

# GOKULA KRISHNA COLLEGE OF PHARMACY

HEI CODE: C-26844

NAAC DVV

CYCLE I



## 1 : CURRICULAR ASPECTS

**1.2 Academic Flexibility**

**1.2.1 No. of Add-on Programs Offered during last 5 years**

**1.2.1(1) Add-on Programs for A.Y 2022-23**



Approved by PCI, New Delhi, Government of AP & Affiliated to JNTUA  
Recognized by UGC U/S 2(f), An ISO 9001:2015 Certified Institution

**Behind RTC Depot, Sullurupeta, Tirupati Dist, Andhra Pradesh - 524121**

☎ 9948990116

🌐 [www.gkcp.edu.in](http://www.gkcp.edu.in)

✉ [gkcpsp@rediffmail.com](mailto:gkcpsp@rediffmail.com)

Sri Krishna Educational Society's

# GOKULA KRISHNA COLLEGE OF PHARMACY

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An ISO 9001:2015 Certified Institution

Behind RTC Depot, Sullurupeta, Tirupati Dist, A.P, INDIA - 524121

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email: gkcpsp@rediffmail.com

Web: www.gkcp.edu.in

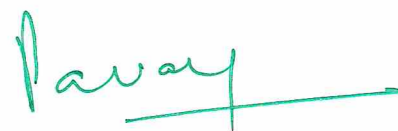
## LIST OF CERTIFICATE / ADD-ON COURSES CONDUCTED

A.Y.: 2022-23

S.No	Name of the Program	Duration of Course	No. of Participants
1	A two week add-on program on "Summation of Advances in Pharmaceutical Drug Delivery & Technology"	10-04-2023 to 26-04-2023	29
2	A two week add-on program on "Abridgement of Herbal Drug Development and Standardization"	14-03-2023 to 31-03-2023	29
3	A two week add-on program on "Epitomize of Molecular Docking"	07-02-2023 to 24-02-2023	28
4	A two week add-on program on "Summing up of GMP & cGMP"	11-10-2022 to 27-10-2022	30
5	A two week add-on program on "Exhaustive view on Applications of Computers in Pharmacy"	15-09-2022 to 30-09-2022	30
6	A two week add-on program on "The Instruments Involved in Pharmaceutical Analysis"	26-07-2022 to 11-08-2022	30

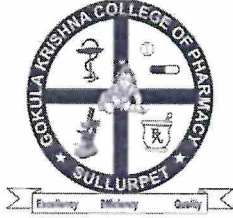
  
IQAC





PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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01-04-2023

## CIRCULAR

All the students are hereby informed that the department of pharmaceuticals will be organizing A Two-week **add-on program** on "**Summation of Advances in Pharmaceutical Drug Delivery and Technology**" from **10-04-2023** to **26-04-2023**. Hence, all the students can register their names with the coordinator on or before **06-04-2023**.

**Coordinator:** Mrs. N.Sukanya, Asso.Professor, Department of Pharmaceutics.

PRINCIPAL

### Copy to

1. Coordinator - IQAC
2. Program Coordinator
3. Circulation to B.Pharmacy students
4. All teaching faculty
5. Accounts office for information
6. Admin office for information
7. Office file

**Dr. BALAGANI PAVAN KUMAR**  
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N. Sukanya  
P. J. Annam  
②  
[Handwritten signatures and initials in blue ink]



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A.Y: 2022-23

## Course Schedule

**Course Name** : A Two-week add-on program on "Summation of Advances in Pharmaceutical Drug Delivery and Technology"

**Course Duration** : Two weeks (10.04.2023 to 26.04.2023)

S.No	Session Date	Topics to be Covered
1	10-04-2023	Introduction, early period of drug delivery system
2	11-04-2023	Recent drug delivery systems and applications
3	12-04-2023	Polymers
4	13-04-2023	General mechanism for drug delivery
5	14-04-2023	Nanoparticles
6	15-04-2023	Liposomes
7	17-04-2023	Resealed erythrocytes
8	18-04-2023	Insitu gel drug delivery system
9	19-04-2023	Transdermal drug delivery system
10	20-04-2023	Combined drug delivery
11	21-04-2023	Targeted drug delivery
12	24-04-2023	Changes associated with current drug delivery
13	25-04-2023	Future directions for drug delivery system
14	26-04-2023	Applications and conclusion

  
PROGRAM COORDINATOR

  
PRINCIPAL



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SULLURPET, TIRUPATI Dt. A.P - 524121

*A two week add-on program*

*on*

**"Summation of Advances in  
Pharmaceutical  
Drug Delivery & Technology"**

**Resource Person:**

**Mrs. D.Kalyani**

Asso. Professor,

Dept of Pharmaceutics,

**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 8106686200

Mail id: kevinkarunya@gmail.com

**Coordinator:**

**Mrs.N.Sukanya**

Asso.Professor

**Registration Details**

*No Registration Fee*

**Last Date for Registration :**

**On or before: 06-04-2023**

**Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

**Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

**Organizing Committee**

**Mrs.P.Kavitha**

Asso.Professor

**Ms.A.R.Sridevi**

Asso. Professor

**Mrs.T.Swathi**

Asst. Professor

**Mr.B.Nagendraprasad**

Asst. Professor

**Ms.C.B.Hanisha**

Asso. Professor

*A two week add-on program  
on*

*"Summation of Advances in  
Pharmaceutical Drug Delivery & Technology"*

**10-04-2023 to 26-04-2023.**

Organized by



**GOKULA KRISHNA  
COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH – 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## ABOUT ADD-ON PROGRAM

Add-on courses are designed to equip the students to face the emerging challenges in the job market and another way to gain more knowledge on subjects.

Graduates who have completed add-on courses may be able to command higher salaries than their peers who have not completed additional training. This is because employers recognize the value of specialized expertise and are willing to pay a premium for it.

Significant progress has been made in recent years toward the successful development of drug delivery systems based on organic, inorganic, and hybrid nanoparticles as drug carriers for active targeting, particularly in chemotherapy. In the development of an optimal drug delivery system, recent drug delivery systems are recognized to be the newest developments and innovative understanding of the pharmacokinetic and pharmacodynamic behavior of pharmaceuticals. Advances in Drug delivery technologies have been proven to improve treatment outcomes in many ways, including enhancing therapeutic efficacy, reducing toxicity, increasing patient compliance, and enabling entirely new medical treatments.

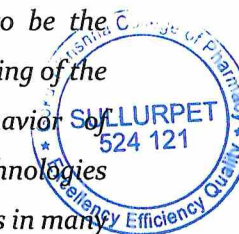
## OBJECTIVE OF THE PROGRAM:

- To understand the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation,
- Impart knowledge and skills necessary to train the students in the area of novel drug delivery systems

## OUTCOME OF THE PROGRAM:

- Design and evaluate the various customized, sustained and controlled release dosage forms
- Load with principles behind the development of various dosage forms

Gold Medal 2014-15



*Kavay*

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A.Y: 2022-23

## LIST OF ENROLLED STUDENTS

**Name of the Program :** A Two-week add-on program on "Summation of Advances in Pharmaceutical Drug Delivery and Technology"

**Date of the Program :** Two Weeks (10-04-2023 to 26-04-2023)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	22Z71R0005	BHAVANI SHIVANNA GARI	I/I	B. Pharm	S. Bhavani
2	22Z71R0012	DAHIYA THABASUM SHAIK	I/I	B. Pharm	Sk. Dahiya Thabasa
3	22Z71R0014	DEEPIKA PATTUKOTA	I/I	B. Pharm	P. Deepika
4	22Z71R0015	DIVYA BALIPAKA	I/I	B. Pharm	B. Divya
5	22Z71R0016	DIVYA SADIBOYINA	I/I	B. Pharm	S. Divya
6	22Z71R0022	HEMANTH S	I/I	B. Pharm	he H S
7	22Z71R0023	HUMERA PARVEEN SHAIK	I/I	B. Pharm	Sk. Humera Parveen
8	22Z71R0024	JAYAKRISHNA PUCHALAPALLI	I/I	B. Pharm	P. Jayakrishna
9	22Z71R0025	JERUSHA GRACE BALLI	I/I	B. Pharm	B. Jerusha Grace
10	22Z71R0027	JOYDEEP PALA	I/I	B. Pharm	P. Joydeep
11	22Z71R0029	KALYANI KALLUTLA	I/I	B. Pharm	K. Kalyani
12	22Z71R0032	KAVIYA S	I/I	B. Pharm	S. Kaviya
13	22Z71R0039	LIPIKA PRADHAN	I/I	B. Pharm	Lipika Pradhan
14	22Z71R0045	MUNIBALU JADA	I/I	B. Pharm	J. Munibalu



*Narayana*  
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15	22Z71R0049	NIKHITHA KALAHASTHI	I/I	B. Pharm	K. Nikhitha
16	22Z71R0050	NIKHITHA KALLETI	I/I	B. Pharm	K. Nikhitha
17	22Z71R0051	NIKITHA AMMINERI	I/I	B. Pharm	A. Nikitha
18	22Z71R0054	PALLAVI RAJANNA GARI	I/I	B. Pharm	R. Pallavi
19	22Z71R0055	PAVANKALYAN DASA	I/I	B. Pharm	D. Pavan kalyan
20	22Z71R0063	REKHA S	I/I	B. Pharm	S. Rekha
21	22Z71R0066	ROOPASREE SIDDAMSETTY	I/I	B. Pharm	S. Roopasree
22	22Z71R0071	SANDEEP PALA	I/I	B. Pharm	P. Sandeep
23	22Z71R0077	SELVA PRIYA C	I/I	B. Pharm	C. Selva priya
24	22Z71R0086	SRIPRIYA R	I/I	B. Pharm	R. Sripriya
25	22Z71R0088	SUDHARSHAN REDDY KUDUMULA	I/I	B. Pharm	K. sudharshan Reddy
26	22Z71R0092	SURESH P	I/I	B. Pharm	P. Suresh
27	22Z71R00A2	VEENA SODABATHINI	I/I	B. Pharm	S. Veena
28	22Z71R00A8	YAMINI MAYARI	I/I	B. Pharm	M. Yamini
29	22Z71R00B0	YASASWINI MULINTI	I/I	B. Pharm	M. Yasaswini

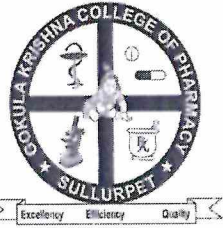
*N. Sankhya*  
PROGRAM COORDINATOR



*Pavan*  
PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
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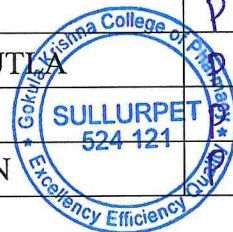
website: www.gkcp.edu.in

A.Y: 2022-23

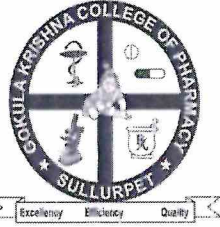
**A Two-week add-on program on "Summation of Advances in Pharmaceutical Drug Delivery and Technology"**

## DAY WISE ATTENDANCE SHEET

S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			10/4	11/4	12/4	13/4	14/4	15/4	17/4	18/4	19/4	20/4	21/4	24/4	25/4	26/4	
1	22Z71R0005	BHAVANI SHIVANNA GARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	22Z71R0012	DAHIYA THABASUM SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	22Z71R0014	DEEPIKA PATTUKOTA	P	P	P	P	P	P	P	P	P	P	P	A	P	P	13
4	22Z71R0015	DIVYA BALIPAKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
5	22Z71R0016	DIVYA SADIBOYINA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	13
6	22Z71R0022	HEMANTH S	P	A	P	P	P	P	P	P	P	P	P	P	P	P	13
7	22Z71R0023	HUMERA PARVEEN SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
8	22Z71R0024	JAYAKRISHNA PUCHALAPALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	22Z71R0025	JERUSHA GRACE BALLI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	13
10	22Z71R0027	JOYDEEP PALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	22Z71R0029	KALYANI KALLUTTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
12	22Z71R0032	KAVIYA S	P	P	A	P	P	P	P	P	P	P	P	P	P	P	13
13	22Z71R0039	LIPIKA PRADHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14



*Kavya*  
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 PROFESSOR & PRINCIPAL  
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14	22Z71R0045	MUNIBALU JADA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
15	22Z71R0049	NIKHITHA KALAHASTHI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	13
16	22Z71R0050	NIKHITHA KALLETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	22Z71R0051	NIKITHA AMMINERI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	22Z71R0054	PALLAVI RAJANNA GARI	P	P	P	P	P	P	P	P	P	P	A	P	P	P	13
19	22Z71R0055	PAVANKALYAN DASA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
20	22Z71R0063	REKHA S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
21	22Z71R0066	ROOPASREE SIDDAMSETTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	22Z71R0071	SANDEEP PALA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	13
23	22Z71R0077	SELVA PRIYA C	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	22Z71R0086	SRIPRIYA R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
25	22Z71R0088	SUDHARSHANREDDY KUDUMULA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	13
26	22Z71R0092	SURESH P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	13
27	22Z71R00A2	VEENA SODABATHINI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	13
28	22Z71R00A8	YAMINI MAYARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
29	22Z71R00B0	YASASWINI MULIYIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*N. Sankar*  
PROGRAM COORDINATOR



*Dr. Balagani Pavan Kumar*  
M. Pharm, Ph.D., FICP, FBSS, FAGE, FCCP, MISTE  
PRINCIPAL  
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**Date: 27-04-2023**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week add-on program on "Summation of Advances in Pharmaceutical Drug Delivery and Technology"
- Date of the Program** : 10-04-2023 to 26-04-2023
- Details of the Resource Person** : **Mrs. D.Kalyani**  
Asso.Professor, Dept. of pharmaceutics,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist, A.P  
Contact number: +91 8106686200  
Mail id: kevinkarunya@gmail.com
- Objectives of the Program** : Towards procurement of this course, students should be able to
- understand the various approaches for development of novel drug delivery system
  - Understand the current developments in drug delivery system and technology,
  - To understand the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation,
  - Impart knowledge and skills necessary to train the students in the area of novel drug delivery systems.
- Topics covered** : Step down of Advances in pharmaceutical drug delivery and technology
- Types of new drug delivery system: Nanotechnology



*Kalyani*  
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- Liposomes
- Resealed erythrocytes
- General mechanism for drug delivery
- Combined drug delivery
- Pharmaceutical applications

**Outcome of the Program** : On successful execution of this program, a student will be expected to be able to

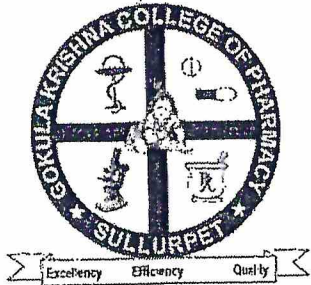
- Design and evaluate the various customized, sustained and controlled release dosage forms
- Load with principles behind the development of various dosage forms

**Number of Participants** : 29

  
**PROGRAM COORDINATOR**



  
**Dr. BALAGANI PAVAN KUMAR**  
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PROFESSOR & PRINCIPAL  
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Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs. ....KUMAR:GUNTI.....

has participated in A Two Week Certificate Program on " **Summation of  
Advances in Pharmaceutical Drug Delivery & Technology** " organized by

Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 10<sup>th</sup> to 26<sup>th</sup> April 2023.

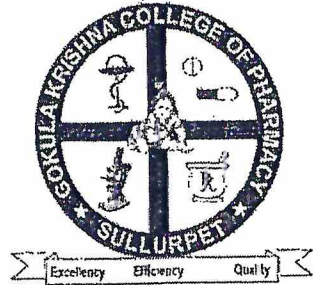


*N. Subanya*  
**COORDINATOR**

*Narayana*  
**Dr. BALAGANI RAVAN KUMAR**  
M. Pharm. Ph.D. FICCP MISTE  
PROF. PRINCIPAL

*Narayana*  
**PRINCIPAL**

GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI DISTRICT, A.P - 524121



# GOKULA KRISHNA COLLEGE OF PHARMACY

(Sponsored by Sri Krishna Educational Society, Hyderabad)

An ISO 9001:2015 Certified Institution

Approved by PCI, New Delhi, Government of AP, Affiliated to JNTUA

Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs. K.ERATHANA PULI.....

has participated in A Two Week Certificate Program on " **Summation of  
Advances in Pharmaceutical Drug Delivery & Technology** " organized by  
Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 10<sup>th</sup> to 26<sup>th</sup> April 2023.



*[Signature]*  
**COORDINATOR**

*[Signature]*  
**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D FICP FICP MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121

*[Signature]*  
**PRINCIPAL**



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Mobile : 9948990116

E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

04-03-2023

## CIRCULAR

All the students are hereby informed that the department of Pharmacognosy will be organizing A Two-week **add-on program** on "**Abridgment of Herbal drug development & Standardization**" from **14-03-2023** to **31-03-2023**. Hence, all the students can register their names with the coordinator on or before **09-03-2023**

**Coordinator: Mrs. N.Sukanya, Asso.Professor, Department of Pharmaceutics.**

*Pavani*

**PRINCIPAL**  
**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FIBS, FAGE, FICCP, MISTE  
**PROFESSOR & PRINCIPAL**  
**GOKULA KRISHNA COLLEGE OF PHARMACY**  
**SULLURPET, TIRUPATI Dt. A.P - 524121**

### Copy to

1. Coordinator – IQAC
2. Program Coordinator
3. Circulation to B.Pharmacy students
4. All teaching faculty
5. Accounts office for information
6. Admin office for information
7. Office file



*N. Sukanya*  
*P. J. Kumar*  
*(B) [Signature]*  
*[Signature]*

*[Signature]*  
*T. Narayana*  
*[Signature]*



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E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

**A.Y: 2022-23**

## Course Schedule

**Course Name :** A Two-week add-on program on " **Abridgment of Herbal Drug Development & Standardization**"

**Course Duration:** Two weeks (14.03.2023 to 31.03.2023)

S.No	Session Date	Topics to be Covered
1	14-03-2023	Bio agriculture or organic farming of herbal plants.
2	15-03-2023	Indian system of medicine
3	16-03-2023	Neutraceuticals
4	17-03-2023	Herbal and food interactions
5	18-03-2023	Herbal cosmetics
6	20-03-2023	Herbal excipients
7	21-03-2023	Herbal formulations
8	23-03-2023	Evaluation of herbal drugs
9	24-03-2023	ICH guidelines for Herbal drugs
10	25-03-2023	Patenting and regulatory requirements for Herbal drugs
11	27-03-2023	Regulatory issues for Herbal drugs
12	28-03-2023	GMP for Indian system of medicine
13	29-03-2023	Layout, working and requirements of Herbal industry
14	31-03-2023	Preliminary phytochemical screening methods of Herbal drugs

  
PROGRAM COORDINATOR



PRINCIPAL



**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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SULLURPET, TIRUPATI Dt. A.P - 524121



*A two week add-on program  
on*

**“Abridgement of Herbal  
Drug Development  
and Standardization”**

**Resource Person:**

**Dr.P.Kishor**

Professor,

Dept of Pharmacognosy,

**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 9951850662

Mail id: kishorpharmacog@gmail.com

**Coordinator:**

**Mrs.N.Sukanya**

Asso.Professor

**Registration Details**

*No Registration Fee*

*Last Date for Registration :*

*On or before: 09-03-2023*

**Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

**Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

**Organizing Committee**

**Mr.P.Sivakumar**

Asso.Professor

**Mrs.D.Kalyani**

Asso. Professor

**Ms.A.R.Sridevi**

Asso. Professor

**Mr M.R.Pavan kumar**

Asso. Professor

**Mr.N.Praveenkumar**

Asst. Professor

*A two week add-on program  
on*

**“Abridgement of Herbal  
Drug Development and Standardization”**

**14-03-2023 to 31-03-2023**

Organized by

*Navay*

**Dr. BALAGANI PAVAN KUMAR**  
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PROFESSOR & PRINCIPAL  
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**GOKULA KRISHNA  
COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH – 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## ABOUT ADD-ON PROGRAM

Add-on courses are designed to equip the students to face the emerging challenges in the job market and another way to gain more knowledge on subjects.

Graduates who have completed add-on courses may be able to command higher salaries than their peers who have not completed additional training. This is because employers recognize the value of specialized expertise and are willing to pay a premium for it.

Standardization of herbal drug refers to "confirmation of its identity and determination of its quality, purity and detection of nature of adulterant by various parameters like morphological, microscopical, physical, chemical and biological observations." The quality control standards of various medicinal plants, used in indigenous system of medicine, are significant nowadays in view of commercialization of formulations based on medicinal plants.

## OBJECTIVE OF THE PROGRAM:

- Understand the coordination between the quality of raw materials, in process materials and the final products.
- Develop reliable, specific and sensitive quality control methods using a combination of classical and modern instrumental method of analysis.

## OUTCOME OF THE PROGRAM:

- Stand with a profound knowledge of the important herbs found in India a widely used in Ayurvedic formulation.
- Load with the knowledge of converting botanical materials into medicines.

**Gold Medal 2014-15**



*Navay*

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**A.Y: 2022-23**

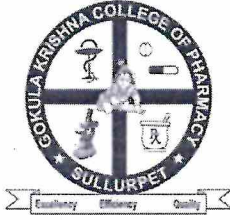
## LIST OF ENROLLED STUDENTS

**Name of the Program :** A Two-week add-on program on "Abridgment of Herbal Drug Development & Standardization"

**Date of the Program :** Two Weeks (14.03.2023 to 31.03.2023)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	20Z71R0001	ABHINAYA THALARI	III/II	B. Pharm	T. Abhinaya
2	20Z71R0002	AKSHITHA BINKANA	III/II	B. Pharm	B. Akshitha
3	20Z71R0004	AMRUTHA RAJU PUJARI	III/II	B. Pharm	A. Amrutha Raju
4	20Z71R0005	ANIL KUMAR UTCHURU	III/II	B. Pharm	U. Anil Kumar
5	20Z71R0006	ANIL MODDU	III/II	B. Pharm	M. ANIL
6	20Z71R0007	ANILA YANAMALA	III/II	B. Pharm	Y. Anila
7	20Z71R0026	GOURI MUNTALA	III/II	B. Pharm	M. Gouri
8	20Z71R0027	GOWTHAMI DERANGULA	III/II	B. Pharm	G. Gowthami
9	20Z71R0028	GURAVAMMA CHIYYARAPU	III/II	B. Pharm	Ch. Guravamma
10	20Z71R0040	KEERTHI PAGALA	III/II	B. Pharm	P. Keerthi
11	20Z71R0043	LAVANYA ONTELA	III/II	B. Pharm	O. Lavanya
12	20Z71R0044	LIZIYABHANU SYED	III/II	B. Pharm	Sd. Liziyabhanu
13	20Z71R0046	MADHULATHA KALASAPAKAM	III/II	B. Pharm	K. Madhulatha
14	20Z71R0047	MAHAMMAD SADHIK SHAIK	III/II	B. Pharm	S. K. Sadhik





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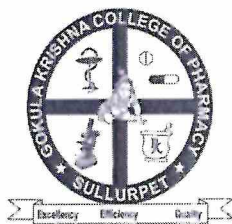
website: www.gkcp.edu.in

15	20Z71R0048	MAHAMMAD SIDDIK SHAIK	III/II	B. Pharm	Sk. Siddik
16	20Z71R0052	MUNAVAR SHAIK	III/II	B. Pharm	Sk. Munava
17	20Z71R0053	MUNI ROHITHA KANDUKURU	III/II	B. Pharm	Muni Rohitha.k
18	20Z71R0054	NEERAJA THONDU	III/II	B. Pharm	T. Neeraja
19	20Z71R0055	NISHITHA KANTEPALLI	III/II	B. Pharm	K. Nishitha
20	20Z71R0063	PONNARASU S	III/II	B. Pharm	S. Ponnarasu
21	20Z71R0064	POOJA CHITTETI	III/II	B. Pharm	ch.pooja
22	20Z71R0065	POOJA NALLIBOYANA	III/II	B. Pharm	N. pooja
23	20Z71R0066	POOJITHA KOGILA	III/II	B. Pharm	K. poojitha
24	20Z71R0068	PRUDHVIRAJ B	III/II	B. Pharm	B. Prudhviraaj
25	20Z71R0069	RAGHUL M	III/II	B. Pharm	M. Raghu
26	20Z71R0070	RAJAKISHORE BANEPALLI	III/II	B. Pharm	B. Raja Kishore
27	20Z71R0071	RAMYA D	III/II	B. Pharm	D. Ramya
28	20Z71R0072	RAMYA SREE VEERIBOYINA	III/II	B. Pharm	V. Ramya sree
29	20Z71R0074	SAI POORNIMA PATHRALAPATI	III/II	B. Pharm	P. sai poornima

  
PROGRAM COORDINATOR



  
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Dr. BALAGANI PAVAN KUMAR  
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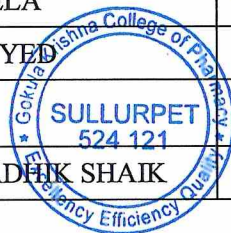
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A.Y: 2022-23

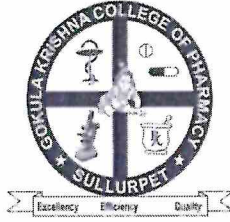
**A Two-week add-on program on " Abridgment of Herbal Drug Development & Standardization"**

## DAY WISE ATTENDANCE SHEET

S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			14/3	15/3	16/3	17/3	18/3	20/3	21/3	22/3	23/3	24/3	25/3	27/3	28/3	29/3	
1	20Z71R0001	ABHINAYA THALARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	20Z71R0002	AKSHITHA BINKANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	20Z71R0004	AMRUTHA RAJU PUJARI	P	P	A	P	P	P	P	P	P	P	P	P	P	P	13
4	20Z71R0005	ANIL KUMAR UTCHURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
5	20Z71R0006	ANIL MODDU	P	P	P	P	P	P	P	P	P	P	A	P	P	P	13
6	20Z71R0007	ANILA YANAMALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
7	20Z71R0026	GOURI MUNTALA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	13
8	20Z71R0027	GOWTHAMI DERANGULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	20Z71R0028	GURAVAMMA CHIYYARAPU	P	P	P	P	P	P	P	P	A	P	P	P	P	P	13
10	20Z71R0040	KEERTHI PAGALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	20Z71R0043	LAVANYA ONTELA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
12	20Z71R0044	LIZIYABHANU SYED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
13	20Z71R0046	MADHULATHA KALASAPAKAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
14	20Z71R0047	MAHAMMAD SADIK SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14



*Narayana*  
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 Page 1 of 2



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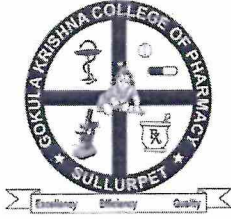
15	20Z71R0048	MAHAMMAD SIDDIK SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
16	20Z71R0052	MUNAVAR SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	20Z71R0053	MUNI ROHITHA KANDUKURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	20Z71R0054	NEERAJA THONDU	P	P	P	P	P	P	P	P	P	P	A	P	P	P	13
19	20Z71R0055	NISHITHA KANTEPALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
20	20Z71R0063	PONNARASU S	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
21	20Z71R0064	POOJA CHITTETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	20Z71R0065	POOJA NALLIBOYANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
23	20Z71R0066	POOJITHA KOGILA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	20Z71R0068	PRUDHVIRAJ B	P	P	P	P	A	P	P	P	P	P	P	P	P	P	13
25	20Z71R0069	RAGHUL M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
26	20Z71R0070	RAJAKISHORE BANEPALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
27	20Z71R0071	RAMYA D	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
28	20Z71R0072	RAMYA SREE VEERIBOYINA	P	P	P	P	P	P	P	P	P	P	P	P	A	P	13
29	20Z71R0074	SAI POORNIMA PATHRALAPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱ ✱

*N. Sankar*  
PROGRAM COORDINATOR



*Navay*  
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**Date: 01-04-2023**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week add-on program on " Abridgment of Herbal Drug Development & Standardization"
- Date of the Program** : 14-03-2023 to 31-03-2023
- Details of the Resource Person** : **Dr.P.Kishor**  
Professor, Dept. of Pharmacognosy,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist. A.P.  
Contact number: +91 9951850662  
Mail id: kishorpharmacog@gmail.com
- Objectives of the Program** : Towards acquirement of this course students should able to
- Understand the coordination between the quality of raw materials, in process materials and the final products.
  - Develop reliable, specific and sensitive quality control methods using a combination of classical and modern instrumental method of analysis.
- Topics covered** : Step down of Herbal drug development
- Standardization and evaluation:
    - Authentication procedure
    - Stability parameters
  - Guidelines for Herbal drug standardization
  - Monograph titles
  - Standardization of herbal drug
  - Evaluation of herbal products



*Balagan*

**Dr. BALAGANI PAVAN KUMAR**  
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## Outcome of the Program

: On successful completion of this program, a student will be expected to be able to

- Stand with a profound knowledge of the important herbs found in India a widely used in Ayurvedic formulation.
- Load with the knowledge of converting botanical materials into medicines.

## Number of Participants

: 29

*N. Sankar*  
PROGRAM COORDINATOR



*Narayana*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm. Ph.D. FIC. FBSS. FAGE. FICCP. MISTE  
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.....RAMYA.D......

has participated in A Two Week Certificate Program on

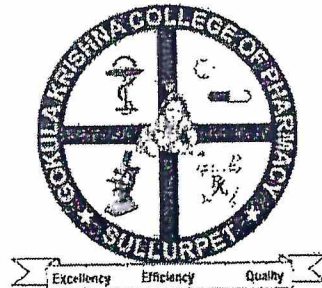
" **Abridgement of Herbal Drug Development and Standardization** "

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 14<sup>th</sup> to 31<sup>st</sup> March 2023.



*M. Sanku*  
CO-ORDINATOR



*Navay*  
PRINCIPAL

*Navay*  
**Dr. BALAGANI PAVAN KUMAR**  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Dr./Mr./Ms./Mrs:

.....LAVANYA ONTELA.....

has participated in A Two Week Certificate Program on

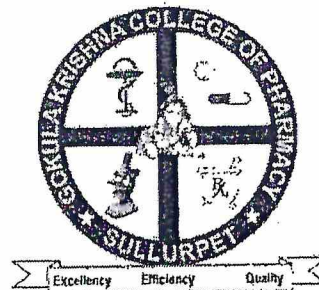
" Abridgement of Herbal Drug Development and Standardization "

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 14<sup>th</sup> to 31<sup>st</sup> March 2023.



*M. Sankar*  
CO-ORDINATOR



*Lavanya*  
PRINCIPAL

*Lavanya*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121



# GOKULA KRISHNA COLLEGE OF PHARMACY

Approved by PCI-New Delhi, Government of AP and Affiliated to JNTUA

An ISO 9001:2015 Certified Institution

Behind RTC Depot, Sullurupeta, Tirupati Dist, A.P, INDIA - 524121

Mobile : 9948990116

E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

27-01-2023

## CIRCULAR

All the students are hereby informed that the department of pharmaceutical chemistry will be organizing A Two-week **add-on program** on "**Epitomize of Molecular Docking**" from **07.02.2023** to **24.02.2023**. Hence, all the students can register their names with the coordinator on or before **04-02-2023**.

**Coordinator: Mrs. N.Sukanya, Asso.Professor, Department of Pharmaceutics.**

**PRINCIPAL**

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121

### Copy to

1. Coordinator – IQAC
2. Program Coordinator
3. Circulation to B.Pharmacy students
4. All teaching faculty
5. Accounts office for information
6. Admin office for information
7. Office file





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website: www.gkcp.edu.in

A.Y: 2022-23

## Course Schedule

**Course Name :** A Two-week add-on program on "Epitomize of Molecular Docking "

**Course Duration:** Two weeks (07.02.2023to 24.02.2023)

S.No	Session Date	Topics to be Covered
1	07-02-2023	Introduction of molecular docking with its scope in pharmacy
2	08-02-2023	About ligands and receptors.
3	09-02-2023	Preparation of ligand and protein
4	10-02-2023	Various types of molecular docking
5	13-02-2023	Traditional drug design
6	14-02-2023	De novo drug design
7	15-02-2023	Ligand based drug design
8	16-02-2023	Structure based drug design
9	17-02-2023	Search algorithm
10	20-02-2023	Scoring function
11	21-02-2023	Theories in molecular docking
12	22-02-2023	Approaches in molecular docking
13	23-02-2023	Docking assessment
14	24-02-2023	Applications of molecular docking

  
PROGRAM COORDINATOR

  
PRINCIPAL



**Dr. BALAGANI PAVAN KUMAR**  
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SULLURPET, TIRUPATI Dt. A.P - 524121

*A two week add-on program  
on*

## **"Epitomize of Molecular Docking"**

### **Resource Person:**

**Dr. M .Sowjanya**

Professor,

Dept of Pharmaceutical Chemistry,  
**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 9494795974

Mail id: soujipharma@gmail.com

### **Coordinator:**

**Mrs.N.Sukanya**

Asso.Professor

## **Registration Details**

*No Registration Fee*

*Last Date for Registration :*

*On or before: 04-02-2023*

## **Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

## **Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

## **Organizing Committee**

**Mrs.P.K.DeviBala**

Asso.Professor

**Mrs.B.Swathi**

Asst. Professor

**Mr.S.Buggareddy**

Asst. Professor

**Mr.S.Sivakoteswararao**

Asst. Professor

**Mr.Y.Naveenkumar**

Asst. Professor

*A two week add-on program  
on*

## *"Epitomize of Molecular Docking"*

**07.02.2023 to 24.02.2023**

Organized by

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D. FIC. FBSS FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121



# **GOKULA KRISHNA COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH - 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## ABOUT ADD-ON PROGRAM

Add-on courses are designed to equip the students to face the emerging challenges in the job market and another way to gain more knowledge on subjects.

Graduates who have completed add-on courses may be able to command higher salaries than their peers who have not completed additional training. This is because employers recognize the value of specialized expertise and are willing to pay a premium for it.

Molecular docking is a key tool in structural molecular biology and computer-assisted drug design. The goal of ligand-protein docking is to predict the predominant binding mode(s) of a ligand with a protein of known three-dimensional structure. It helps in identifying potential drug candidates by predicting the binding affinity of small molecules to a protein or receptor of interest. Docking can be used to screen a large database of small molecules to identify those that can bind to a protein of interest with high affinity. Molecular Docking enables the identification of novel compounds of therapeutic interest, predicting ligand-target interactions at a molecular level, or delineating structure-activity relationships (SAR), without knowing a priori the chemical structure of other target modulators.

## OBJECTIVE OF THE PROGRAM:

- Realize that the studies significantly take part in novel drug development by rapid virtual screening of existing drug databases and in the discovery of new drugs.
- Understand an array of valuable tools for drug design and analysis

## OUTCOME OF THE PROGRAM:

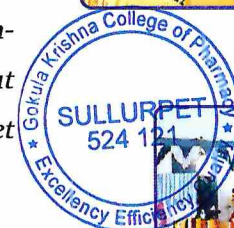
- Predict the ligands activity towards a target to perform structure-based drug design (SBDD).
- Assists the revealing of novel compound of therapeutic interest, forecasting ligand-protein interaction at a molecular basis and delineating structure activity relationships (SARs).
- Work independently and become a medicinal chemist.

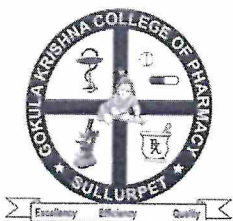
*Navay*

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D. FIC FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL

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Gold Medal 2014-15





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Mobile : 9948990116

E-Mail : gkcp@rediffmail.com

website: www.gkcp.edu.in

**A.Y: 2022-23**

## **LIST OF ENROLLED STUDENTS**

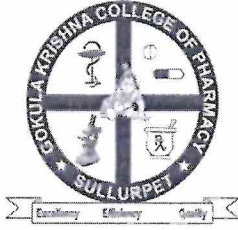
**Name of the Program :** A Two-week add-on program on “Epitomize of Molecular Docking”

**Date of the Program :** Two Weeks (07.02.2023 to 24.02.2023)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	19Z71R0001	AATHISAMY THAMBIDURAI	IV/II	B. Pharm	T. Aathisamy
2	19Z71R0003	ALISHA SHAIK	IV/II	B. Pharm	Sk. Alisha.
3	19Z71R0004	AYESHA SIDDIQUA SYED	IV/II	B. Pharm	Ayesha
4	19Z71R0005	BHANU PRAKASH VELAGAMBETI	IV/II	B. Pharm	V. Bhanu Prakash
5	19Z71R0006	BHANU PRAKASH KADAPA	IV/II	B. Pharm	K. Bhanu Prakash
6	19Z71R0007	BHAVANI.P	IV/II	B. Pharm	Bhavani P.
7	19Z71R0008	BHUVANESWARI RAYAPU	IV/II	B. Pharm	R. Bhuvaneshwari
8	19Z71R0010	DAKSHAYANI NAGALAPURAM	IV/II	B. Pharm	N. Dakshayani
9	19Z71R0020	GNANAPRASUNA NAGAMALLI	IV/II	B. Pharm	N. Gnanaprasuna
10	19Z71R0022	GUNASRI YEDURURI	IV/II	B. Pharm	Y. Gunasri
11	19Z71R0025	HARIBABU PASALA	IV/II	B. Pharm	P. Hari Babu
12	19Z71R0026	HEMANTH KUMAR THUTAKULA	IV/II	B. Pharm	T. Hemant
13	19Z71R0027	JASWANTH VELUGU	IV/II	B. Pharm	V. Jaswanth
14	19Z71R0028	JAYASHREE SULLURU	IV/II	B. Pharm	S. Jayashree



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E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

15	19Z71R0029	JAYASURYA KOPPALA	IV/II	B. Pharm	K. Jayasurya
16	19Z71R0031	KARISHMA PASALA	IV/II	B. Pharm	P. Karishma
17	19Z71R0042	MOHAN MOULI MAILAPURI	IV/II	B. Pharm	M. Mohan Mouli
18	19Z71R0043	MOHAN KRISHNA PAKALA	IV/II	B. Pharm	P. Mohan Krishna
19	19Z71R0044	MOHAN CHANDRA TEJA KOGILA	IV/II	B. Pharm	K. Mohan Chandra
20	19Z71R0045	MUNIPRATHAP GUNAPATI	IV/II	B. Pharm	G. Muniprathap
21	19Z71R0046	NEELIMA BANDILI	IV/II	B. Pharm	B. Neelima
22	19Z71R0047	PAVAN KUMAR CHENNAPPAGARI	IV/II	B. Pharm	C. Pavan Kumar
23	19Z71R0048	PAVAN MUMMADI	IV/II	B. Pharm	M. Pavan
24	19Z71R0049	PAVANI CHITTIBOYINA	IV/II	B. Pharm	CH - Pavani
25	19Z71R0088	WASEEM SHAIK	IV/II	B. Pharm	S.K. Waseem
26	19Z71R0089	YAMUNA GOGULA	IV/II	B. Pharm	G. Yamuna
27	19Z71R0090	YUVASREE KOMMINENI	IV/II	B. Pharm	K. Yuvaree
28	19DK1R0036	NAGULURU PAVITRA	IV/II	B. Pharm	N. Pavitra

*N. Sankar*  
PROGRAM COORDINATOR



*Ravay*

PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D. FIC, FBS, FAGE, FICCP, MISTE  
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A.Y: 2022-23

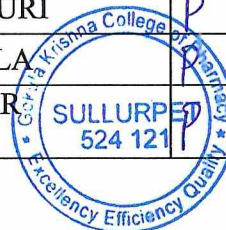
## A Two-week add-on program on "Epitomize of Molecular Docking"

### DAY WISE ATTENDANCE SHEET

S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			7/2	8/2	9/2	10/2	13/2	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/2	24/2	
1	19Z71R0001	AATHISAMY THAMBIDURAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	19Z71R0003	ALISHA SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	19Z71R0004	AYESHA SIDDIQUA SYED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	19Z71R0005	BHANU PRAKASH VELAGAMBETI	P	P	P	P	P	P	A	P	P	P	P	P	P	P	13
5	19Z71R0006	BHANU PRAKASH KADAPA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	13
6	19Z71R0007	BHAVANI.P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
7	19Z71R0008	BHUVANESWARI RAYAPU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
8	19Z71R0010	DAKSHAYANI NAGALAPURAM	P	P	P	P	P	P	P	P	P	P	P	A	P	P	13
9	19Z71R0020	GNANAPRASUNA NAGAMALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
10	19Z71R0022	GUNASRI YEDURURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	19Z71R0025	HARIBABU PASALA	P	P	P	P	P	P	P	A	P	P	P	P	P	P	13
	19Z71R0026	HEMANTH KUMAR THUTAKULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*Navay*

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D. FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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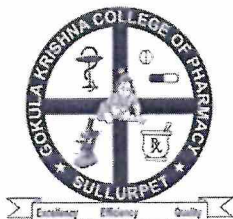
website: www.gkcp.edu.in

13	19Z71R0027	JASWANTH VELUGU	P	P	P	P	P	P	P	P	P	P	P	A	P	P	13
14	19Z71R0028	JAYASHREE SULLURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
15	19Z71R0029	JAYASURYA KOPPALA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	13
16	19Z71R0031	KARISHMA PASALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	19Z71R0042	MOHAN MOULI MAILAPURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	19Z71R0043	MOHAN KRISHNA PAKALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
19	19Z71R0044	MOHAN CHANDRA TEJA KOGILA	P	P	P	P	P	P	A	P	P	P	P	P	P	P	13
20	19Z71R0045	MUNIPRATHAP GUNAPATI	A	P	P	P	P	P	P	P	P	P	P	P	P	P	13
21	19Z71R0046	NEELIMA BANDILI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	19Z71R0047	PAVAN KUMAR CHENNAPPAGARI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	13
23	19Z71R0048	PAVAN MUMMADI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	19Z71R0049	PAVANI CHITTIBOYINA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
25	19Z71R0088	WASEEM SHAIK	P	P	P	P	P	P	P	A	P	P	P	P	P	P	13
26	19Z71R0089	YAMUNA GOGULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
27	19Z71R0090	YUVASREE KOMMENI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
28	19DK1R0036	NAGULURU PAVITRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*N. Sufanya*  
PROGRAM COORDINATOR



*Dr. Balagani Pavan Kumar*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph D. FICP, FIP, MISTE  
PRINCIPAL  
PROFESSOR & PRINCIPAL  
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website: www.gkcp.edu.in

**Date: 25-02-2023**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week add-on program on "Epitomize of Molecular Docking"
- Date of the Program** : 07.02.2023 to 24.02.2023
- Details of the Resource Person** : **Dr. M .Sowjanya**  
Professor, Dept. of pharmaceutical chemistry,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist. A.P.  
Contact number: +91 9494795974  
Mail id:soujipharma@gmail.com
- Objectives of the Program** : Towards accomplishment of this course, students should able to
- Understand the structural interactions of two or more chemical molecules and its critical role in rational of structure-based drug design.
  - Realize that the studies significantly take part in novel drug development by rapid virtual screening of existing drug databases and in the discovery of new drugs.
  - Understand an array of valuable tools for drug design and analysis.
- Topics covered** : Rundown of molecular docking with its
- Basics
  - Types
  - Theories
  - Approaches



**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph D, FIC, FBSS, FAGE, FICCP, MISTE  
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- Mechanisms
- Applications in pharmacy

**Outcome of the Program** : On triumphant completion of this program, a student will be expected to be able to

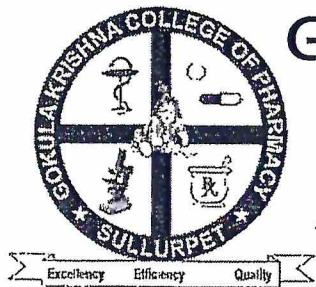
- Aids in the investigation, interpretation, explanation, and discovery of molecular features through the use of ligand protein three-dimensional structures.
- Predict the ligands activity towards a target to perform structure-based drug design (SBDD).
- Assists the revealing of novel compound of therapeutic interest, forecasting ligand-protein interaction at a molecular basis and delineating structure activity relationships (SARs).
- Work independently and become a medicinal chemist.

**Number of Participants** : 28

*N. Sankar*  
PROGRAM COORDINATOR

*Navay*  
**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FISS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs.

.....ALISHA SHAIK.....

has participated in A Two Week Certificate Program on

**"Epitomize of Molecular Docking"**

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 7<sup>th</sup> to 24<sup>th</sup> February 2023.

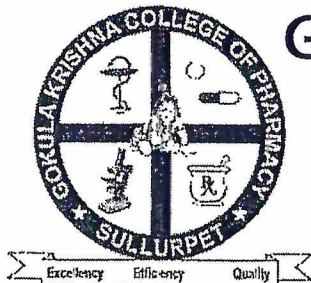


CO-ORDINATOR

Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph.D FICP MISTE  
PROFESSOR & PRINCIPAL

PRINCIPAL

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs.

.....GUNIASRI YEDURURI.....


has participated in A Two Week Certificate Program on

**"Epitomize of Molecular Docking"**

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 7<sup>th</sup> to 24<sup>th</sup> February 2023.

  
CO-ORDINATOR

  
**Dr. BALAGANIDHAN KUMAR**  
M. Pharm, Ph.D., FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI DISTRICT, A.P. - 524121

  
PRINCIPAL



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website: www.gkcp.edu.in

01-10-2022

## CIRCULAR

All the students are hereby informed that the department of pharmaceuticals will be organizing A Two-week **add-on program** on "Summing-up of GMP & cGMP" from **11.10.2022 to 27.10.2022**. Hence, all the students can register their names with the coordinator on or before **28-09-2022**.

**Coordinator: Miss. A.R.Sridevi**, Asso.Professor, Department of Pharmacology.



PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
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### Copy to

1. Coordinator – IQAC
2. Program Coordinator
3. Circulation to B.Pharmacy students
4. All teaching faculty
5. Accounts office for information
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# GOKULA KRISHNA COLLEGE OF PHARMACY

Approved by PCI-New Delhi, Government of AP & Affiliated to JNTUA

An ISO 9001:2015 Certified Institution

Behind RTC Depot, Sullurupeta, Tirupati Dist, A.P, INDIA - 524121

Mobile : 9948990116

E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

A.Y: 2022-23

## Course Schedule

**Course Name :** A Two-week add-on program on "Summing-up of GMP & cGMP"

**Course Duration:** Two weeks (11.10.2022 to 27.10.2022)

S.No	Session Date	Topics to be Covered
1	11-10-2022	Introduction of GMP and cGMP
2	12-10-2022	Good manufacturing practice for Medicinal products
3	13-10-2022	Quality assurance
4	14-10-2022	Quality management
5	15-10-2022	Quality control, sanitation and hygiene
6	17-10-2022	Qualification and validation
7	18-10-2022	Complaints and product recall
8	19-10-2022	Contract production and analysis
9	20-10-2022	Personal training and personal hygiene
10	21-10-2022	Self- inspection, personal audits and supplier audits and approval
11	22-10-2022	Materials
12	25-10-2022	Premises
13	26-10-2022	Equipments
14	27-10-2022	Documentation

  
PROGRAM COORDINATOR



  
PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121



*A two week add-on program  
on*

**"Summing up of GMP & cGMP"**

**Resource Person:**

**Mrs. P.Kavitha**

Asso Professor,

Dept of Pharmaceutics,

**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 9951850662

Mail id: kavithapharma147@gmail.com

**Coordinator:**

**Miss.A.R.Sridevi**

Asst.Professor

**Registration Details**

*No Registration Fee*

**Last Date for Registration :**

**On or before: 28-09-2022**

**Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

**Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

**Organizing Committee**

**Mrs.P.K.DeviBala**

Asso.Professor

**Mr.P.Sivakumar**

Asso. Professor

**Mr.C.G.Bhaskar**

Asst. Professor

**Mr.M.R.Pavankumar**

Asst. Professor

**Ms.C.B.Hanisha**

Asst. Professor

*A two week add-on program  
on*

**"Summing up of GMP & cGMP"**

**11.10.2022 to 27.10.2022.**

Organized by

*Narayana*

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
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**GOKULA KRISHNA  
COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH – 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## ABOUT ADD-ON PROGRAM

Add-on courses are designed to equip the students to face the emerging challenges in the job market and another way to gain more knowledge on subjects.

Graduates who have completed add-on courses may be able to command higher salaries than their peers who have not completed additional training. This is because employers recognize the value of specialized expertise and are willing to pay a premium for it.

GMP stands for Good Manufacturing Practices, and refers to a set of guidelines created by the Food and Drug Administration. The pharmaceutical industry has put these practices into place to ensure that all products are safe, pure, and high quality. cGMP regulations always refer to the newest technologies available at the time of production. The major difference is that cGMP is focused on continuous improvement and means the most up-to-date standards and technologies are being employed to assure quality, whereas GMP are considered a set of principles that help manufacturers develop processes to ensure quality.

## OBJECTIVE OF THE PROGRAM:

- Understand the requirements in order to conform to the guidelines recommended by agencies that control the authorization and licensing of the manufacturing and sale of pharmaceutical products.
- Learn a set of regulations for manufacturers, processors, and packagers of drugs and to ensure the safety, purity, and effectiveness of drug products.

## OUTCOME OF THE PROGRAM:

- Establishes the foundation for drug product quality.
- Packed with professional workforce who is essential to meet the dual goals of business requirements and regulatory expectations.

Gold Medal 2014-15



Dr. BALAGANI PAVAN KUMAR  
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PROFESSOR & PRINCIPAL  
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website: www.gkcp.edu.in

A.Y: 2022-23

## LIST OF ENROLLED STUDENTS

Name of the Program : A Two-week add-on program on "Summing-up of GMP & cGMP"

Date of the Program : Two Weeks (11.10.2022 to 27.10.2022)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	19Z71R0011	DEEPIKA GURRAM	IV/I	B. Pharm	G. Deepika
2	19Z71R0012	DEEPTHI CHEEKOLU	IV/I	B. Pharm	ch. Deepthi
3	19Z71R0013	DILLI PRIYA VEMASANI	IV/I	B. Pharm	V. Dilli Priya
4	19Z71R0014	DINESH A	IV/I	B. Pharm	A. Dinesh
5	19Z71R0015	DIVYA ELLAPU	IV/I	B. Pharm	E. Divya
6	19Z71R0017	DIVYA POTTIPALI	IV/I	B. Pharm	P. Divya
7	19Z71R0018	GANESH GANDHAM	IV/I	B. Pharm	G. Ganesh
8	19Z71R0019	GAYATHRI KALISSETTY	IV/I	B. Pharm	K. Gayathri
9	19Z71R0033	KEERTHI UYYALA	IV/I	B. Pharm	U. Keerthi
10	19Z71R0034	KOTAMMA EGA	IV/I	B. Pharm	E. Kotamma
11	19Z71R0035	LAKSHMI PRASANNA CHENNURU	IV/I	B. Pharm	C. Lakshmi Prasanna
12	19Z71R0036	LAKSHMI PRIYA YADDALA	IV/I	B. Pharm	Y. Lakshmi Priya
13	19Z71R0037	LOKESH GOGULA	IV/I	B. Pharm	G. Lokesh
14	19Z71R0038	LOKESH NANDRAMBAKAM	IV/I	B. Pharm	N. Lokesh





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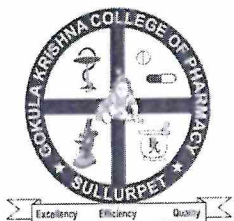
website: www.gkcp.edu.in

15	19Z71R0039	MALIHA THABASUM SHAIK	IV/I	B. Pharm	S.k. Malika Thabassum
16	19Z71R0041	MEERJAMMA PATAN	IV/I	B. Pharm	P. Meeramma
17	19Z71R0061	SANJAY R	IV/I	B. Pharm	Sanjay R
18	19Z71R0062	SARASWATHI KALLIVETTU	IV/I	B. Pharm	K. Saraswathi
19	19Z71R0064	SATHWIKA PERNATI	IV/I	B. Pharm	P. Sathwika
20	19Z71R0065	SEKHAR KOGILI	IV/I	B. Pharm	K. Sekhar
21	19Z71R0066	SHALINI PATTUKOTA	IV/I	B. Pharm	P. Shalini
22	19Z71R0067	SHAREEF SHAIK	IV/I	B. Pharm	Shf. Shaik
23	19Z71R0069	SNEHA NALLAREDDY	IV/I	B. Pharm	N. Sneha
24	19Z71R0070	SONIKA KATTLAM	IV/I	B. Pharm	K. Sonika
25	19Z71R0071	SRAVANI PULLA	IV/I	B. Pharm	P. Sravani
26	19Z71R0073	SRIKANTH PILLI METLA	IV/I	B. Pharm	P. Srikanth
27	19Z71R0074	SUKUMAR PARAMALA	IV/I	B. Pharm	P. Sukumar
28	19Z71R0075	SUPRIYA KAMATHAM	IV/I	B. Pharm	K. Supriya
29	19Z71R0076	SUSMITHA BUDANAMGUNTA	IV/I	B. Pharm	K. Susmitha
30	19Z71R0083	VAMSI YELLANTI	IV/I	B. Pharm	Y. Vamsi

*A.R. Raj*  
PROGRAM COORDINATOR



*Kavay*  
PRINCIPAL  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph.D. FIC, FBSS, FAGE, FICCP, MISTE  
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**A.Y: 2022-23**

**A Two-week add-on program on "Summing-up of GMP & cGMP"**

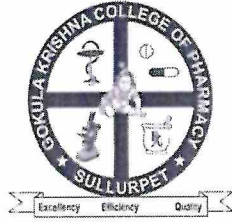
## DAY WISE ATTENDANCE SHEET

S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			11/10	12/10	13/10	14/10	15/10	17/10	18/10	19/10	20/10	21/10	22/10	23/10	24/10	25/10	
1	19Z71R0011	DEEPIKA GURRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	19Z71R0012	DEEPTHI CHEEKOLU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	19Z71R0013	DILLI PRIYA VEMASANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	19Z71R0014	DINESH A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
5	19Z71R0015	DIVYA ELLAPU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	19Z71R0017	DIVYA POTTIPALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
7	19Z71R0018	GANESH GANDHAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
8	19Z71R0019	GAYATHRI KALISSETTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	19Z71R0033	KEERTHI UYYALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
10	19Z71R0034	KOTAMMA EGA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	19Z71R0035	LAKSHMI PRASANNA CHENNURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
12	19Z71R0036	LAKSHMI PRIYA YADDALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
13	19Z71R0037	LOKESH GOGULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
14	19Z71R0038	LOKESH NANDRAMBAKAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
15	19Z71R0039	MALIHA THABASUM SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*Navay*

**Dr. BALAGANI PAVAN KUMAR**  
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website: www.gkcp.edu.in

16	19Z71R0041	MEERJAMMA PATAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	19Z71R0061	SANJAY R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	19Z71R0062	SARASWATHI KALLIVETTU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
19	19Z71R0064	SATHWIKA PERNATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
20	19Z71R0065	SEKHAR KOGILI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
21	19Z71R0066	SHALINI PATTUKOTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	19Z71R0067	SHAREEF SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
23	19Z71R0069	SNEHA NALLAREDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	19Z71R0070	SONIKA KATTLAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
25	19Z71R0071	SRAVANI PULLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
26	19Z71R0073	SRIKANTH PILLI METLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
27	19Z71R0074	SUKUMAR PARAMALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
28	19Z71R0075	SUPRIYA KAMATHAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
29	19Z71R0076	SUSMITHA BUDANAMGUNTA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
30	19Z71R0083	VAMSI YELLANTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj*

*A.R. Puj*  
PROGRAM COORDINATOR



*Navay*  
PRINCIPAL  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
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E-Mail : gkcpsp@rediffmail.com

website: www.gkcp.edu.in

**Date: 28.10.2022**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week add-on program on " Summing-up of GMP & cGMP"
- Date of the Program** : 11.10.2022 to 27.10.2022
- Details of the Resource Person** : **Mrs. P.Kavitha**  
Asso.Professor, Dept. of Pharmaceutics,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist. A.P  
Contact number: +91 9393835500  
Mail id: kavithapharma147@gmail.com
- Objectives of the Program** : Towards attainment of this course, students should able to
- Develop good production operational habits
  - Understand the process for new and generic drug marketing applications includes a review of the manufacturer's compliance with the cGMP
  - Understand the requirements in order to conform to the guidelines recommended by agencies that control the authorization and licensing of the manufacturing and sale of pharmaceutical products
  - Learn a set of regulations for manufacturers, processors, and packagers of drugs and to ensure the safety, purity, and effectiveness of drug products.



*Navay*  
**Dr. BALAGANI PAVAN KUMAR**  
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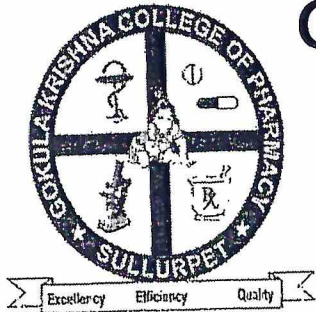
- Topics covered** : Rolling down of GMP & cGMP of medicinal products and
- SOP's and its implementation
  - Quality assurance
  - Quality control
  - Quality risk management
  - Documentation procedure
  - Validation
  - GMP audits
- Outcome of the Program** : On successful completion of this program, a student will be expected to be able to
- Build the highest standards of efficiency, quality and safety in any process involving the manufacture of pharmaceutical products.
  - Prevent incidences of product mix-ups, contamination, deviations, failures and errors which in turn assure that drug products meet the required quality standards.
  - Establishes the foundation for drug product quality.
  - Packed with professional workforce who is essential to meet the dual goals of business requirements and regulatory expectations.
- Number of Participants** : 30

  
PROGRAM COORDINATOR



  
**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBNS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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# GOKULA KRISHNA COLLEGE OF PHARMACY

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Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs.

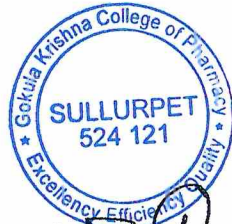
*Keerthi Vyyala*

has participated in A Two Week Certificate Program on

"Summing up of GMP & cGMP"

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 11<sup>th</sup> to 27<sup>th</sup> October 2022.



*A.K. Jay*

CO-ORDINATOR

*Navay*

**Dr. BALAGANI DAVAN KUMAR**  
M. Pharm, Ph D, FICP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI DIST. A.P - 524121

*Navay*

PRINCIPAL



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Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs.

*Lokesh Nandrambakkam*

has participated in A Two Week Certificate Program on

"Summing up of GMP & cGMP"

organized by Gokula Krishna College of Pharmacy, Sullurupeta, Andhra Pradesh, India

from 11<sup>th</sup> to 27<sup>th</sup> October 2022.



*A.K. Jay*  
CO-ORDINATOR

*Pavan*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm. Ph D FIC FBSS FAGE FICCP MISTE  
PROFESSOR & PRINCIPAL  
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*Pavan*  
PRINCIPAL



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05-09-2022

## CIRCULAR

All the students are hereby informed that the department of pharmaceuticals will be organizing A Two-week **add-on program** on "**Exhaustive View on Applications of Computers in Pharmacy**" from **15-09-2022** to **30-09-2022**. Hence, all the students can register their names with the coordinator on or before **12-09-2022**.

**Coordinator: Miss. A.R.Sridevi**, Asst.Professor, Department of Pharmacology.

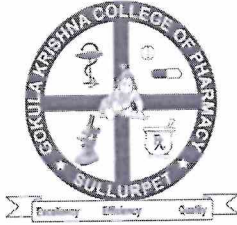
**PRINCIPAL**

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website: www.gkcp.edu.in

**A.Y: 2022-23**

## Course Schedule

**Course Name :** A Two-week add-on program on "Exhaustive View on Applications of Computers in Pharmacy"

**Course Duration:** Two weeks (15-09-2022 to 30-09-2022)

S.No	Session Date	Topics to be Covered
1	15-09-2022	Introduction and fundamentals of computers
2	16-09-2022	Computers in retail pharmacy
3	17-09-2022	Hospital and clinical pharmacy
4	19-09-2022	Types of information retrieval
5	20-09-2022	Electronic prescribing and discharge system
6	21-09-2022	Drug information storage system
7	22-09-2022	Teaching and training
8	23-09-2022	Drug information center
9	24-09-2022	Computer assisted drug design
10	26-09-2022	Applied bio pharmaceuticals
11	27-09-2022	Pharmaceutical analysis
12	28-09-2022	Pharmaceutical manufacturing industry
13	29-09-2022	Data mining knowledge
14	30-09-2022	About e-Health

*A.R. Duj*  
PROGRAM COORDINATOR



*Pavan*  
PRINCIPAL

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121

*A two week add-on program  
on*

**“Exhaustive view on  
Applications of  
Computers in Pharmacy”**

**Resource Person:**

**Dr. P.Kishor**

Professor,

Dept of Pharmacognosy

**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 9951850662

Mail id: kishorpharmacog@gmail.com

**Coordinator:**

**Miss.A.R.Sridevi**

Asst.Professor

**Registration Details**

*No Registration Fee*

**Last Date for Registration :**

**On or before: 12-09-2022**

**Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

**Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

**Organizing Committee**

**Mrs.P.K.DeviBala**  
Asso. Professor

**Ms.P.Kavitha**  
Asso.Professor

**Mrs.P. Madhavi**  
Asso. Professor

**Mrs.C.H.Harika**  
Asst. Professor

**Mrs.T.Swathi**  
Asst. Professor

*A two week add-on program  
on*

**“Exhaustive view on  
Applications of Computers in Pharmacy”**

**15-09-2022 to 30-09-2022**

Organized by



**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D. FIC FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
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**GOKULA KRISHNA  
COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH – 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## AIJUT ADD-ON PROGRAM

An Add-on course is a course that, one can learn along with the regular degree programs, which will mould the students with employable skills. These programmes enable the students to acquire a more holistic perspective and thus have better understanding of issues present-day industry challenges and also facilitate the students to gain and develop innovative and creative skills through a wide array of course offerings.

Pharmacists should have the necessary computer skills to help them remain productive at work. These include the ability to use the essential programs, such as email and Microsoft Office tools. Computers in pharmacy are used for the information of drug data, records and files, drug management (creating, modifying, adding and deleting data in patient files to generate reports), business details. In field of operation like new drug discovery, drug design analysis, and manufacturing of drugs and in hospital pharmacy computers are widely used. The drug discovery, designing, manufacturing and analysis have become virtually possible only through the development of upcoming various hard wares and soft wares.

## OBJECTIVE OF THE PROGRAM:

- Learn the various applications, software's and use of computers in pharmacy
- Understand the importance of computer science and technology in pharmacy field everywhere like pharmacy colleges, pharmaceutical industries, research centers, hospital pharmacy and many more.

## OUTCOME OF THE PROGRAM:

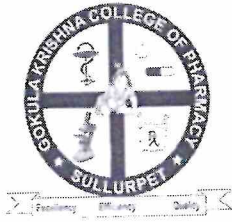
- Work effectively with a range of current, standard, office productivity software applications
- Improves employability skills.

Gold Medal 2014-15



*Navay*

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Mobile : 9948990116

E-Mail : gkcp@rediffmail.com

website: www.gkcp.edu.in

A.Y: 2022-23

## LIST OF ENROLLED STUDENTS

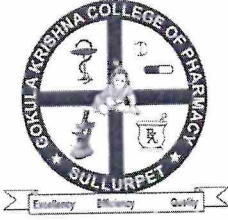
Name of the Program : A Two-week add-on program on "Exhaustive View on Applications of Computers in Pharmacy"

Date of the Program : Two Weeks (15-09-2022 to 30-09-2022)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	21Z71R0003	AKASH PAMALA	I/II	B. Pharm	A. Akash
2	21Z71R0005	ANKAIAH ANNAMETI	I/II	B. Pharm	A. Ankaiah
3	21Z71R0009	BOOMIKA M K	I/II	B. Pharm	M. Boomika
4	21Z71R0013	EDUKONDALU YENUMALA	I/II	B. Pharm	E. Edukonda
5	20Z71R0014	GANESH LEBAKU	I/II	B. Pharm	G. Ganesh
6	21Z71R0015	GEETHA THOLLETI	I/II	B. Pharm	T. Geetha
7	21Z71R0016	GOUTHAM BANDILI	I/II	B. Pharm	B. Gowtham
8	21Z71R0017	GOWTHAMI NAGALLA	I/II	B. Pharm	N. Gowthami
9	21Z71R0018	GURU PRASAD ARIGALA	I/II	B. Pharm	A. Guru prasad
10	21Z71R0019	HARSHITHA SANDRA	I/II	B. Pharm	S. Harshitha
11	21Z71R0020	JAHNAVI KODURU	I/II	B. Pharm	K. Jahnavi
12	21Z71R0021	JAYA DHARSHINI M	I/II	B. Pharm	M. Jayadharshini
13	21Z71R0022	JAYANTHI BATT	I/II	B. Pharm	B. Jayanthi
14	21Z71R0023	JOSHNAVI CHATTU	I/II	B. Pharm	Ch. Joshnavi



*Navay*  
**Dr. BALAGANI PAVAN KUMAR**  
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website: www.gkcp.edu.in

15	21Z71R0025	JUVEERIA TAJ SHAIK	I/II	B. Pharm	
16	21Z71R0026	KALAIVANI HANUMANTHU	I/II	B. Pharm	H. Kalivani
17	21Z71R0028	KAVYASREE PUTTARAJU GARI	I/II	B. Pharm	P. Kavyasree
18	21Z71R0030	KEERTHANA PULI	I/II	B. Pharm	P. Keerthana
19	21Z71R0033	KHAFINATAJ MAHAMMAD	I/II	B. Pharm	M. Khafinataj
20	21Z71R0037	KUMAR GUNJI	I/II	B. Pharm	G. Kumar
21	21Z71R0038	LAHARI MEGHANA KASARAM	I/II	B. Pharm	L. Meghana
22	21Z71R0040	LAKSHMI PARVATHI GONU	I/II	B. Pharm	G. Lakshmi Parvathi
23	21Z71R0041	LAVANKUMAR MAVUDURU	I/II	B. Pharm	M. Lavankumar
24	21Z71R0042	LIKHITHA GOLLAPALLI	I/II	B. Pharm	G. Likhitha
25	21Z71R0043	MADHULATHA GOJI	I/II	B. Pharm	G. Madhulatha
26	21Z71R0059	PAVITHRA CHITTIBOYINA	I/II	B. Pharm	C. Pavithra
27	21Z71R0060	POOJA SRI SAMMANA	I/II	B. Pharm	S. Poojasri
28	21Z71R0067	RASRITHA YERRAMAKA	I/II	B. Pharm	Y. Rasritha
29	21Z71R0075	SHAHID AHMED SHAIK	I/II	B. Pharm	S. Shahid
30	21Z71R0079	SONU VANKA	I/II	B. Pharm	V. Sonu

PROGRAM COORDINATOR

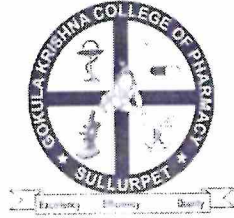
Page 2 of 2



PRINCIPAL

Dr. BALAGANI PAVAN KUMAR  
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A.Y: 2022-23

A Two-week add-on program on "Exhaustive view on Applications of Computers in Pharmacy"

## DAY WISE ATTENDANCE SHEET

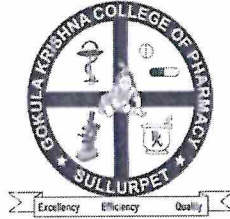
S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			15/9	16/9	17/9	19/9	20/9	21/9	22/9	23/9	24/9	26/9	27/9	28/9	29/9	30/9	
1	21Z71R0003	AKASH PAMALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	21Z71R0005	ANKAIAH ANNAMETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	21Z71R0009	BOOMIKA M K	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	21Z71R0013	EDUKONDALU YENUMALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
5	20Z71R0014	GANESH LEBAKU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	21Z71R0015	GEETHA THOLLETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
7	21Z71R0016	GOUTHAM BANDILI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
8	21Z71R0017	GOWTHAMI NAGALLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	21Z71R0018	GURU PRASAD ARIGALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
10	21Z71R0019	HARSHITHA SANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	21Z71R0020	JAHNAVI KODURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
12	21Z71R0021	JAYA DHARSHINI M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
13	21Z71R0022	JAYANTHI BATT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
14	21Z71R0023	JOSHNAVI CHATT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
15	21Z71R0025	JUVEERIA TAJ SHAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*Navay*

**Dr. BALAGANI PAVAN KUMAR**  
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PROFESSOR & PRINCIPAL

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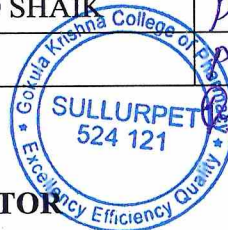
Mobile : 9948990116

E-Mail : gkcpsp@rediffmail.com

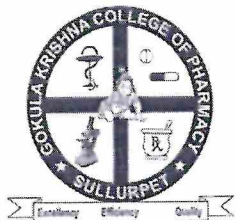
website: www.gkcp.edu.in

15	21Z71R0025	JUVEERIA TAJ SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
16	21Z71R0026	KALAIVANI HANUMANTHU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	21Z71R0028	KAVYASREE PUTTARAJU GARI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	21Z71R0030	KEERTHANA PULI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
19	21Z71R0033	KHAFINATAJ MAHAMMAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
20	21Z71R0037	KUMAR GUNJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
21	21Z71R0038	LAHARI MEGHANA KASARAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	21Z71R0040	LAKSHMI PARVATHI GONU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
23	21Z71R0041	LAVANKUMAR MAVUDURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	21Z71R0042	LIKHITHA GOLLAPALLI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
25	21Z71R0043	MADHULATHA GOJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
26	21Z71R0059	PAVITHRA CHITTIBOYINA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
27	21Z71R0060	POOJA SRI SAMMANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
28	21Z71R0067	RASRITHA YERRAMAKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
29	21Z71R0075	SHAHID AHMED SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
30	21Z71R0079	SONU VANKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

A.R. Dy  
PROGRAM COORDINATOR



Dr. BALAGANESHVARAN KUMAR  
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website: [www.gkcp.edu.in](http://www.gkcp.edu.in)

**Date: 01-10-2022**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week **add-on program** on "**Exhaustive View on Applications of Computers in Pharmacy**"
- Date of the Program** : 15-09-2022 to 30-09-2022
- Details of the Resource Person** : **Dr. P.Kishor**  
Professor, Dept. of Pharmacognosy,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist. A.P  
Contact number: +91 9951850662  
Mail id: kishorpharmacog@gmail.com
- Objectives of the Program** : Towards completion of the program of this course students would be able to
- Learn the various applications, software's and use of computers in pharmacy
  - Understand the importance of computer science and technology in pharmacy field everywhere like pharmacy colleges, pharmaceutical industries, research centers, hospital pharmacy and many more.
  - Learn how to operate various software's which are essential for the quality control analysis
- Topics covered** : Course was scrolled down out with
- Usage of computer in retail pharmacy
  - Computer aided designs of drugs
  - Use of computers in hospital pharmacy



  
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E-Mail : gkcpsp@rediffmail.com

website: [www.gkcp.edu.in](http://www.gkcp.edu.in)

- Computers in pharmaceutical formulations

## Outcome of the Program

: Upon successful execution of this program, a student will be expected to be able to

- Illustrate the applications, software and its use in pharmacy
- Load with computer operating skills
- Work effectively with a range of current, standard, office productivity software applications
- Improves employability skills.

## Number of Participants

: 30

*A.R. Duj*

PROGRAM COORDINATOR

*Naray*

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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Behind RTC Depot, Sullurupeta, Tirupati District, A.P - 524121

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./<sup>Y</sup>Ms./Mrs. .... *Boomika M. K* .....

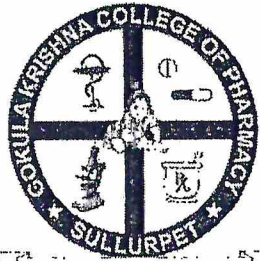
has participated in A Two Week Certificate Program on “Exhaustive view on Applications of Computers in Pharmacy” organized by Gokula Krishna College of Pharmacy,

Sullurupeta, Andhra Pradesh, India from 15<sup>th</sup> to 30<sup>th</sup> September 2022.

*A.R. D.*  
COORDINATOR

*Naray*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph D, FICCP, MISTE  
PROFESSOR & PRINCIPAL  
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SULLURPET, TIRUPATI DISTRICT, A.P - 524121

*Naray*  
PRINCIPAL



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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs. .... *Keerthana Puli* .....

has participated in A Two Week Certificate Program on “Exhaustive view on Applications of Computers in Pharmacy” organized by Gokula Krishna College of Pharmacy,

Sullurupeta, Andhra Pradesh, India from 15<sup>th</sup> to 30<sup>th</sup> September 2022.



*A.R. [Signature]*  
COORDINATOR

*[Signature]*  
Dr. BALAGANI PAVAN KUMAR  
M. Pharm, Ph.D, FIC, FBS, FAGE, FICCP, MISTE  
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*[Signature]*  
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website: www.gkcp.edu.in

16-07-2022

## CIRCULAR

All the students are hereby informed that the department of pharmaceutical analysis will be organizing A Two-week add-on program on "The instruments Involved in Pharmaceutical Analysis" from 26.07.2022 to 11.08.2022. Hence, all the students can register their names with the coordinator on or before 23-07-2022.

**Coordinator:** Miss. A.R.Sridevi, Asst.Professor, Department of Pharmacology.

**PRINCIPAL**

### Copy to

1. Coordinator – IQAC
2. Program Coordinator
3. Circulation to B.Pharmacy students
4. All teaching faculty
5. Accounts office for information
6. Admin office for information
7. Office file

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website: www.gkcp.edu.in

A.Y: 2022-23

## Course Schedule

**Course Name** : A Two-week add-on program on "The Instruments Involved in Pharmaceutical Analysis"

**Course Duration** : Two weeks (26-07-2022 to 11-08-2022)

S.No	Session Date	Topics to be Covered
1	26-07-2022	Introduction and types of analytical instruments in pharmaceuticals
2	27-07-2022	Titration : Acid base, Redox, Precipitation, Complexometric
3	28-07-2022	Melting point and boiling point
4	29-07-2022	USP Disintegration
5	30-07-2022	USP Dissolution tester 1, 2, 3,4
6	01-08-2022	USP Dissolution tester 5, 6, 7
7	02-08-2022	Chromatographic techniques introduction and classification
8	03-08-2022	Column chromatography, Planar chromatography
9	04-08-2022	Gas chromatography
10	05-08-2022	Liquid chromatography
11	06-08-2022	Ion exchange and Gel chromatography
12	08-08-2022	Spectroscopy introduction and UV visible spectroscopy
13	10-08-2022	IR spectroscopy
14	11-08-2022	X ray diffraction

PROGRAM COORDINATOR



PRINCIPAL

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*A two week add-on program  
on*

**"The Instruments Involved  
in Pharmaceutical Analysis"**

**Resource Person:**

**Mr. A.V.L.S.Ramakrishna**

Asst. Professor,

Dept of Pharmaceutical Analysis,

**Gokula Krishna College of Pharmacy,**

Sullurupeta, SPSR Nellore Dist. A.P

Contact number: +91 7382956756

Mail id: atchutapharma431@gmail.com

**Coordinator:**

**Miss.A.R.Sridevi**

Asst.Professor

**Registration Details**

*No Registration Fee*

*Last Date for Registration :*

*On or before: 23-07-2022*

**Chief Patrons:**

**Sri G. Brahmaiah  
Sri C. Srinivasa Baba  
Sri M.M.Kondaiah**

Honorable Members of  
Sri Krishna Educational Society

**Convenor:**

**Dr Balagani Pavan Kumar**

Professor & Principal  
Gokula Krishna College of Pharmacy

**Organizing Committee**

**Mrs.P.K.DeviBala**

Asso.Professor

**Mrs.B.Swathi**

Asst. Professor

**Mr.B.Nagendraprasad**

Asst. Professor

**Mr.M.KalyanBabu**

Asst. Professor

**Mrs.P.Sukanya**

Asst. Professor

*A two week add-on program  
on*

**"The Instruments Involved  
in Pharmaceutical Analysis"**

**26.07.2022 to 11.08.2022**

Organized by

*Raway*

**Dr. BALAGANI PAVAN KUMAR**  
M. Pharm, Ph.D, FIC, FBSS, FAGE, FICCP, MIST  
PROFESSOR & PRINCIPAL  
GOKULA KRISHNA COLLEGE OF PHARMACY  
SULLURPET, TIRUPATI Dt. A.P - 524121



**GOKULA KRISHNA  
COLLEGE OF PHARMACY**

**SULLURUPETA  
ANDHRA PRADESH – 524121**



## ABOUT COLLEGE

Gokula Krishna College of Pharmacy (GKCP) is established in the year 2007 which is sponsored by Sri Krishna Educational Society, Hyderabad. The institution was started with an idea of imparting pharmacy education in rural area, but now it has students from all over state. Though young, GKCP has made a significant impact in various areas of teaching and research, and continues to strive for excellence. The institute was approved by the Pharmacy Council of India (PCI), All India Council of Technical Education (AICTE) and State Govt. of Technical Education, AP. The institute has been offering four year's B.Pharmacy course (100), two year's M. Pharmacy course (Pharmaceutics-18 & Pharmacology-18) which is affiliated to JNTUA, Anantapuramu.

"Our mission is to educate students from all over the state even country including those from the local and rural areas so that they become enlightened individuals improving the living standards of their families, industry and society. We will provide individual attention world class quality of education and character building.



## ABOUT ADD-ON PROGRAM

An Add-on course is a course that one can learn along with the regular degree programs, which will mould the students with employable skills. These programmes enable the students to acquire a more holistic perspective and thus have better understanding of issues present-day industry challenges and also facilitate the students to gain and develop innovative and creative skills through a wide array of course offerings.

Pharmaceutical instruments are various fundamental devices that play a vital role in the medicine and pharmaceutical fields. It is an analytical measuring device usually found in medical facilities and laboratories. Each type of instrumentation plays an important role in each unique step of the manufacturing process. Instrumentation for the pharmaceutical industry requires the highest level of precision, reliability, and quality. The primary function of pharmaceutical instruments is to determine, test, study, observe and analyze particular medicine, drug, and other pharmaceutical compounds.

## OBJECTIVE OF THE PROGRAM:

- Understand the advanced qualitative and quantitative aspect of different spectroscopic methods and separation techniques
- Learn the fundamental principles and instrumentation of various analytical instruments in qualitative and quantitative analysis of drugs

## OUTCOME OF THE PROGRAM:

- Focus on development of analytical methods using new combinations of established instrumentation and approaches
- Develop important employability to become a successful scientist in the pharmaceutical industrial career.

Gold Medal 2014-15



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E-Mail : gkcp@rediffmail.com

website: www.gkcp.edu.in

A.Y: 2022-23

## LIST OF ENROLLED STUDENTS

**Name of the Program :** A Two-week add-on program on "The Instruments Involved in Pharmaceutical Analysis"

**Date of the Program :** Two Weeks (26.07.2022 to 11.08.2022)

S.No	HT.No	Name of the Student	Year	Name of the Program	Signature of the Student
1	20Z71R0003	ALIVELI AVULURI	II/II	B. Pharm	A. Aliveli
2	20Z71R0008	APSANA SYED	II/II	B. Pharm	Sd. Apsana
3	20Z71R0009	AYESHA SHAIK	II/II	B. Pharm	Sk. Ayesha
4	20Z71R0010	BALA P	II/II	B. Pharm	P. Balan
5	20Z71R0011	BHANU CHANDAR DURTHATI	II/II	B. Pharm	D. Bhanu Chandar
6	20Z71R0012	BHAVANA KALLETI	II/II	B. Pharm	K. Bhavana
7	20Z71R0013	BHAVANA PINDI	II/II	B. Pharm	P. Bhavana
8	20Z71R0015	BHEEMESH DASARA	II/II	B. Pharm	D. Bheemesh
9	20Z71R0016	BHUVANESWARI KANALA	II/II	B. Pharm	K. Bhuvaneshwari
10	20Z71R0017	BHUVANESWARI PAMANJI	II/II	B. Pharm	P. Bhuvaneshwari
11	20Z71R0018	CHAITANYA VALIPI	II/II	B. Pharm	V. Chaitanya
12	20Z71R0019	CHENCHU PRIYA CHINTA	II/II	B. Pharm	C. Chenchupriya
13	20Z71R0020	CHENCHU RATHNAM VALAPI	II/II	B. Pharm	V. Chenchu Rathnam
14	20Z71R0022	DEVIKA RANI PANABAKA	II/II	B. Pharm	P. Devikarani



*Narayana*  
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15	20Z71R0030	HARIPRIYA MADALA	II/II	B. Pharm	M. Haripriya
16	20Z71R0031	HEMA SREE UPPALAMARTHY	II/II	B. Pharm	U. Hema Sree
17	20Z71R0032	HEMASRI MARUBOINA	II/II	B. Pharm	M. Hemasri
18	20Z71R0033	HEMAVATHY R	II/II	B. Pharm	R. Hemavathy
19	20Z71R0043	LAVANYA ONTELA	II/II	B. Pharm	O. Lavanya
20	20Z71R0047	MAHAMMAD SADHIK SHAIK	II/II	B. Pharm	SK. Sadhik
21	20Z71R0049	MEGHANA ARIGONDAM	II/II	B. Pharm	A. Meghana
22	20Z71R0050	MOUNIKA PUTTURU	II/II	B. Pharm	P. Mounika
23	20Z71R0061	PAVAN KUMAR KARIKATI	II/II	B. Pharm	K. Pavan Kumar
24	20Z71R0062	PONMALAR KAVYA A	II/II	B. Pharm	P. Ponmalar Kavya
25	20Z71R0065	POOJA NALLIBOYANA	II/II	B. Pharm	N. Pooja
26	20Z71R0066	POOJITHA KOGILA	II/II	B. Pharm	K. Poojitha
27	20Z71R0078	SARASWATHI GORLA	II/II	B. Pharm	G. Saraswathi
28	20Z71R0084	SRIYA VIJITHA NAGISETTY	II/II	B. Pharm	N. Sriyavijitha
29	20Z71R0090	VENKATATHIRUPAL M	II/II	B. Pharm	M. Venkathirupal
30	20Z71R0094	YAMINI SAJJA	II/II	B. Pharm	S. Yamini

A.R. Duj

PROGRAM COORDINATOR



Kavay

PRINCIPAL

Dr. BALAGANI PAVAN KUMAR  
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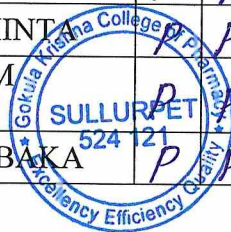
website: www.gkcp.edu.in

A.Y: 2022-23

**A Two-week add-on program on "The Instruments Involved in Pharmaceutical Analysis"**

## DAY WISE ATTENDANCE SHEET

S.No	HT.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
			26/7	27/7	28/7	29/7	30/7	1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	10/8	
1	20Z71R0003	ALIVELI AVULURI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
2	20Z71R0008	APSANA SYED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
3	20Z71R0009	AYESHA SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
4	20Z71R0010	BALA P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
5	20Z71R0011	BHANU CHANDAR DURTHATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
6	20Z71R0012	BHAVANA KALLETI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
7	20Z71R0013	BHAVANA PINDI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
8	20Z71R0015	BHEEMESH DASARA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
9	20Z71R0016	BHUVANESWARI KANALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
10	20Z71R0017	BHUVANESWARI PAMANJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
11	20Z71R0018	CHAITANYA VALIPI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
12	20Z71R0019	CHENCHU PRIYA CHINT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
13	20Z71R0020	CHENCHU RATHNAM VALAPI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
14	20Z71R0022	DEVIKA RANI PANABAKA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14



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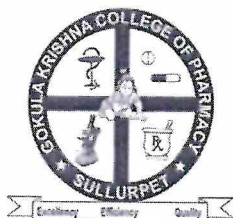
website: www.gkcp.edu.in

15	20Z71R0030	HARIPRIYA MADALA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
16	20Z71R0031	HEMA SREE UPPALAMARTHY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
17	20Z71R0032	HEMASRI MARUBOINA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
18	20Z71R0033	HEMAVATHY R	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
19	20Z71R0043	LAVANYA ONTELA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
20	20Z71R0047	MAHAMMAD SADHIK SHAIK	P	P	P	P	P	P	P	P	P	P	P	P	P	A	13
21	20Z71R0049	MEGHANA ARIGONDAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
22	20Z71R0050	MOUNIKA PUTTURU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
23	20Z71R0061	PAVAN KUMAR KARIKATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
24	20Z71R0062	PONMALAR KAVYA A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
25	20Z71R0065	POOJA NALLIBOYANA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
26	20Z71R0066	POOJITHA KOGILA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
27	20Z71R0078	SARASWATHI GORLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
28	20Z71R0084	SRIYA VIJITHA NAGISETTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
29	20Z71R0090	VENKATATHIRUPAL M	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14
30	20Z71R0094	YAMINI SAJJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	14

*A.R. Jay*  
PROGRAM COORDINATOR



*Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj Pj*  
**Dr. BALAGAN PAVAN KUMAR**  
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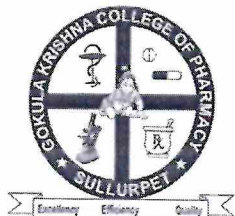
**Date: 12-08-2022**

## **PROGRAM REPORT**

- Name of the Program** : A Two-week add-on program on "The Instruments Involved in Pharmaceutical Analysis"
- Date of the Program** : 26-07-2022 to 11-08-2022
- Details of the Resource Person** : **Mr. A.V.L.S.Ramakrishna**  
Asst. Professor, Dept. of Pharmaceutical analysis,  
Gokula Krishna college of pharmacy, Sullurupeta,  
Tirupati Dist. A.P  
Contact number: +91 7382956756  
Mail id: atchutapharma431@gmial.com
- Objectives of the Program** : Towards accomplishment of this course students should be able to
- understand the advanced qualitative and quantitative aspect of different spectroscopic methods and separation techniques
  - Learn the fundamental principles and instrumentation of various analytical instruments in qualitative and quantitative analysis of drugs
  - Apply the concepts in various steps like
    - Sample preparation
    - Quality control analysis
    - Validation of analytical methods used in industry
- Topics covered** : Course was fraught out with
- Types of pharmaceutical analysis



  
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- Titration
- Melting point and boiling point
- Disintegration
- Dissolution
- Chromatography
- Spectroscopy

## Outcome of the Program

: On successful completion of this program, a student would be expected to be able to

- Demonstrate knowledge about fundamental principles and instrumentation of various analytical instruments in qualitative and quantitative analysis of drugs
- Develop ability to work in pharmaceutical industries on analytical methods, instruments, analytical method development.
- Loaded with key skills in Pharmaceutical analysis including analytical science and techniques.
- Focus on development of analytical methods using new combinations of established instrumentation and approaches
- Develop important employability to become a successful scientist in the pharmaceutical industrial career.

Number of Participants

: 30

*A.R. Duj*

PROGRAM COORDINATOR



*Naray*

**Dr. BALAGANI PAVAN KUMAR**  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./Mrs. ✓

.....*Apsana Syed*.....

has participated in A Two Week Certificate Program on

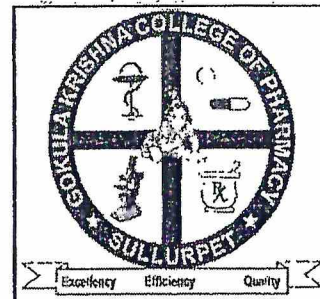
**"The Instruments Involved in Pharmaceutical Analysis"**

organized by Gokula Krishna College of Pharmacy, Sullurupeta,

Andhra Pradesh, India from 26<sup>th</sup> July to 11<sup>th</sup> August 2022.



*A.R. Dey*  
COORDINATOR



*Navay*  
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PRINCIPAL

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**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms./Mrs.

*Hemavathy R.*

has participated in A Two Week Certificate Program on

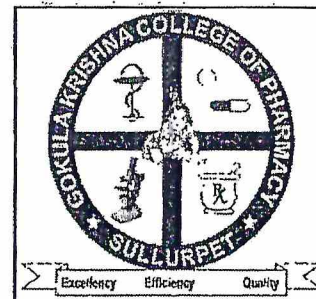
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*A.R. Dey*  
**COORDINATOR**



*Pavan*  
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PROFESSOR & PRINCIPAL  
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**PRINCIPAL**