



# SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, PCI-New Delhi and Affiliated to JNTU, Kakinada)

(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## LIST OF ADD-ON/CERTIFICATE PROGRAMME

ACADEMIC YEAR: 2018-2019

S.NO	NAME OF THE PROGRAMME	DURATION	NUMBER OF PARTICIPANTS
1	A Two-week certificate course on Ethno pharmacology	09-07-2018 to 21-07-2018	39
2	A Two-week certificate course on Health care Business Intelligence (HBI) in Pharmaceuticals	23-07-2018 to 04-08-2018	45
3	A Two-weeks certificate course on Pharmaceutical Professionalism	05-11-2018 to 17-11-2018	53
4	A Two-week certificate course on Pharmaceutical Clinical Data Management	03-12-2018 to 15-12-2018	36
5	A Two-week certificate course on Pharmacoeconomics of Orphan Drugs	04-03-2019 to 14-03-2019	21
6	A Two-week certificate course on Clinical Pharmacogenetics	18-03-2019 to 28-03-2019	52



  
PRINCIPAL

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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(Email: sivanisep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 02-07-2018.

All the 3<sup>rd</sup> B. Pharmacy students are here by informed that our college is conducting A Two-week certificate course on Ethno pharmacology from 09-07-2018 to 21-07-2018. All the students shall give their names to programme co-ordinator listed below on or before 06-07-2018.

Programme Co-ordinator : Ms. V.Swathi

M.pharmacy

Asst. Professor

Venue: Lecture Hall-3

PRINCIPAL

PRINCIPAL

Sri Sivani College of Pharmacy

Chilakapalem-532 402, Srikakulam Dt.

Affiliated to JNTU-Kakinada Code: DA

Copy To,

1. Programme Co-Ordinator V. Swathi
2. Library
3. Office
4. 3<sup>rd</sup> B. Pharmacy students and display in notice board



## -Registration Form:

Name : \_\_\_\_\_  
Regd. No. : \_\_\_\_\_  
Date of birth: \_\_\_\_\_  
Year : \_\_\_\_\_ Sem : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile : \_\_\_\_\_  
Email : \_\_\_\_\_

Signature of Head  
of Institution

Signature of  
Candidate

### COURSES OFFERED:-

B.PHARMACY - 4 YEARS  
M.PHARMACY - 2 YEARS  
\*PHARMACEUTICS  
\*PHARMACEUTICAL  
ANALYSIS  
\*REGULATORY AFFAIRS

## Programme Committe:

CHIEF PATRON

SRI. V.M.M. SAINATH REDDY

President, Sri Sivani Educational Society

PATRON

SRI. J. SURYACHANDRA RAO

Vice President, Sri Sivani Educational Society

SRI. K. DURGA SRINIVAS

Secretary, Sri Sivani Educational Society

SRI. P. DURGA PRASAD RAJU

Joint Secretary, Sri Sivani Educational Society

SRI. D. VENKATA RAO

Treasurer, Sri Sivani Educational Society

Dr. S. SRINIVASA RAO

Correspondent, Sri Sivani Educational Society

PRINCIPAL

Dr.Lagnajit Mahapatra

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

PRINCIPAL

Sri Sivani College of Pharmacy

Chilakapalem-532 402, Srikakulam Dist.

Affiliated to JNTU-Kakinada Code: UA

## Programme Co-Ordinator:

Ms.V.Swathi

M. Pharm,

Asst Professor

Sri Sivani college of Pharmacy



A Two-week certificate  
course on Ethno  
pharmacology

09-07-2018 to 21-07-2018



ORGANISED BY

**SRI SIVANI COLLEGE  
OF PHARMACY**  
CHILAKAPALEM, SRIKAKULAM



## **ABOUT COLLEGE**

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town.

**Registration free  
for in-house  
students**

### **Vision:**

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

### **Mission:**

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.



### **Topics Covered:**

- 1 - Introduction to Ethnopharmacology and Traditional Medicine Practices
- 2 - Plant Identification and Collection Techniques
- 3 - Ethnobotanical Fieldwork and Data Gathering
- 4 - Herbal Medicine Preparation and Traditional Healing Methods
- 5 - Case Studies in Ethnopharmacology
- 6 - Ethnopharmacological Research Methods and Ethics
- 7 - Pharmacological Screening of Ethnobotanicals
- 8 - Conservation and Sustainable Harvesting
- 9 - Indigenous Knowledge Preservation and Intellectual Property Rights
- 10 - Final Presentations

#### **Resource person:**

**Mr.K.V.Rajesh**  
M. Pharm, Associate  
Professor

Sri Sivani college of Pharmacy  
9966651939

EmailId:rajesh143141@yahoo.com

**PRINCIPAL**

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam  
Affiliated to JNTU-Kakinada Code: UA





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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Ethnopharmacology
DATE	09-07-2018 to 21-07-2018
VENUE	Lecture hall -3
PROGRAMME	B. Pharmacy
YEAR	3 <sup>rd</sup> B. Pharmacy
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	39

V. Swathi  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.


## PROGRAMME SCHEDULE

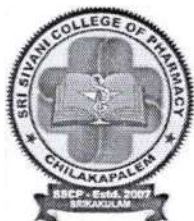
A.Y: 2018-2019

NAME: A Two-week certificate course on Ethno pharmacology

DAY	DATE	TOPIC
DAY-1	09-07-2018	Introduction to Ethno pharmacology and Traditional Medicine Practices
DAY-2	10-07-2018	Plant Identification and Collection Techniques
DAY-3	11-07-2018	Ethno botanical Fieldwork and Data Gathering
DAY-4	12-07-2018	Herbal Medicine Preparation and Traditional Healing Methods
DAY-5	13-07-2018	Case Studies in Ethno pharmacology
DAY-6	16-07-2018	Ethno pharmacological Research Methods and Ethics
DAY-7	17-07-2018	Pharmacological Screening of Ethno botanicals
DAY-8	18-07-2018	Conservation and Sustainable Harvesting
DAY-9	20-07-2018	Indigenous Knowledge Preservation and Intellectual Property Rights
DAY-10	21-07-2018	Final Presentations and Certificate Distribution

V. Swathi  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

Date: 23-07-2018

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Ethno pharmacology  
Academic Year : 2018-2019  
Date : 09-07-2018 to 21-07-2018  
Venue : Lecture hall -3  
Number of Participants : 39

Resource person	<b>Mr.K.V.Rajesh</b> M. Pharm, Associate Professor Sri Sivani college of Pharmacy 9966651939 EmailId:rajesh143141@yahoo.com
Programme Co-Ordinator	<b>Ms.V.Swathi</b> M. Pharm, Asst Professor Sri Sivani college of Pharmacy

### Objectives of Programme:

The two-week Ethno pharmacology Certificate Course aims to provide participants with a comprehensive understanding of the intricate relationship between traditional knowledge of medicinal plants and modern pharmacology. Through a blend of theoretical insights and practical applications, this course equips students with the skills and expertise needed to explore, document, and potentially harness the therapeutic potential of indigenous plant-based remedies while promoting ethical and sustainable practices in the field of ethnopharmacology



### Topics Covered:

- 1 - Introduction to Ethnopharmacology and Traditional Medicine Practices
- 2 - Plant Identification and Collection Techniques
- 3 - Ethnobotanical Fieldwork and Data Gathering
- 4 - Herbal Medicine Preparation and Traditional Healing Methods
- 5 - Case Studies in Ethnopharmacology
- 6 - Ethnopharmacological Research Methods and Ethics
- 7 - Pharmacological Screening of Ethnobotanicals
- 8 - Conservation and Sustainable Harvesting
- 9 - Indigenous Knowledge Preservation and Intellectual Property Rights
- 10 - Final Presentations

### Outcomes of Programme:

The two-week certificate course in Ethnopharmacology provides participants with a comprehensive understanding of the intricate relationship between traditional knowledge of medicinal plants and modern pharmacological research. Through a blend of theoretical lectures and hands-on practical sessions, students gain insights into the diverse cultural practices and indigenous healing traditions worldwide. By the course's conclusion, participants will be equipped with the skills to bridge the gap between traditional herbal remedies and contemporary pharmaceutical science, fostering a holistic approach to healthcare that combines ancient wisdom with cutting-edge research and innovation.

The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

V. Swathi  
Co-Ordinator



**Principal**  
**PRINCIPAL**  
**Sri Sivani College of Pharmacy**  
Chilakapatem-532 402, Srikakulam Dt.  
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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 16-07-2018.

All the 4th B. Pharmacy students are here by informed that our college is conducting **A Two-week certificate course on Health care Business Intelligence (HBI) in Pharmaceuticals** from 23-07-2018 to 04-08-2018. All the students shall give their names to programme co-ordinator listed below on or before 19-07-2018.

**Programme Co-ordinator: Ms. K.Tharani**  
**M.pharmacy**  
**Asst. Professor**

**Venue: Lecture Hall-4**

**PRINCIPAL**

**PRINCIPAL**

**Sri Sivani College of Pharmacy**

**Chilakapalem-532 402, Srikakulam Dt.**

**Affiliated to JNTU-Kakinada Code: DA**

**Copy To,**

1. Programme Co-Ordinator *K.Tharani*
2. Library *RAM*
3. Office *R*
4. 4<sup>th</sup> B. Pharmacy students and display in notice board



# Registration Form:

Name : \_\_\_\_\_  
Regd.No. : \_\_\_\_\_  
Date of birth: \_\_\_\_\_  
Year : \_\_\_\_\_ Sem : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile : \_\_\_\_\_  
Email : \_\_\_\_\_

Signature of  
Head of  
Institution

Signature of  
Candidate

## COURSES OFFERED:-

- B.PHARMACY - 4 YEARS
- M.PHARMACY - 2 YEARS
- \*PHARMACEUTICS
- \*PHARMACEUTICAL ANALYSIS
- \*REGULATORY AFFAIRS

## Programme Committee:

### CHIEF PATRON

**SRI. V.M.M. SAINATH REDDY**

President, Sri Sivani Educational Society

### PATRON

**SRI. J. SURYACHANDRA RAO**

Vice President, Sri Sivani Educational Society

**SRI. K. DURGA SRINIVAS**

Secretary, Sri Sivani Educational Society

**SRI. P. DURGA PRASAD RAJU**

Joint Secretary, Sri Sivani Educational Society

**SRI. D. VENKATA RAO**

Treasurer, Sri Sivani Educational Society

**Dr. S. SRINIVASA RAO**

Correspondent, Sri Sivani Educational Society

### PRINCIPAL

**Dr.Lagnajit Mahapatra**

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

### Programme Co-Ordinator:

**Ms. K.Tharani**

M. Pharm,

Asst Professor

Sri Sivani college of Pharmacy



**A Two-week certificate  
course on Health care  
Business Intelligence  
(HBI) in Pharmaceuticals  
23-07-2018 to 04-08-2018**



## ORGANISED BY

**SRI SIVANI COLLEGE OF  
PHARMACY**

CHILAKAPALEM, SRIKAKULAM



## ABOUT COLLEGE

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town.

**Registration Free  
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Students**

### Vision:

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

### Mission:

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.

### RESOURCE PERSON:

Mr. A. Nanagi

M. Pharm.

Associate Professor

Avanti college of Pharmacy

0305349370

Email Id: pharmananti@gmail.com

### Topics Covered:

- 1: Introduction to Pharmaceutical Industry and Business Intelligence
- 2: Data Collection and Management in Pharma
- 3: Data Warehousing and ETL Processes in Healthcare
- 4: Data Visualization Tools and Techniques
- 5: Regulatory Compliance and Data Security in Pharma
- 6.: Advanced Analytics in Pharmaceutical Business
- 7: Predictive Modelling and Machine Learning Applications
- 8: Case Studies and Practical Applications
- 9: Reporting and Dashboard Development

**PRINCIPAL** 10: Course Conclusion  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dist.  
Affiliated to JNTU-Kakinada Code: DA

### RESOURCE PERSON:

Mr.G.Manoj kumar

M. Pharm,

Associate Professor

Bhaskara college of Pharmacy

7013969337

Email Id: manoj.gembali@gmail.com





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(Email: sivanisep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Health care Business Intelligence (HBI) in Pharmaceuticals
DATE	23-07-2018 to 04-08-2018
VENUE	Lecture hall- 4
PROGRAMME	B. Pharmacy
YEAR	4 <sup>th</sup> B. Pharmacy
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	45

*K. Tharani*  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA





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(Email: sivanisep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.


## PROGRAMME SCHEDULE

A.Y: 2018-2019

NAME: A Two-week certificate course on Health care Business Intelligence (HBI) in  
Pharmaceuticals

DAY	DATE	TOPIC
DAY-1	23-07-2018	Pharmaceutical Industry and Business Intelligence
DAY-2	24-07-2018	Data Collection and Management in Pharma
DAY-3	25-07-2018	Data Warehousing and ETL Processes in Healthcare
DAY-4	26-07-2018	Data Visualization Tools and Techniques
DAY-5	27-07-2018	Regulatory Compliance and Data Security in Pharma
DAY-6	28-07-2018	Advanced Analytics in Pharmaceutical Business
DAY-7	30-07-2018	Predictive Modelling and Machine Learning Applications
DAY-8	01-08-2018	Case Studies and Practical Applications
DAY-9	02-08-2018	Reporting and Dashboard Development
DAY-10	04-08-2018	Course Conclusion

K. Thayani  
Co-Ordinator

  
Principal

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

Date: 06-08-2018

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Health care Business

Intelligence (HBI) in Pharmaceuticals

Academic Year : 2018-2019

Date : 23-07-2018 to 04-08-2018

Venue : Lecture hall - 4

Number of Participants : 45

Resource person	Mr.G.Manoj kumar M. Pharm, Associate Professor Bhaskara college of Pharmacy 7013969337 Email Id: manoj.gembali@gmail.com
Resource person	Mr. A. Nanagi M. Pharm, Associate Professor Avanthi college of Pharmacy 6305349370 Email Id: pharmanani@gmail.com
Programme Co-Ordinator	Ms. K.Tharani M. Pharm, Asst Professor Sri Sivani college of Pharmacy



## **Objectives of Programme:**

The course objective for Health Care Business Intelligence (HBI) in Pharmaceuticals is to equip students with the essential knowledge and skills necessary to leverage data-driven insights and analytics in the pharmaceutical industry. Through this course, students will learn how to collect, analyze, and interpret healthcare data to make informed strategic decisions, optimize drug development processes, enhance market research, and improve overall operational efficiency within pharmaceutical companies. By the end of the course, participants will have a comprehensive understanding of the role of business intelligence in pharmaceuticals and be prepared to apply these principles to real-world healthcare challenges

## **Topics Covered:**

- 1: Introduction to Pharmaceutical Industry and Business Intelligence
- 2: Data Collection and Management in Pharma
- 3: Data Warehousing and ETL Processes in Healthcare
- 4: Data Visualization Tools and Techniques
- 5: Regulatory Compliance and Data Security in Pharma
- 6.: Advanced Analytics in Pharmaceutical Business
- 7: Predictive Modelling and Machine Learning Applications
- 8: Case Studies and Practical Applications
- 9: Reporting and Dashboard Development
- 10: Course Conclusion

### Outcomes of Programme:

- Gain a comprehensive understanding of pharmaceutical data analytics and its applications in healthcare management.
- Develop proficiency in using business intelligence tools and techniques to analyze pharmaceutical data for informed decision-making.
- Acquire knowledge of regulatory compliance and data security in the pharmaceutical industry to ensure data integrity.
- Learn how to generate actionable insights from pharmaceutical data to improve drug development, market strategies, and patient care.
- Enhance your skills in data visualization and reporting to effectively communicate findings and recommendations to stakeholders in the pharmaceutical sector

The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

K.Tharani  
Co-Ordinator



**Principal**

**PRINCIPAL**

**Sri Sivani College of Pharmacy**  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA





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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 29-10-2018

All the 1<sup>st</sup> B. Pharmacy students are here by informed that our college is conducting A Two-week certificate course on Pharmaceutical Professionalism from 05-11-2018 to 17-11-2018. All the students shall give their names to Programme co-ordinator listed below on or before 02-11-2018.

Programme Co-ordinator : G.Sowndarya  
M.pharmacy  
Asst. Professor

Venue: Lecture Hall -1

PRINCIPAL

PRINCIPAL

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA

Copy To,

1. Programme Co-Ordinator *G. Sowndarya*
2. Library *[Signature]*
3. Office *[Signature]*
4. 1<sup>st</sup> B. Pharmacy students and display in notice board



## Registration Form:

Name : \_\_\_\_\_

Regd.No. : \_\_\_\_\_

Date of birth: \_\_\_\_\_

Year: \_\_\_\_\_ Sem : \_\_\_\_\_

Qualification : \_\_\_\_\_

Institution : \_\_\_\_\_

Address for Communication : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile : \_\_\_\_\_

Email : \_\_\_\_\_

Signature of Head  
of Institution

Signature of  
Candidate

### COURSES OFFERED:-

B.PHARMACY - 4 YEARS

M.PHARMACY - 2 YEARS

\*PHARMACEUTICS

\*PHARMACEUTICAL  
ANALYSIS

\*REGULATORY AFFAIRS

## Programme Committee:

### CHIEF PATRON

**SRI. V.M.M. SAINATH REDDY**

President, Sri Sivani Educational Society

### PATRON

**SRI. J. SURYACHANDRA RAO**

Vice President, Sri Sivani Educational Society

**SRI. K. DURGA SRINIVAS**

Secretary, Sri Sivani Educational Society

**SRI. P. DURGA PRASAD RAJU**

Joint Secretary, Sri Sivani Educational Society

**SRI. D. VENKATA RAO**

Treasurer, Sri Sivani Educational Society

**DR. S. SRINIVASA RAO**

Correspondent, Sri Sivani Educational Society

### PRINCIPAL

**Dr.Lagnajit Mahapatra**

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

**PRINCIPAL**  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: 04

### Programme Co-Ordinator:

**Ms.G.Sowndarya**

M. Pharm,

Asst Professor

Sri Sivani college of Pharmacy



A Two-week certificate

course on

**Pharmaceutical  
Professionalism**

05-11-2018 to 17-11-2018



**ORGANISED BY**

**SRI SIVANI COLLEGE OF  
PHARMACY**

CHILAKAPALEM, SRIKAKULAM



## ABOUT COLLEGE:

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town. The campus is spread across 2.53 acres of pollution-free, picturesque, lush green surroundings, creating the right ambiance and conducive environment for quality education and research.



## Vision:

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

## Mission:

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.

## Topics Covered:

1. Introduction to Pharmacy field
2. Ethical Principles in Pharmacy
3. Pharmacy Laws and Regulations
4. Effective Communication Skills
5. Patient Counseling and Medication Adherence
6. Role of Pharmacists in Patient Care Teams
7. Inventory Management
8. Job Interview Skills and Resume Building
9. Emerging Trends in Pharmacy
10. Preparing for Future Challenges

## RESOURCE PERSON:

Dr.Lagnajit Mahapatra  
M. Pharm,Ph.D  
Principal, Professor

Principal, Sri Sivani college of Pharmacy  
8985688742  
EmailId:lagnajit.mahapatra@gmail.com

Registration  
Free For In-House  
Students

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam  
Affiliated to JNTU-Kakinada College of Pharmacy





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(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, PCI-New Delhi and Affiliated to JNTU, Kakinada)

(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Pharmaceutical Professionalism
DATE	05-11-2018 to 17-11-2018
VENUE	Lecture hall-1
PROGRAMME	B. Pharmacy
YEAR	1 <sup>st</sup> B. Pharmacy
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	53

G. Sowndarya

Co-Ordinator

Principal

**PRINCIPAL**

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA





# SRI SIVANI COLLEGE OF PHARMACY

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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## PROGRAMME SCHEDULE

AY: 2018-2019

NAME: A Two-week certificate course on Pharmaceutical Professionalism

DAY	DATE	TOPIC
DAY-1	05-11-2018	Introduction to Pharmacy field
DAY-2	06-11-2018	Ethical principles in pharmacy
DAY-3	08-11-2018	Pharmacy laws in regulation
DAY-4	09-11-2018	Effective Communication Skills
DAY-5	10-11-2018	Patient Counseling and Medication Adherence
DAY-6	11-11-2018	Role of Pharmacists in Patient Care Teams
DAY-7	12-11-2018	Inventory Management
DAY-8	15-11-2018	Job Interview Skills and Resume Building
DAY-9	16-11-2018	Emerging trends in pharmacy
DAY-10	17-11-2018	Preparing for Future Challenges

G. Sowndarya  
Co-Ordinator

**Principal**  
**PRINCIPAL**  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

Date: 19-11-2018

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Pharmaceutical Professionalism

Academic Year : 2018-2019

Date : 05-11-2018 to 17-11-2018

Venue : Lecture hall -1

Number of Participants : 53

Resource person	<b>Dr.Lagnajit Mahapatra</b> M. Pharm,Ph.D Principal, Professor Sri Sivani college of Pharmacy 8985688742 EmailId:lagnajit.mahapatra@gmail.com
Programme Co-Ordinator	<b>Ms.G.Sowndarya</b> M. Pharm, Asst Professor Sri Sivani college of Pharmacy

### Objectives of Programme:

The two-week certificate course on **Pharmaceutical Professionalism** aims to equip participants with a comprehensive understanding of the ethical, regulatory, and professional principles essential for a successful career in the pharmaceutical industry. Through a combination of theoretical knowledge and practical exercises, this course will empower participants to uphold the highest standards of ethics, integrity, and professionalism while navigating the complex landscape of pharmaceuticals, fostering a commitment to patient safety, compliance, and excellence in their roles.



### Topics Covered:

1. Introduction to Pharmacy field
2. Ethical Principles in Pharmacy
3. Pharmacy Laws and Regulations
4. Effective Communication Skills
5. Patient Counseling and Medication Adherence
6. Role of Pharmacists in Patient Care Teams
7. Inventory Management
8. Job Interview Skills and Resume Building
9. Emerging Trends in Pharmacy
10. Preparing for Future Challenges

### Outcomes of Programme:

The two-week certificate course on Pharmaceutical Professionalism aims to equip participants with a comprehensive understanding of the ethical, legal, and social responsibilities associated with the pharmaceutical industry. By the end of the course, participants will have gained a deep knowledge of industry regulations, ethical decision-making processes, and best practices in pharmaceutical research, development, and distribution. They will also develop strong communication and teamwork skills, enabling them to collaborate effectively within the sector while adhering to the highest standards of professionalism. This course empowers participants to contribute positively to the pharmaceutical field, fostering integrity, safety, and trust in the industry.

The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

G. Sowndarya  
Co-Ordinator



Principal

PRINCIPAL

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



# SRI SIVANI COLLEGE OF PHARMACY

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(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 26-11-2018

All the M.Pharmacy students are hereby informed that our college is conducting A Two-week certificate course on Pharmaceutical Clinical Data Management from 03-12-2018 to 15-12-2018. All the students shall give their names to programme co-ordinator listed below on or before 31-11-2018.

Programme Co-ordinator: Mrs.M.Keerthy  
M.pharmacy  
Asst. Professor

Venue: Lecture Hall-5

Copy To,

1. Programme Co-Ordinator *m. Keerthy*
2. Library *R*
3. Office *R*
4. M. Pharmacy students and display in notice board

PRINCIPAL

PRINCIPAL

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



# Registration Form

Name: \_\_\_\_\_

Regd. No.: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Year: \_\_\_\_\_ Sem: \_\_\_\_\_

Qualification: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of  
Head of institution

Signature of  
Candidate

## COURSES OFFERED:

B.PHARMACY - 4 YEARS

M.PHARMACY - 2YEARS

\*PHARMACEUTICS

\*PHARMACEUTICAL ANALYSIS

\*REGULATORY AFFAIRS

## Programme Committee:

### CHIEF PATRON

**SRI. V.M.M. SAINATH REDDY**

President, Sri Sivani Educational Society

### PATRON

**SRI. J. SURYACHANDRA RAO**

Vice President, Sri Sivani Educational Society

**SRI. K. DURGA SRINIVAS**

Secretary, Sri Sivani Educational Society

**SRI. P. DURGA PRASAD RAJU**

Joint Secretary, Sri Sivani Educational Society

**SRI. D. VENKATA RAO**

Treasurer, Sri Sivani Educational Society

**Dr. S. SRINIVASA RAO**

Correspondent, Sri Sivani Educational Society

### PRINCIPAL

**Dr.Lagnajit Mahapatra**

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

### Programme Co-Ordinator:

**Mrs .M.Keerthy**

**M. Pharm,**

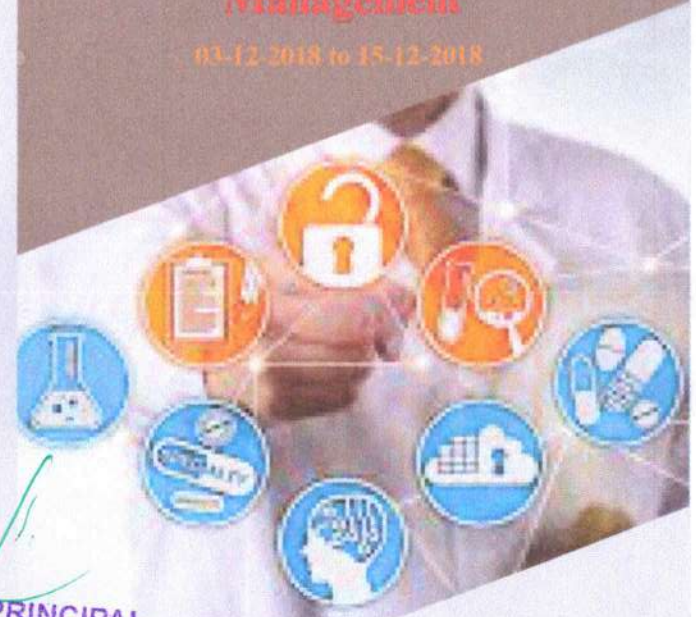
**Asst Professor**

**Sri Sivani college of Pharmacy**



**A Two-week certificate  
course on Pharmaceutical  
Clinical Data  
Management**

**03-12-2018 to 15-12-2018**



**PRINCIPAL**  
**Sri Sivani College of Pharmacy**  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada College

**Organized by**

**SRI SIVANI COLLEGE OF  
PHARMACY**

**Chilakapalem, Srikakulam**



## ABOUT COLLEGE:

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town.

**Registration Free  
For In-House  
Students**

## Vision:

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

## Mission:

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.



## Topic to be covered:

- 1: Introduction to Clinical Data Management (CDM) and Regulatory Framework.
- 2: Data Collection and Case Report Form (CRF) Design.
- 3: Data Entry and Validation Procedures.
- 4: Data Cleaning and Quality Control.
- 5: Electronic Data Capture (EDC) Systems and Technology.
- 6: Data Standardization and Coding.
- 7: Clinical Database Design and Setup.
- 8: Clinical Trial Data Analysis.
- 9: Data Privacy, Security, and Compliance.
- 10: Regulatory Frame work

## Resource persons:

Dr.K.Raj Kiran  
M. Pharm, Ph.D

Associate Professor

Vignani Institute of Pharmaceutical

Technology

9490041367

EmailId:rajkiran.kolkata@gmail.com

Mrs. N.Hemalatha

M. Pharm,

Asst Professor

Bhaskara Institute of Pharmacy

8978801628

EmailId:hemalathianodagaipo@gmail.com





# SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)

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(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Pharmaceutical Clinical Data Management
DATE	03-12-2018 to 15-12-2018
VENUE	Lecture hall- 5
PROGRAMME	M. Pharmacy
YEAR	1 <sup>st</sup> and 2 <sup>nd</sup> year
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	36

M. Keerthy  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## PROGRAMME SCHEDULE

A.Y:2018-2019

NAME: A Two-week certificate course on Pharmaceutical Clinical Data Management

DAY	DATE	TOPIC
DAY-1	3-12-2018	Introduction to Clinical Data Management (CDM).
DAY-2	4-12-2018	Data Collection and Case Report Form (CRF) Design.
DAY-3	5-12-2018	Data Entry and Validation Procedures.
DAY-4	6-12-2018	Data Cleaning and Quality Control.
DAY-5	7-12-2018	Electronic Data Capture (EDC) Systems and Technology.
DAY-6	10-12-2018	Data Standardization and Coding.
DAY-7	11-12-2018	Clinical Database Design and Setup.
DAY-8	12-12-2018	Clinical Trial Data Analysis.
DAY-9	14-12-2018	Data Privacy, Security, and Compliance.
DAY-10	15-12-2018	Regulatory Framework

M. Keesthy  
Co-Ordinator

Principal  
PRINCIPAL

Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA





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(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

Date: 17-12-2018

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Pharmaceutical Clinical Data Management

Academic Year : 2018-2019

Date : 03-12-2018 to 15-12-2018

Venue : Lecture hall -5

Number of Participants : 36

Resource person	<b>Dr.K.Raj kiran</b> M. Pharm, Ph.D Associate Professor Vignan Institute of Pharmaceutical Technology 9490041367 EmailId:rajkiran.kolkata@gmail.com
Resource person	<b>Mrs .N.Hemalatha</b> M. Pharm, Asst Professor Bhaskara Institute of Pharmacy 8978801628 EmailId:hemalathanodagalo@gmail.com
Programme Co-Ordinator	<b>Mrs .M.Keerthy</b> M. Pharm, Asst Professor Sri Sivani college of Pharmacy

### Objectives of Programme:

- ❖ Develop expertise in clinical data management protocols and procedures to ensure the integrity and accuracy of pharmaceutical research data.
- ❖ Gain proficiency in using industry-standard tools and software for data collection, validation, and analysis in clinical trials.
- ❖ Understand the regulatory framework governing clinical data management, ensuring compliance with international standards.
- ❖ Acquire knowledge of data security and privacy measures, critical for safeguarding patient information and maintaining confidentiality.
  
- ❖ Prepare for a rewarding career in pharmaceutical research and development by mastering essential clinical data management skills.

### Topics Covered:

- 1: Introduction to Clinical Data Management (CDM) and Regulatory Framework.
- 2: Data Collection and Case Report Form (CRF) Design.
- 3: Data Entry and Validation Procedures.
- 4: Data Cleaning and Quality Control.
- 5: Electronic Data Capture (EDC) Systems and Technology.
- 6: Data Standardization and Coding.
- 7: Clinical Database Design and Setup.
- 8: Clinical Trial Data Analysis.
- 9: Data Privacy, Security, and Compliance.
- 10: Regulatory Frame work



### Outcomes of Programme:

Upon successful completion of the two-week certificate course on Pharmaceutical Clinical Data Management, participants will achieve several valuable course outcomes.

- ✓ Participants will acquire a comprehensive understanding of clinical data management protocols and best practices in the pharmaceutical industry.
- ✓ They will gain expertise in data collection, validation, and analysis, ensuring the accuracy and reliability of clinical trial data.
- ✓ Through hands-on experience with industry-standard tools and software, participants will be equipped with practical skills for managing and organizing pharmaceutical data effectively.

The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

M. Keerthy  
Co-Ordinator



Principal

**PRINCIPAL**

**Sri Sivani College of Pharmacy**  
Chiakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 25-02-2019

All the M.Pharmacy students are here by informed that our college is conducting **A Two-week certificate course on Pharmacoeconomics of Orphan Drugs** from 04-03-2019 to 14-03-2019. All the students shall give their names to programme co-ordinator listed below on or before 28-02-2019.

**Programme Co-ordinator: Mrs.B.Nirmala**  
M.pharmacy  
**Asst. Professor**

**Venue: Lecture hall -6**

**Copy To,**

1. Programme Co-Ordinator *B. Nirmala*
2. Library *Palani*
3. Office *D*
4. M. Pharmacy students and display in notice board

**PRINCIPAL**

**PRINCIPAL**  
**Sri Sivani College of Pharmacy**  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



# Registration Form

Name: \_\_\_\_\_

Regd.No: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Year: \_\_\_\_\_ Sem: \_\_\_\_\_

Qualification: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of  
Head of institution

Signature of  
Candidate

## COURSES OFFERED:

B.PHARMACY - 4 YEARS

M.PHARMACY - 2YEARS

\*PHARMACEUTICS

\*PHARMACEUTICAL ANALYSIS

\*REGULATORY AFFAIRS

## Programme Committee:

CHIEF PATRON

SRI. V.M.M. SAINATH REDDY

President, Sri Sivani Educational Society

PATRON

SRI. J. SURYACHANDRA RAO

Vice President, Sri Sivani Educational Society

SRI. K. DURGA SRINIVAS

Secretary, Sri Sivani Educational Society

SRI. P. DURGA PRASAD RAJU

Joint Secretary, Sri Sivani Educational Society

SRI. D. VENKATA RAO

Treasurer, Sri Sivani Educational Society

Dr. S. SRINIVASA RAO

Correspondent, Sri Sivani Educational Society

PRINCIPAL

Dr.Lagnajit Mahapatra

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

Programme Co-Ordinator

Mrs .B.Nirmala

M. Pharm.

Asst Professor

Sri Sivani college of Pharmacy



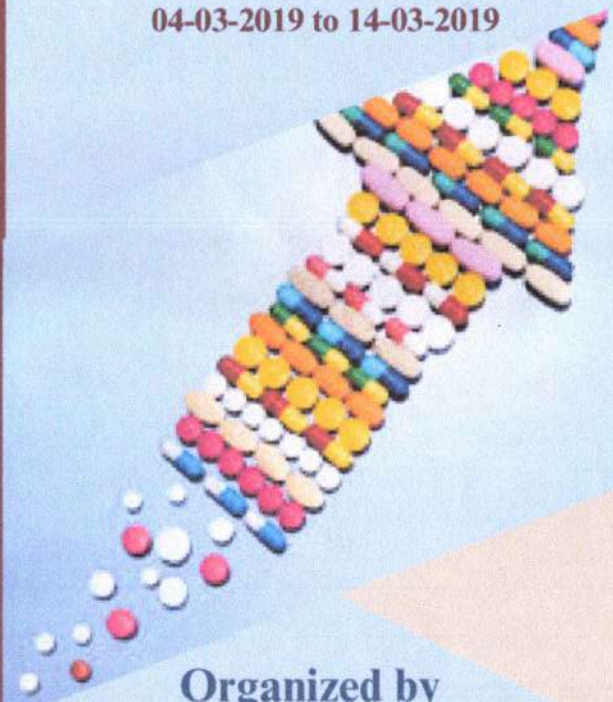
**A Two-week certificate**

**course on**

**Pharmacoeconomics of**

**Orphan Drugs**

**04-03-2019 to 14-03-2019**



**Organized by**

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam, A.P.  
Affiliated to JNTU-Kakinada Code: DA

**SRI SIVANI COLLEGE OF  
PHARMACY**

Chilakapalem, Srikakulam



## About College:

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town.

**Registration Free  
For In-House  
Students**

## Vision:

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

## Mission:

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.



## Topic to be covered:

1. Introduction to Pharmacoeconomics.
2. Introduction to Orphan Drugs.
3. Overview of Rare Diseases and Orphan Drug Development.
4. Cost-Effectiveness Analysis (CEA) in Orphan Drug Evaluation.
5. Quality-Adjusted Life Years (QALY) and Health Economic Evaluation.
6. Budget Impact Analysis (BIA) for Orphan Drugs.
7. Market Access and Reimbursement Strategies for Orphan Drugs.
8. Regulatory Considerations in Orphan Drug Pricing.
9. Ethical Considerations in Orphan Drug Pricing.
10. Case Studies and Practical Applications.

## Resource person:

**Mr. B.Murali krishna**

**M. Pharm,**

**Asst Professor**

**Bhaskara college of Pharmacy**

**Email Id:mkrishna843@gmail.com**

**Mrs. Ramadevi**

**M. Pharm,**

**Asst Professor**

**Sri Sivani College of Pharmacy**

**Sri venkateswara college of Pharmacy -532 402, Srikakulam**

**affiliated to JNTU-Kakinada Cod**

**Email Id:ramadevibankapal@gmail.com**

**PRINCIPAL**





# SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, PCI-New Delhi and Affiliated to JNTU, Kakinada)

(Email: sivanisep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Pharmacoeconomics of Orphan Drugs
DATE	04-03-2019 to 14-03-2019
VENUE	Lecture hall -6
PROGRAMME	M. Pharmacy
YEAR	1 <sup>st</sup> and 2 <sup>nd</sup> year
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	21

*B. Nirmala*  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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(Approved by AICTE, PCI-New Delhi and Affiliated to JNTU, Kakinada)

(Email: sivanisecp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## PROGRAMME SCHEDULE

AY: 2018-2019

NAME: A Two-week certificate course on Pharmacoeconomics of Orphan Drugs

DAY	DATE	TOPIC
DAY-1	4-03-2019	Introduction to Pharmacoeconomics.
DAY-2	5-03-2019	Introduction to Orphan Drugs.
DAY-3	6-03-2019	Overview of Rare Diseases and Orphan Drug Development.
DAY-4	7-03-2019	Cost-Effectiveness Analysis (CEA) in Orphan Drug Evaluation.
DAY-5	8-03-2019	Quality-Adjusted Life Years (QALY) and Health Economic Evaluation.
DAY-6	9-03-2019	Budget Impact Analysis (BIA) for Orphan Drugs.
DAY-7	11-03-2019	Market Access and Reimbursement Strategies for Orphan Drugs.
DAY-8	12-03-2019	Regulatory Considerations in Orphan Drug Pricing.
DAY-9	13-03-2019	Ethical Considerations in Orphan Drug Pricing.
DAY-10	14-03-2019	Case Studies and Practical Applications.

*B. Nirmala*  
Co-Ordinator

Principal

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA





# SRI SIVANI COLLEGE OF PHARMACY

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(Email: sivaniscep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etherla Mandal, Srikakulam Dist - 532 402.

Date:15-03-2019

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Pharmacoeconomics of Orphan Drugs

Academic Year : 2018-2019

Date : 04-03-2019 to 14-03-2019.

Venue : Lecture hall -6

Number of Participants : 21

Resource person	Mr. B.Murali krishna M. Pharm, Asst Professor Bhaskara college of Pharmacy Email Id:mkrishna843@gmail.com
Resource person	Mrs. Ramadevi M. Pharm, Asst Professor Sri venkateswara college of Pharmacy Email Id:ramadevibankapalli@gmail.com
Programme Co-Ordinator	Mrs .B.Nirmala M. Pharm, Asst Professor Sri Sivani college of Pharmacy

### **Objectives of Programme:**

The objective of this two-week certificate course is to provide participants with in-depth knowledge and practical skills in Pharmacoeconomics as applied to orphan drugs. Participants will gain a comprehensive understanding of the unique challenges and considerations in evaluating the cost-effectiveness and market access of orphan drugs, equipping them with the expertise needed to make informed decisions in this specialized field.

### **Topics Covered:**

1. Introduction to Pharmacoeconomics.
2. Introduction to Orphan Drugs.
3. Overview of Rare Diseases and Orphan Drug Development.
4. Cost-Effectiveness Analysis (CEA) in Orphan Drug Evaluation.
5. Quality-Adjusted Life Years (QALY) and Health Economic Evaluation.
6. Budget Impact Analysis (BIA) for Orphan Drugs.
7. Market Access and Reimbursement Strategies for Orphan Drugs.
8. Regulatory Considerations in Orphan Drug Pricing.
9. Ethical Considerations in Orphan Drug Pricing.
10. Case Studies and Practical Applications.



### Outcomes of Programme:

Upon successful completion of the program, participants will be well-versed in the principles and methodologies of Pharmacoeconomics for orphan drugs. They will be able to conduct cost-effectiveness analyses, budget impact assessments, and reimbursement strategies specific to rare diseases and orphan drugs. Graduates of this program will be prepared to contribute to the development, pricing, and access of orphan drugs, ultimately improving patient access to life-changing therapies for rare diseases. The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

*B. Nimala*  
Co-Ordinator



Principal

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chinakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



# SRI SIVANI COLLEGE OF PHARMACY

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(Email: sivaniscep@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## CIRCULAR

Dt: 11-03-2019

All the 2<sup>nd</sup> B. Pharmacy students are here by informed that our college is conducting A Two-week certificate course on Clinical Pharmacogenetics from 18-03-2019 to 28-03-2019. All the students shall give their names to programme co-ordinator listed below on or before 15-03-2019

Programme Co-ordinator: Mrs.A.Jenna  
M.pharmacy  
Asst. Professor

Venue: Lecture Hall -2

PRINCIPAL

PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapalem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA

Copy To,

1. Programme Co-Ordinator A. Jenna
2. Library
3. Office
4. 2<sup>nd</sup> B. Pharmacy students and display in notice board



# Registration Form:

Name : \_\_\_\_\_  
Regd.No. : \_\_\_\_\_  
Date of birth: \_\_\_\_\_  
Year : \_\_\_\_\_ Sem : \_\_\_\_\_  
Qualification : \_\_\_\_\_  
Institution : \_\_\_\_\_  
Address for Communication : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mobile : \_\_\_\_\_  
Email : \_\_\_\_\_

Signature of Head  
of Institution

Signature of  
Candidate

## COURSES OFFERED:-

B.PHARMACY - 4 YEARS  
M.PHARMACY - 2 YEARS  
\*PHARMACEUTICS  
\*PHARMACEUTICAL  
ANALYSIS  
\*REGULATORY AFFAIRS

## Programme Committee:

CHIEF PATRON

SRI. V.M.M. SAINATH REDDY

President, Sri Sivani Educational Society

PATRON

SRI. J. SURYACHANDRA RAO

Vice President, Sri Sivani Educational Society

SRI. K. DURGA SRINIVAS

Secretary, Sri Sivani Educational Society

SRI. P. DURGA PRASAD RAJU

Joint Secretary, Sri Sivani Educational Society

SRI. D. VENKATA RAO

Treasurer, Sri Sivani Educational Society

Dr. S. SRINIVASA RAO

Correspondent, Sri Sivani Educational Society

PRINCIPAL

Dr.Lagnajit Mahapatra

M.Pharm, Ph.D

Principal

Sri Sivani College of Pharmacy

Programme Co-Ordinator :

Mrs .A.Jenna

M. Pharm

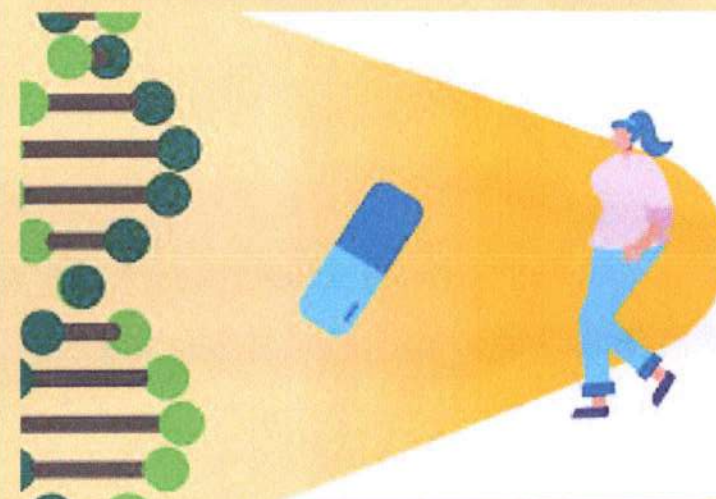
Asst Professor

Sri Sivani College of Pharmacy



A Two-week certificate  
course on Clinical  
Pharmacogenetics

18-03-2019 to 28-03-2019



ORGANISED BY

**SRI SIVANI COLLEGE OF  
PHARMACY**

CHILAKAPALEM, SRIKAKULAM



## ABOUT COLLEGE

Sri Sivani College of Pharmacy was established in the year 2007 under the visionary management of Sri Sivani Educational Society, led by highly motivated and philanthropic individuals with a vision for meticulous planning and commitment to the upliftment of professional education in rural areas of Srikakulam district, Andhra Pradesh. The college is situated in the Eastern Ghats of Andhra Pradesh with a serene, beautiful atmosphere near NH-16, making it easily accessible by bus and local transport from Srikakulam town.

**Registration  
free for in-house  
students**

## **Vision:**

- To be an Institute committed to create highly dedicated, globally skilled Pharmacy Professionals.

## **Mission:**

- To make pharmacy education more accessible to all the rural communities.
- To promote healthcare partnerships and industry programs and fulfill the requirements of industries.
- To promote and disseminate pharmaceutical knowledge through quality teaching and research to improve the health of everyone.
- To execute our mission, we employ creative and established educational methods to produce pharmacists with the skills and knowledge to serve society ethically and professionally.



## **Topics Covered:**

- 1: Introduction to Pharmacogenetics and Its Clinical Applications
- 2: Pharmacogenomic Variants and Their Impact on Drug Response
- 3: Pharmacogenetics Testing Methods and Laboratory Techniques
- 4: Case Studies in Pharmacogenomics
- 5: Drug-Drug Interactions and Pharmacogenomics
- 6: Ethical and Regulatory Aspects of Pharmacogenomics
- 7: Clinical Implementation of Pharmacogenetics
- 8: Personalized Medicine and Pharmacogenomics
- 9: Pharmacogenetics in Specific Therapeutic Areas
- 10: Future Trends and Research in Pharmacogenomics

### **RESOURCE PERSON:**

U. Sri Venkatesh

M. Pharm

Asst Professor

Sri Sivani College of Pharmacy

9949106729

Email Id:venkateshbalagi230@gmail.com

**PRINCIPAL**

**Sri Sivani College of Pharmacy**

Chilakapalem-532 402, Srikakulam

Affiliated to JNTU-Kakinada





# SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)

(Approved by AICTE, PCI-New Delhi and Affiliated to JNTU, Kakinada)

(Email: sivanisscp@gmail.com, College code -DA, Ph No: 7382651422)

N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532 402.

## COURSE DETAILS

COURSE NAME	A Two-week certificate course on Clinical Pharmacogenetics
DATE	18-03-2019 to 28-03-2019
VENUE	Lecture hall-2
PROGRAMME	B. Pharmacy
YEAR	2 <sup>nd</sup> B. Pharmacy
DURATION	30 Hours
TOTAL NUMBER OF STUDENTS ENROLLED	52

A. Jenna  
Co-Ordinator

  
Principal  
PRINCIPAL  
Sri Sivani College of Pharmacy  
Chilakapatem-532 402, Srikakulam Dt.  
Affiliated to JNTU-Kakinada Code: DA



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## PROGRAMME SCHEDULE

AY: 2018-2019

NAME: A Two-week certificate course on Clinical Pharmacogenetics

DAY	DATE	TOPIC
DAY-1	18-03-2019	Introduction to Pharmacogenetics and Its Clinical Applications
DAY-2	19-03-2019	Pharmacogenomic Variants and Their Impact on Drug Response
DAY-3	20-03-2019	Pharmacogenetics Testing Methods and Laboratory Techniques
DAY-4	21-03-2019	Case Studies in Pharmacogenomics
DAY-5	22-03-2019	Drug-Drug Interactions and Pharmacogenomics
DAY-6	23-03-2019	Ethical and Regulatory Aspects of Pharmacogenomics
DAY-7	25-03-2018	Clinical Implementation of Pharmacogenetics
DAY-8	26-03-2019	Personalized Medicine and Pharmacogenomics
DAY-9	27-03-2019	Pharmacogenetics in specific therapeutic area
DAY-10	28-03-2019	Future Trends and Research in Pharmacogenomics

A. Jenna  
Co-Ordinator

  
Principal

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Date: 29-03-2019

## PROGRAMME REPORT

Name of the Programme : A Two-week certificate course on Clinical Pharmacogenetics

Academic Year : 2018-2019

Date : 18-03-2019 to 28-03-2019

Venue : Lecture Hall-2

Number of Participants : 52

Resource person	<b>U. Sri Venkatesh</b> <b>M. Pharm</b> <b>Asst Professor</b> <b>Sri Sivani College of Pharmacy</b> <b>9949106729</b> <b>Email Id:venkateshbalagi230@gmail.com</b>
Programme Co-Ordinator	<b>Mrs .A.Jenna</b> <b>M. Pharm</b> <b>Asst Professor</b> <b>Sri Sivani College of Pharmacy</b>

### Objectives of Programme:

A Clinical Pharmacogenetics Two-Week Certificate Course typically aims to provide healthcare professionals and researchers with a comprehensive understanding of pharmacogenetics, its clinical applications, and how to use genetic information to optimize drug therapy for individual patients. The specific objectives of such a course may include

- 1. Understanding Pharmacogenetics:** Provide participants with a foundational understanding of pharmacogenetics, including the genetic basis of drug response and the impact of genetic variations on drug metabolism, efficacy, and safety.
- 2. Clinical Relevance:** Emphasize the clinical relevance of pharmacogenetics by highlighting real-world examples and case studies where genetic information has been used to guide drug therapy decisions.

3. **Genetic Variants:** Identify and explain key genetic variants and polymorphisms that are known to influence drug response, such as those affecting drug metabolism enzymes (e.g., cytochrome P450 enzymes) and drug targets.
4. **Drug-Genome Interactions:** Explore the interactions between specific drugs and an individual's genetic makeup, including how genetic testing can predict and inform drug response.

**Topics Covered:**

- 1: Introduction to Pharmacogenetics and Its Clinical Applications
- 2: Pharmacogenomic Variants and Their Impact on Drug Response
- 3: Pharmacogenetics Testing Methods and Laboratory Techniques
- 4: Case Studies in Pharmacogenomics
- 5: Drug-Drug Interactions and Pharmacogenomics
- 6: Ethical and Regulatory Aspects of Pharmacogenomics
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- 9: Pharmacogenetics in Specific Therapeutic Areas
- 10: Future Trends and Research in Pharmacogenomics

**Outcomes of Programme:**

1. **Understanding of Pharmacogenetics:** Students should gain a fundamental understanding of pharmacogenetics, including the principles of genetics and genomics as they relate to drug response variability.
2. **Clinical Relevance:** A focus on the clinical relevance of pharmacogenetics is crucial. Students should be able to explain how genetic variations can impact drug efficacy and safety and understand the importance of tailoring drug therapy to an individual's genetic makeup.
3. **Drug-Gene Interactions:** Students should learn about specific drug-gene interactions. This includes understanding which genes are involved in drug metabolism, how variations in these genes can affect drug response, and which drugs are commonly associated with pharmacogenetic testing.



4. **Clinical Decision-Making:** Students should be able to integrate pharmacogenetic information into clinical decision-making processes. This involves identifying situations where pharmacogenetic testing is warranted and applying the results to guide drug selection and dosing.
5. **Ethical and Legal Considerations:** Understanding the ethical and legal aspects of pharmacogenetics is essential. Students should be aware of patient consent, privacy issues, and relevant regulations and guidelines.

The students are actively participated in course programme and certificates are issued after assessment the students. All the participants have given positive feedback on overall course.

A. Jenna  
Co-Ordinator



**Principal**

**PRINCIPAL**

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