands on Training on HPLC & GC.

### **Learning outcomes:**

- Understand all the parameters in an HPLC & GC and able to develop an HPLC & GC analysis based on the type of sample.
- Acquired knowledge of operating the instruments (HPLC & GC) & interpretation of chromatograms obtained from the analysis of samples.



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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



  
Programme Co-ordinator




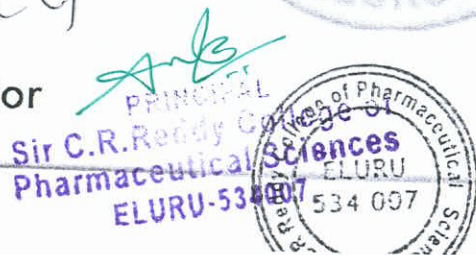
# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES


Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. .... M. MUNNA BABU .....  
of ..... Lythyr pharm-D ..... has participated in  
A Two Week Certificate Programme on "HPLC & GC : Its Applications in  
Chemical Research" organised by Sir C.R.Reddy College of Pharmaceutical  
Sciences, Eluru from 08 / 11 / 2021 to 22 / 11 / 2021.

  
Co-Ordinator



  
Dean (Academics)  
DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007






# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.


## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. P. FLORA JONES  
of 3<sup>rd</sup> Pharm.D ..... has participated in  
A Two Week Certificate Programme on "HPLC & GC : Its Applications in  
Chemical Research" organised by Sir C.R.Reddy College of Pharmaceutical  
Sciences, Eluru from 08 / 11 / 2021 to 22 / 11 / 2021.

  
Co-Ordinator



  
PRINCIPAL

  
DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007

Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492


Date: 29/11/2021

## CIRCULAR

This is to inform to all III Pharm D students that A Two Week Certificate Programme on “Pharmacovigilance And Drug Safety Monitoring” by Mr. K.Hari Prasath, is scheduled to conduct from 06 / 12 / 2021 to 20 / 12 / 2021 at Mini Seminar Hall(Room No.33). All the students are instructed to enrol their names with programme coordinator on or before 04 / 12 / 2021.

**Programme Co-ordinator:** Mr. M. Krishna,  
Assistant Professor,  
Dept. of Pharmacy practice.



  
**DEAN  
( ACADEMICS)**

**DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007**

### Copy to:

Head of Department's  
Training and placement officer  
Office  
Library  
Notice Board



## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :

.....

.....

Mobile : .....

email :



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. M. ESWAR GUPTA**

Professor, Pharmaceutics

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mr. M. KRISHNA**

Assistant Professor ,

Dept. of Pharmacy Practice.

Resource Person :

**Mr. K. HARI PRASATH**

Associate Professor,

Narasaraopeta Institute of  
Pharmaceutical sciences.

Narasaraopeta.

Phone number: 7901277710.

Email ID: hariprasath79@gmail.com

ADDRESS FOR COMMUNICATION :

**Mr. M. KRISHNA**

Assistant Professor ,

Dept. of Pharmacy Practice.

SIR C.R. Reddy College of Pharmaceutical Sciences, Eluru

Email : krishna.mannem@gmail.com

Contact Number : 7702060202



## SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE,  
Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru, West Godavari District  
A.P., India - 534 007.

A Two Week  
Certificate Programme  
on

**Pharmacovigilance &  
drug safety monitoring**

Dates :

**06 / 12 / 2021 to 20 / 12 / 2021**

Venue :

**MINI SEMINAR HALL(ROOM NO.33).**

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.

*A.K.*  
**PRINCIPAL**  
**Sir C.R.Reddy College of  
Pharmaceutical Sciences**  
**ELURU-534007**



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep place with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology - 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The Pharmacy practice department is established in this Institution in the year 2014 primarily, when the college had taken initiative to include the course Doctor of Pharmacy in this Institution. The main target of our department is to achieve positive outcomes from drug therapy, promote safe and rational use of medicine. The department plays a prominent role in health care system at hospital setup through well programmed pharmaceutical care services, with Pharm. D program and the department has MoU with Government General Hospital, Eluru and collaboration with a multi-specialty hospital corporate hospitals such as Andhra hospitals, Good Samaritan Cancer and Government District Hospital and St. Joseph dental for the advance clinical pharmacy teaching, learning and practice process from 2015.

Department of Pharmacy Practice contains with its Institutional Drug Information Centre (DIC) collaborating with Hospital along with MICROMEDEX, CLINIREX and UP TO DATE software since from the inception of the department.

### About the Programme

- To get the knowledge about drug safety management in major diseases.
- To learn about importance of pharmacovigilance in hospitals.
- To give an idea about the surveillance methods

### Objective of the Programme

- Improve public health and safety in relation to the use of medicines.
- Detect problems related to the use of medicines and communicate findings in a timely manner.
- Improve patient care and safety in relation to the use of medicines and all medical interventions

### Topics to be Covered

- Patient safety
- Pharmacovigilance a brief introduction
- Pharmacovigilance programme of India
- Global Pharmacovigilance
- ADR & ADR reporting methods – A review
- Causality assessment scales
- PV PI and signalling techniques (vigiflow)
- A brief introduction on haemovigilance
- Facts and truths on AEFI
- Current status on materiovigilance
- Challenges for pharmacovigilance
- Conclusion remarks

  
PRINCIPAL

Sir C.R.Reddy College of  
Pharmaceutical Sciences  
Eluru-535 001



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

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A.P., India - 534 007.



Email: sircreddypharmacy@gmail.com  
Website: www.sircrcops.edu.in  
Phone: (O) 08812 - 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on “Pharmacovigilance & drug safety monitoring”

## DAY – WISE TOPICS SCHEDULE

**AY: 2021-2022**

Day	Date	Topic covered
1	06/12/21	Patient safety
2	07/12/21	Pharmacovigilance a brief introduction
3	08/12/21	Pharmacovigilance programme of India
4	09/12/21	Global Pharmacovigilance
5	10/12/21	ADR & ADR reporting methods – A review
6	13/12/21	Causality assessment scales
7	14/12/21	PV PI and signalling techniques (vigiflow)
8	15/12/21	A brief introduction on haemovigilance
9	16/12/21	Facts and truths on AEFI
10	17/12/21	Current status on materiovigilance
11	18/12/21	Challenges for pharmacovigilance
12	20/12/21	Conclusion remarks



  
**Programme Co-ordinator**



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

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Website: www.sircrcops.edu.in  
Phone: (O) 08812 - 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on "Pharmacovigilance & drug safety monitoring"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	620178102001	APARNA SAI RAM B	III YEAR PHARMD	Aparna
2	620178102002	BHANU PRAKASH JOGU	III YEAR PHARMD	Bhanu Prakash
3	620178102003	GANESH BABU TONDURU	III YEAR PHARMD	Ganesh Babu T
4	620178102004	GOUSIYA TARANNUM M	III YEAR PHARMD	Gousiya T
5	620178102005	INDU MOUNIKA REGUNTA	III YEAR PHARMD	Indu Mounika R
6	620178102006	JYOTHIRMAI	III YEAR PHARMD	Jyothirmai
7	620178102007	KEERTHI HAVILAH K	III YEAR PHARMD	Keerthi Havilah K
8	620178102008	KHADEER HUSSAIN MD	III YEAR PHARMD	Khadeer Hussain MD
9	620178102009	LAKSHMI MADHUMITHA I	III YEAR PHARMD	Lakshmi Madhumitha I
10	620178102010	MADHURI VALAPARTHI	III YEAR PHARMD	Madhuri Valaparthi
11	620178102011	MAHITHAPULLURI	III YEAR PHARMD	Mahithapulluri
12	620178102012	MERLYN GRACE P	III YEAR PHARMD	Grace P
13	620178102013	MONISH VENKAT B	III YEAR PHARMD	Monish Venkat B
14	620178102014	NAGA DURGA PUJA OLETI	III YEAR PHARMD	O. Naga Durga Puja
15	620178102015	NAGESWARA RAO S	III YEAR PHARMD	Nageswara Rao S
16	620178102016	POORNA CHANDRIKA K	III YEAR PHARMD	Poorna Chandrika K
17	620178102017	PRATYUSHA N	III YEAR PHARMD	Pratyusha N
18	620178102018	PRAVALLIKA V	III YEAR PHARMD	Pravallika V
19	620178102019	ROHIT RAMA RAO DUBBA	III YEAR PHARMD	Rohit Rama Rao Dubba
20	620178102020	SAI PRAVALLIKA K	III YEAR PHARMD	Sai pravallika k
21	620178102021	SAI SUGUNA REDDI	III YEAR PHARMD	Sai Suguna Reddi
22	620178102022	SANDHYA TADISETTI	III YEAR PHARMD	Sandhya Tadiseti
23	620178102023	SARVANI YARABARLA	III YEAR PHARMD	Sarvani Yarabarla
24	620178102024	S S NAGA LIKHITHA Ch	III YEAR PHARMD	S.S. Naga Likhitha Ch
25	620178102025	SREERAMA RATNA JV	III YEAR PHARMD	Sreerama JV
26	620178102026	M STEPHEN	III YEAR PHARMD	Stephen M
27	620178102027	SURYA CHANDRUDU K	III YEAR PHARMD	Surya Chandrudu K
28	620178102028	TEJA SRI SARELLA	III YEAR PHARMD	Teja Sri Sarella
29	620178102029	THABITHA VASIPALLI	III YEAR PHARMD	Thabitha V
30	620178102030	UDAY SANKAR P	III YEAR PHARMD	Uday Sankar P
31	620178102031	VARSHA NARAGANI	III YEAR PHARMD	Varsha Naragani
32	620178102032	VYSHNAVI Y	III YEAR PHARMD	Vyshnavi Y



*M. Prasad*  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on "Pharmacovigilance & drug safety monitoring"

**DATE:** 6/12/21

**DAY - WISE SHEET**

**AY: 2021-2022**

			DAY WISE SHEET												AT: 2021-2022	
S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12		
			6/12	7/12	8/12	9/12	10/12	11/12	12/12	13/12	14/12	15/12	16/12	17/12	18/12	20/12
1	620178102001	APARNA SAI RAM B	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	620178102002	BHANU PRAKASH JOGU	P	P	P	P	P	P	P	A	P	P	P	P	P	P
3	620178102003	GANESH BABU TONDURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	620178102004	GOUSIYA TARANNUM M	P	A	P	P	A	P	P	P	P	P	P	P	P	P
5	620178102005	INDU MOUNIKA REGUNTA	P	P	P	P	P	P	P	P	P	A	P	P	A	P
6	620178102006	JYOTHIRMAI	P	P	P	P	P	A	P	P	P	P	P	P	P	P
7	620178102007	KEERTHI HAVILAH K	A	P	P	P	P	P	P	P	P	P	P	A	P	P
8	620178102008	KHADEER HUSSAIN MD	P	P	P	P	A	P	A	P	P	P	P	P	P	P
9	620178102009	LAKSHMI MADHUMITHA I	P	P	A	P	P	P	P	P	P	P	P	P	P	P
10	620178102010	MADHURI VALAPARTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	620178102011	MAHITHAPULLURI	P	P	P	P	P	P	P	P	A	P	P	P	P	P
12	620178102012	MERLYN GRACE P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	620178102013	MONISH VENKAT B	P	P	P	A	P	P	P	P	P	P	P	P	P	P
14	620178102014	NAGA DURGA PUJA OLETI	P	P	P	P	P	P	P	P	P	P	P	P	P	A
15	620178102015	NAGESWARA RAO S	P	P	P	P	P	P	P	P	P	A	P	P	P	P
16	620178102016	POORNA CHANDRIKA K	P	P	P	P	P	P	P	P	P	P	P	P	P	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on "Pharmacovigilance & drug safety monitoring"

**DATE:** 6/12/21

**DAY - WISE SHEET**

**AY: 2021-2022**

S.NO	Regd.No	Name of the student	1 6/12	2 7/12	3 8/12	4 9/12	5 10/12	6 13/12	7 14/12	8 15/12	9 16/12	10 17/12	11 18/12	12 20/12
17	620178102017	PRATYUSHA N	P	P	P	P	P	P	P	P	P	P	P	P
18	620178102018	PRAVALLIKA V	P	A	P	P	P	P	P	P	P	P	P	P
19	620178102019	ROHIT RAMA RAO DUBBA	P	P	P	P	P	P	A	P	P	P	P	P
20	620178102020	SAI PRAVALLIKA K	P	P	P	A	P	P	P	P	P	A	P	P
21	620178102021	SAI SUGUNA REDDI	P	P	A	P	P	P	P	P	A	P	P	A
22	620178102022	SANDHYA TADISETTI	P	P	P	P	P	P	P	P	P	P	P	P
23	620178102023	SARVANI YARABARLA	A	P	P	P	P	P	P	A	P	P	A	P
24	620178102024	S S NAGA LIKHITHA Ch	P	P	P	P	P	P	P	P	P	P	P	P
25	620178102025	SREERAMA RATNA JV	P	P	P	P	P	P	P	P	P	P	P	P
26	620178102026	M STEPHEN	P	P	P	P	P	P	P	P	P	P	P	P
27	620178102027	SURYA CHANDRUDU K	P	P	P	P	P	A	P	P	P	P	P	P
28	620178102028	TEJA SRI SARELLA	P	P	P	P	P	P	P	P	P	P	P	P
29	620178102029	THABITHA VASIPALLI	A	P	P	P	P	P	P	P	P	P	P	P
30	620178102030	UDAY SANKAR P	P	P	P	P	P	P	P	P	P	P	P	P
31	620178102031	VARSHA NARAGANI	P	P	P	P	P	P	P	P	P	P	P	P
32	620178102032	VYSHNAVI Y	P	P	P	P	P	P	P	P	P	P	P	P





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date: 22 / 12 / 21

## PROGRAMME REPORT

**Name of the programme:** A TWO WEEK CERTIFICATE PROGRAMME ON  
"PHARMACOVIGILANCE AND DRUG SAFETY MONITORING"

**Date:** 06-12-2021 to 20-12-2021.

**Resource Person:** Mr. K Hari prasath,  
Associate Professor,  
Narasaraopeta Institute of Pharmaceutical sciences.  
Narasaraopeta.  
Phone number: 7901277710.  
Email ID: hariprasath79gmail.com

**Name of the Co-ordinator:** Mr. M. Krishna,  
Assistant Professor,  
Dept. of Pharmacy practice.

**Number of students attended:** 32 ( III YEAR PHARM D )

**Venue:** Mini Seminar Hall (Room No.33), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- Improve public health and safety in relation to the use of medicines.
- Detect problems related to the use of medicines and communicate findings in a timely manner.
- Improve patient care and safety in relation to the use of medicines and all medical interventions.

### **Topics covered:**

- Patient safety
- Pharmacovigilance a brief introduction
- Causality assessment scales
- A brief introduction on haemovigilance

### **Learning outcomes:**

- They gained the knowledge about the Adverse Drug Reactions caused by therapeutic drug, biological & devices and how to prevent or minimise by using Drug safety monitoring.
- To ensure that hazards & risks are being controlled as far as possible.
- Understand the importance of Pharmacovigilance in regard of giving a safe, logical & more effective use of medication by contributing to the assessment of their benefits, harms, effectiveness & risks.

# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



  
Programme Co-ordinator






# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. ....Pravallika.V.....  
of .....IIT Hyderabad, pharma-D..... has participated in  
A Two Week Certificate Programme on "Pharmacovigilance & drug safety  
monitoring" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 06 / 12 / 2021 to 20 / 12 / 2021.

  
Co-Ordinator

  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences

ELURU-534007



  
DEAN  
(ACADEMICS)

Dean  
(Academics)



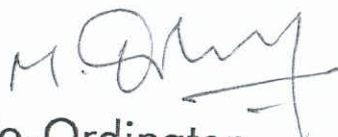



# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. .... Jyothirmal .....  
of ..... 3rd yr Pharm-D ..... has participated in  
A Two Week Certificate Programme on "Pharmacovigilance & drug safety  
monitoring" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 06 / 12 / 2021 to 20 / 12 / 2021.

  
Co-Ordinator

  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



  
Dean  
(Academics)

DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircreddypharmacy@gmail.com](mailto:sircreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

10 / 01 / 2022


Date:.....

## CIRCULAR

This is to inform to all B. Pharmacy II year students that A Two Week Certificate Programme on “Preparing the CMC section for NDA & IND” by Mr. C. Venkata Reddy, is scheduled to conduct from 17 / 01 / 2022 to 31 / 01 / 2022 at mini seminar hall ( Room No. 33 ). All the students are instructed to enrol their names with programme coordinator on or before 13 / 01 / 2022.

**Programme Co-ordinator:** Mrs. A.Santhi Priya,  
Assistant Professor ,  
Dept. of Pharmacology.



  
**DEAN  
( ACADEMICS )**

**DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007**

### Copy to:

Head of Department's  
Training and placement officer  
Office  
Library  
Notice Board

## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :

.....

.....

Mobile : .....

email :



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. A. NARENDRA BABU**

Professor, Pharmacology

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mrs. A. SANTHI PRIYA**

Assistant Professor,

Dept. of Pharmacology.

Resource Person :

**Mr. C. VENKAT REDDY**

General Manager FDF, R&D

quality assurance,

Bollaram, Mylon laboratories, Hyderabad.

Phone No:9502823679

Email ID:venkatareddy.

chilakamarry@viatris.com

ADDRESS FOR COMMUNICATION :

**Mrs. A. SANTHI PRIYA**

Assistant Professor,

Dept. of Pharmacology.

Email : litishkumarvudata@gmail.com

Contact Number : 9441610750



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(Approved by PCI and AICTE,  
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Santhi Nagar, Eluru, West Godavari District  
A.P., India - 534 007.

A Two Week  
Certificate Programme  
on

**Preparing the CMC section  
for NDA & IND**

Dates :

**17 / 01 / 2022 to 31 / 01 / 2022**

Venue :

**MINI SEMINAR HALL ( Room No. 33)**

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.

*A.K.S.*  
**PRINCIPAL**  
**SIR C.R.Reddy College of  
Pharmaceutical Sciences**  
**ELURU-534007**



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep pace with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology – 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

Pharmacology is the science which deals with effect of drugs. The main objective of pharmacology is to provide scientific data for choosing a drug treatment of proven efficacy and safety from the various options available. A wonderful arena for research oriented students is being provided by the well-equipped laboratories with CPCSEA approved animal house facility in our college. The Pharmacology department is engaged in imparting knowledge on various aspects of preclinical and clinical Pharmacology through proper media.

The department goal is to prepare students for productive and successful careers in pharmaceutical industry, academia, research and public sectors.

### About the Programme

- To know about CMC sections and applications.
- Guidelines in NDA.
- Resources for CMC and its regulations.

### Objective of the Programme

- To assure the quality of the finished product during all phases of development.
- To understand the comparison of CMC information recommended for IND and NDA in guidelines for submitting, supporting documentation in drug application for the manufacture of drug products.
- To learn the correlation of CMC information recommended for IND and NDA: Applying principles of ICH Q8 (R<sub>2</sub>) during IND stage.

### Topics to be Covered

- Drug development and regulatory approval strategy
- What is NDA and IND
- Overview of NDA content and format
- General requirement for providing CMC information
- Resources for NDA
- Types of NDAs
- Content and format of NDAs
- Drug master files
- Drug substance description and characterization
- What is CMC
- Resources for CMC

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Website: www.sircrcops.edu.in  
Phone: (O) 08812 - 231492

Date: .....

**Name of the programme :** A Two Week Certificate Programme on "Preparing the CMC section for NDA & IND"

## DAY - WISE TOPICS SCHEDULE

AY: 2021-2022

Day	Date	Topic covered
1	17 / 01 / 2022	Drug development and regulatory approval strategy
2	18 / 01 / 2022	What is NDA and IND
3	19 / 01 / 2022	Overview of NDA content and format
4	20 / 01 / 2022	General requirement for providing CMC information
5	21 / 01 / 2022	Resources for NDA
6	22 / 01 / 2022	Types of NDAs
7	24 / 01 / 2022	Content and format of NDAs
8	25 / 01 / 2022	Drug master files
9	27 / 01 / 2022	Drug substance description and characterization
10	28 / 01 / 2022	What is CMC
11	29 / 01 / 2022	Resources for CMC
12	31 / 01 / 2022	Comparison of CMC regulations between IND and NDA in CFR (code of federal regulations)



*A. Santhi Priya*  
Programme Co-ordinator



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Phone: (O) 08812 - 231492

Name of the programme : A Two Week Certificate Programme on "Preparing the CMC section for NDA & IND" Date: .....

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	620178101001	SARANGI ANJLI	II YEAR BPHARM	Anjali
2	620178101002	BIKKINA ARUNA	II YEAR BPHARM	B. Aruna
3	620178101003	SHAIK AZEEM ARSHAD	II YEAR BPHARM	Sk. A. Arshad
4	620178101004	ALLU BABA RAHUL	II YEAR BPHARM	(Ca. hu)
5	620178101005	K B BHAVANI YOGESH	II YEAR BPHARM	yogesh
6	620178101006	MADASU BHARGAVI	II YEAR BPHARM	M. Bhargavi
7	620178101007	RETLA BHARGAVI RANI	II YEAR BPHARM	R. Bhargavi
8	620178101008	L BLESSY EVANGELIN	II YEAR BPHARM	L. Blessy
9	620178101009	MAMIDI CHANDRIKA	II YEAR BPHARM	M. Chandrika
10	620178101010	K DEEPIKA	II YEAR BPHARM	Deepika
11	620178101011	KOYA DEEPIKANJALI	II YEAR BPHARM	Anjali
12	620178101012	AVUTAPALLI DIVYA SREE	II YEAR BPHARM	A. Divyasree
13	620178101013	B GAYATHRI PRIYA	II YEAR BPHARM	B.G. priya
14	620178101014	JASTI GEESHMITA	II YEAR BPHARM	Geeshmita
15	620178101015	DADI HARSHA VARDHAN	II YEAR BPHARM	H. Vardhan
16	620178101016	KOTANA JAHNAVI	II YEAR BPHARM	K. Jahnavi
17	620178101017	S J VENKATA MURALI	II YEAR BPHARM	S.J. Venkata Murali
18	620178101018	KOTTE JYOTHSANA	II YEAR BPHARM	Jyothsana
19	620178101019	M HANOK KUMAR	II YEAR BPHARM	Hanok Kumar
20	620178101020	G LAKSHMAN KUMAR	II YEAR BPHARM	G. Lakshman Kumar
21	620178101021	B LVENKATA MANEESH	II YEAR BPHARM	B. Venkatesh
22	620178101022	D LATHA SRI SAI	II YEAR BPHARM	D. Lathasri Sai
23	620178101023	CHALLA GOLLA LOHITHA	II YEAR BPHARM	Ch. Lohitha
24	620178101024	R MADHAVI AKSHAYA	II YEAR BPHARM	R. Madhavi
25	620178101025	ARIGELA MAHESHBABU	II YEAR BPHARM	Mahesh
26	620178101026	MANIKALA MANASA	II YEAR BPHARM	M. Manasa
27	620178101027	K MYTHILI SREE DURGA	II YEAR BPHARM	K. Mythili Sree Durga
28	620178101028	V NAGA SAI DIVYA	II YEAR BPHARM	V. Naga Sai Divya
29	620178101029	A N V VYASASWINI	II YEAR BPHARM	A. Vyasaswini
30	620178101030	SAIDU NAVEEN	II YEAR BPHARM	Saidu Naveen
31	620178101031	JAMPA NEELAVENI	II YEAR BPHARM	J. Neelaveni
32	620178101032	BERAM PAVAN MOHAN	II YEAR BPHARM	B. Pavan Mohan
33	620178101033	SATTU POOJITHA	II YEAR BPHARM	Poojitha
34	620178101034	P PRASANNA KUMAR	II YEAR BPHARM	P. Prasan Kumar
35	620178101035	KOMMINA PRAVEEN SAI	II YEAR BPHARM	K. Praveen Sai



A. Santhi Priya  
Programme Co-ordinator



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NDA & IND"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
36	620178101036	G P SAI MANI RATNAM	II YEAR BPHARM	manirathan
37	620178101037	GEDDAM RATNA KUMARI	II YEAR BPHARM	Ratna Kumari
38	620178101038	SHAIK RUBINA	II YEAR BPHARM	Rubina SK
39	620178101039	SINGAMSETTY SADVIKA	II YEAR BPHARM	Sadvik app
40	620178101040	K SAI CHAND	II YEAR BPHARM	Sai Chand
41	620178101041	Y SAI CHETAN	II YEAR BPHARM	Y. Sai Chetan
42	620178101042	MANYAM SAI GANESH	II YEAR BPHARM	M. Saiganeesh
43	620178101043	M SSANTHOSH HANUMAN	II YEAR BPHARM	SSanthosh Hanuman
44	620178101044	SATHVIKA RAYAPATI	II YEAR BPHARM	Sathvika
45	620178101045	MONDITHOKA SONY	II YEAR BPHARM	Sony
46	620178101046	SONGA SOURAB ROSHAN	II YEAR BPHARM	Roshan
47	620178101047	CH SOWJANYA	II YEAR BPHARM	Sowjanya
48	620178101048	ADURI SOWMYA SRI	II YEAR BPHARM	A. Sowmya Sri
49	620178101049	KAMPASATI SRAVANI	II YEAR BPHARM	A. Srani
50	620178101050	MADDDUKURI SRAVIKA	II YEAR BPHARM	Sravika
51	620178101051	PILLI SRI DIVYA KALA	II YEAR BPHARM	P. Divya Kala
52	620178101052	Y SRIKARA SARMA	II YEAR BPHARM	Y. V. Sri
53	620178101053	SURESH BABU VEERLA	II YEAR BPHARM	Veerla
54	620178101054	YADLAPALLI TEJASWINI	II YEAR BPHARM	Y. Tejas
55	620178101055	VUMA MAHESWARI	II YEAR BPHARM	V. U. Maheshwari
56	620178101056	BORRA USHA SRI	II YEAR BPHARM	B. Usha S.
57	620178101058	K VVBN DY SAI RAM TEJA	II YEAR BPHARM	K. Sai Ram Teja
58	620178101059	P Y SHANMUKESWARA R	II YEAR BPHARM	P. Shanmukeshwara R
59	620178101060	CH VENKATA TARUN	II YEAR BPHARM	Ch. V. Tarun
60	620178101061	D YOGENDRA BABU	II YEAR BPHARM	D. Yogendra Babu



A. Santhi Priya  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



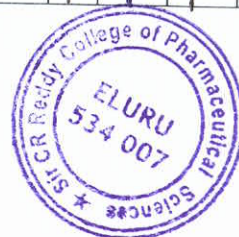
**Name of the programme :** A Two Week Certificate Programme on “Preparing the CMC section for NDA & IND”.

**DATE:** 17.01.2022

## DAY - WISE SHEET

**AY : 2021-2022**

S.NO	Regd.No	Name of the student	1 17/01	2 18/01	3 19/01	4 20/01	5 21/01	6 22/01	7 23/01	8 24/01	9 25/01	10 26/01	11 27/01	12 28/01
1	620178101001	SARANGI ANJLI	P	P	P	P	P	P	P	P	P	P	P	P
2	620178101002	BIKKINA ARUNA	P	P	P	P	P	P	P	P	P	P	P	P
3	620178101003	SHAIK AZEEM ARSHAD	P	P	P	P	P	P	P	P	P	P	P	P
4	620178101004	ALLU BABA RAHUL	P	P	P	P	P	P	P	P	P	P	P	P
5	620178101005	K B BHAVANI YOGESH	P	P	P	P	P	P	P	P	P	P	P	P
6	620178101006	MADASU BHARGAVI	P	P	P	P	P	P	P	P	P	P	P	P
7	620178101007	RETLA BHARGAVI RANI	P	P	A	P	P	P	P	P	P	P	P	P
8	620178101008	L BLESSY EVANGELIN	P	P	P	P	P	A	P	A	P	P	P	P
9	620178101009	MAMIDI CHANDRIKA	A	P	P	P	P	P	P	P	P	P	P	P
10	620178101010	K DEEPIKA	P	P	P	P	P	P	P	P	P	P	P	P
11	620178101011	KOYA DEEPIKANJALI	P	P	P	A	P	P	P	P	P	P	P	P
12	620178101012	AVUTAPALLI DIVYA SREE	P	P	P	P	P	P	P	P	A	P	P	P
13	620178101013	B GAYATHRI PRIYA	P	P	P	P	P	P	A	P	P	P	P	P
14	620178101014	JASTI GEESHMITA	P	P	P	P	P	P	P	P	P	P	A	P
15	620178101015	DADI HARSHA VARDHAN	P	A	A	P	P	P	P	P	P	P	P	P
16	620178101016	KOTANA JAHNAVI	P	P	P	P	P	P	P	P	P	P	P	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme :** A Two Week Certificate Programme on "Preparing the CMC section for NDA & IND".

**DATE:** 17.01.2022

**DAY - WISE SHEET**

**AY : 2021-2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			17/01	18/01	19/01	20/01	21/01	22/01	23/01	24/01	25/01	26/01	27/01	28/01
17	620178101017	S J VENKATA MURALI	P	P	P	P	P	P	P	P	P	P	P	P
18	620178101018	KOTTE JYOTHSANA	P	P	P	P	P	P	P	P	P	P	P	P
19	620178101019	M HANOK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
20	620178101020	G LAKSHMAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
21	620178101021	B L VENKATA MANEESH	P	P	P	P	P	P	P	P	P	P	P	P
22	620178101022	D LATHA SRI SAI	P	P	P	P	P	P	P	P	P	P	P	P
23	620178101023	CHALLA GOLLA LOHITHA	P	P	P	P	P	P	P	A	P	P	P	P
24	620178101024	R MADHAVI AKSHAYA	P	P	P	P	P	P	P	P	P	P	P	P
25	620178101025	ARIGELA MAHESHBABU	P	P	P	P	P	P	P	P	P	P	P	A
26	620178101026	MANIKALA MANASA	P	P	P	P	P	P	A	P	P	P	P	P
27	620178101027	K MYTHILI SREE DURGA	P	P	P	P	P	P	P	P	P	P	P	P
28	620178101028	V NAGA SAI DIVYA	A	P	P	P	P	P	P	P	P	P	P	P
29	620178101029	A N V VYASASWINI	P	P	A	P	P	P	P	P	P	P	A	P
30	620178101030	SAIDU NAVEEN	P	A	P	P	P	P	P	P	P	P	P	P
31	620178101031	JAMPA NEELAVENI	P	P	P	P	P	P	P	P	P	P	P	P
32	620178101032	BERAM PAVAN MOHAN	P	P	P	P	P	P	P	P	P	P	P	P





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**Name of the programme :** A Two Week Certificate Programme on "Preparing the CMC section for NDA & IND".

**DATE:** 17.01.2022

## DAY - WISE SHEET

**AY : 2021-2022**

S.NO	Regd.No	Name of the student	1 17/01	2 18/01	3 19/01	4 20/01	5 21/01	6 22/01	7 23/01	8 24/01	9 25/01	10 26/01	11 27/01	12 28/01
33	620178101033	SATTU POOJITHA	P	P	P	P	P	P	P	P	P	P	P	P
34	620178101034	P PRASANNA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
35	620178101035	KOMMINA PRAVEEN SAI	P	P	P	P	P	P	P	P	P	P	P	P
36	620178101036	G P SAI MANI RATNAM	P	P	P	P	P	P	P	P	P	P	P	P
37	620178101037	GEDDAM RATNA KUMARI	P	P	P	P	P	P	P	P	P	P	P	P
38	620178101038	SHAIK RUBINA	P	P	P	P	P	P	P	P	P	P	P	P
39	620178101039	SINGAMSETTY SADVIKA	P	P	P	P	P	P	P	P	P	P	P	P
40	620178101040	K SAI CHAND	P	P	P	P	P	P	P	P	P	P	P	P
41	620178101041	Y SAI CHETAN	P	P	P	P	P	P	P	P	P	P	P	P
42	620178101042	MANYAM SAI GANESH	P	P	P	P	P	P	P	P	P	P	P	P
43	620178101043	M SSANTHOSH HANUMAN	P	P	P	P	P	P	P	P	P	P	P	P
44	620178101044	SATHVIKA RAYAPATI	P	P	P	P	P	P	P	P	P	P	P	P
45	620178101045	MONDITHOKA SONY	P	P	P	P	P	P	P	P	P	P	P	P
46	620178101046	SONGA SOURAB ROSHAN	P	P	P	P	P	P	P	P	P	P	P	P
47	620178101047	CH SOWJANYA	P	P	P	P	P	P	P	P	P	P	P	P
48	620178101048	ADURI SOWMYA SRI	P	P	P	P	P	P	P	P	P	P	P	P



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DATE: 17-01-2022

## DAY - WISE SHEET

AY : 2021-2022

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			17/01	18/01	19/01	20/01	21/01	22/01	23/01	24/01	25/01	26/01	27/01	28/01
49	620178101049	KAMPASATI SRAVANI	P	P	P	P	A	P	P	P	P	P	P	P
50	620178101050	MADDDUKURI SRAVIKA	P	P	P	P	P	P	P	P	A	P	P	P
51	620178101051	PILLI SRI DIVYA KALA	P	P	P	P	P	P	P	P	P	P	P	P
52	620178101052	Y SRIKARA SARMA	P	P	P	P	P	P	P	P	P	P	P	P
53	620178101053	SURESH BABU VEERLA	P	P	P	P	P	P	P	P	P	P	P	P
54	620178101054	YADLAPALLI TEJASWINI	P	P	P	A	P	A	P	P	P	P	P	P
55	620178101055	VY UMA MAHESWARI	P	A	P	P	P	P	P	P	P	P	P	P
56	620178101056	BORRA USHA SRI	P	P	P	P	P	P	P	P	P	P	P	P
57	620178101058	K VVBN DY SAI RAM TEJA	P	P	P	P	P	P	P	A	P	P	P	P
58	620178101059	P Y SHANMUKESWARA R	P	P	P	P	P	P	P	P	P	P	P	P
59	620178101060	CH VENKATA TARUN	P	P	P	P	P	P	P	P	P	P	P	P
60	620178101061	D YOGENDRA BABU	P	P	P	P	P	P	P	P	P	P	P	P





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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date: 02/02/2022.....

## PROGRAMME REPORT

**Name of the programme:** "A TWO WEEK CERTIFICATE PROGRAMME ON PREPARING THE CMC SECTION FOR NDA & IND"

**Date:** 17/01/2022 to 31/01/2022.

**Resource Person:** Mr. C. Venkat Reddy,  
General Manager FDF, R&D quality assurance,  
Bollaram, Mylon laboratories, Hyderabad.  
Phone No: 9502823679  
Email ID: [venkatareddy.chilakamarri@viatris.com](mailto:venkatareddy.chilakamarri@viatris.com)

**Name of the Co-ordinator:** Mrs. K. Shanthi Priya,  
Assistant Professor,  
Dept. of Pharmacology.

**Number of students attended:** 60 ( II B. Pharmacy.)

**Venue:** Mini seminar hall ( Room No. 33 ), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To assure the quality of the finished product during all phases of development.
- To understand the comparison of CMC information recommended for IND and NDA in guidelines for submitting, supporting documentation in drug application for the manufacture of drug products.
- To learn the correlation of CMC information recommended for IND and NDA: Applying principles of ICH Q8 (R<sub>2</sub>) during IND stage.

### **Topics covered:**

- Drug development and regulatory approval strategy
- What is NDA and IND
- Overview of NDA content and format
- General requirement for providing CMC information
- Resources for NDA
- Types of NDAs
- Content and format of NDAs

### **Learning outcomes:**

- Knows the CMC information and data provided for IND & NDA should demonstrate that the quality of INDs & NDAs is equivalent.
- Understands the correlation of CMC information for IND & NDA using ICH Q8 (R<sub>2</sub>) approach demonstrates that the quality of investigational drug is equivalent to that of the proposed new drug product.

# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircreddypharmacy@gmail.com](mailto:sircreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



*A. Santhi Priya*  
Programme Co-ordinator





# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. ch. Sowjanya  
of 2<sup>nd</sup> yr. B-Pharmacy ..... has participated in  
A Two Week Certificate Programme on "Preparing the CMC section for DNA  
& IND" organised by Sir C.R.Reddy College of Pharmaceutical Sciences, Eluru  
from 17 / 01 / 2022 to 31 / 01 / 2022.

A. Santhi Priya  
Co-Ordinator

Ants  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

[Signature]  
DEAN  
(ACADEMICS)  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU - 534007  
(Academics)





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Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. ....K. Jahnavi.....  
of .....Dnd yr. B. Pharmacy..... has participated in  
A Two Week Certificate Programme on "Preparing the CMC section for DNA  
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A. Santhi Priya  
Co-Ordinator

PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



Dean  
(Academics)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007



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Email: sircreddypharmacy@gmail.com  
Website: www.sircrcops.edu.in  
Phone: (O) 08812 - 231492

07 / 02 / 2022


Date:.....

## CIRCULAR

This is to inform to all III B. Pharmacy students that A Two Week Certificate Programme on “**Novel approach strategies of herbal formulation**” by **Dr. N.B.V.Siva Ram**, is scheduled to conduct from 14 / 02 / 2022 to 28 / 02 / 2022 at lecture hall – 5 ( Room No. 30 ). All the students are instructed to enrol their names with programme coordinator on or before 11 / 02 / 2022.

**Programme Co-ordinator:** Mr. P.Chandra sekhar,  
Assistant Professor ,  
Dept. of pharmaceutics.



  
**DEAN**  
**( ACADEMICS )**  
**DEAN**  
**(ACADEMICS)**  
**SIR C.R. REDDY COLLEGE OF**  
**PHARMACEUTICAL SCIENCES**  
**ELURU - 534007**

### Copy to:

Head of Department's

Training and placement officer

Office

Library

Notice Board

## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :

.....

.....

Mobile : .....

email :



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. A. NARENDRA BABU**

Professor, Pharmacology

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mr. P. CHANDRA SEKHAR**

Assistant Professor,

Dept. of pharmaceutics.

Resource Person :

**Dr. N. B. V. SHIVA RAM**

Associate professor,

Dept. of Pharmaceutical chemistry,

Vikas Institute of Pharmaceutical Sciences,

Rajahmundry.

Phone number: 9490536945

Email ID: nbvshivaram@gmail.com

ADDRESS FOR COMMUNICATION :

**Mr. P. CHANDRA SEKHAR**

Assistant Professor ,

Dept. of pharmaceutics.

Email : pvsrscs@gmail.com

Contact Number : 9490032224



## SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE,  
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Santhi Nagar, Eluru, West Godavari District  
A.P., India - 534 007.

A Two Week  
Certificate Programme  
on

**Novel approach strategies  
of herbal formulation**

Dates :

**14 / 02 / 2022 to 28 / 02 / 2022**

Venue :

lecture hall - 5 ( Room No. 30)

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.

*Principal*  
**PRINCIPAL**  
**Sir C.R.Reddy College of  
Pharmaceutical Sciences**  
ELURU



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep place with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology – 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The Department of Pharmaceutics was established in 2011 with equipments like Tablet punching machine, Dissolution apparatus, Orbital shaking incubator, 8-Basket dissolution apparatus, Brookfield Viscometer, Hot air Oven, Stability chamber, Disintegration apparatus. The major apparitions for the Department are to inculcate how the me-too active pharmaceutical ingredients can be converted into outcome-oriented as well as patient-friendly end user formulations.

The basic knowledge about pharmaceutical technology and the proper way to get patent for their innovative ideas are the additional unique features of the program blended with the presence of highly-reputed faculty members with vast experience.

### About the Programme

- To get an idea about nano technology for herbal drugs.
- Preparation of herbal formulations protocol.
- New drugs usage in present century

### Objective of the Programme

- To increase the solubility, stability and provide protection against toxicity of pharmaceutical formulation.
- To minimise the drug degradation and pre systemic metabolism and thereby improves the ease of administration in the paediatric and geriatric pats by using herbal formulation.

### Topics to be Covered

- Introduction to herbal medicine
- Controlled-release formulations
- Nanoparticles
- Transdermal drug
- Transfereosomes
- Niosomes
- Marketed Herbal Novel Drug Delivery Formulations
- Introduction and scope of novel herbal drug delivery systems
- Importance of novel herbal drug delivery systems
- Types of drug delivery systems for herbal formulations
- Carriers for novel herbal drug delivery systems
- Drug discovery challenges from plants



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Phone: (O) 08812 - 231492

Date: .....

**Name of the programme :** A Two Week Certificate Programme on “Novel approach strategies of herbal formulation”

## DAY – WISE TOPICS SCHEDULE

**AY: 2021-2022**

Day	Date	Topic covered
1	14 / 02 / 2022	Introduction to herbal medicine
2	15 / 02 / 2022	Controlled-release formulations
3	16 / 02 / 2022	Nanoparticles
4	17 / 02 / 2022	Transdermal drug
5	18 / 02 / 2022	Transfereosomes
6	19 / 02 / 2022	Niosomes
7	21 / 02 / 2022	Marketed Herbal Novel Drug Delivery Formulations
8	22 / 02 / 2022	Introduction and scope of novel herbal drug delivery systems
9	23 / 02 / 2022	Importance of novel herbal drug delivery systems
10	24 / 02 / 2022	Types of drug delivery systems
11	25 / 02 / 2022	Types of drug delivery systems for herbal formulations
12	26 / 02 / 2022	Carriers for novel herbal drug delivery systems
13	28 / 02 / 2022	Drug discovery challenges from plants



*Pron Chandel*  
Programme Co-ordinator



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Date: .....

**Name of the programme :** A Two Week Certificate Programme on "Novel approach strategies of herbal formulation"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	619178101001	ANJANEYULU K	III YEAR BPHARM	K. Anjaneyulu
2	619178101002	AJAY KUMAR REDDY J	III YEAR BPHARM	Ajay Kumar
3	619178101003	ADITYA KRISHNA V P	III YEAR BPHARM	P. Aditya
4	619178101004	BALAMBICA M	III YEAR BPHARM	M. Balambica
5	619178101005	BHAVYA SRI S	III YEAR BPHARM	S. bhavya sri
6	619178101006	BHUMIKA MADASU	III YEAR BPHARM	M. Bhumika
7	619178101007	CHANDINI TALARI	III YEAR BPHARM	T. Chandini
8	619178101008	CHARISHMA KADHA	III YEAR BPHARM	K. charishma
9	619178101009	DEVIPAVANI G	III YEAR BPHARM	G. Devi Pavan
10	619178101010	DHARANI BUSSA	III YEAR BPHARM	B. dharoni
11	619178101011	DINESH BABU SIRILLA	III YEAR BPHARM	S. Dinesh Babu
12	619178101012	DIVYA KOMALI P	III YEAR BPHARM	P. Divya komali
13	619178101014	AISHWARYA V	III YEAR BPHARM	V. Aishwarya
14	619178101015	GNANA DEEPIKA N	III YEAR BPHARM	N. Gnana Deepika
15	619178101016	GOPI KANDIKATLA	III YEAR BPHARM	K. Gopi
16	619178101017	G KRISHNA SAI	III YEAR BPHARM	G. krishna sai
17	619178101018	HARINI ALTHI	III YEAR BPHARM	A. Harini
18	619178101019	HARSHA NANDINI B	III YEAR BPHARM	B. Harsha Nandini
19	619178101020	HEMANTH KUMAR Y	III YEAR BPHARM	H. Kumary
20	619178101021	JEEVAN MIRIYALA	III YEAR BPHARM	M. jeevan
21	619178101022	KALYAN KUMAR B	III YEAR BPHARM	B. Kalyankumar
22	619178101023	KEERTHI BALUSU	III YEAR BPHARM	B. keezthi
23	619178101024	KHURSHEED SHAIK	III YEAR BPHARM	SK. Khursheed
24	619178101025	KRISHNA GAYATHRI	III YEAR BPHARM	K. Gayathri
25	619178101026	KRISHNAVENI A	III YEAR BPHARM	A. krishna veni
26	619178101027	KUSUMANJALI Y	III YEAR BPHARM	K. kusumanjali
27	619178101028	MADHURI MATURI	III YEAR BPHARM	M. madhuri
28	619178101029	MANASA KG	III YEAR BPHARM	K. G. Manasa
29	619178101030	MANEESHADDEVI T	III YEAR BPHARM	T. Manishadevi
30	619178101031	MEGHANA K	III YEAR BPHARM	K. meghana
31	619178101033	MEGHANA THOTA	III YEAR BPHARM	T. Meghana
32	619178101034	MOHAN KCH K	III YEAR BPHARM	K. mohan
33	619178101035	MOUNIKA ROSY KA	III YEAR BPHARM	K. Mounika Rosy
34	619178101036	NAGA DURGA SK	III YEAR BPHARM	SK. Naga Durga
35	619178101037	PAVAN KUMAR V	III YEAR BPHARM	V. pavan kumar



Programme Co-ordinator



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Date: .....

**Name of the programme :** A Two Week Certificate Programme on “Novel approach strategies of herbal formulation”

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
36	619178101038	POOJITHA JUTTIGA	III YEAR BPHARM	J. Poojitha
37	619178101039	PRIYANKA THOKALA	III YEAR BPHARM	T. Priyanka
38	619178101040	RACHANA KAVULURI	III YEAR BPHARM	K. Rachana
39	619178101041	RAJASRI KUSUMA	III YEAR BPHARM	Kusuma
40	619178101042	RAM CHAITANYA GUNDA	III YEAR BPHARM	G. Ramchaitanya
41	619178101043	RAMYA SREE KUNUKU	III YEAR BPHARM	K. Ramya Sree
42	619178101044	RATNA DEEPIKA G	III YEAR BPHARM	G. Ratna Deepika
43	619178101045	SAHITHI KALAPALA	III YEAR BPHARM	K. Sahithi
44	619178101046	SARANYA CHINTAPALLI	III YEAR BPHARM	Saranya
45	619178101047	SARATH CHAND G	III YEAR BPHARM	Sarath
46	619178101048	SHINY BOLLE	III YEAR BPHARM	B. Shiny
47	619178101049	SHRAVANI CHINNA Y	III YEAR BPHARM	Y. Shravani
48	619178101050	SIVANI PUTTA	III YEAR BPHARM	P. Sivani
49	619178101051	SOWMYA KONDETI	III YEAR BPHARM	K. Sowmya
50	619178101052	SRIHARINI KADALI	III YEAR BPHARM	K. Sriharini
51	619178101053	SRUTHI GANTA	III YEAR BPHARM	S. Sruthi
52	619178101054	SUDHEER YARRA	III YEAR BPHARM	Y. Sudheer
53	619178101055	SUSHMA SHARON D	III YEAR BPHARM	D. Sharon
54	619178101057	TASLIMA SABREEN SHAIK	III YEAR BPHARM	S. Taslima
55	619178101058	TULASI RAJANI	III YEAR BPHARM	T. Rajani
56	619178101059	VENKATA MOHAN	III YEAR BPHARM	Venkata Mohan
57	619178101060	VIVEK UPPATI	III YEAR BPHARM	U. Vivek



*[Signature]*  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme :** A Two Week Certificate Programme on “Novel approach strategies of herbal formulation”.

**DATE:** 14/02/2022

**DAY - WISE SHEET**

**AY: 2021 - 2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13
			14/2	15/2	16/2	17/2	18/2	19/2	21/2	22/2	23/2	24/2	25/2	26/2	28/2
1	619178101001	ANJANEYULU KUCHIPUDI	P	P	P	P	P	P	P	P	P	P	P	P	P
2	619178101002	AJAY KUMAR REDDY J	P	P	P	P	P	P	A	P	P	P	P	P	P
3	619178101003	ADITYA KRISHNA VP	P	P	P	P	P	P	P	P	P	P	P	P	P
4	619178101004	BALAMBICA MOTAMARRI	P	P	A	P	P	P	P	P	P	P	A	P	P
5	619178101005	BHAVYA SRI SV	P	P	P	P	P	P	P	P	P	P	P	P	A
6	619178101006	BHUMIKA MADASU	P	P	P	P	P	A	P	P	P	P	P	P	P
7	619178101007	CHANDINI TALARI	P	A	P	P	P	P	P	P	P	P	P	P	P
8	619178101008	CHARISHMA KADHA	P	P	P	P	P	P	P	P	P	P	P	P	P
9	619178101009	DEVIPAVANI GORANTLA	P	P	P	P	P	P	P	A	P	A	P	A	P
10	619178101010	DHARANI BUSSA	P	P	P	P	P	P	P	P	P	A	P	P	P
11	619178101011	DINESH BABU SIRILLA	P	P	P	P	P	P	P	P	P	P	P	P	P
12	619178101012	DIVYA KOMALI PV	P	P	P	P	A	P	P	P	P	P	P	P	P
13	619178101014	GEETHA AISHWARYA V	P	P	P	P	P	P	P	P	A	P	P	P	P
14	619178101015	GNANA DEEPIKA NOWDU	P	P	P	P	P	P	P	P	P	P	P	P	P
15	619178101016	GOPI KANDIKATLA	P	P	P	P	P	P	P	P	P	P	P	P	P
16	619178101017	G KRISHNA SAI Ch R	P	P	P	P	P	P	P	P	P	P	P	P	P



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**Name of the programme :** A Two Week Certificate Programme on “Novel approach strategies of herbal formulation”.

**DATE:**

**DAY - WISE SHEET**

**AY: 2021 - 2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	
			14/2	15/2	16/2	17/2	18/2	19/2	20/2	21/2	22/2	23/2	24/2	25/2	26/2	28/2
17	619178101018	HARINI ALTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	619178101019	HARSHA NANDINI B	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	619178101020	HEMANTH KUMAR Y	P	P	A	P	P	P	P	P	P	P	P	P	P	P
20	619178101021	JEEVAN MIRIYALA	P	P	P	P	P	P	P	P	P	A	P	P	P	A
21	619178101022	KALYAN KUMAR B	P	P	P	P	P	A	P	A	P	P	P	P	P	A
22	619178101023	KEERTHI BALUSU	P	P	P	P	P	P	P	P	P	P	P	A	P	P
23	619178101024	KHURSHEED SHAIK	P	P	P	A	P	P	P	P	P	P	P	P	P	P
24	619178101025	KRISHNA GAYATHRI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	619178101026	KRISHNAVENI ANDRANGI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	619178101027	KUSUMANJALI YELISETTI	P	P	P	P	P	P	P	A	P	P	P	P	P	P
27	619178101028	MADHURI MATURI	P	P	P	P	P	P	A	P	A	P	P	P	P	P
28	619178101029	MANASA KANJAKSHI G	A	P	P	P	A	P	P	P	P	P	A	P	P	P
29	619178101030	MANEESHADDEVI THOTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	619178101031	MEGHANA KOMMIRISETTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	619178101033	MEGHANA THOTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	619178101034	MOHAN KRISHNA CH K	P	P	P	P	P	A	P	P	P	P	P	P	P	P





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme :** A Two Week Certificate Programme on “Novel approach strategies of herbal formulation”.

**DATE:**

**DAY - WISE SHEET**

**AY: 2021 - 2022**

S.NO	Regd.No	Name of the student	1 14/2	2 15/2	3 16/2	4 17/2	5 18/2	6 19/2	7 20/2	8 21/2	9 22/2	10 23/2	11 24/2	12 25/2	13 26/2
33	619178101035	MOUNIKA ROSY K	P	P	P	P	P	P	P	P	P	A	P	P	P
34	619178101036	NAGA DURGA SANTHI K	P	P	P	A	P	P	P	P	P	P	P	P	P
35	619178101037	PAVAN KUMAR VELUGU	P	P	P	P	P	P	P	P	P	P	P	P	P
36	619178101038	POOJITHA JUTTIGA	P	A	P	P	P	P	P	P	P	P	P	P	P
37	619178101039	PRIYANKA THOKALA	P	P	P	P	P	P	P	P	P	P	P	A	P
38	619178101040	RACHANA KAVULURI	A	P	P	P	P	P	P	P	P	P	P	A	P
39	619178101041	RAJASRI KUSUMA	P	P	P	P	P	P	A	P	P	P	P	P	P
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41	619178101043	RAMYA SREE KUNUKU	P	P	P	P	A	P	P	P	P	P	P	P	P
42	619178101044	RATNA DEEPIKA G	P	P	P	P	P	P	P	P	P	P	P	P	P
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46	619178101048	SHINY BOLLE	P	P	P	P	P	P	P	P	P	P	P	P	P
47	619178101049	SHRAVANI CHINNA Y	P	P	P	P	P	P	P	P	P	P	P	P	P
48	619178101050	SIVANI PUTTA	P	P	P	P	P	P	P	P	P	P	P	A	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



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**AY: 2021 - 2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13
			14/2	15/2	16/2	17/2	18/2	19/2	20/2	21/2	22/2	23/2	24/2	25/2	26/2
49	619178101051	SOWMYA KONDETI	P	P	P	P	P	P	P	P	P	P	P	P	P
50	619178101052	SRIHARINI KADALI	A	A	P	P	P	A	P	P	P	A	P	P	P
51	619178101053	SRUTHI GANTA	P	P	P	P	P	P	P	P	P	P	P	P	P
52	619178101054	SUDHEER YARRA	P	P	P	P	P	P	P	P	P	P	P	P	P
53	619178101055	SUSHMA SHARON D	P	P	P	P	P	P	P	P	P	P	A	P	P
54	619178101057	TASLIMA SABREEN SHAIK	P	P	P	P	A	P	P	A	P	P	P	P	P
55	619178101058	TULASI RAJANI	P	P	P	P	P	P	P	P	P	P	P	P	P
56	619178101059	VENKATA MOHAN GI Y	P	P	A	P	P	P	P	P	P	P	P	P	P
57	619178101060	VIVEK UPPATI	P	P	P	P	P	P	P	P	P	P	P	P	P

N N N N N N N N N N N N N N





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircreddypharmacy@gmail.com](mailto:sircreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date: .....  
03 / 03 / 2022

## PROGRAMME REPORT

**Name of the Programme:** “A TWO WEEK CERTIFICATE PROGRAMME ON NOVEL APPROACH ON STRATEGIES OF HERBAL FORMULATION”

**Date:** 14 / 02 / 2022 to 28 / 02 / 2022.

**Resource Person:** Dr. N. B. V. Shiva Ram,  
Associate professor,  
Dept. of Pharmaceutical chemistry,  
Vikas Institute of Pharmaceutical Sciences,  
Rajahmundry.  
Phone number: 9490536945  
Email ID: nbvshivaram@gmail.com

**Name of the Co-ordinator:** Mr. P.Chandra sekhar,  
Assistant Professor ,  
Dept. of pharmaceuticals.

**Number of students attended:** 57 ( III YEAR BPHARM )

**Venue:** lecture hall – 5 ( Room No. 30 ), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To increase the solubility, stability and provide protection against toxicity of pharmaceutical formulation.
- To minimise the drug degradation and pre systemic metabolism and thereby improves the ease of administration in the paediatric and geriatric pats by using herbal formulation.

### **Topics covered:**

- Introduction to herbal medicine
- Controlled-release formulations
- Nanoparticles
- Transdermal drug
- Transfereosomes
- Niosomes

### **Learning outcomes:**

- Made an understanding on the herbal formulation with lesser side effects when compared to pharmaceutical ones.
- Understand the different approaches for making herbal formulation by using different herbs

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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



  
Programme Co-ordinator





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION


This is to Certify that Prof/Dr/Mr/Mrs. B. shiny  
of III B. pharmacy has participated in  
A Two Week Certificate Programme on "Novel approach strategies of herbal  
formulation" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 14 / 02 / 2022 to 28 / 02 / 2022.

  
Co-Ordinator



  
PRINCIPAL

Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

  
Dean  
DEAN  
(Academics)

SIR C.R. REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007





# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

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Eluru - 534007, Eluru Dist, A.P., India.


## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. S. Bhavya Sri  
of III B. pharmacy has participated in  
A Two Week Certificate Programme on "Novel approach strategies of herbal  
formulation" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 14 / 02 / 2022 to 28 / 02 / 2022.

  
Co-Ordinator



  
Dean  
(Academics)  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU - 534007

  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

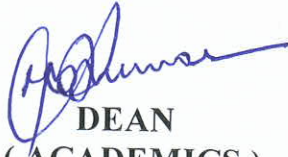
Date: 03 / 03 / 2022

## CIRCULAR

This is to inform to all II PharmD students that A Two Week Certificate Programme on “Recent approaches to moment disorders” by Mr. M. Krishna, is scheduled to conduct in our college seminar hall from 10 / 03 / 2022 to 24 / 03 / 2022 at lecture hall – 3 ( Room No. 27 ). All the students are instructed to enrol their names with programme coordinator on or before 08 / 03 / 2022.

**Programme Co-ordinator:** Dr. V. Mrudula Raj,  
Assistant Professor ,  
Dept. of Pharmacy practice.



  
**DEAN**  
**( ACADEMICS )**  
**DEAN**  
**(ACADEMICS)**  
**SIR C.R. REDDY COLLEGE OF**  
**PHARMACEUTICAL SCIENCES**  
**ELURU - 534007**

### Copy to:

Head of Department's

Training and placement officer

Office

Library

Notice Board

## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :  
.....  
.....

Mobile : .....

email : .....



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. A. NARENDRA BABU**

Professor, Pharmacology

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Dr. V. MRUDULA RAJ**

Assistant Professor,

Dept. of Pharmacy practice

Resource Person :

**Mr. M. KRISHNA**

Assistant Professor,

Dept. of Pharmacy practice

Sir C R Reddy College Of Pharmaceutical Sciences, Eluru.

Email : krishna.mannem@gmail.com

Contact Number : 7702060202

Address For Communication :

**Dr. V. MRUDULA RAJ**

Assistant Professor,

Dept. of Pharmacy practice

SIR C.R. Reddy College of Pharmaceutical Sciences, Eluru

Email : mrudularaaz@gmail.com

Contact Number : 9491874687



## **SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES**

(Approved by PCI and AICTE,  
Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru, West Godavari District  
A.P., India - 534 007.

A Two Week  
Certificate Programme  
on

**Recent approaches to  
moment disorders**

Dates :

**10 / 03 / 2022 to 24 / 03 / 2022**

Venue :

**LECTURE HALL - 3 ( Room No. 27 )**

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.

*Principal*  
**Sir C.R.Reddy College of  
Pharmaceutical Sciences**  
**ELURU-534007**



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep place with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology – 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The Pharmacy practice department is established in this Institution in the year 2014 primarily, when the college had taken initiative to include the course Doctor of Pharmacy in this Institution. The main target of our department is to achieve positive outcomes from drug therapy, promote safe and rational use of medicine. The department plays a prominent role in health care system at hospital setup through well programmed pharmaceutical care services, with Pharm D program and the department has MoU with Government General Hospital, Eluru and collaboration with a multi-specialty hospital corporate hospitals such as Andhra hospitals, Good Samaritan Cancer and Government District Hospital and St. Joseph dental for the advance clinical pharmacy teaching, learning and practice process from 2015.

Department of Pharmacy Practice contains with its Institutional Drug Information Centre (DIC) collaborating with Hospital along with MICROMEDEX , CLINIREX and UP TO DATE software since from the inception of the department.

### About the Programme

- To learn about Clinical examination and diagnostic criteria for movement disorders.
- Physiotherapy approaches for treating movement disorders
- Role of clinical pharmacist in approaching the patients with movement disorders

### Objective of the Programme

- To know the terminology to describe the movement disorders.
- To discuss the individual movement disorder syndromes including essential tremor, Parkinson disease, dystonia, myoclonus restless limb syndrome and wylsons disease.
- To know the current treatment options for the individual movement disorders.

### Topics to be Covered

- Introduction to movement disorders
- Classification of movement disorders
- Etiological factors involved in movement disorders
- Pathogenesis of movement disorders
- Clinical examination and diagnostic criteria for movement disorders
- Clinical investigations involved in diagnosis of movement disorders
- Guidelines for clinical approach to movement disorders
- Pharmacotherapy for treating movement disorders
- Combination therapy vs Single drug therapy in treating movement disorders



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Email: sircreddypharmacy@gmail.com  
Website: www.sircrcops.edu.in  
Phone: (O) 08812 – 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on “Recent approaches to movement disorders

## DAY – WISE TOPICS SCHEDULE

AY: 2021-2022

Day	Date	Topic covered
1	10 / 03 / 2022	Introduction to movement disorders
2	11 / 03 / 2022	Classification of movement disorders
3	14 / 03 / 2022	Etiological factors involved in movement disorders
4	15 / 03 / 2022	Pathogenesis of movement disorders
5	16 / 03 / 2022	Clinical examination and diagnostic criteria for movement disorders
6	17 / 03 / 2022	Clinical investigations involved in diagnosis of movement disorders
7	19 / 03 / 2022	Guidelines for clinical approach to movement disorders
8	21 / 03 / 2022	Pharmacotherapy for treating movement disorders
9	22 / 03 / 2022	Combination therapy vs Single drug therapy in treating movement disorders
10	23 / 03 / 2022	Physiotherapy approaches for treating movement disorders
11	24 / 03 / 2022	Role of clinical pharmacist in approaching the patients with movement disorders
12	25 / 03 / 2022	Instructions and Assistance for patient attendant for supporting the patient



*V. L. P.*  
Programme Co-ordinator



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Phone: (O) 08812 - 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on "Recent approaches to moment disorders"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
1	621178102001	KAJA AARTHI	II YEAR PHARMD	K. Aarthi
2	621178102002	J ASHOK BABU	II YEAR PHARMD	J. Ashok
3	621178102003	MEDAM AVINASH	II YEAR PHARMD	M. Avinash
4	621178102004	R CHARITHA DEVI	II YEAR PHARMD	R. Charitha Devi
5	621178102005	PEDDISSETTI GAYATHRI	II YEAR PHARMD	Gayathri P.
6	621178102006	BALLA HARSHA PRIYA	II YEAR PHARMD	B. Harsha Priya
7	621178102007	VARRE HARSHITHA	II YEAR PHARMD	H. Harshitha
8	621178102008	JHARIKA SRI SRAVANI T	II YEAR PHARMD	J. Harika S. S. T.
9	621178102009	KAGGA KARUNA	II YEAR PHARMD	K. Karuna
10	621178102010	CH KEERTHANA	II YEAR PHARMD	Ch. Keerthana
11	621178102011	REMAILLI LAASYA	II YEAR PHARMD	R. Laasya
12	621178102012	VASADI LAKSHMI	II YEAR PHARMD	V. Lakshmi
13	621178102013	BEERA LAKSHMI DEVI	II YEAR PHARMD	B. Lakshmi Devi
14	621178102014	SARIPALLI MANASWITHA	II YEAR PHARMD	S. Manaswitha
15	621178102015	CHINTA MANEESHA	II YEAR PHARMD	C. Maneesha
16	621178102016	URLA NAVYA KALA	II YEAR PHARMD	U. Navya K.
17	621178102017	K KALYANI	II YEAR PHARMD	K. Kalyani
18	621178102018	KINJINGI PRAVEEN	II YEAR PHARMD	K. Praveen
19	621178102019	REMAILLI RAMA SAI	II YEAR PHARMD	R. Rama Sai
20	621178102020	NANNA RANI MANASA	II YEAR PHARMD	N. Rani Manasa
21	621178102021	KRISHITHA SHRI	II YEAR PHARMD	K. Krishitha
22	621178102022	KAMBHAMPATI SAI TEJA	II YEAR PHARMD	K. Sai Teja
23	621178102023	KOPPULA SRAVANI	II YEAR PHARMD	K. Sravani
24	621178102024	VELPURI SRAVANI	II YEAR PHARMD	V. Sravani
25	621178102025	MOHAMMAD TAYYABA BARI	II YEAR PHARMD	M. Tayyaba Bari
26	621178102026	KATAM TEJA HARSHINI	II YEAR PHARMD	K. Teja Harshini
27	621178102027	POTHU RAJU VARSHA	II YEAR PHARMD	P. Varsha
28	621178102028	RELANGI VASANTHA	II YEAR PHARMD	R. Vasantha
29	621178102029	S VEDA SAHITHI	II YEAR PHARMD	S. Veda
30	621178102030	P. V ARAVIND KUMAR	II YEAR PHARMD	P. V. Aravind Kumar
31	621178102031	TVENKATA LAKSHMI	II YEAR PHARMD	T. Venkata Lakshmi
32	621178102032	KADALI VYSHANVI	II YEAR PHARMD	K. Vyshanvi



V. M. L. P.  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on “Recent approaches to mental disorders”

**DATE:**

**DAY - WISE SHEET**

**AY: 2021- 2022**

S.NO	Regd.No	Name of the student	1 10/3	2 11/3	3 14/3	4 15/3	5 16/3	6 17/3	7 19/3	8 21/3	9 22/3	10 23/3	11 24/3	12 25/3
1	621178102001	KAJA AARTHI	P	P	P	P	P	P	P	P	P	P	P	P
2	621178102002	J ASHOK BABU	P	P	P	P	P	P	P	P	P	P	P	P
3	621178102003	MEDAM AVINASH	P	P	P	P	P	P	P	P	A	P	P	P
4	621178102004	R CHARITHA DEVI	P	P	P	P	P	P	P	P	A	P	P	P
5	621178102005	PEDDISETTI GAYATHRI	P	P	P	P	P	P	P	A	P	P	P	P
6	621178102006	BALLA HARSHA PRIYA	P	P	P	P	P	P	P	A	P	P	P	A
7	621178102007	VARRE HARSHITHA	P	P	P	P	P	P	P	P	P	P	P	P
8	621178102008	JHARIKA SRI SRAVANI T	P	P	P	P	P	P	P	P	A	P	P	P
9	621178102009	KAGGA KARUNA	P	P	P	P	P	P	A	P	P	A	P	P
10	621178102010	CH KEERTHANA	P	P	P	P	P	P	P	P	P	P	A	P
11	621178102011	REMAILLI LAASYA	P	P	P	P	P	P	P	P	P	P	P	A
12	621178102012	VASADI LAKSHMI	P	P	P	P	P	P	P	P	P	P	P	A
13	621178102013	BEERA LAKSHMI DEVI	P	P	P	P	P	P	P	P	P	P	P	P
14	621178102014	SARIPALLI MANASWITHA	P	P	P	P	P	P	P	P	P	P	P	P
15	621178102015	CHINTA MANEESHA	P	P	P	P	P	P	P	P	P	P	P	P
16	621178102016	URLA NAVYA KALA	P	P	P	P	P	P	P	A	A	P	P	P





# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on "Recent approaches to mental disorders"

**DATE:**

**DAY - WISE SHEET**

**AY: 2021- 2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12
			10/3	11/3	14/3	15/3	16/3	17/3	19/3	21/3	22/3	23/3	24/3	25/3
17	621178102017	K KALYANI	P	P	P	P	P	P	P	P	P	P	P	P
18	621178102018	KINJINGI PRAVEEN	P	P	P	P	P	P	P	P	P	P	P	P
19	621178102019	REMALLI RAMA SAI	P	P	P	P	P	P	P	P	P	P	P	P
20	621178102020	NANNA RANI MANASA	P	P	P	P	P	P	P	P	P	P	P	P
21	621178102021	KRISHITHA SHRI	P	P	P	P	P	P	P	P	P	P	P	P
22	621178102022	KAMBHAMPATI SAI TEJA	P	P	P	P	P	P	P	P	P	P	P	P
23	621178102023	KOPPULA SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P
24	621178102024	VELPURI SRAVANI	P	P	P	P	P	P	P	P	P	P	P	P
25	621178102025	MOHAMMAD TAYYABA B	P	P	P	P	P	P	P	P	P	P	P	P
26	621178102026	KATAM TEJA HARSHINI	P	P	P	P	P	P	P	P	P	P	P	P
27	621178102027	POTHU RAJU VARSHA	P	P	P	P	P	P	P	P	P	P	P	P
28	621178102028	RELANGI VASANTHA	P	P	P	P	P	P	P	P	P	P	P	P
29	621178102029	S VEDA SAHITHI	P	P	P	P	P	P	P	P	P	P	P	P
30	621178102030	P. V ARAVIND KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
31	621178102031	TVENKATA LAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P
32	621178102032	KADALI VYSHANVI	P	P	P	P	P	P	P	P	P	P	P	P



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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492

Date **29 / 03 / 2022**

## PROGRAMME REPORT

**Name of the Programme:** A TWO WEEK CERTIFICATE PROGRAMME ON  
"RECENT APPROACHES TO MOVEMENT DISORDERS"

**Date:** 10 / 03 / 2022 to 24 / 03 / 2022.

**Resource Person:** Mr. M. Krishna,  
Assistant Professor,  
Dept. of Pharmacy practice  
Sir C R Reddy College Of Pharmaceutical Sciences, Eluru.  
Phone number: 7702060202.  
Email ID : [krisna.mannem@gmail.com](mailto:krisna.mannem@gmail.com)

**Name of the Co-ordinator:** Dr. V. Mrudula Raj,  
Assistant Professor,  
Dept. of Pharmacy practice.

**Number of students attended:** 32 ( II YEAR PHARM D )

**Venue:** lecture hall - 3 ( Room No. 27 ), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To know the terminology to describe the movement disorders.
- To discuss the individual movement disorder syndromes including essential tremor, Parkinson disease, dystonia, myoclonus restless limb syndrome and wylsons disease.
- To know the current treatment options for the individual movement disorders.

### **Topics covered:**

- Introduction to movement disorders
- Classification of movement disorders
- Etiological factors involved in movement disorders
- Pathogenesis of movement disorders
- Clinical examination and diagnostic criteria for movement disorders
- Clinical investigations involved in diagnosis of movement disorders

### **Learning outcomes:**

- Know about neuroimaging techniques to enhance the ability of the doctors to follow disease progression at the cellular level.
- Gained the knowledge on different types of movement disorders.
- Understand the advances in the treatment of movement disorders.



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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



*V. M. R.*  
**Programme Co-ordinator**




# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

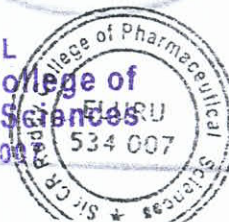
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Eluru - 534007, Eluru Dist, A.P., India.

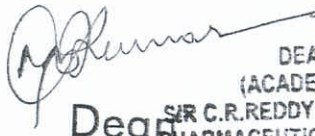
## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. R. Lasya  
of D. Pharm.D ..... has participated in  
A Two Week Certificate Programme on "Recent approaches to moment  
disorders" organised by Sir C.R.Reddy College of Pharmaceutical Sciences, Eluru  
from 10 / 03 / 2022 to 24 / 03 / 2022.

  
Co-Ordinator

  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



  
DEAN  
(ACADEMICS)  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU - 534007  
(Academics)





# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. K.kalyani  
of II. Pharm. D ..... has participated in  
A Two Week Certificate Programme on "Recent approaches to moment  
disorders" organised by Sir C.R.Reddy College of Pharmaceutical Sciences, Eluru  
from 10 / 03 / 2022 to 24 / 03 / 2022.

V.ULLP  
Co-Ordinator

AK  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



[Signature]  
Dean  
(Academics)

DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007

# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES

(Approved by PCI and AICTE, Affiliated to Andhra University, Visakhapatnam)

Santhi Nagar, Eluru  
West Godavari District  
A.P., India - 534 007.



Email: [sircreddypharmacy@gmail.com](mailto:sircreddypharmacy@gmail.com)  
Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 - 231492


Date: 28 / 03 / 2022

## CIRCULAR

This is to inform to all I Year M. Pharm students that A Two Week Certificate Programme on **"Recent Quality Control Systems - API To Consumer"** by **Mr. N.Srinivas Rao**, is scheduled to conduct from 04 / 04 / 2022 to 22 / 04 / 2022 at mini seminar hall ( Room No. 33 ) . All the students are instructed to enrol their names with programme coordinator on or before 01 / 04 / 2022.

**Programme Co-ordinator:** Mr. G.Kiran Kumar  
Assistant Professor,  
Dept. of Analysis.



  
**DEAN  
( ACADEMICS )**

**DEAN  
(ACADEMICS)  
SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES  
ELURU - 534007**

### Copy to:

Head of Department's

Training and placement officer

Office

Library

Notice Board



## REGISTRATION FORM

Name : .....

Dept : .....

Institution : .....

Address for Communication :

.....

.....

Mobile : .....

email :



## PROGRAMME COMMITTEE

President

**Sri. A. INDRA KUMAR**

SIR C.R.Reddy College of Pharmaceutical Sciences

Secretary

**Dr. M.B.S.V. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Correspondent

**Sri. M.B.V.N. PRASAD**

SIR C.R.Reddy College of Pharmaceutical Sciences

Principal

**Dr. A. NARENDRA BABU**

Professor, Pharmacology

SIR C.R.Reddy College of Pharmaceutical Sciences

Co - Ordinator

**Mr. G. KIRAN KUMAR**

Assistant Professor,

Dept. of Pharmaceutical Analysis

Resource Person :

**Dr. N. SRINIVASA RAO**

H.O.D of Pharmaceutical Analysis,

Vikas college of Pharmacy,

Vissannapeta.

Phone number:9951432997

Email ID: naidus.rao1@gmail.com

ADDRESS FOR COMMUNICATION :

**Mr. G. KIRAN KUMAR**

Assistant Professor,

Dept. of Pharmaceutical Analysis

SIR C.R. Reddy College of Pharmaceutical Sciences, Eluru

Email : kirru.pharm@gmail.com

Contact Number : 9701500511

**Sir C.R.Reddy College of  
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Santhi Nagar, Eluru, West Godavari District  
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A Two Week  
Certificate Programme  
on

**Recent Quality  
Control Systems -  
API To Consumer**

Dates :

**4 / 04 / 2022 to 22 / 04 / 2022**

Venue :

**MINI SEMINAR HALL ( ROOM NO.33 )**

**SIR C.R.REDDY COLLEGE OF  
PHARMACEUTICAL SCIENCES**

Santhi Nagar, Eluru

West Godavari District, A.P., INDIA - 534 007.



### About the Institute

Sir C.R.Reddy College of pharmaceutical sciences was established in 2007 to prepare graduates in pharmacy to meet their ever - increasing need in pharmaceutical industry, drug control, teaching and community pharmacy. The college is PCI and AICTE approved. The objectives of the college are to establish and maintain an outstanding professional education programme, to teach the students to become effective pharmacy graduates to meet the needs of the profession, to preserve, augment and transit knowledge regarding drugs, drug products and health, to conduct outstanding research and service programmes to keep place with the widening knowledge base required for pharmacy graduates and to collaborate with industry and other health disciplines to produce quality medicines. SIRCRRCOPS runs the UG and PG courses like B. Pharm established in 2007 with 60 seats, Pharm. D established in 2014 with 30 seats and M. Pharm established in 2011 with Pharmaceutical technology – 18 seats, Pharmacology -18 seats and Pharmaceutical Analysis and Quality Assurance- 18 seats.

### About the Department

The goal of the Department of Pharmaceutical Analysis is to concentrate on the creation of analytical techniques employing fresh pairings of tried-and-true techniques and instruments. It entails conducting fundamental research on the composition, stability, identity, and purity of excipients, starting materials, and active pharmaceutical components (API). The department is engaged in post-graduate student instruction and training in analytical sciences related to qualitative and quantitative estimate of natural and synthetic substances in various matrices by application of spectroscopy, chromatography, and analytical procedures

### About the Programme

- Guidelines of Managing API source in accordance with GDP.
- Developing data bases in API.
- To know about API strategy

### Objective of the Programme

- To ensure that the products are as uniform as possible.
- To ensure that a manufactured product or performed service adheres to a definite set of rules and guidelines.
- To minimise errors and inconsistencies within the products( API).

### Topics to be Covered

- Definition of API
- Regulation frame ware for APIs control
- Managing API source in accordance with GDP
- Risk assessment in API importation
- Demand of API importation
- Key aspects of API
- Lessons learned from APIs cases
- Strategy of API control
- Strategy of API control
- Development of e report & APIs database
- Developing database for imported APIs
- Opportunity to approach challenges

*Ans*  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007



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A.P., India - 534 007.



Email: sircreddypharmacy@gmail.com  
Website: www.sircrcops.edu.in  
Phone: (O) 08812 – 231492

Date: .....

**Name of the programme :** A Two Week Certificate Programme on “Recent Quality Control Systems - API To Consumer”

## DAY – WISE TOPICS SCHEDULE AY: 2021-2022

Day	Date	Topic covered
1	04 / 4 / 2022	Definition of API
2	06 / 4 / 2022	Regulation frame ware for APIs control
3	07 / 4 / 2022	Managing API source in accordance with GDP
4	08 / 4 / 2022	Risk assessment in API importation
5	11 / 4 / 2022	Demand of API importation
6	12 / 4 / 2022	Key aspect s of API
7	13 / 4 / 2022	Lessons learned from APIs cases
8	16 / 4 / 2022	Strategy of API control
9	18 / 4 / 2022	Strategy of API control
10	19 / 4 / 2022	Development of e report & APIs database
11	20 / 4 / 2022	Developing database for imported APIs
12	21 / 4 / 2022	Strategy towards development list of recognized
13	22 / 4 / 2022	Opportunity to approach challenges



**Programme Co-ordinator**

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Phone: (O) 08812 - 231492

Date: .....

**Name of the programme:** A Two Week Certificate Programme on "Recent Quality Control Systems - API To Consumer"

## LIST OF ENROLLED STUDENTS

AY: 2021-2022

S.NO	Regd.No	Name of the student	Year Branch	Signature
<b>PHARMACOLOGY</b>				
1	621178125001	P GAYATHRI SWETHA	I YEAR MPHARM	Gayathri Swetha
2	621178125002	KANIGOLLA HEMALATHA	I YEAR MPHARM	K. Hemalatha
3	621178125003	KONDRU JYOTHI	I YEAR MPHARM	K. Jyothi
4	621178125004	PASUPULETI MANASA	I YEAR MPHARM	P. Manasa
5	621178125005	Ch MERCY MANJULA	I YEAR MPHARM	Ch. Mercy Manjula
6	621178125006	GANTA PRAVALLIKA	I YEAR MPHARM	G. Pravallika
7	621178125007	GOTRU SUNEEL KUMARI	I YEAR MPHARM	G. S. Sunee Kumari
<b>PHARMACEUTICAL ANALYSIS</b>				
8	621278121001	ABITHA SRI BODA	I YEAR MPHARM	B. Abitha Sri
9	621278121002	ALEKHYA.M	I YEAR MPHARM	Alekhyam
10	621278121003	CHIMME JAYA SINDHU	I YEAR MPHARM	Ch. Jaya Sindhu
11	621278121004	K LAKSHMI DURGA I	I YEAR MPHARM	K. Lakshmi Durga
12	621278121005	KOLAGANI SAILAKSHMI	I YEAR MPHARM	K. Sailakshmi
13	621278121006	SANDHEEP MAREEDU	I YEAR MPHARM	M. Sandeep
14	621278121007	JUNAPUDI SANDHYA	I YEAR MPHARM	J. Sandhya
15	621278121008	PSANGEETHA	I YEAR MPHARM	P. Sangeetha
16	621278121009	KSUGUNA THERESA	I YEAR MPHARM	K. Suguna Theresa
<b>PHARMACEUTICAL TECHNOLOGY</b>				
17	621178101001	S DANIEL SUMANTH	I YEAR MPHARM	S. Daniel Sumanth
18	621178101002	T MOUNISHA PALLAVI	I YEAR MPHARM	T. Mounisha
19	621178101003	GUNDRU SREE HARSHITH	I YEAR MPHARM	G. Sree Harshith
20	621178101004	A.S.L.V.BHAVANI	I YEAR MPHARM	A. Bhavani
21	621178101005	BODDANI SUNIL	I YEAR MPHARM	B. Sunil
22	621178101006	K.SUSHMITHA	I YEAR MPHARM	K. Susmitha
23	621178101007	GANGULA V V NPRASAD	I YEAR MPHARM	G. V. V. N. Prasad



  
Programme Co-ordinator



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



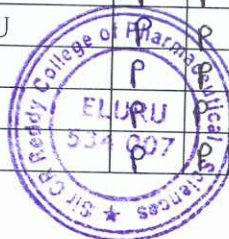
Name of the programme: A Two Week Certificate Programme on "Recent Quality Control Systems - API To Consumer".

DATE: 4/4/2022

DAY - WISE SHEET

AY: 2021-2022

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13
			4/4	6/4	7/4	8/4	11/4	12/4	13/4	16/4	18/4	19/4	20/4	21/4	22/4
PHARMACOLOGY															
1	621178125001	P GAYATHRI SWETHA	P	P	P	P	P	P	P	P	P	P	P	P	P
2	621178125002	KANIGOLLA HEMALATHA	P	P	P	P	P	P	P	P	P	P	P	P	P
3	621178125003	KONDRU JYOTHI	P	P	P	P	P	P	P	P	P	P	P	P	P
4	621178125004	PASUPULETI MANASA	P	P	P	P	P	P	P	P	P	P	P	P	P
5	621178125005	CH MERCY MANJULA	P	P	P	P	P	P	P	P	P	P	P	P	P
6	621178125006	GANTA PRAVALLIKA	P	P	P	P	P	P	P	P	P	P	P	P	P
7	621178125007	GOTRU SUNEEL KUMARI	P	P	P	P	P	P	P	P	P	P	P	P	P
PHARMACEUTICAL ANALYSIS															
8	621278121001	ABITHA SRI BODA	P	P	P	P	P	P	P	P	P	P	P	P	P
9	621278121002	ALEKHYA.M	P	P	P	P	P	P	P	P	P	P	P	P	P
10	621278121003	CHIMME JAYA SINDHU	P	P	P	P	P	P	P	P	P	P	P	P	P
11	621278121004	K LAKSHMI DURGA I	P	P	P	P	P	P	P	P	P	P	P	P	P
12	621278121005	KOLAGANI SAILAKSHMI	P	P	P	P	P	P	P	P	P	P	P	P	P
13	621278121006	SANDHEEP MAREEDU	P	P	P	P	P	P	P	P	P	P	P	P	P
14	621278121007	JUNAPUDI SANDHYA	P	P	P	P	P	P	P	P	P	P	P	P	P
15	621278121008	P SANGEETHA	P	P	P	P	P	P	P	P	P	P	P	P	P
16	621278121009	K SUGUNA THERESA	P	P	P	P	P	P	P	P	P	P	P	P	P



# SIR C.R. REDDY COLLEGE OF PHARMACEUTICAL SCIENCES



**Name of the programme:** A Two Week Certificate Programme on "Recent Quality Control Systems - API To Consumer".

**DATE:** 4/4/2022

**DAY - WISE SHEET**

**AY: 2021-2022**

S.NO	Regd.No	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13
			4/4	6/4	7/4	8/4	11/4	12/4	13/4	16/4	18/4	19/4	20/4	21/4	22/4
<b>PHARMACEUTICAL TECHNOLOGY</b>															
1	621178101001	S DANIEL SUMANTH	P	P	P	P	P	P	P	P	P	P	P	P	P
2	621178101002	T MOUNISHA PALLAVI	P	P	P	P	P	P	P	P	P	P	P	P	P
3	621178101003	GUNDRU SREE HARSHITH	P	P	P	P	P	P	P	P	P	P	P	P	P
4	621178101004	A.S.L.V.BHAVANI	P	P	P	P	P	P	P	P	P	P	P	P	P
5	621178101005	BODDANI SUNIL	P	P	P	P	P	P	P	P	P	P	P	P	P
6	621178101006	K.SUSHMITHA	P	P	P	P	P	P	P	P	P	P	P	P	P
7	621178101007	G V V NAGA PRASAD	P	P	P	P	P	P	P	P	P	P	P	P	P

*(Handwritten signatures/initials across the bottom of the table)*





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Website: [www.sircrcops.edu.in](http://www.sircrcops.edu.in)  
Phone: (O) 08812 – 231492

Date:.....25 / 04 / 2022

## PROGRAMME REPORT

**Name of the programme:** “A TWO WEEK CERTIFICATE PROGRAMME ON RECENT QUALITY CONTROL SYSTEM API TO CONSUMER”

**Date:** 04 / 04 / 2022 to 22 / 04 / 2022.

**Resource Person:** Dr. N Srinivasa Rao ,  
H.O.D of Pharmaceutical Analysis,  
Vikas college of Pharmacy,  
Vissannapeta.  
Phone number:9951432997  
Email ID: [naidus.rao1@gmail.com](mailto:naidus.rao1@gmail.com)

**Name of the Co-ordinator:** Mr. G. Kiran Kumar,  
Assistant Professor,  
Dept. of Pharmaceutical Analysis.

**Number of students attended:** 23 ( I year M.PHARM)

**Venue:** mini seminar hall ( Room No. 33 ), Sir C R Reddy College Of Pharmaceutical Sciences

### **Objectives:**

- To ensure that the products are as uniform as possible.
- To ensure that a manufactured product or performed service adheres to a definite set of rules and guidelines.
- To minimise errors and inconsistencies within the products( API).

### **Topics covered:**

- Regulation frame ware for APIs control
- Managing API source in accordance with GDP
- Risk assessment in API importation
- Demand of API importation
- Key aspect s of API
- Lessons learned from APIs cases

### **Learning outcomes:**

- Gained knowledge regarding identifying, evaluating scientifically and controlling potential risks to quality
- Able to understand the standardization processes structure to reduce variation and achieve predictable results in order to improve outcomes for patients, health care systems and organization.

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Phone: (O) 08812 – 231492

Date:.....

The Correspondent and the Principal of Sir C. R. Reddy College of pharmaceutical sciences expressed their gratitude to the resource person and participants for making the event successful.



  
Programme Co-ordinator







# SIR C.R.REDDY COLLEGE OF PHARMACEUTICAL SCIENCES


Approved By AICTE & PCI, Affiliated to Andhra University, Visakhapatnam  
Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. P. Gayathri. Juvetha  
of 1<sup>st</sup> Year M-Pharm has participated in  
A Two Week Certificate Programme on "Recent Quality Control Systems -  
API To Consumer" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 04 / 04 / 2022 to 22 / 04 / 2022.

  
Co-Ordinator

  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

  
Dean  
( Academics )  
DEAN  
(ACADEMICS)  
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ELURU - 534007





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Eluru - 534007, Eluru Dist, A.P., India.

## CERTIFICATE OF PARTICIPATION

This is to Certify that Prof/Dr/Mr/Mrs. .... *Alkhyas . M* .....  
of ..... *1st year . M. Pharm* ..... has participated in  
A Two Week Certificate Programme on "Recent Quality Control Systems -  
API To Consumer" organised by Sir C.R.Reddy College of Pharmaceutical Sciences,  
Eluru from 04 / 04 / 2022 to 22 / 04 / 2022.

*[Signature]*  
Co-Ordinator

*[Signature]*  
PRINCIPAL  
Sir C.R.Reddy College of  
Pharmaceutical Sciences  
ELURU-534007

*[Signature]*  
Dean  
(Academics)  
DEAN  
(ACADEMICS)  
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