



Good Clinical Practice

**ABOUT THE INSTITUTION**

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

- Course Content:**
- Introduction
  - Institutional Review Boards
  - Informed Consent
  - Confidentiality & Privacy
  - Participant Safety & Adverse Events
  - Quality Assurance
  - The Research Protocol
  - Documentation & Record-Keeping
  - Research Misconduct
  - Roles & Responsibilities
  - Recruitment & Retention
  - Investigational New Drugs

Principal  
Jayamukhi College  
Narsampet-501332



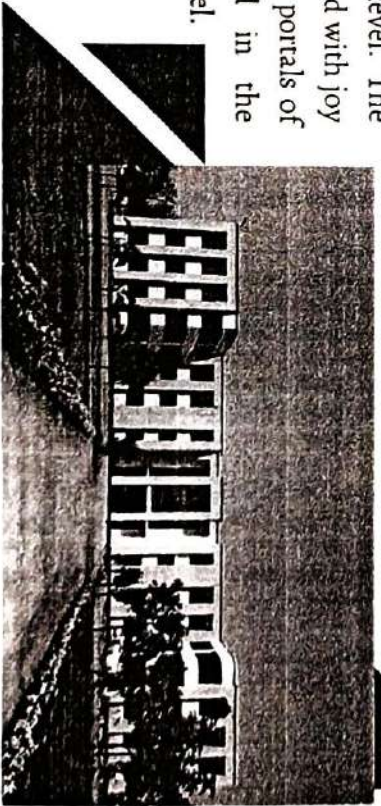
**JAYAMUKHI COLLEGE OF PHARMACY**

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal

**WORKSHOP ON  
GOOD CLINICAL PRACTICE**

08-07-2019 TO 13-07-2019

**Organized by**  
Department of Pharmacology  
Jayamukhi College of Pharmacy





## Registration Form

### Objectives:

The principles of Good Clinical Practice (GCP) help assure the safety, integrity, and quality of clinical trials by addressing elements related to the design, conduct, and reporting of clinical trials. GCP training describes the responsibilities of investigators, sponsors, monitors, and IRBs in the conduct of clinical trials.

GCP training aims to ensure that:

- the rights, safety, and well-being of human subjects are protected
- clinical trials are conducted in accordance with approved plans with rigor and integrity
- data derived from clinical trials are reliable

### Who can attend?

- Students of B. Pharmacy 3rd Year; Pharm. D 4th Year & M. Pharmacy (Pharmacology and M. Pharmaceutics) 1st Year

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant.

Signature of Head of Organization

**Registration Fee:**

Registration form along with registration fee of Rs.100/- on or before 06.07.2019

## Organizing Committee

**Chief Patron:**

Dr. Ch. Devender Reddy

**Patron:**

Shri. T.V.R.N. Reddy

**Convener:**

Prof. S. Vasudeva Murthy

**Coordinators:**

Ms. K. Jyothi

Dr. B. Kalpana



### Resource Person:

Renowned Academicians from the field are invited to deliver the lecture along with Hands-on training.



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : WORKSHOP ON GOOD CLINICAL PRACTICE  
**Duration** : 30 Hours  
**Date of Commencement** : 08-07-2019 to 13-07-2019  
**Course Co-ordinator** : Ms. K. Jyothi & Dr. B. Kalpana

## CURRICULUM:

1. Basic Introduction to ICH GCP & Overview of New Revision
2. Principles of ICH GCP
3. Institutional Review boards
4. Responsibilities:
  - a. Sponsor
  - b. Investigator
  - c. Ethics Committee
5. Essential Documents:
  - a. Informed Consent
  - b. Protocol
  - c. Investigator's Brochure
6. Confidentiality and Privacy
7. Participants Safety and adverse events
8. Serious adverse events Reporting
9. Safety Reporting in Regulatory/Nonregulatory Trials and Compensation Issues.
10. Quality Assurance
11. Research protocol
12. Documentation & Record-Keeping
13. Recruitment and Retention of participants
14. Audit & Inspection
15. Investigational Product – Accountability
16. National ethical guidelines for biomedical and health research involving human participants by ICMR



  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

17. Ethics Committees: Accreditation & Recognition

- NABH
- SIDCER

18. Consequences of GCP non-compliance

19. Case Studies Discussion- Integrating GCP principles in Clinical Research Conduct

20. Difference between Indian GCP and ICH GCP



*[Handwritten Signature]*  
**Principal**  
Jayashree College of Pharmacy  
Narsampet

**Schedule**

<b>Dates</b>	<b>Session-I (09:30 AM-11:00 AM)</b>	<b>Session-II (11:00 AM- 12:30 PM)</b>	<b>Lunch (12:30 PM-1:30 PM)</b>		<b>Session-III (01:30 PM-03:00 PM)</b>	<b>Session-IV (03:00 PM-04:30PM)</b>
08-07-2019	Basic Introduction to ICH GCP & Overview of New Revision(Dr. K. Naresh, Vaagdevi Institute of Pharmaceutical Sciences)	Principles of ICH GCP (Ms. M. Nirmala, Jayamukhi College of Pharmacy)	Institutional Review boards(Dr.C. Srinivas Reddy, Vaagdevi College of Pharmacy)		Roles and Responsibilities of stakeholders: Sponsor, Institution, Investigator, Monitor (Mr. B. Thirupathi, Balaji Institute of Pharmaceutical Sciences)	
09-07-2019	Essential Documents: Informed Consent, Protocol and Investigator's Brochure (Dr. E. Venkateshwarlu, Vaagdevi College of Pharmacy)	Confidentiality and Privacy (Ms. M. Rama, Jayamukhi College of Pharmacy)	Current regulatory requirements for conducting clinical trials/ research in India (including Schedule Y) (Ms. T. Smitha, Jayamukhi College of Pharmacy)		Adverse Drug Reactions/Events (Dr. T. Ravichander, Vaagdevi Pharmacy College)	
10-07-2019	Participants Safety and adverse events (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	Investigator Initiated Studies/Trials (Ms. K. Jyothi, Jayamukhi College of Pharmacy)	Serious adverse events Reporting (Dr. T Prathyusha Rani, Vaagdevi Institute of Pharmaceutical Sciences)		Safety Reporting in Regulatory/Nonregulatory Trials and Compensation Issues (Ms. M. Madhavi, Vaagdevi College of Pharmacy)	
11-07-2019	Quality Assurance Strategies in GCP (Dr. B. Navveen Kumar, Jayamukhi College of Pharmacy)	National ethical guidelines for biomedical and health research involving human participants by ICMR (Mr. B. Thirupathi, Balaji Institute of Pharmaceutical Sciences)	Ethics Committees: Accreditation & Recognition (Dr. E. Venkateshwarlu, Vaagdevi College of Pharmacy)		Research protocol (Ms. M. Rama, Jayamukhi College of Pharmacy)	
12-07-2019	Documentation & Record-Keeping (Ms. B. Mounika, Jayamukhi College of Pharmacy)	Recruitment of participants (Mr. Wajid Ali, Jayamukhi Institute of Pharmaceutical Sciences)	Retention of participants (Dr. B. Navveen Kumar, Jayamukhi College of Pharmacy)		Audit & Inspection (Dr. B. Chandrashekhhar, Vaagdevi Pharmacy College)	
13-07-2019	Investigational Product – Accountability (Dr. T. Ravichander, Vaagdevi Pharmacy College)	Consequences of GCP non-compliance (Dr. P. Srikanth, Vaagdevi Pharmacy College)	Difference between ICH and FDP (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)		Difference between Indian GCP and ICH GCP(Dr. B. Chandrashekhhar, Vaagdevi Pharmacy College)	





JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### ASSESSMENT:

The certificates will be issued to only those participants who will attend the program with a minimum of 80% attendance and score overall 60% marks in the assessments/assignments conducted during the workshop.



*S. Srinivas*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Workshop on Good Clinical Practice

Date: 08-07-2019 to 13-07-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	35318-6001	Chitte Rachana
2.	35318-6003	Kerla Ranjith
3.	35318-6004	Nimmathi Deepika
4.	35318-6005	Banoth Suman
5.	35318-6007	MadathaManasa
6.	35318-6008	Kasoju Sravan Kumar
7.	35318-6009	Kothapelli Vijay
8.	35318-6010	KodamNagaraju
9.	35318-6012	Amma Divya
10.	35318-6013	PendyalaSankeerthana
11.	35318-6014	Alem Bhargavi
12.	35318-6015	RasagnaPoloju
13.	35318-6016	Shameem Sulthana
14.	35318-6019	Kola Madhuri
15.	35318-6020	AyishaFarheen
16.	35318-6021	Muzaffar Ameera
17.	35318-6022	OrangantiVineela
18.	35318-6023	Uppu Swathi
19.	35318-6025	MudigiriManasa
20.	35318-6026	Bairaboina Ganesh
21.	35318-6027	SamalaSravani
22.	35318-6028	GullepelliPoojasri
23.	35318-6030	Regalla Mamatha
24.	35318-6032	Dameruppula Archana
25.	35318-6034	ArutlaBindhu Sri
26.	17353D1001	JuveriaNousheen
27.	17353D1002	AkulaDivyasri
28.	17353D1003	Banoth Subhadra
29.	17353D1004	VardellySravanthi
30.	17353D1005	NallagondaHemika
31.	17353D1006	Geetanjali Sharma



*Signature*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 352

32.	17353D1007	KolipakaSupriya
33.	17353D1008	ManceshaVemireddy
34.	17353D1009	Nasagoni Prasanna Pragna
35.	17353D1010	VadlaManiteja
36.	17353D1012	Allam Rukveshwar
37.	17353D1013	Durgam Manjula
38.	17353D1014	MasnaSainaresh
39.	17353D1015	Mohammed Shabna
40.	17353D1016	Mohammed Shareefatulla
41.	17353D1019	Mohammad Samreen
42.	17353D1020	Arram Rajesh Kumar
43.	20353P1001	Venumuddala Humpy
44.	20353P1003	PolepanguNagarani
45.	20353P1004	Kotta Sandeep
46.	20353P1005	Aruri Naveen
47.	20353P1006	JuluriHimabindu
48.	20353P1009	Birru Mounika
49.	20353P1010	MakulaRashi
50.	20353P1011	VadlakondaTharun
51.	20353P1013	Reshma Nazz
52.	20353P1014	ArdhalaPruthvi Raj

*(Handwritten signature)*



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 333



2019-2020



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Workshop on Good Clinical Practice

Date: 08-07-2019 to 13-07-2019

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	35318-6001	Chitte Rachana	Rachana
2.	35318-6003	Kerla Ranjith	Ranjith
3.	35318-6004	Nimmathi Deepika	Deepika
4.	35318-6005	Banoth Suman	Suman
5.	35318-6007	Madatha Manasa	Manasa
6.	35318-6008	Kasoju Sravan Kumar	Kumar
7.	35318-6009	Kothapelli Vijay	Vijaya
8.	35318-6010	Kodam Nagaraju	Nagaraju
9.	35318-6012	Amma Divya	Divya
10.	35318-6013	Pendyala Sankeerthana	Sankeerthana
11.	35318-6014	Alem Bhargavi	Bhargavi
12.	35318-6015	Rasagna Poloju	Poloju
13.	35318-6016	Shameem Sulthana	Sulthana
14.	35318-6019	Kola Madhuri	Madhuri
15.	35318-6020	Ayisha Farheen	Farheen
16.	35318-6021	Muzaffar Ameera	Ameera
17.	35318-6022	Oramganti Vineela	Vineela
18.	35318-6023	Uppu Swathi	Swathi
19.	35318-6025	Mudigiri Manasa	Manasa
20.	35318-6026	Bairaboina Ganesh	Ganesh
21.	35318-6027	Samala Sravani	Sravani
22.	35318-6028	Gullepelli Poojasri	Poojasri
23.	35318-6030	Regalla Mamatha	Mamatha
24.	35318-6032	Dameruppula Archana	Archana
25.	35318-6034	Arutla Bindhu Sri	Bindhu Sri
26.	17353D1001	Juveria Nousheen	Nousheen
27.	17353D1002	Akula Divyasri	Divyasri
28.	17353D1003	Banoth Subhadra	Subhadra
29.	17353D1004	Vardelly Sravanthi	Sravanthi
30.	17353D1005	Nallagonda Hemika	Hemika
31.	17353D1006	Geetanjali Sharma	Geetanjali



*Sanjay*

Principal

Jayamukhi College of Pharmacy  
Narsampet-506 332

32.	17353D1007	Kolipaka Supriya	Supriya
33.	17353D1008	Mancesha Vemireddy	Vemireddy
34.	17353D1009	Nasagoni Prasanna Pragna	Pragna
35.	17353D1010	Vadla Maniteja	Maniteja
36.	17353D1012	Allam Rukveshwar	Rukveshwar
37.	17353D1013	Durgam Manjula	Manjula
38.	17353D1014	Masna Sainaresh	Sainaresh
39.	17353D1015	Mohammed Shabna	Shabna
40.	17353D1016	Mohammed Shareefatulla	Shareefatulla
41.	17353D1019	Mohammad Samreen	Samreen
42.	17353D1020	Arram Rajesh Kumar	Rajeshkumar
43.	20353P1001	Venumuddala Humpy	Humpy
44.	20353P1003	Polepangu Nagarani	Nagarani
45.	20353P1004	Kotta Sandeep	Sandeep
46.	20353P1005	Aruri Naveen	Naveen
47.	20353P1006	Juluri Himabindu	Himabindu
48.	20353P1009	Birru Mounika	Mounika
49.	20353P1010	Makula Rashi	M. Rashi
50.	20353P1011	Vadlakonda Tharun	Tharun
51.	20353P1013	Reshma Nazz	Nazz
52.	20353P1014	Ardhala Pruthvi Raj	Pruthviraj



  
**Principal**  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

## Workshop on "Good Clinical Practice"

### *Certificate of Participation*

This is to certify that Mr./Ms. B. Suman has participated in Workshop on "Good Clinical Practice", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 08-07-2019 to 13-07-2019.

Principal

Dr. S. Vasudeva Murthy



Jayamukhi College of Pharmacy  
Narsampet-506 332

Principal



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## LEARNING OUTCOMES:

Upon completing this course, the student will be able to:

- Awareness towards principles of GCP, roles and responsibilities of various stakeholder involved in a clinical research/trial
- Understand current ethical and regulatory requirements for conducting clinical research/trial in India
- Aware of the national ethical guidelines for biomedical and health research involving human participants by ICMR
- Understand various requirements for seeking accreditation/registration of ethics committees
- Understand that by seeking compliance to GCP they can give public an assurance that the rights, safety and well-being of human participants are well protected and the data from the study results are credible and accurate



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

For students of B. Pharmacy 3<sup>rd</sup> Year; Pharm.D 4<sup>th</sup> Year & M. Pharmacy (Pharmacology and Pharmaceutics) 1<sup>st</sup> Year workshop for Good Clinical Practice was carried out to inform them about the Good Clinical Practice principles, which assist ensure the safety, integrity, and quality of clinical trials by focusing on aspects related to their design, conduct, and reporting. The duties of investigators, sponsors, monitors, and institutional review boards in the conduct of clinical trials are covered in good clinical practise training. All trial participants should have their rights, safety, and wellbeing protected by institutional review boards or ethical committees. Trials that can involve vulnerable subjects should receive extra scrutiny. Clinical trial protocol and any amendments to the protocol required to conduct clinical trials there was discussion of various accrediting standards, registration criteria, and ethics committee re-registration procedures. Out of 59 participants, 51 students successfully finished this workshop.



*Principal*  
Jayamukhi College of Pharmacy  
Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



## About the institution

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

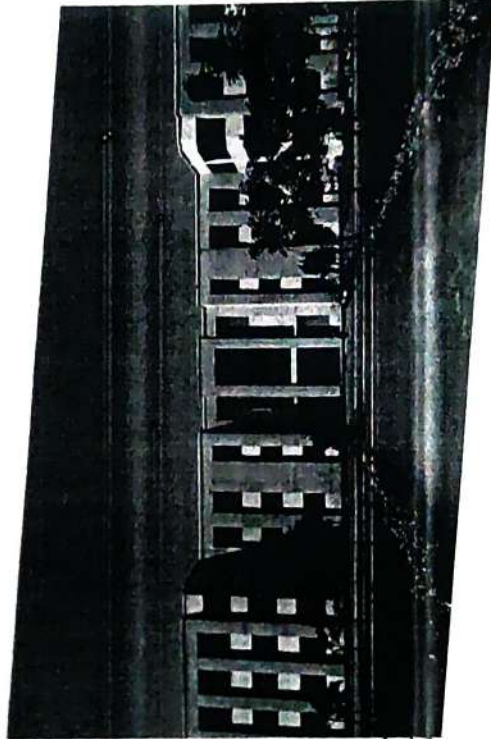
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 333

## Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy  
Patron: Shri. T.V.R.N. Reddy  
Convener: Prof. S. Vastudeva Murthy  
Coordinator: Ms. M. Rama  
Dr. P. Santhosh Kumar

# WORKSHOP ON CLINICAL DATA MANAGEMENT

26-08-2019 TO 31-08-2019



## Registration Form

### Objectives:

Clinical data management courses aims to provide an efficient integration of academic knowledge and industry oriented expertise. A clinical data management professional should have the potential to meet the requirements of the projects they are in with high proficiency and autonomy. As a CDM professional, they have to review, analyse and validate clinical trial data to ensure consistency, integrity and accuracy based on project specific guidelines. They will be involved in querying data discrepancies, draft or revise case report forms in compliance with the protocol, and standard operating procedures of the sponsor as well as the regulatory guidelines. They should have an in depth knowledge on data retrievals and generating summaries.

### Course Outline:

- Introduction to CDM
- Data collection instruments
- CRF designing elements
- Paper based CRF designing
- Data Entry, remote data entry
- Electronic data Capture
- e-CRF designing
- Data quality management plan
- Data Validation
- Query management

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date:

Signature of the Applicant:

Signature of Head of Organization

**WHO CAN ATTEND?**

Pharm.D 5th Year & M. Pharmacology and M. Pharmaceutics 1st Year

Registration Fee: Registration form along with

registration fee of Rs.100/- on or before 24-08-2019



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : Workshop on Clinical Data Management  
**Duration** : 30 Hours  
**Date of Commencement** : 26-08-2019 to 31-08-2019  
**Course Co-ordinator** : Ms. M. Rama & Dr. P. Santhosh Kumar

## CURRICULUM:

- Section – 1: Introduction of Clinical Data Management, Data and Databases, Data Entry, Transcribing Data
- Section – 2: Case report form, Data Tracking, Cleaning Data, Discrepancies Managements, Data Management Plan
- Section – 3: Case report form Review And source Documents, Electronic Data Capture, Design Consideration, Study Setup
- Section – 4: Managing Laboratory Data, Collection of Adverse Events Data, Medical Coding, Creating Reports
- Section – 5: Data Acquisition and Database Closure, Data Transfers, Audit trial, QA in CDM
- Section – 6: Regulatory requirement in Clinical Data Management and Clinical Research
- Section-7: SAS in Clinical data analysis, Importing data from Excel to SAS, Statistical analysis of SAS datasets.
- Section-8: Standard operating procedures and guidelines for data management



**Principal**


Jayamukhi College of Pharmacy  
Narsampet-506 332



**Schedule**

<b>Date</b>	<b>Time</b>	<b>Topic</b>	<b>Resource Persons</b>
<b>26-08-2019</b>	09:30 AM to 12:30 PM	Introduction of Clinical Data Management, Data and Databases	Ms. Syeda Nishat Fathima (Jayamukhi College of Pharmacy)
	01:30 PM to 04:30 PM	Data Entry and Transcribing Data	Dr. P. Santhosh Kumar (Jayamukhi College of Pharmacy)
<b>27-08-2019</b>	09:30 AM to 12:30 PM	Case report form, Data Tracking, Cleaning Data, Discrepancies Managements, Data Management Plan	Ms. G. Girija (Vaagdevi Institute of Pharmaceutical Sciences)
	01:30 PM to 04:30 PM	Coding dictionaries, Migrating and archiving Legacy Data	Dr. P. Usha Sree (Jayamukhi College of Pharmacy)
<b>28-08-2019</b>	09:30 AM to 12:30 PM	Case report form Review And source Documents	Mrs. M. Madhavi (Vaagdevi College of Pharmacy)
	01:30 PM to 04:30 PM	Electronic Data Capture, Design Consideration, Study Setup	Dr. E. Venkateshwarlu (Vaagdevi College of Pharmacy)
<b>29-08-2019</b>	09:30 AM to 12:30 PM	Managing Laboratory Data, Collection of Adverse Events Data, Medical Coding, Creating Reports	Mr. Sharvana Bhava (Vaagdevi College of Pharmacy)
	01:30 PM to 04:30 PM	Data Acquisition and Database Closure, Data Transfers, Audit trial	Dr. T. Ravi Chander (Vaagdevi Pharmacy College)
<b>30-08-2019</b>	09:30 AM to	Preparations, Planning for Clinical Trials and Essential	Dr. T. Ravi Chander (Vaagdevi Pharmacy College)



  
**Principal**  
 Jayamukhi College of Pharmacy  
 Narsapur, Warangal - 506 007

	12:30 PM	Documentation in Clinical Research & Regulatory Submissions	College
	01:30 PM to 04:30 PM	SAS in Clinical data analysis, Importing data from Excel to SAS	Ms. T. Smitha (Jayamukhi College of Pharmacy)
<b>22-04-2017</b>	09:30 AM to 12:30 PM	Regulatory requirement in Clinical Data Management and Clinical Research	Ms. M. Rama (Jayamukhi College of Pharmacy)
	01:30 PM to 04:30 PM	Standard operating procedures and guidelines for data management	Dr. T. Ravi Chander (Vaagdevi Pharmacy College)



*(Handwritten signature in blue ink)*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

80% attendance and 60% marks in assignments (evaluation) is mandatory to receive the certificate.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Workshop on Clinical Data Management

Date: 26-08-2019 to 31-08-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	16353D1001	Akkapatri Sharon Purnima
2.	16353D1002	Devulapalli Chaitanya
3.	16353D1003	Salma Sulthana
4.	16353D1004	Ireni Soumya
5.	16353D1005	Batta Navya
6.	16353D1008	MeesalaGangamani
7.	16353D1009	PendemShubhakar
8.	16353D1010	Mesram Rupali
9.	16353D1012	Uppu Anil Kumar
10.	16353D1013	Pothuganti Akhil
11.	16353D1014	Boga Pravalika
12.	16353D1015	Anumasa Naga Pravalika
13.	16353D1016	BathulaRashmitha Shivani
14.	16353D1019	Ayesha
15.	20353P1001	Venumuddala Humpy
16.	20353P1003	PolepanguNagarani
17.	20353P1004	Kotta Sandeep
18.	20353P1005	Aruri Naveen
19.	20353P1006	JuluriHimabindu
20.	20353P1007	Yara Manasa
21.	20353P1009	Birru Mounika
22.	20353P1010	MakulaRashi
23.	20353P1011	VadlakondaTharun
24.	20353P1012	ErpaNagamani
25.	20353P1013	Reshma Nazz
26.	20353P1014	ArdhalaPruthvi Raj



*(Handwritten signature)*

Principal  
Jayamukhi College  
Narsampet-506 352



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Workshop on Clinical Data Management

Date: 26-08-2019 to 31-08-2019

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	16353D1001	Akkapatri Sharon Purnima	sharon purnima
2.	16353D1002	Devulapalli Chaitanya	Chaitanya
3.	16353D1003	Salma Sulthana	Sulthana
4.	16353D1004	Ireni Soumya	Soumya
5.	16353D1005	Batta Navya	Navya
6.	16353D1008	Meesala Gangamani	Gangamani
7.	16353D1009	Pendem Shubhakar	Shubhakar
8.	16353D1010	Mesram Rupali	Rupali
9.	16353D1012	Uppu Anil Kumar	Anil Kumar
10.	16353D1013	Pothuganti Akhil	Akhil
11.	16353D1014	Boga Pravalika	Pravalika
12.	16353D1015	Anumasa Naga Pravalika	pravalika
13.	16353D1016	Bathula Rashmitha Shivani	Shivani
14.	16353D1019	Ayesha	Ayesha
15.	20353P1001	Venumuddala Humpy	Humpy
16.	20353P1003	Polepangu Nagarani	Nagarani
17.	20353P1004	Kotta Sandeep	Sandeep
18.	20353P1005	Aruri Naveen	Naveen
19.	20353P1006	Juluri Himabindu	Himabindu
20.	20353P1007	Yara Manasa	Manasa
21.	20353P1009	Birru Mounika	Mounika
22.	20353P1010	Makula Rashi	Rashi
23.	20353P1011	Vadlakonda Tharun	Tharun
24.	20353P1012	Erpa Nagamani	Nagamani
25.	20353P1013	Reshma Nazz	Nazz
26.	20353P1014	Ardhala Pruthvi Raj	Pruthvi Raj



*S. Venkatesh*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

36.	17353D1008	Maneesha Vemireddy	V. Vemireddy
37.	17353D1009	Nasagoni Prasanna Pragna	N. Pragna
38.	17353D1010	Vadla Maniteja	M. Maniteja
39.	17353D1014	Masna Sainaresh	M. Sainaresh
40.	17353D1015	Mohammed Shabna	M. Shabna
41.	17353D1016	Mohammed Shareefatulla	M. Shareefatulla
42.	17353D1017	Sayyed Rubeenavahab	S. Rubeenavahab
43.	17353D1018	Afreen Tharunam	A. Tharunam
44.	17353D1019	Mohammad Samreen	M. Samreen
45.	17353D1020	Arram Rajesh Kumar	A. Rajesh Kumar
46.	20353P1001	Venumuddala Humpy	V. Humpy
47.	20353P1002	Kamarapu Spandana	K. Spandana
48.	20353P1003	Polepangu Nagarani	P. Nagarani
49.	20353P1004	Kotta Sandeep	K. Sandeep
50.	20353P1005	Aruri Naveen	A. Naveen
51.	20353P1006	Juluri Himabindu	J. Himabindu
52.	20353P1007	Yara Manasa	Y. Manasa
53.	20353P1009	Birru Mounika	B. Mounika
54.	20353P1010	Makula Rashi	M. Rashi
55.	20353P1011	Vadlakonda Tharun	V. Tharun
56.	20353P1012	Erpa Nagamani	E. Nagamani
57.	20353P1013	Reshma Nazz	R. Nazz
58.	20353P1014	Ardhala Pruthvi Raj	A. Pruthvi Raj



*S. Srinivas*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

## Workshop on "Clinical Data Management"

### *Certificate of Participation*

This is to certify that Mr./Ms. V. HUMPY has participated in Workshop on "Clinical Data Management", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 26-08-2019 to 31-08-2019.



*Narsampet*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

*Dr. S. Vasudeva Murthy*

Principal  
Dr. S. Vasudeva Murthy



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
NARSAMPET, Dist. Warangal 506 552, (T.S)

## Workshop on "Intellectual Property in Health Care industry"

### *Certificate of Participation*

This is to certify that Mr./Ms. R. Vinay has participated in Workshop on "Intellectual Property in Health Care industry", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 10-02-2020 to 15-02-2020.



*Phena*  
Phena

Coordinator

Ms. M. Dhanalaxmi

*Ashwin*  
Coordinator

Mr. T. Ashwin Kumar

*S.S.*

Principal

Dr. S. Vasudeva Murthy

*S.S.*

Principal

Jayamukhi College of Pharmacy  
Narsampet-506 552





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 532, (T.S)

## LEARNING OUTCOMES:

After course completion, the student should:

- Become familiar with the principles and issues involved in monitoring of Case report forms
- Understanding how to collect adverse event data and report it
- Understand how to Create Reports and Transfer Data
- Understand basics of SAS



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 532



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

This workshop on Clinical Data Management was conducted in order to give insight on the latest career field for B. Pharmacy Fourth year; M. Pharmacy (Pharmaceutics) and M. Pharmacy (Pharmacology). Clinical Data Management (CDM) is a critical phase in clinical research, which leads to generation of high-quality, reliable, and statistically sound data from clinical trials. This helps to produce a drastic reduction in time from drug development to marketing. Team members of CDM are actively involved in all stages of clinical trial right from inception to completion. They should have adequate process knowledge that helps maintain the quality standards of CDM processes. Various procedures in CDM including Case Report Form (CRF) designing, CRF annotation, database designing, data-entry, data validation, discrepancy management, medical coding, data extraction, and database locking are assessed for quality at regular intervals during a trial. In the present scenario, there is an increased demand to improve the CDM standards to meet the regulatory requirements and stay ahead of the competition by means of faster commercialization of product. With the implementation of regulatory compliant data management tools, CDM team can meet these demands. Additionally, it is becoming mandatory for companies to submit the data electronically. CDM professionals should meet appropriate expectations and set standards for data quality and also have a drive to adapt to the rapidly changing technology. This workshop clearly elucidated the processes involved and provided the students an overview of the tools and standards adopted as well as the roles and responsibilities in CDM. Out of 29 enrolled students 26 students completed the course and were awarded the certificate.



Principal

Jayamukhi College of Pharmacy  
Narsampet, Warangal - 506 332

## About the institution

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

*[Signature]*

Principal

## Organizing Committee:

Chief Patron: Dr. Ch. Devender Reddy  
Patron: Shri. T.V.R.N. Reddy  
Convener: Prof. S. Vasudeva Murthy  
Coordinators: Dr. B. Naveen Kumar  
Ms. B. Lavanya



# JAYAMUKHI COLLEGE OF PHARMACY

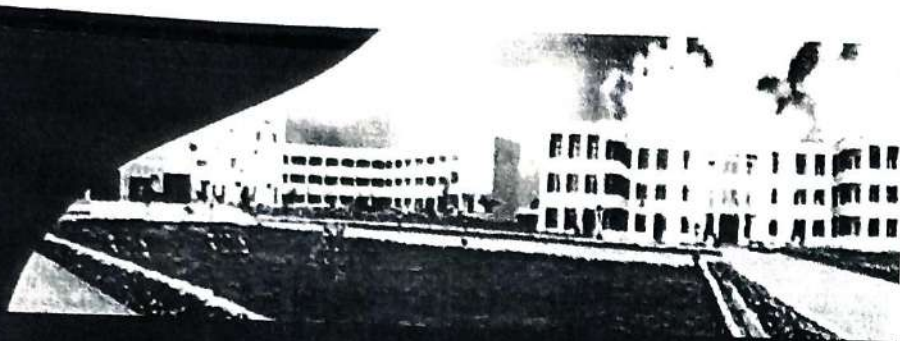
Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



## Workshop on Quality by Design and Design of Experiment

16-09-2019 to 21-09-2019





## Registration Form

### About the workshop:

According to Quality by Design (QbD) concept, quality should be built into product/method during pharmaceutical/analytical development. Usually, there are many input factors that may affect quality of product and methods. Recently, Design of Experiments (DoE) have been widely used to understand the effects of multidimensional and interactions of input factors on the output responses of pharmaceutical products and analytical methods. This workshop provides theoretical and practical considerations for implementation of Design of Experiments (DoE) in pharmaceutical and/or analytical Quality by Design (QbD). This workshop explains the principles and applications of the most common screening designs, such as two-level full factorial, fractionate factorial, and Plackett-Burman designs; and optimization designs, such as three-level full factorial, central composite designs (CCD), and Box-Behnken designs. In addition, the main aspects related to multiple regression model adjustment were discussed, including the analysis of variance (ANOVA), regression significance, residuals analysis, determination coefficients ( $R^2$ ,  $R^2$ -adj, and  $R^2$ -pred), and lack-of-fit of regression model.

Full Name: \_\_\_\_\_  
Hall Ticket No: \_\_\_\_\_  
Course: \_\_\_\_\_  
Year: \_\_\_\_\_  
Mobile: \_\_\_\_\_  
Email: \_\_\_\_\_

**Declaration:**  
The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_  
Signature of the Applicant.

Signature of Head of Organization

Registration Fee:  
Registration is free of cost. Registration form should be submitted on or before 14.09.2019

**Who can attend?**  
Students of M. Pharmacy (Pharmaceutics) 1st Year



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : Workshop on Quality by Design and Design of Experiment  
**Duration** : 30 Hours  
**Date of Commencement** : 16-09-2019 to 21-09-2019  
**Course Co-ordinator** : Dr. B. Naveen Kumar and Ms. B. Lavanya

## CURRICULUM:

### Topic 1: Introduction to Quality by Design

- FDA and EU guidance on QbD
- Purpose and opportunity
- QbD benefits and impact on FDA submissions
- Systematic product development

### Topic 2: Systematic Product Development

- Market understanding
- Target Product Profile (TPP)
- Quality Target Product Profile (QTPP)
- Critical Quality Attributes (CQAs)
- CQA flow down and line of sight

### Topic 3: QbD Implications to Analytical Method and Process Development

- Method development implications
- Process development implications
- QbD and Validation (Lifecycle Approach)

### Topic 4: Design of Experiments in Pharmaceutical Development

- Introduction
- DOE and One Factor at a Time Experiments
- Experimental Preparation
- Full Factorial Designs
- Screening Designs: Augment design



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

- Custom Designs

**Topic 5: How to Use DOE? Hand-on Session**

**Topic 6: Design of Experiments for the Development of different pharmaceutical products**



A handwritten signature in green ink, appearing to be "S. Venkatesh", written over a horizontal line.

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 334

## Schedule

Dates	Day wise Topic	Resource Persons
16-09-2019	Introduction to Quality by Design <ul style="list-style-type: none"> <li>▪ FDA and EU guidance on QbD</li> <li>▪ Purpose and opportunity</li> <li>▪ QbD benefits and impact on FDA submissions</li> <li>▪ Systematic product development</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dr. B. Naveen Kumar (Jayamukhi College of Pharmacy)</li> <li>▪ Dr. B. Chandra Shekar Reddy (Vaagdevi Pharmacy College)</li> <li>▪ Dr. E. Venkateshwarlu (Vaagdevi College of Pharmacy)</li> <li>▪ Mr. M. Sunil (Jayamukhi Institute of Pharmaceutical Sciences)</li> <li>▪ Ms. P. Anusha (Jayamukhi College of Pharmacy)</li> <li>▪ Ms. M. Nirmala (Jayamukhi College of Pharmacy)</li> <li>▪ Mr. T. Ashwin Kumar (Jayamukhi College of Pharmacy)</li> <li>▪ Mrs. B. Krishnaveni (Vaagdevi College of Pharmacy)</li> </ul>
17-09-2019	Systematic Product Development <ul style="list-style-type: none"> <li>▪ Market understanding</li> <li>▪ Target Product Profile (TPP)</li> <li>▪ Quality Target Product Profile (QTPP)</li> <li>▪ Critical Quality Attributes (CQAs)</li> <li>▪ CQA flow down and line of sight</li> </ul>	
18-09-2019	QbD Implications to Analytical Method and Process Development <ul style="list-style-type: none"> <li>▪ Method development implications</li> <li>▪ Process development implications</li> <li>▪ QbD and Validation (Lifecycle Approach)</li> </ul>	
19-09-2019	Design of Experiments in Pharmaceutical Development <ul style="list-style-type: none"> <li>▪ Introduction</li> <li>▪ DOE and One Factor at a Time Experiments</li> <li>▪ Experimental Preparation</li> <li>▪ Full Factorial Designs</li> <li>▪ Screening Designs: Augment design</li> <li>▪ Custom Designs</li> </ul>	
20-09-2019	How to Use DOE? Hand-on Session on DOE Project	
21-09-2019	Design of Experiments for the Development of different Pharmaceutical Products	



*S. Venkateshwarlu*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 377



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 552, (T.S)

## ASSESSMENT:

During the course, continuous examinations that consist of an oral and/or written presentation are carried out. 75 % attendance is compulsory for certificate.



**Principal**  
Jayamukhi College of Pharmacy,  
Narsampet-506 552





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Quality by Design and Design of Experiment

Date: 16-09-2019 to 21-09-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	20353P1001	Venunucklala Humpy
2.	20353P1003	Polepangu Nagarani
3.	20353P1004	Kotta Sandeep
4.	20353P1005	Aruri Naveen
5.	20353P1006	Juluri Himabindu

*Signature*



Principal  
Jayamukhi College  
Narsampet-506 332

JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Quality by Design and Design of Experiment

Date: 16-09-2019 to 21-09-2019

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	20353P1001	Venumuddala Humpy	Humpy
2.	20353P1003	Polepangu Nagarani	Nagarani
3.	20353P1004	Kotta Sandeep	Sandeep
4.	20353P1005	Aruri Naveen	Naveen
5.	20353P1006	Juluri Himabindu	Himabindu



*S. V. S. S. S.*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI New Delhi & affiliated to Kakatiya University Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 552, (T.S)

## Workshop on "Quality by Design and Design of Experiment"

### *Certificate of Participation*

This is to certify that Mr./Ms. A. NAVEEN has participated in Workshop on "Quality by Design and Design of Experiment", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 16-09-2019 to 21-09-2019.



  
**Principal**  
**Dr. S. Vasudeva Murthy**



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 502, (T.S)

### LEARNING OUTCOMES:

Upon completion of this workshop, students were able to:

- Understand the basic concepts of Quality by Design and Design of Experiments
- Plan and conduct experiments in an effective and efficient manner
- Identify and interpret significant factor effects and 2-factor interactions
- Develop predictive models to explain process/product behaviour.
- Check models for validity
- Apply very efficient fractional factorial designs in screening experiments.
- Handle variable, proportion, and variance responses.
- Avoid common misapplications of DOE in practice.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 502



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

Workshop on Quality by Design and Design of Experiment was conducted for the students of M. Pharmacy First Year Pharmaceutics. When developing a pharmaceutical or analytical product or process, quality by design should be incorporated. The quality of the product and the processes is typically influenced by a wide range of input elements. To comprehend the impacts of multidimensional and interactions of input factors on the output responses of pharmaceutical products and analytical methodologies, design of experiments (DoE) is used. How to decide what theoretical and practical factors should be taken into account when applying Design of Experiments to analytical or pharmaceutical processes, the fundamental ideas behind the most popular screening designs, like the two-level full factorial, fractionate factorial, and Plackett-Burman designs, as well as the fundamental ideas behind the most popular optimization designs, like the three-level full factorial, central composite designs, and Box-Behnken designs. The analysis of variance, regression significance, residuals analysis, determination coefficients, and lack of regression model fit were some of the key topics covered in the discussion of multiple regression model adjustment. Since the Design of Experiments is the core element of pharmaceutical and analytical Quality by Design, it has been presented in detail. A certificate was handed to each of the five students who enrolled in this course when the programme was over.



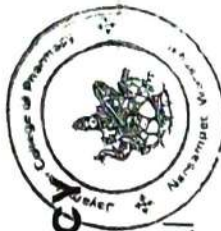
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

## About the institution

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

## Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy  
Patron: Shri. T.V.R.N. Reddy  
Convener: Prof. S. Vasudeva Murthy  
Coordinator: Ms. M. Nirmala & Ms. P. Anusha



## JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal

# WORKSHOP ON NANOMEDICINE AND NANO FORMULATIONS

21-10-2019 to 26-10-2019



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332.

## For B. Pharmacy Second Year



## Course content

The course will focus on uses of nanotechnology in therapy. In detail, the course will cover clinical biomaterials, biocompatibility issues, tissue engineering including stem cells, and higher order structuring of engineered tissues. Furthermore the course will cover nanoscale advanced drug delivery systems fundamentals, design, synthesis, and uses. In addition, environmental, physiological, cellular and molecular toxicological limitations of industrially encountered nanoparticles will be covered. This course focuses on biomedical uses of nanotechnologies and less on the technologies themselves.

## Learning outcome

After completing the course, the student should be able to:

- understand how nanotechnological approaches can be used in biomedical therapies
- understand biomaterials and interaction of biomaterials with cells, body fluids and tissues
- understand basic stem cell biology and corresponding requirement for tissue engineering
- understand the need, obstacles and solutions for polymeric, lipidous and solid nanosized drug delivery systems
- understand the toxicological aspects of nanosized surfaces and particles
- find, refer and evaluate available information

## Registration Form

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date:

Signature of the Applicant:

Signature of Head of Organization



Registration Fee:

Registration is free of cost. Registration form should be submitted on or before 18-10-2019



JAYAMUKHI EDUCATIONAL SOCIETY  
**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : Workshop on Nanomedicine and Nano Formulations  
**Duration** : 30 Hours  
**Date of Commencement** : 21-10-2019 to 26-10-2019  
**Course Co-ordinator** : Ms. M. Nirmala & Ms. P. Anusha

**CURRICULUM:**

- Topic 1: Targeting strategies in drug delivery, Approaches for in vivo nanoparticle delivery, Targeting agents in drug delivery
- Topic 2: Strategies for controlled drug delivery such as Thermo-responsive release, Enzyme responsive release and pH responsive release
- Topic 3: Challenges in the use of nano formulations for drug delivery
- Topic 4: Nanoparticulate and their applications in drug delivery
- Topic 5: Characteristics of Nanomedicine and nanoformulations
- Topic 6: Nanosimilars and Regulatory aspects
- Topic 7: Polymeric systems for Drug and Gene delivery
- Topic 8: Nanotechnology-based advanced therapeutics such as Photothermal therapy, Ultrasound-mediated therapy, Acoustic cavitation therapy, delivery for gene therapy and Vaccines delivery
- Topic 9: Nanotechnology-based Theranostics
- Topic 10: Nano-toxicity
- Topic 11: Combinational chemotherapy through nanomedicine



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



**Schedule**

Dates	Session-I (09:30 AM-11:00 AM)	Session-II (11:00 AM- 12:30 PM)	Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)
21-10-2019	Introduction to nano-technology, nanomedicine and nano formulations(Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Targeting strategies in drug delivery(Dr. Y. Sravan Kumar, Vaagdevi College of Pharmacy)	Approaches for in vivo nanoparticle delivery (Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Targeting agents in drug delivery (Ms. M. Nirmala, Jayamukhi College of Pharmacy)
22-10-2019	Strategies for controlled drug delivery such as Thermo-responsive release, Enzyme responsive release and pH responsive release(Dr. M. Radhakishan, Vaagdevi Institute of Pharmaceutical Sciences)		Challenges in the use of nano formulations for drug delivery(Dr. B. Chandra Shekar Reddy, Vaagdevi Pharmacy College)	
23-10-2019	Nanoparticulate and their applications in drug delivery (Dr. Y. Sravan Kumar, Vaagdevi College of Pharmacy)		Characteristics of Nanomedicine (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)	Characteristics of nano formulations (Ms. P. Anusha, Jayamukhi College of Pharmacy)
24-10-2019	Nano-similar and Regulatory aspects (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)	Polymeric systems for Drug delivery(Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Polymeric systems for Gene delivery(Dr. Y. Sravan Kumar, Vaagdevi College of Pharmacy)	Stability testing of nanoparticles(Mr. A. Kiran Kumar, Sahasra Institute of Pharmaceutical Sciences)
25-10-2019	Nanotechnology-based advanced therapeutics (Dr. M. Radhakishan, Vaagdevi Institute of Pharmaceutical Sciences)		Nano-toxicity (Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Nano-ethics (Mr. A. Kiran Kumar, Sahasra Institute of Pharmaceutical Sciences)
26-10-2019	Nanotechnology-based Theranostics (Dr. B. Chandra Shekar Reddy, Vaagdevi Pharmacy College)		Combinational chemotherapy through nanomedicine (Ms. M. Nirmala, Jayamukhi College of Pharmacy)	Future perspectives of Nanomedicine and Nano Formulations (Ms. P. Anusha, Jayamukhi College of Pharmacy)

Lunch (12:30 PM-1:30 PM)



*S. Kumar*

*Principal*  
Jayamukhi College  
Narsampet



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

Certificate will be issued to the students who have minimum of 75% attendance along with 60% marks in exam conducted in the form of Multi choice questions



*S. G.*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course on Nanomedicine and Nano-formulations

Date: 21-10-2019 to 26-10-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	35319-6001	KasamChandhana
2.	35319-6002	ThipparapuVineela
3.	35319-6003	PolneniPramatha
4.	35319-6004	Martha Nagarani
5.	35319-6005	Gandla Niharika
6.	35319-6006	GaddamediManasa
7.	35319-6008	BodigeHarshitha
8.	35319-6010	MaramDivya
9.	35319-6011	Kummari Raju
10.	35319-6014	BodakuntlaRamyasri
11.	35319-6016	Kurra Ramya
12.	35319-6017	Masna Vaishnavi
13.	35319-6018	Kasarapu Rekha
14.	35319-6019	Jangili Shiva
15.	35319-6021	Kodari Ajay
16.	35319-6022	Velpula Naresh
17.	35319-6023	Kanneboina Karthik
18.	35319-6025	Kadari Sunder
19.	35319-6027	MaraviSavithri
20.	35319-6028	Munigela Keerthi
21.	35319-6030	Thatikayala Prashanth
22.	35319-6031	Mothukuri Vanaja
23.	35319-6032	Ajmeera Suresh
24.	35319-6033	RamatenkiDivya



*Ste...*

Principal  
Jayamukhi College  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course on Nanomedicine and Nano-formulations

Date: 21-10-2019 to 26-10-2019

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	35319-6001	Kasam Chandhana	Chandhana
2.	35319-6002	Thipparapu Vineela	Vineela
3.	35319-6003	Polneni Pramatha	Pramatha
4.	35319-6004	Martha Nagarani	Nagarani
5.	35319-6005	Gandla Niharika	Niharika
6.	35319-6006	Gaddamedi Manasa	Manasa
7.	35319-6008	Bodige Harshitha	Harshitha
8.	35319-6010	Maram Divya	Divya
9.	35319-6011	Kummari Raju	Raju
10.	35319-6014	Bodakuntla Ramyasri	Ramyasri
11.	35319-6016	Kurra Ramya	Ramya
12.	35319-6017	Masna Vaishnavi	Vaishnavi
13.	35319-6018	Kasarapu Rekha	Rekha
14.	35319-6019	Jangili Shiva	Shiva
15.	35319-6021	Kodari Ajay	Ajay
16.	35319-6022	Velpula Naresh	Naresh
17.	35319-6023	Kanneboina Karthik	Karthik
18.	35319-6025	Kadari Sunder	Sunder
19.	35319-6027	Maravi Savithri	Savithri
20.	35319-6028	Munigela Keerthi	Keerthi
21.	35319-6030	Thatikayala Prashanth	Prashanth
22.	35319-6031	Mothukuri Vanaja	Vanaja
23.	35319-6032	Ajmeera Suresh	Suresh
24.	35319-6033	Ramatenki Divya	Divya



*Seema*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

## Workshop on "Nanomedicine and Nano-formulations"

### *Certificate of Participation*

This is to certify that Mr./Ms. K. AJAY has participated in workshop on "Nanomedicine and Nano-formulations", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 21-10-2019 to 26-10-2019.

i

**Principal**  
**Dr. S. Vasudeva Murthy**

**Coordinator**  
**Ms. M. Nirmala**

**Coordinator**  
**Ms. P. Anusha**

*Principal*  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### LEARNING OUTCOMES:

After course completion, the student should:

- Explain and discuss advantages and challenges with nanomaterials in medical and pharmaceutical applications
- Describe transport mechanisms as well as passive and active targeting that control uptake of nano-based drug delivery systems via different administration routes
- Describe and critically evaluate different types of nanovehicles and nanocarriers as well as their use in nanomedicine for disease diagnosis and therapy
- Account for toxic, pharmacokinetic and regulatory aspects for the development of nano-based drug delivery system.



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

Workshop on Nanomedicine and Nano Formulations was conducted for B. Pharmacy Second year students. The course focused on uses of nanotechnology in therapy. In detail, the course covered clinical biomaterials, biocompatibility issues, tissue engineering including stem cells, and higher order structuring of engineered tissues. Furthermore, the course will cover nanoscale advanced drug delivery systems fundamentals, design, synthesis, and uses. In addition, environmental, physiological, cellular and molecular toxicological limitations of industrially encountered nanoparticles were covered. Owing to the properties conferred by the nanoscale, the challenges for nanotechnology implementation, specifically in the pharmaceutical development of new drug products and respective regulatory issues are critically discussed. In conclusion, concerns about the recent uses and projected advancements are discussed. The students received detailed information about the way that nanomedicines work, from disease diagnosis through disease therapy. 24 out of 29 registered students completed the course.



**Principal**  
Jayamukhi College of Pharm  
Narsampet-506 332



### About the institution

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

### Organizing Committee

- Chief Patron: Dr. Ch. Devender Reddy
- Patron: Shri. T.V.R.N. Reddy
- Convener: Prof. S. Vasudeva Murthy
- Coordinator: Ms. T. Smitha
- Dr. Md. Rasood



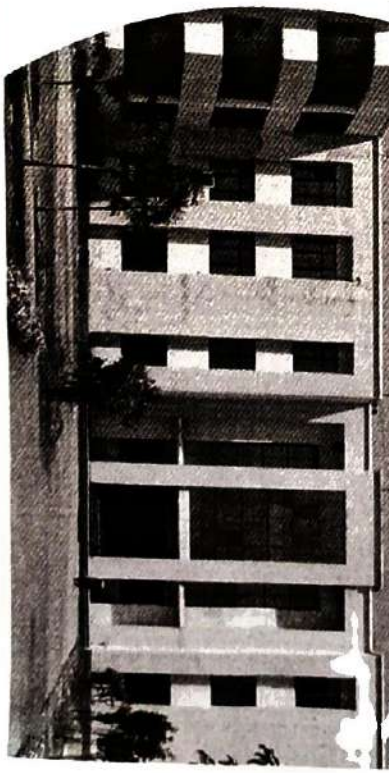
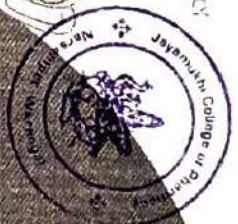
# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal

## Certificate Course on Functional Food and Nutraceuticals

04-11-2019 to 09-11-2019

Pharm.D 2nd Year . . . . .







# Registration Form



## About the course:

This certification program covers health-promoting nutrients and bioactive components, as well as their possible health applications and mechanisms of action. The student will be able to describe what functional foods and nutraceuticals are, classify functional foods, discuss the potential health applications and mechanisms of functional foods, and discuss the industry applications of functional foods after completing this certificate course.

## Course layout

- Introduction to Functional Foods and Nutraceuticals
- Introduction to Probiotics, Prebiotics and Synbiotics
- Health Effects of Probiotic Microorganisms
- Introduction to Anti-nutritional Factors,
- An introduction to Active Biodynamic Principles in Spices, Condiments and Plant extracts
- Non-Nutrient Effect of Specific Nutrients

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

### Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant.

• • • • •  
• • • • •  
• • • • •

Signature of Head of Organization

## Registration Fee

Registration form along with

registration fee of Rs.100/- on or before 02-11-2019



*K. Srinivasulu Reddy*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

<b>Title of the course</b>	<b>: Certificate Course on Functional Food and Nutraceuticals</b>
<b>Duration</b>	<b>: 30 Hours</b>
<b>Date of Commencement</b>	<b>: 04-11-2019 to 09-11-2019</b>
<b>Course Co-ordinator</b>	<b>: Ms. T. Smitha &amp; Dr. Md. Rasaad</b>

### CURRICULUM:

### CURRICULUM:

- **Functional Food and Nutraceuticals:** Definition, history, types and classification. Perceived effect of diet on disease prevention. Understanding benefits of functional foods and nutraceuticals
- **Probiotics:** Taxonomy and important features of probiotic micro-organisms. Health effects of probiotics including mechanism of action. Probiotics in various foods: fermented milk products, non-milk products etc. Quality Assurance of probiotics and safety.
- **Prebiotics:** Definition, chemistry, sources, metabolism and bioavailability, effect of processing, physiological effects, effects on human health and potential applications in risk reduction of diseases. Perspective for food applications for the – non-digestible carbohydrates/oligosaccharides, Dietary fibre, Resistant starch, Gums.
- **Perspective for food applications:** for the Polyphenols, Proteins, Peptides and nucleotides, Conjugated linoleic acid and n-3 fatty acids, Vitamins and Minerals.
- **Role in Health and Treatment of Disease:** Nutraceuticals and Functional foods in Gastrointestinal disorder, Cancer, CVD, Diabetic Mellitus; Importance and function of probiotics, prebiotics and synbiotics and their applications, Functional foods and immune competence; role and use in obesity and nervous system disorders
- Effect of processing, storage and interactions of various environmental factors on the potential of nutraceuticals.
- Regulatory Aspects: FSSAI, FDA, FPO, MPO, AGMARK. HACCP and GMPs on Food Safety. Adulteration of foods.



*S. V. Principal*  
Jayamukhi College of Pharmacy  
Narsampet-506 332

- Pharmacopeial Specifications for dietary supplements and nutraceuticals.
- Introduction to Anti-nutritional Factors
- Active Biodynamic Principles in Spices, Condiments and Plant extracts
- Non-Nutrient Effect of Specific Nutrients.



*S. Srinivas*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

## SCHEDULE

Dates	Session-I (09:30 AM-11:00 AM)	Session-II (11:00 AM -12:30 PM)	<b>Lunch (12:30 PM-1:30 PM)</b>		Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)	
24-09-2018	Basic concepts of nutraceuticals (Ms. Ch. Vijitha, Vaagdevi College, Bollikunta)	Understanding benefits of functional foods and nutraceuticals (Mr. M. Anil Jayamukhi College of Pharmacy)			Antioxidants: Fundamentals, Food Application, and Health Effects (Dr. Ch. Praveena, Jayamukhi Institute of Pharmaceutical Sciences)	Prebiotics and Probiotics (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)	
25-09-2018	Health effects of probiotics including mechanism of action. Probiotics in various foods (Dr. Ch. Srinivas Reddy, Vaagdevi College of Pharmacy)	Quality Assurance of probiotics and safety (Ms. S. Anusha, Jayamukhi College of Pharmacy)					26-09-2018
27-09-2018	Perspective for food applications for the Polyphenols, Proteins, Peptides and nucleotides, Conjugated linoleic acid and n-3 fatty acids, Vitamins and Minerals. (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)				Anti-nutritional Factors (Dr. Ch. Praveena, Jayamukhi Institute of Pharmaceutical Sciences)	Regulatory Aspects: FSSAI, FDA, FPO, MPO, AGMARK, HACCP and GMPs on Food Safety, Adulteration of foods (Dr. M. Radhakishan, Vaagdevi Institute of Pharmaceutical Sciences)	
28-09-2018	Effect of processing, storage and interactions of various environmental factors on the potential of nutraceuticals. (Dr. K. Srinivas Reddy)	Global Scenario of Nutraceuticals (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)					
29-09-2018	Marketing and sales of Nutraceuticals (Ms. Ch. Vijitha, Vaagdevi College, Bollikunta)	Industrial applications of Nutraceuticals (Ms. T. Smitha, Jayamukhi College of Pharmacy)		Marketing and Regulatory Issues for Functional Foods and Nutraceuticals (Mr. Md. Wajid, Jayamukhi Institute of Pharmaceutical Sciences)	Non-Nutrient Effect of Specific Nutrients (Mr. G. Anil Kumar, Jayamukhi College of Pharmacy)		



  
**Jayamukhi Institute of Pharmaceutical Sciences**  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

The certificates were issued to only those participants who attended the program with a minimum of 80% attendance and scored an overall grade of 60% in the assessments/assignments conducted during the course.



**Principal**

Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course on Functional Food and Nutraceuticals

Date: 04-11-2019 to 09-11-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	19353D1001	Yadala Kavya Sri
2.	19353D1002	HajiraUmmayAiman
3.	19353D1003	Amma Kiran
4.	19353D1004	Margam Nishanth
5.	19353D1005	Lakshetty Priyanka
6.	19353D1006	BonaganiManasa
7.	19353D1007	Karengula Kaveri
8.	19353D1008	SandyaRani.G
9.	19353D1009	Vankudothu Ganapathi
10.	19353D1010	Kaluri Aishwarya



*Principal*  
Jayamukhi College of Pharmacy,  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## FUNCTIONAL FOOD & NUTRACEUTICALS

### LIST OF PHARM.D 2<sup>nd</sup> YEAR STUDENTS ENROLLED

S. no	Hall ticket numbers	Name of the Students	Signatures
1	19353d1001	Yadala Kavya Sri	Y. Kavya Sri
2	19353d1002	Hajira Ummay Aiman	Hajira Ummay Aiman
3	19353d1003	Amma Kiran	Kiran
4	19353d1004	Margam Nishanth	M. Nishanth
5	19353d1005	Lakshetty Priyanka	Priyanka
6	19353d1006	Bonagani Manasa	B. Manasa
7	19353d1007	Karengula Kaveri	Kaveri
8	19353d1008	Sandya Rani.G	G. Sandya Rani
9	19353d1009	Vankudothu Ganapathi	Ganapathi
10	19353d1010	Kaluri Aishwarya	K. Aishwarya

Name and Signature of Coordinator:

Name and Signature of Principal:



*Principal*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

## Certificate Course on "Functional Food and Nutraceuticals" *Certificate of Completion*

This is to certify that Mr./Ms. Hajira Umayy Ameen ha  
successfully completed Certificate Course on "Functional Food an  
Nutraceuticals", organized by Jayamukhi College of Pharmacy, Narsampe  
Warangal from 04-11-2019 to 09-11-2019.

Coordinator  
Ms. T. Smitha

Coordinator  
Dr. Md. Rasad



*Kamini*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet: 506 332

Principal  
Dr. S. Vasudeva Murthy





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## LEARNING OUTCOMES:

Upon completing this course, the students were able to:

- Describe components of nutraceutical and functional foods
- Evaluate the standards of evidence required for efficacy and safety assessment of nutraceutical and functional foods
- The course enables students to understand the functional food concept as related to ingredient efficacy and safety
- In addition, it familiarizes students with: examples of bioactive ingredient-disease relationships and the importance of clinical study support
- Explain the regulatory aspects of functional foods; and requirements for standards of evidence of efficacy for health claims; and market determinants of the functional food industry.



  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

For Pharm. D second-year students, a certificate programme in functional food and nutraceuticals was provided that covered health-promoting dietary components and bioactive elements, their potential health effects, and their mechanisms of action. Overall, this program discusses nutraceuticals/functional foods/food supplements (broadly including probiotics, prebiotics, synbioitcs, phytochemicals etc.), especially the need for consuming appropriate diets, health issues surrounding failure to adhere to the known healthy eating models, development of new nutraceuticals/functional foods/food supplements with novel health benefits, elucidation mechanisms of action of these products, development of study systems such as in-vitro co-culture cell models. The complete spectrum of dietary supplements was thoroughly discussed. 10 of the 10 students who signed up for the course and completed it received certificates.

*S/o*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



## ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.



**Who can attend?**  
Students of B. Pharmacy Pharm.D  
and M. Pharmacy (Pharmacology &  
Pharmaceutics)



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



## Add on Course on Soft Skills and Personality Development

20-11-2019 to 07-12-2019

*[Signature]*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 372



## Objectives

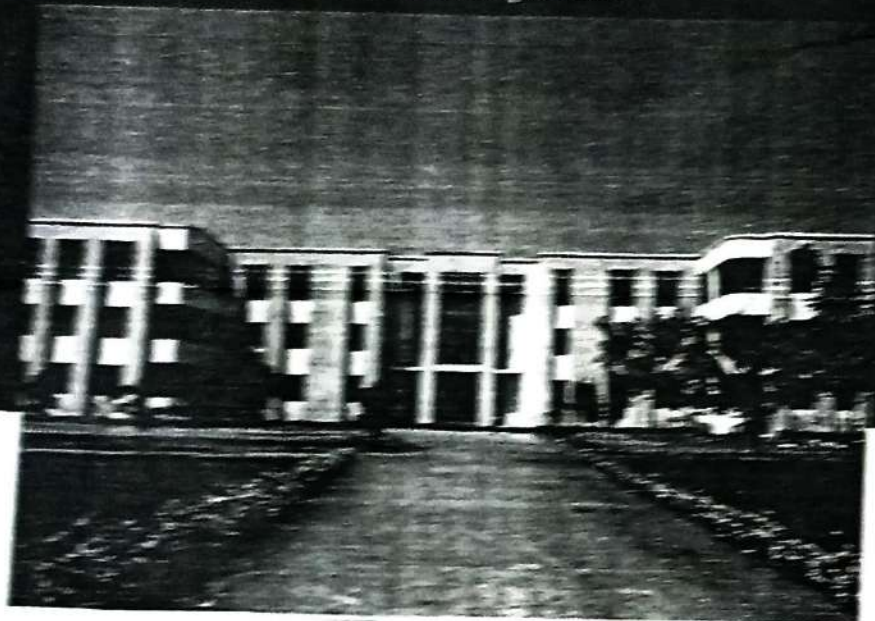


Personality Development means enhancing our personality in a way so that it becomes attractive in every manner to everyone. The goal of personality development training is to develop your overall personality professionally, personally, economically, and emotionally.

It aims to strengthen your strong areas and improvise your weak areas to boost your confidence level both internally and externally.

The main objectives of the course are:

- To develop personality
- To inculcate positive thinking
- To develop life skills
- To inculcate employability skills
- To inculcate entrepreneurship skills



## Organizing Committee:

Chief Patron: Dr. G. Venkatesh Reddy

Patron: Sri. J. S. R. V. Reddy

Convener: Prof. S. Vasudha Murthy

Coordinators: Dr. G. Hemalatha

Mr. M. Anil

## Registration Form

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant. \_\_\_\_\_

Signature of Head of Organization \_\_\_\_\_

Registration Fee:

Registration is free of cost. Registration form should be submitted on or before 18.11.2019



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 532, (T.S)

<b>Title of the course</b>	<b>: Add on Course on Soft Skills and Personality Development</b>
<b>Duration</b>	<b>: 30 Hours</b>
<b>Date of Commencement</b>	<b>: 20-11-2019 to 07-12-2019</b>
<b>Course Co-ordinator</b>	<b>: Dr. G. Hemalatha &amp; Mr. M. Anil</b>
<b>Time</b>	<b>: Forenoon Session 12.00 PM to 01:00 PM Afternoon Session 04:00 PM to 05:00 PM</b>

## **CURRICULUM:**

- Module – I Interpersonal Skills: Interpersonal Skills to possess; How to develop Interpersonal Skills; Public Speaking & Interpersonal Skills; What are Personal Skills; Important Interpersonal Qualities; Knowing Intercultural Skills
- Module – II Social Skills: Appropriate and contextual use of language- non-verbal communication- interpersonal skills- problem solving.
- Module – III Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.
- Module – IV Presentation skills: Group discussion- mock Group Discussion using video recording – public speaking.
- Module – V Management Skills: Managing Time and Beating Procrastination, Managing People: Leading and Working with Team (Co-ordination and Co-operation); Developing Accountability, Commitment and Responsibility; Behaving Conscientiously, Managing Stress and Maintaining Positive Outlook
- Module – VI Professional skills: Organisational skills- team work- business and technical correspondence- job oriented skills-professional etiquettes.
- Module – VII Assertiveness: How to express assertiveness; How can you be assertive; How to deal with Non-assertive; Why is assertiveness important; characteristics of assertiveness; Principles of assertiveness; Types of Behaviour



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 532

### Schedule

Dates	Topic (Resource Person)	Resource Person
18-01-2019 to 19-01-2019	Interpersonal Skills: Interpersonal Skills to possess; How to develop Interpersonal Skills; Public Speaking & Interpersonal Skills; What are Personal Skills; Important Interpersonal Qualities; Knowing Intercultural Skills	Prof. G. Krishna Murthy (Jayamukhi Institute of Management Sciences)
21-01-2019 to 23-01-2019	Social Skills: Appropriate and contextual use of language- non-verbal communication- interpersonal skills- problem solving.	Prof. P. Rangaiah (Jayamukhi Institute of Technological Sciences)
24-01-2019 to 25-01-2019	Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)
28-01-2019 to 30-01-2019	Presentation skills: Group discussion- mock Group Discussion using video recording – public speaking.	Mr. Syeda Viqar Malik (Prasad Engineering College)
31-01-2019 to 01-02-2019	Management Skills: Managing Time and Beating Procrastination, Managing People: Leading and Working with Team (Co-ordination and Co-operation); Developing Accountability, Commitment and Responsibility; Behaving Conscientiously, Managing Stress and Maintaining Positive Outlook	Ms. Farheen (Christu Jyothi Institute of Technology and Science)
02-02-2019 to 04-02-2019	Professional skills: Organisational skills- team work- business and technical correspondence- job oriented skills-professional etiquettes	Dr. S. Manoj Babu (Jayamukhi College of Pharmacy)
05-02-2019 to	Assertiveness: How to express assertiveness; How can you be assertive;	Prof. Y. Madhusudhan Rao (Vaagdevi Institute of



*S. Manoj*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

06-02-2019	How to deal with Non-assertive; Why is assertiveness important; characteristics of assertiveness; Principles of assertiveness; Types of Behaviour	Pharmaceutical Sciences)
------------	---	--------------------------



*S. Venkatesh*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 337



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Assessment:

An 75% of attendance is compulsory for certificate.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Add on Course on Soft Skills and Personality Development

Date: 20-11-2019 to 07-12-2019

### List of Participants

S. No	Hall ticket Number	Name of the Student
1.	35320-6001	MuthyamAkhila
2.	35320-6002	Sriramula Manisha
3.	35320-6003	DonthiRuchitha
4.	35320-6004	DasaramDivya Sri
5.	35320-6005	Chukka Shiva
6.	35320-6006	Kathi Amulya
7.	35320-6007	Medishetty Sruthi
8.	35320-6008	Errabothula Shwetha
9.	35320-6009	ThogaruHimabindhu
10.	35320-6010	Kanukuntla Mani Chandana
11.	35320-6011	Kotha Bhavana
12.	35320-6012	Gangula Lokesh
13.	35320-6013	Kota Anusha
14.	35320-6014	RampakaPraveena
15.	35320-6015	GadheLeenasri
16.	35320-6016	Karedla Anusha
17.	35320-6017	Maloth Anusha
18.	35320-6018	KandakatlaTejasri
19.	35320-6019	Danthala Varun Kumar
20.	35320-6020	Allepu Kavya
21.	35320-6024	Ambati Priya
22.	35320-6025	Dyagala Bhanu Priya
23.	35320-6026	KameraSriharika
24.	35320-6027	JanagamRuchitha
25.	35320-6028	Boda Prashanth
26.	35320-6029	Enumula Pranitha
27.	35320-6030	Durgam Ramya
28.	35320-6031	Jarpula Mohan
29.	35320-6032	Saba Tamkeen
30.	35320-6033	Damera Akash
31.	35319-6029	Madasu Jaya Prakash
32.	35319-6001	KasamChandhana
33.	35319-6002	ThipparapuVineela
34.	35319-6003	PolneniPramatha
35.	35319-6004	Martha Nagarani



*(Handwritten signature)*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 352

36.	35319-6005	Gandla Niharika
37.	35319-6006	GaddamediManasa
38.	35319-6007	Mondeddula Deepika
39.	35319-6008	BodigeHarshitha
40.	35319-6012	Mohammad Nazia
41.	35319-6014	BodakuntlaRamyasri
42.	35319-6016	Kurra Ramya
43.	35319-6021	Kodari Ajay
44.	35319-6022	Velpula Naresh
45.	35319-6023	Kanneboina Karthik
46.	35319-6025	Kadari Sunder
47.	35319-6026	Pittala Jyothi
48.	35319-6027	MaraviSavithri
49.	35319-6028	Munigela Keerthi
50.	35319-6031	Mothukuri Vanaja
51.	35319-6032	Ajmeera Suresh
52.	35318-6011	Keshapaka Harish
53.	35318-6001	Chitte Rachana
54.	35318-6003	Kerla Ranjith
55.	35318-6004	Nimmathi Deepika
56.	35318-6005	Banoth Suman
57.	35318-6007	MadathaManasa
58.	35318-6008	Kasoju Sravan Kumar
59.	35318-6012	Amma Divya
60.	35318-6013	PendyalaSankeerthana
61.	35318-6016	Shameem Sulthana
62.	35318-6019	Kola Madhuri
63.	35318-6021	Muzaffar Ameera
64.	35318-6022	OramgantiVineela
65.	35318-6023	Uppu Swathi
66.	35318-6026	Bairaboina Ganesh
67.	35318-6028	GullepelliPoojasri
68.	35318-6030	Regalla Mamatha
69.	35318-6032	Dameruppula Archana
70.	35318-6035	Polaboina Mahalaxmi
71.	35318-6036	Nalla Sai Kiran
72.	35318-6037	Kakkerla Sushma Swaraj
73.	35317-6001	VangalaSindhuja
74.	35317-6002	Mahammad Amreensuluthana
75.	35317-6003	Ega Gouthami
76.	20353D1001	Fathima Buthul
77.	20353D1002	BoddulaMahathi
78.	20353D1003	Syed Heena Samreen
79.	20353D1004	Iruvala Ajay
80.	20353D1005	BojjamShravani
81.	20353D1006	ArendulaNavya
82.	20353D1007	Kotha Neha
83.	20353D1008	DevarakondaAkshitha



*(Handwritten signature)*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

84.	20353D1009	Alladi Sravani
85.	20353D1010	Cuguloth Saikumar
86.	20353D1011	Jannu Vishwa Sindhu
87.	20353D1012	Asfiya Meensaz
88.	20353D1013	Hoddu Manasa
89.	20353D1014	Kashetti Sravya
90.	20353D1015	Lingala Amrutha
91.	19353D1001	Yadala Kavya Sri
92.	19353D1005	Lakshetty Priyanka
93.	19353D1006	Bonagani Manasa
94.	19353D1007	Karengula Kaveri
95.	19353D1008	Sandya Rani G
96.	19353D1009	Vankudothu Ganapathi
97.	19353D1010	Kaluri Aishwarya
98.	18353D1001	Namilikonda Himaja
99.	18353D1002	Donthula Ianish
100.	18353D1003	Mydam Akhil Kumar
101.	18353D1004	Panjala Navya
102.	18353D1005	Mohd Yaseen
103.	18353D1006	Gopagani Prathyusha
104.	18353D1007	Pilli Yeshasvi
105.	18353D1008	Rudroju Nikhila
106.	18353D1009	Poshaboina Navya
107.	17353D1011	Gorre Chidvilash
108.	17353D1001	Juveria Nousheen
109.	17353D1002	Akula Divyasri
110.	17353D1003	Banoth Subhadra
111.	17353D1004	Vardelly Sravanthi
112.	17353D1005	Nallagonda Hemika
113.	17353D1006	Geetanjali Sharma
114.	17353D1007	Kolipaka Supriya
115.	17353D1008	Maneesha Vemireddy
116.	17353D1009	Nasagoni Prasanna Pragna
117.	17353D1010	Vadla Maniteja
118.	17353D1012	Allam Rukveshwar
119.	17353D1013	Durgam Manjula
120.	17353D1014	Masna Sainaresh
121.	17353D1015	Mohammed Shabna
122.	17353D1016	Mohammed Shareefatulla
123.	17353D1017	Sayyed Rubeenavahab
124.	17353D1018	Afreen Tharunam
125.	17353D1019	Mohammad Samreen
126.	20353P1001	Venumuddala Humpy
127.	20353P1003	Polepangu Nagarani
128.	20353P1004	Kotta Sandeep
129.	20353P1005	Aruri Naveen
130.	20353P1006	Juluri Himabindu
131.	20353P1007	Yara Manasa



*[Signature]*  
Jayaramkhi College of Pharmacy  
Narsampet-506 322

132.	20353P1009	Birru Mounika
133.	20353P1010	MakulaRashi
134.	20353P1011	VadlakondaTharun
135.	20353P1012	ErpaNagamani
136.	20353P1013	Reshma Nazz
137.	20353P1014	ArdhalaPruthvi Raj



*[Handwritten signature]*

**Principal**  
Jayamukti College of Pharmacy  
Narsambet-506 337



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Add on Course on Soft Skills and Personality Development

Date: 20-11-2019 to 07-12-2019

### List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	35320-6001	Muthyam Akhila	Akhila
2.	35320-6002	Sriramula Manisha	Manisha
3.	35320-6003	Donthi Ruchitha	Ruchitha
4.	35320-6004	Dasaram Divya Sri	D. Divya Sri
5.	35320-6005	Chukka Shiva	Shiva
6.	35320-6006	Kathi Amulya	Amulya
7.	35320-6007	Medishetty Sruthi	Sruthi
8.	35320-6008	Errabothula Shwetha	Shwetha
9.	35320-6009	Thogaru Himabindhu	Himabindhu
10.	35320-6010	Kanukuntla Mani Chandana	K. Mani Chandana
11.	35320-6011	Kotha Bhavana	Bhavana
12.	35320-6012	Gangula Lokesh	G. Lokesh
13.	35320-6013	Kota Anusha	Anusha
14.	35320-6014	Rampaka Praveena	Praveen
15.	35320-6015	Gadhe Leenasri	Leenasri
16.	35320-6016	Karedla Anusha	Anusha
17.	35320-6017	Maloth Anusha	Anusha
18.	35320-6018	Kandakatla Tejasri	Tejasri
19.	35320-6019	Danthala Varun Kumar	Varun Kumar
20.	35320-6020	Allepu Kavya	Kavya
21.	35320-6024	Ambati Priya	A. Priya
22.	35320-6025	Dyagala Bhanu Priya	Bhanu Priya
23.	35320-6026	Kamera Sriharika	Sriharika
24.	35320-6027	Janagam Ruchitha	Ruchitha
25.	35320-6028	Boda Prashanth	B. Prashanth
26.	35320-6029	Enumula Pranitha	Pranitha
27.	35320-6030	Durgam Ramya	Ramya
28.	35320-6031	Jarpula Mohan	Mohan
29.	35320-6032	Saba Tamkeen	Tamkeen
30.	35320-6033	Damera Akash	Akash
31.	35319-6029	Madasu Jaya Prakash	Jaya Prakash
32.	35319-6001	Kasam Chandhana	Chandhana
33.	35319-6002	Thipparapu Vineela	Vineela
34.	35319-6003	Polneni Pramatha	Pramatha
35.	35319-6004	Martha Nagarani	Nagarani
36.	35319-6005	Gandla Niharika	Niharika



  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

37.	35319-6006	Gaddamedi Manasa	Manasa
38.	35319-6007	Mondeddula Deepika	Deepika
39.	35319-6008	Bodige Harshitha	Harshitha
40.	35319-6012	Mohammad Nazia	Nazia
41.	35319-6014	Bodakuntla Ramyasri	Ramyasri
42.	35319-6016	Kurra Ramya	Ramya
43.	35319-6021	Kodari Ajay	Ajay
44.	35319-6022	Velpula Naresh	Naresh
45.	35319-6023	Kanneboina Karthik	Karthik
46.	35319-6025	Kadari Sunder	Sunder
47.	35319-6026	Pittala Jyothi	Jyothi
48.	35319-6027	Maravi Savithri	Savithri
49.	35319-6028	Munigela Keerthi	Keerthi
50.	35319-6031	Mothukuri Vanaja	Vanaja
51.	35319-6032	Ajmeera Suresh	Suresh
52.	35318-6011	Keshapaka Harish	Harish
53.	35318-6001	Chitte Rachana	Rachana
54.	35318-6003	Kerla Ranjith	Ranjith
55.	35318-6004	Nimmathi Deepika	Deepika
56.	35318-6005	Banoth Suman	Suman
57.	35318-6007	Madatha Manasa	Manasa
58.	35318-6008	Kasoju Sravan Kumar	Sravan Kumar
59.	35318-6012	Amma Divya	A. Divya
60.	35318-6013	Pendyala Sankeerthana	Sankeerthana
61.	35318-6016	Shameem Sulthana	Sulthana
62.	35318-6019	Kola Madhuri	Madhuri
63.	35318-6021	Muzaffar Ameera	M. Ameera
64.	35318-6022	Oranganti Vineela	Vineela
65.	35318-6023	Uppu Swathi	Swathi
66.	35318-6026	Bairaboina Ganesh	Ganesh
67.	35318-6028	Gullepelli Poojasri	Poojasri
68.	35318-6030	Regalla Mamatha	Mamatha
69.	35318-6032	Dameruppula Archana	Archana
70.	35318-6035	Polaboina Mahalaxmi	Mahalaxmi
71.	35318-6036	Nalla Sai Kiran	Sai Kiran
72.	35318-6037	Kakkerla Sushma Swaraj	Sushma Swaraj
73.	35317-6001	Vangala Sindhuja	Sindhuja
74.	35317-6002	Mahammad Amreensuluthana	Amreensuluthana
75.	35317-6003	Ega Gouthami	Gouthami
76.	20353D1001	Fathima Buthul	Fathima
77.	20353D1002	Boddula Mahathi	Mahathi
78.	20353D1003	Syed Heena Samreen	Heena
79.	20353D1004	Iruvala Ajay	Ajay
80.	20353D1005	Bojjam Shravani	Shravani
81.	20353D1006	Arendula Navya	Navya
82.	20353D1007	Kotha Neha	Neha
83.	20353D1008	Devarakonda Akshitha	Akshitha



*S. S. S.*

Principal

Jayamukhi College of Pharmacy  
Narsampet-506 332

84.	20353D1009	Alladi Sravani	Sravani
85.	20353D1010	Guguloth Saikumar	Saikumar
86.	20353D1011	Jannu Vishwa Sindhu	Sindhu
87.	20353D1012	Asfiya Mecnaaz	Mecnaaz
88.	20353D1013	Boddu Manasa	Manasa
89.	20353D1014	Kashetti Sravya	Sravya
90.	20353D1015	Lingala Amrutha	Amrutha
91.	19353D1001	Yadala Kavya Sri	Kavya Sri
92.	19353D1005	Lakshetty Priyanka	Priyanka
93.	19353D1006	Bonagani Manasa	Manasa
94.	19353D1007	Karengula Kaveri	Kaveri
95.	19353D1008	Sandya Rani.G	Sandya
96.	19353D1009	Vankudothu Ganapathi	Ganapathi
97.	19353D1010	Kaluri Aishwarya	Aishwarya
98.	18353D1001	Namilikonda Himaja	Himaja
99.	18353D1002	Donthula Hanish	Hanish
100.	18353D1003	Mydam Akhil Kumar	Akhil
101.	18353D1004	Panjala Navya	Navya
102.	18353D1005	Mohd Yaseen	Yaseen
103.	18353D1006	Gopagani Prathyusha	Prathyusha
104.	18353D1007	Pilli Yeshasvi	Yeshasvi
105.	18353D1008	Rudroju Nikhila	Nikhila
106.	18353D1009	Poshaboina Navya	Navya
107.	17353D1011	Gorre Chidvilash	Chidvilash
108.	17353D1001	Juveria Nousheen	Nousheen
109.	17353D1002	Akula Divyasri	Divyasri
110.	17353D1003	Banoth Subhadra	Subhadra
111.	17353D1004	Vardelly Sravanthi	Sravanthi
112.	17353D1005	Nallagonda Hemika	Hemika
113.	17353D1006	Geetanjali Sharma	Geetanjali
114.	17353D1007	Kolipaka Supriya	Supriya
115.	17353D1008	Maneesha Vemireddy	Vemireddy
116.	17353D1009	Nasagoni Prasanna Pragna	Prasanna
117.	17353D1010	Vadla Maniteja	Maniteja
118.	17353D1012	Allam Rukveshwar	Rukveshwar
119.	17353D1013	Durgam Manjula	Manjula
120.	17353D1014	Masna Sainaresh	Sainaresh
121.	17353D1015	Mohammed Shabna	Shabna
122.	17353D1016	Mohammed Shareefatulla	Shareefatulla
123.	17353D1017	Sayed Rubeenavahab	Rubeenavahab
124.	17353D1018	Afreen Tharunam	Tharunam
125.	17353D1019	Mohammad Samreen	Samreen
126.	20353P1001	Venumuddala Humpy	Humpy
127.	20353P1003	Polepangu Nagarani	Nagarani
128.	20353P1004	Kotta Sandeep	Sandeep
129.	20353P1005	Aruri Naveen	Naveen
130.	20353P1006	Juluri Himabindu	Himabindu
131.	20353P1007	Yara Manasa	Manasa



*S. Srinivas*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

132.	20353P1009	Birru Mounika	Mounika
133.	20353P1010	Makula Ravhi	Ravi
134.	20353P1011	Vadlakonda Tharun	Tharun
135.	20353P1012	Erpa Nagamani	Nagamani
136.	20353P1013	Reshma Nazz	Nazz
137.	20353P1014	Ardhala Pruthvi Raj	Pruthvi Raj



  
 Principal  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY


**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Add on Course on "Soft Skills and Personality Development"**

*Certificate of Participation*

This is to certify that ~~Mr./Ms.~~ A. PRIYA has participated in Add on Course on "Soft Skills and Personality Development", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 20-11-2019 to 07-12-2019.

  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



  
Principal  
Dr. S. Vasudeva Murthy



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by ARTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPEI, Dist. Warangal - 506 332, (T.S)

## Learning Outcomes:

Participants were able to learn:

- Effective Communication Skills
- Positive Body Language
- Interpersonal Skills
- Professional Skills
- Management Skills
- Presentation Skills
- Effective Speaking Skills Develop Personality
- Inculcate positive thinking
- Inculcate employability skills
- Inculcate entrepreneurship skills



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

Add on Course on Soft Skills and Personality Development was conducted to all the students during tutorial hours. The course elucidated a basic awareness about the significance of soft skills in professional and inter-personal communications and facilitates an all-round development of personality. Hard or technical skills help securing a basic position in one's life and career. But only soft skills can ensure a person retain it, climb further, reach a pinnacle, achieve excellence, and derive fulfilment and supreme joy. Soft skills comprise pleasant and appealing personality traits as self-confidence, positive attitude, emotional intelligence, social grace, flexibility, friendliness and effective communication skills. Personality Development means enhancing our personality in a way so that it becomes attractive in every manner to everyone. The goal of personality development training is to develop your overall personality professionally, personally, economically, and emotionally. It aims to strengthen your strong areas and improvise your weak areas to boost your confidence level both internally and externally.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



## ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

## Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy

Patron: Shri. T.V.R.N. Reddy

Convener: Prof. S. Vasudeva Murthy

Coordinators: Mr. M. Rakesh

Mr. N Aravind Kumar



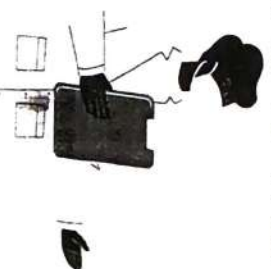
# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi

Affiliated to Kakatiya University, Warangal

## Certificate Course in Preventive Medicine

09-12-2019 to 14-12-2019



### About the Course:

This course focuses on the measures taken to prevent various communicable and non-communicable diseases, more than finding a cure for them, and promoting health in the society. The program is designed to equip candidates with an in-depth knowledge about various epidemiological principles and measures taken to promote health, outbreaks, investigation & prevention of diseases. The course offers education in medical services ranging from curative to rehabilitative health services as well as clinical sciences and biological sciences. One of the major objectives of the course is to provide patient-centered comprehensive primary health care including follow-up and referral.



**Who can attend?**  
**Students of Pharm.D**  
**3rd Year**

## Registration Form

Full Name: \_\_\_\_\_  
Hall Ticket No: \_\_\_\_\_  
Course: \_\_\_\_\_  
Year: \_\_\_\_\_  
Mobile: \_\_\_\_\_  
Email: \_\_\_\_\_

### Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant. \_\_\_\_\_

Signature of Head of Organization \_\_\_\_\_

### Registration Fee:

Registration is free of cost. Registration form should be submitted on or before

07-12-2019





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : **Certificate Course in Preventive Medicine**  
**Duration** : **30 Hours**  
**Date of Commencement** : **09-12-2019 to 14-12-2019**  
**Course Co-ordinator** : **Mr. M. Rakesh & Mr. N Aravind Kumar**

## CURRICULUM:

Topic 1: Understanding the concept of prevention and control of disease, social causes of diseases and social problems of the sick.

Topic 2: Food in relation to nutrition and health, Balanced diet, Nutritional deficiencies, Vitamin deficiencies, Malnutrition and its prevention.

Topic 3: Socio cultural factors related to health and disease.

Topic 4: Personal hygiene and health care; avoidable habits

Topic 5: General principles of prevention and control of diseases such as cholera, SARS, Ebola virus, influenza, acute respiratory infections, malaria, chicken guinea, dengue, lymphatic filariasis, pneumonia, hypertension, diabetes mellitus, cancer, drug addiction-drug substance abuse

Topic 6: National health programs, its objectives, functioning and outcome of the following: HIV AND AIDS control programme, TB, Integrated disease surveillance program (IDSP), National leprosy control programme, National mental health program, National programme for prevention and control of deafness, Universal immunization programme, National programme for control of blindness, Pulse polio programme.

Topic 7: National health intervention programme for mother and child, National family welfare programme, National tobacco control programme, National Malaria Prevention Program, National programme for the health care for the elderly, social health programme; role of WHO in Indian national program



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

Topic 8: Community services in rural, urban and school health: Functions of PHC, Improvement in rural sanitation, national urban health mission, Health promotion and education in school.

Topic 9: concepts in public health administration

Topic 10: International Health Regulations



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

**Schedule**

Dates	Session-I (09:30 AM-11:00 AM)	Session-II (11:00 AM- 12:30 PM)	Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)
09-12-2019	Understanding the concept of prevention and control of disease (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	Social causes of diseases and social problems of the sick (Dr. P. Santhosh Kumar, Jayamukhi College of Pharmacy)	Food in relation to nutrition and health. Balanced diet (Ms. M. Rama, Jayamukhi College of Pharmacy)	Nutritional deficiencies. Vitamin Malnutrition and its prevention (Mr. B. Thirupathi, Balaji Institute of Pharmaceutical Sciences)
10-12-2019	Socio cultural factors related to health and disease (Mr. B. Thirupathi, Balaji Institute of Pharmaceutical Sciences)	Personal hygiene and health care; avoidable habits (Ms. K. Jyothi, Jayamukhi College of Pharmacy)	General principles of prevention and control of infectious diseases-cholera, SARS, Ebola virus, influenza (Dr. E. Venkateshwarlu, Vaagdevi College of Pharmacy)	General principles of prevention and control of Pneumonia Hypertension, Diabetes and Cancer (Dr. B. Kalpana, Jayamukhi College of Pharmacy)
11-12-2019	Principles and management of drug addiction-drug substance abuse (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	General principles of prevention and control- acute respiratory infections, malaria, chicken guinea, dengue, lymphatic filariasis (Ms. K. Jyothi, Jayamukhi College of Pharmacy)	<b>Lunch (12:30 PM-1:30 PM)</b>	
National health programs, its objectives, functioning and outcome (Mr. B. Sharvana Bhava, Vaagdevi College of Pharmacy)				



*S. Sharvana*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-505



12-12-2019	National health intervention programme for mother and child, National family welfare programme (Dr. S. Manoj Babu, Jayamukhi College of Pharmacy)	National tobacco control programme, National Malaria Prevention Program Ms. T. Smitha, Jayamukhi College of Pharmacy)	National programme for the health care for the elderly, social health programme (Ms. A. Priyanka, Sahasra Institute of Pharmaceutical Sciences)	Concepts in public health administration (Ms. M. Rama, Jayamukhi College of Pharmacy)
13-12-2019	Primary health centre Functions of PHC, Improvement in rural sanitation (Dr. P. Usha sree, Jayamukhi College of Pharmacy)	National urban health mission (Ms. A. Priyanka, Sahasra Institute of Pharmaceutical Sciences)	Immunization and its importance (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	Health promotion and education in school and colleges (Dr. K. Srinivas, Vaagdevi College of Pharmacy)
08-07-2017	Occupational health and hazards (Dr. T. Ravichander, Vaagdevi Pharmacy College)	Principles of Counselling & Client satisfaction (Mr. B. Sharvana Bhava, Vaagdevi College of Pharmacy)	Addressing Road Traffic Injuries, Fall Related injuries, Drowning, Fire Related Injuries, Natural and Man Made and prevention and control. (Ms. A. Priyanka, Sahasra Institute of Pharmaceutical Sciences)	International Health Regulations (Mr. M. Rakesh, Jayamukhi College of Pharmacy)



*S. Venkatesh*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## ASSESSMENT:

Certificate will be provided to participants based on 80% attendance and on oral examination conducted at the end of the course.



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 352



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Certificate Course in Preventive Medicine

Date: 09-12-2019 to 14-12-2019

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	19353D1001	Yadala Kavya Sri
2.	19353D1002	HajiraUmmayAiman
3.	19353D1003	Amma Kiran
4.	19353D1004	Margam Nishanth
5.	19353D1005	Lakshetty Priyanka
6.	19353D1006	BonaganiManasa
7.	19353D1007	Karengula Kaveri
8.	19353D1008	SandyaRani.G
9.	19353D1009	Vankudothu Ganapathi
10.	19353D1010	Kaluri Aishwarya



*[Handwritten signature]*

Jayamukhi College of Pharmacy  
Narsampet-506 352



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course in Preventive Medicine

Date: 09-12-2019 to 14-12-2019

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	19353D1001	Yadala Kavya Sri	Kavya Sri
2.	19353D1002	Hajira Ummay Aiman	Ummay Aiman
3.	19353D1003	Amma Kiran	Kiran
4.	19353D1004	Margam Nishanth	Nishanth
5.	19353D1005	Lakshetty Priyanka	Priyanka
6.	19353D1006	Bonagani Manasa	Manasa
7.	19353D1007	Karengula Kaveri	Kaveri
8.	19353D1008	Sandya Rani.G	Sandya Rani
9.	19353D1009	Vankudothu Ganapathi	Ganapathi
10.	19353D1010	Kaluri Aishwarya	Aishwarya



  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course in "Preventive Medicine"

### *Certificate of Completion*

This is to certify that Mr./Ms. A. Rihan has successfully completed Certificate Course on "Preventive Medicine", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 09-12-2019 to 14-12-2019.

  
Coordinator

Mr. M. Rakesh

  
Coordinator

Mr. N. Aravind Kumar



  
Principal

Dr. S. Vasudeva Murthy

Principal

Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### LEARNING OUTCOMES:

Upon completing this course, the student will be able to:

- Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide.
- Have a critical way of thinking based on current healthcare development.
- Evaluate alternative ways of solving problems related to health and pharmaceutical issues
- Knowledge about the principles and practice of preventive medicine
- Develop skills to effectively educate and counsel patients and families using sound principles for changing patients' behaviours in order to promote and improve their health.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## SUMMARY:

Certificate Course in Preventive Medicine was conducted for Pharm.D third year students. Preventive medicine is the practice of promoting preventive health care to improve patient well-being. The goal is to ultimately prevent disease, disability, and death. This course dealt with the recommendations include screening for early detection, immunization, and chemoprophylaxis, as appropriate, for vascular diseases, cancer, metabolic disorders, infectious diseases, hematologic and ophthalmologic disorders, prenatal conditions, mental disorders, and substance abuse. In addition, the effectiveness of counselling to prevent tobacco use, improves exercise and nutrition practices, and prevent injuries. The curriculum gave participants in-depth knowledge of numerous epidemiological principles and strategies for promoting health, containing outbreaks, and preventing diseases. The course provided instruction in clinical sciences, biological sciences, and medical services ranging from curative to rehabilitative health services. Providing patient-centered comprehensive primary healthcare, including follow-up and referral, is one of the course's main goals. Ten candidates who registered for the course received certificates.



Principal  
Jayamukhi College of Pharmacy,  
Narsampet-506 332

## ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2004 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

## WORKSHOP CURRICULUM

1. Basic Principles of Laboratory Animal's Care & Management
2. Identification, Sources, and Different species of Laboratory Animals
3. Experimental techniques in Laboratory Animals
4. Patho-physiology of commonly occurring diseases and their preventive measures
5. Record keeping & Documentation
6. Animal Nutrition
7. Animals Ethics & Welfare



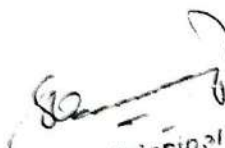
# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



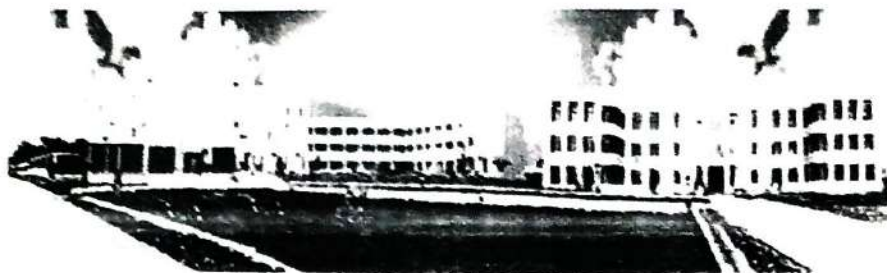
## CERTIFICATE COURSE ON CARE, MANAGEMENT OF LABORATORY ANIMALS & EXPERIMENTAL TECHNIQUES

06-01-2020 TO 11-01-2020

  
principal  
Jayamukhi College of Pharmacy  
Narsampet-506 002







## Registration Form

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date:

Signature of the Applicant.

Signature of Head of Organization

>>>>>>

## Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy

National Guest: T.V.R.N. Reddy

Convener: Prof. S. Vasudeva Murthy

Coordinator: Ms. Syeda Nishat Fathima

## Resource Person:

Renowned Academicians from this field are invited to deliver the lectures along with Hands-on training.



## Who can attend?

Students of M. Pharmacy Pharmacology First Year

## Registration Fee:

Registration is Free. Registration form should be submitted on or before 03-01-2020



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332 (T.S)

Title of the course	: Certificate Course on Care, Management of Laboratory Animals & Experimental Techniques
Duration	: 30 Hours
Date of Commencement	: 06-01-2020 to 11-01-2020
Course Co-ordinator	: Ms. Syeda Nishat Fathima

### COURSE CONTENT:

#### 1. Basic Principles of Laboratory Animal's Care & Management:

General introduction to research animals of various species, their biology and behaviour, basic laboratory animal husbandry practices, animal facility layout and functional units, general routine sanitation and hygiene practices, cleaning, washing and sterilization of animal cages, racks, and bedding etc.

#### 2. Breeding Techniques of different species of Laboratory Animals:

Basic introduction to different methods of breeding practices, inbreeding and out breeding, factors responsible for successful breeding of animals, setting and caring of breeding colonies, Breeding and management of transgenic, knockouts and other genetically modified animal models genetic characterization of animals etc.

#### 3. Experimental techniques in Laboratory Animals:

Hands on training on basic experimental techniques on laboratory animals like animal handling and restraining, routes of administration, sampling techniques, necropsy techniques, anaesthesia and euthanasia in animals etc.

#### 4. Patho-physiology of commonly occurring diseases and their preventive measures:

Basic introduction to common diseases observed in animals, implementation of health monitoring program and methodologies, prevention and treatment of diseases etc.

#### 5. Record keeping & Documentation:

Recording and upkeep of various records related to animal breeding, receipt, distribution and dispatch of animals, feed and bedding, disposal records etc.



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

**6. Animal Nutrition:**

Basic requirements of animal nutrition, preparation and formulation of animal feed (theory only), storage and distribution of animal feed etc.

**7. Animals Ethics & Welfare:**

Basic concepts on animal welfare and ethics, introduction to animal national and international regulations and guidelines related to animal welfare, preparation and designing animal experimental protocol, Institutional Animal Ethics Committee (IAEC) and its functionaries etc.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

**SCHEDULE:**

Dates	Session-I (09:30 AM-11:00 AM)	Resource Persons	
06-01-2020	Basic Principles of Laboratory Animal's Care & Management	<ul style="list-style-type: none"> <li>• Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)</li> <li>• Mr. Sharvana Bhava (Vaagdevi College of Pharmacy)</li> <li>• Dr. G. Thirupathi (Vaagdevi Institute of Pharmaceutical Sciences)</li> <li>• Dr. P. Girija (Vaagdevi College of Pharmacy)</li> <li>• Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)</li> <li>• Mr. B. Rakesh (Jayamukhi College of Pharmacy)</li> <li>• Ms. Syeda Nishat Fathima (Jayamukhi College of Pharmacy)</li> </ul>	<ul style="list-style-type: none"> <li>• Hands-on Training on Animal Handling (Rat/Mice/Guinea pigs, Rabbits)</li> <li>• Different Routes of administration of drugs to laboratory animals</li> </ul>
07-01-2020	Breeding Techniques of different species of Laboratory Animals		
08-01-2020	Experimental techniques in Laboratory Animals		
09-01-2020	Patho-physiology of commonly occurring diseases and their preventive measures (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)		
10-01-2020	Record keeping & Documentation		
11-01-2020	Animal Nutrition & Animals Ethics & Welfare		



*S. Vasudeva Murthy*

**Principal**  
Jayamukhi College of Pharmacy,  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

Participants will receive certificates if they complete the course with at least 80% attendance and score at least 60% on the summative assessment.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 552, (T.S)

### Certificate course on Care, Management of Laboratory Animals & Experimental Techniques

Date: 06-01-2020 to 11-01-2020

#### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	20353P1007	Yara Manasa
2.	20353P1008	K Shobha
3.	20353P1009	Birru Mounika
4.	20353P1010	MakulaRashi
5.	20353P1011	VadlakondaTharun
6.	20353P1012	ErpaNagamani
7.	20353P1013	Reshma Nazz
8.	20353P1014	ArdhalaPruthvi Raj



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
NARSAMPET, Dist. Warangal - 506 332, (T.S.)

## Certificate course on Care, Management of Laboratory Animals & Experimental Techniques

Date: 06-01-2020 to 11-01-2020

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	20353P1007	Yara Manasa	Manasa
2.	20353P1008	K Shobha	Shobha
3.	20353P1009	Birru Mounika	Mounika
4.	20353P1010	Makula Rashi	Rashi
5.	20353P1011	Vadlakonda Tharun	Tharun
6.	20353P1012	Erpa Nagamani	Nagamani
7.	20353P1013	Reshma Nazz	Nazz
8.	20353P1014	Ardhala Pruthvi Raj	Pruthvi Raj



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332




# JAYAMUKHI COLLEGE OF PHARMACY


Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

Certificate Course on  
"Care, Management of Laboratory Animals & Experimental Techniques"  
*Certificate of Completion*

This is to certify that Mr./Ms. Y. Manasa has successfully completed Certificate Course on "Care, Management of Laboratory Animals & Experimental Techniques", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 06-01-2020 to 11-01-2020.

  
**Coordinator**  
**Ms. Syeda Nishat Fathima**

  
**Principal**  
**Dr. S. Vasudeva Murthy**

  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### LEARNING OUTCOMES:

Upon completion of course students were able to

- Understand ethics and regulations that govern the use of animals in research as per CPCSEA guidelines.
- Handle small laboratory animals
- Administer drugs through different routes in rats and mice



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## SUMMARY:

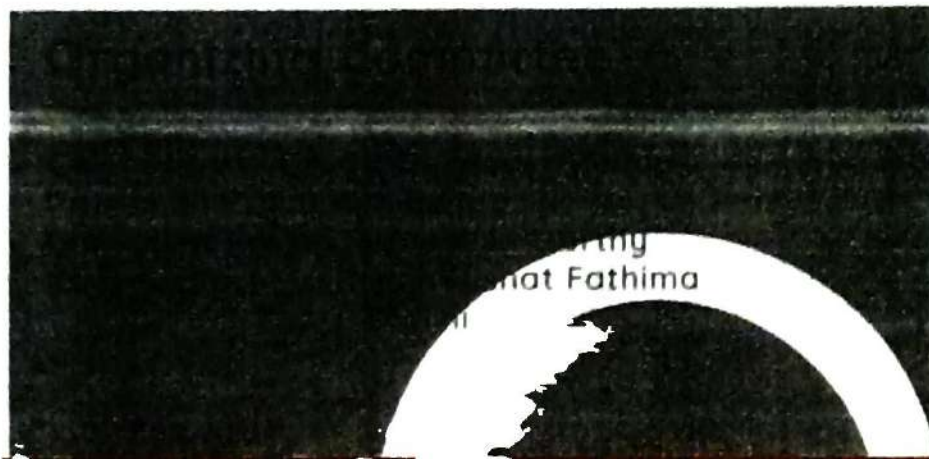
Certificate Course on Care, Management of Laboratory Animals & Experimental Techniques was conducted for M. Pharmacy (Pharmacology) First year students. This course provided hands on training to improve quality of research conducted on animals. The major themes for workshop were Laboratory animals and their environment, Nutrition, diseases of laboratory animals, Lab animal's welfare and ethics, anaesthesia and analgesia in lab animals, collection of body fluids and perioperative care. This course elucidated the participants with an understanding of the ethics and regulations that govern the use of animals in research as per CPCSEA guidelines. All the 8 students were eligible for the certificate.



**Principal**  
Jayamukhi College of Pharmacy,  
Narsampet-506 332

## ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.



## JAYAMUKHI COLLEGE OF PHARMACY

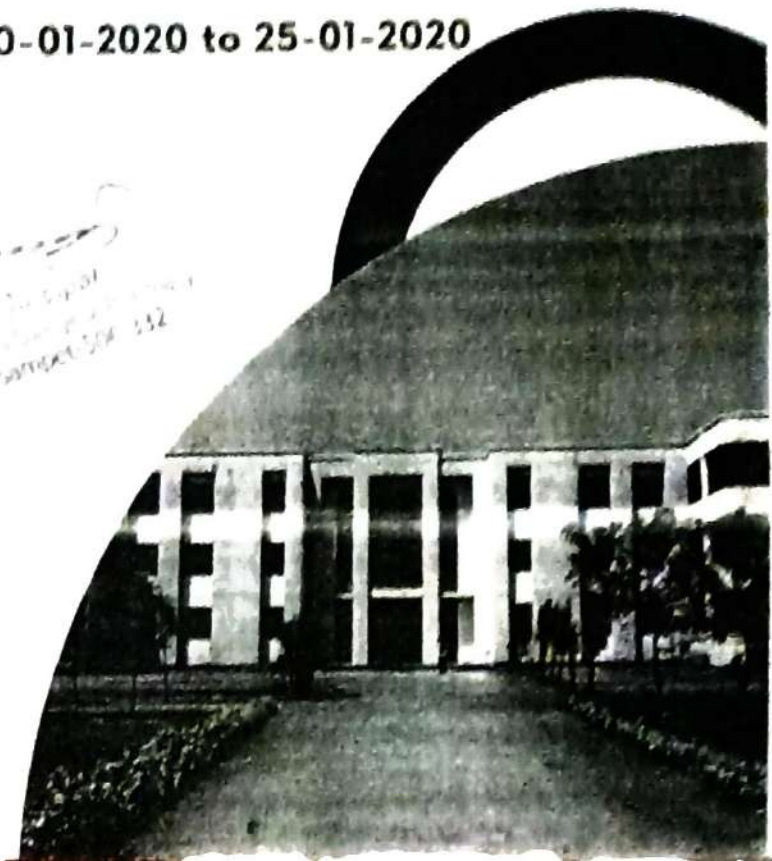
Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



### HANDS-ON TRAINING ON STATISTICAL SOFTWARES USED IN PHARMACEUTICAL RESEARCH

20-01-2020 to 25-01-2020

*W. S. Srinivas*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-504 152



## Introduction

This Hands on training aims to give a basic introduction to practical aspects of statistics of medical research especially for healthcare professionals and paramedics who wish to conduct own research projects. An understanding on how to design a study, sampling and formulating answerable research objectives are basic but important element to understand prior to embarking on any statistical analysis. The workshop would be conducted by experienced members of the department. The conduct would mainly comprising a series of talks and follow by practical hands sessions in which participants would be utilizing the speaker's real dataset and statistical software

## Objective

To furnish a basic understanding on the study design, information needed to derive the sample size and factors to consider in choosing suitable type of tests to perform statistical analysis.

## Registration Form

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date:

Signature of the Applicant.

Signature of Head of Organization

## Registration Fee:

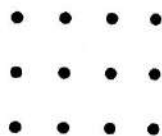
Registration is free of cost.

Registration form should be submitted on or before

17.01.2020

## Who can attend?

Students of B. Pharmacy 4th Year; Pharm. D 5th Year; M. Pharmacy (Pharmacology and Pharmaceutics) 2nd year





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : HANDS-ON TRAINING ON STATISTICAL  
SOFTWARES USED IN PHARMACEUTICAL  
RESEARCH

**Duration** : 30 Hours

**Date of Commencement** : 20-01-2020 to 25-01-2020

**Course Co-ordinator** : Ms. Syeda Nishat Fathima & Ms I. Shalini

## CURRICULUM:

- Topic 1: Introduction: Biostatistics, Frequency distribution Measures of central tendency: Mean, Median, Mode
- Topic 2: Construction and labelling of graphs, histogram, pie charts, scatter plots, semi logarithmic plots.
- Topic 3: Measures of dispersion: Dispersion, Range, standard deviation Correlation: Definition, Karl Pearson's coefficient of correlation, Multiple correlation
- Topic 4: Regression, Multiple regression, standard error of regression
- Topic 5: Probability: Definition of probability, Binomial distribution, Normal distribution, Poisson's distribution, properties, Population, large sample, small sample,
- Topic 6: Hypothesis, Sampling and Error
- Topic 7: Level of significance, power of test, P value, statistical estimation of confidence intervals.
- Topic 8: Parametric test: t-test (Sample, Pooled or Unpaired and Paired), ANOVA, (One way and Two way), Least Significance difference
- Topic 9: Non-Parametric tests: Wilcoxon Rank Sum Test, Mann-Whitney U test, Kruskal-Wallis's test, Friedman Test
- Topic 10: Graph Pad Prism
- Topic 11: SPSS Software
- Topic 12: R (R Foundation for Statistical Computing)

  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



### Schedule

Dates	Session-I (09:30 AM-11:00 AM)	Session-II (11:00 AM- 12:30 PM)	Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)
02-07-2018	Introduction to Biostatistics (Mr. P. Vivek Sagar, Vaagdevi Pharmacy College)	Frequency distribution Measures of central tendency: Mean, Median, Mode(Dr. K. Naresh, Vaagdevi Institute of Pharmaceutical Sciences)	Construction and labelling of graphs, histogram, pie charts, scatter plots, semilogarithmic plots (Dr. K. Shirisha, Vaagdevi College of Pharmacy)	
03-07-2018	Measures of dispersion and correlation(Dr. S. Pavani, Vaagdevi College of Pharmacy)	Regression, Multiple regression, standard error of regression (Dr. S. Pavani, Vaagdevi College of Pharmacy)	Probability, Binomial distribution, Normal distribution, Poisson's distribution (Mr. K. Jyothi, Jayamukhi College of Pharmacy)	Hypothesis, Sampling and Errors (Ms. T. Smitha, Jayamukhi College of Pharmacy)
04-07-2018	Level of significance, power of test, P value, statistical estimation of confidence intervals (Ms. T. Smitha, Jayamukhi College of Pharmacy)	Parametric test (Ms. M. Nirmla, Jayamukhi College of Pharmacy)	Non-Parametric tests (Ms. B. Mounika, Jayamukhi College of Pharmacy)	Different Statistical Software used in Pharmaceutical Research (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)
05-07-2018	Hands on training on Regression analysis and correlation by Graphpad Prism software (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)		Hands on training on Regression analysis and correlation by SPSS software (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)	
06-07-2018	Hands on training on t-test and ANOVA by Graphpad Prism software (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)		Hands on training on t-test and ANOVA by SPSS software (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)	
07-07-2018	Hands on training on R (R Foundation for Statistical Computing)software (Dr. B. Naveen Kumar, Jayamukhi College of Pharmacy)		Hands on training on non-Parametric tests such as Wilcoxon Rank Sum Test, Mann-Whitney U test, Kruskal-Walli's test, Friedman Test by Graphpad Prism software (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	

Lunch (12:30 PM-1:30 PM)



*S. Vasudeva Murthy*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-508001



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 532, (T.S)

### ASSESSMENT:

Participants must stay for the entire six-day session. Every day of the programme will require attendance. Upon successfully completing the whole training programme, participants will get a certificate of participation.



*S. G. [Signature]*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 532



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Hands on training on Statistical software's used in Pharmaceutical Research

Date: 20-01-2020 to 25-01-2020

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	35317-6001	VangalaSindhuja
2.	35317-6002	Mahammad Amreensuluthana
3.	35317-6003	EgaGouthami
4.	35317-6004	Manchikatla Archana
5.	35317-6005	Valasa Deepika
6.	35317-6006	KonthamNavatha
7.	35317-6008	DhulaNavya
8.	35317-6009	Doggela Rakesh
9.	35317-6010	Mohammed Rahim Pasha
10.	35317-6011	MathangiSandhyarani
11.	35317-6012	ChunchuSoniya
12.	35317-6017	Pindi Sujatha
13.	35317-6018	ParlapellyRakshitha
14.	35317-6020	KondiKiranmayee
15.	35317-6021	Gabbeta Bhavana
16.	35317-6022	Bommerakrishnaveni
17.	35317-6023	KakkerlaSoujanya
18.	35317-6025	Malipeddi Bhanu Kiran
19.	35317-6027	Eslavath Mamatha
20.	35317-6029	Kadarla Harish Kumar
21.	35317-6030	Radharapu Priyanka
22.	35317-6031	Eslavath Santhosh
23.	16353D1001	Akkapatri Sharon Purnima
24.	16353D1002	Devulapalli Chaitanya
25.	16353D1003	Salma Sulthana
26.	16353D1004	Ireni Soumya
27.	16353D1005	Batta Navya
28.	16353D1006	KotadiSaikiran
29.	16353D1007	Adepu Vinay Kumar
30.	16353D1008	MeesalaGangamani
31.	16353D1010	Mesram Rupali
32.	16353D1012	Uppu Anil Kumar
33.	16353D1013	Pothuganti Akhil
34.	16353D1014	Boga Pravalika



*[Handwritten signature]*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



35.	16353D1015	Anumasa Naga Pravalika
36.	16353D1016	BathulaRashmitha Shivani
37.	16353D1017	Maddi Amulya
38.	16353D1019	Ayesha
39.	19353P1001	PanchagiriNavyasree
40.	19353P1002	Kunde Deepika
41.	19353P1003	Iharla Raju
42.	19353P1004	VadlakondaOsha Sri
43.	19353P1006	Gotemukula Prashanth
44.	19353P1007	Godishala Sindhu
45.	19353P1010	IjjagiriRajasri
46.	19353P1011	Jakkula Mamatha
47.	19353P1012	Sajjanapu Akhil
48.	19353P1014	Gundeboina Srikanth
49.	19353P1015	S. Shyam Sunder



*Handwritten signature in green ink.*

**Principal**  
 Jayamukhi College of Pharmacy  
 Narsampet-508 334



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### Hands on training on Statistical software's used in Pharmaceutical Research

Date: 20-01-2020 to 25-01-2020

#### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	35317-6001	Vangala Sindhuja	Sindhuja
2.	35317-6002	Mahammad Amreensuluthana	Mahammad
3.	35317-6003	Ega Gouthami	Gouthami
4.	35317-6004	Manchikatla Archana	Archana
5.	35317-6005	Valasa Deepika	Deepika
6.	35317-6006	Kontham Navatha	Navatha
7.	35317-6008	Dhula Navya	Navya
8.	35317-6009	Doggela Rakesh	Rakesh
9.	35317-6010	Mohammed Rahim Pasha	Rahim Pasha
10.	35317-6011	Mathangi Sandhyarani	Sandhyarani
11.	35317-6012	Chunchu Soniya	Soniya
12.	35317-6017	Pindi Sujatha	Sujatha
13.	35317-6018	Parlapelly Rakshitha	Rakshitha
14.	35317-6020	Kondi Kiranmayee	Kiranmayee
15.	35317-6021	Gabbeta Bhavana	Bhavana
16.	35317-6022	Bommerla Krishnaveni	Krishnaveni
17.	35317-6023	Kakkerla Soujanya	Soujanya
18.	35317-6025	Malipeddi Bhanu Kiran	Bhanu Kiran
19.	35317-6027	Eslavath Mamatha	Mamatha
20.	35317-6029	Kadarla Harish Kumar	Harish Kumar
21.	35317-6030	Radharapu Priyanka	Priyanka
22.	35317-6031	Eslavath Santhosh	Santhosh
23.	16353D1001	Akkapatri Sharon Purnima	Purnima
24.	16353D1002	Devulapalli Chaitanya	Chaitanya
25.	16353D1003	Salma Sulthana	Sulthana
26.	16353D1004	Ireni Soumya	Soumya
27.	16353D1005	Batta Navya	Navya
28.	16353D1006	Kotadi Saikiran	Saikiran
29.	16353D1007	Adepu Vinay Kumar	Vinay Kumar
30.	16353D1008	Meesala Gangamani	Gangamani
31.	16353D1010	Mesram Rupali	Rupali
32.	16353D1012	Uppu Anil Kumar	Anil Kumar
33.	16353D1013	Pothuganti Akhil	Akhil



*[Handwritten Signature]*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

34.	16353D1014	Boga Pravalika	Pravalika
35.	16353D1015	Anumasa Naga Pravalika	Naga Pravalika
36.	16353D1016	Bathula Rashmitha Shivani	Shivani
37.	16353D1017	Maddi Amulya	Amulya
38.	16353D1019	Ayesha	Ayesha
39.	19353P1001	Panchagiri Navyasree	Navyasree
40.	19353P1002	Kunde Deepika	Deepika
41.	19353P1003	Tharla Raju	Raju
42.	19353P1004	Vadlakonda Ooha Sri	Ooha Sri
43.	19353P1006	Gotemukula Prashanth	Prashanth
44.	19353P1007	Godishala Sindhu	Sindhu
45.	19353P1010	Ijjagiri Rajasri	Rajasri
46.	19353P1011	Jakkula Mamatha	Mamatha
47.	19353P1012	Sajjanapu Akhil	Akhil
48.	19353P1014	Gundeboina Srikanth	Srikanth
49.	19353P1015	S. Shyam Sunder	Sunder



  
**Principal**  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & DCI No. Delh. & Affiliated to Kakati University, Warangal, T.S)

NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Hands-on Training on "Statistical software's Used in Pharmaceutical Research"

### *Certificate of Participation*

This is to certify that Mr./Ms. M.RUPALI has participated in Hands-on Training on "Statistical software's Used in Pharmaceutical Research", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 20-01-2020 to 25-01-2020.

**Coordinator**

**Dr. Syeda Nishat Fathima**

**Coordinator**

**Ms. I. Shalini**



**Principal**

**Dr. S. Vasudeva Murthy**



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## LEARNING OUTCOMES:

Upon completing this course, the student will be able to:

- Know the operation of M.S. Excel and Graph pad Prism
- Know the various statistical techniques to solve statistical problems
- Appreciate statistical techniques in solving the problems
- Solve Pharmaceutical problems using SPSS, R Programming and Graph Pad prism software



  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 532, (T.S)

## SUMMARY:

Hands on training on Statistical Software used in Pharmaceutical Research for B. Pharmacy 4<sup>th</sup> year. Pharm. D 5<sup>th</sup> year & M. Pharmacy (Pharmaceutics & Pharmacology) 2<sup>nd</sup> year was conducted. Pharmaceutical research is a highly interdisciplinary field that employs a variety of quantitative and qualitative methods. This Hands on training aims to give a basic introduction to practical aspects of statistics of medical research especially for healthcare professionals and paramedics who wish to conduct own research projects. An understanding on how to design a study, sampling and formulating answerable research objectives are basic but important element to understand prior to embarking on any statistical analysis. A wide range of subjects are covered in trainings, such as biostatistics, dose-response curves (including non-linear regression), and scientific diagrams. Students gained knowledge on how to run experiments, analyse the findings, and make graphs. The students learned about a wide range of analyses that Graph pad Prism, SPSS and R programming can carry out, including t tests, one- and two-way ANOVA, Chi square tests, linear and nonlinear regression, dose-response curves, correlation, binary logistic regression, survival analysis, principal component analysis, and many more. Analyzing various parametric and nonparametric analyses using pharmaceutical issues throughout this workshop was beneficial. 49 individuals enrolled for this training, and 55 of them successfully completed it.



*S. D. D. D.*  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 532



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



PATENT LAW



## Workshop on Intellectual Property in Health Care industry

10-02-2020 to 15-02-2020

### ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organisations reputed at global level.

Principal

Jayamukhi College of Pharmacy  
Narsampet-508002

### Organizing Committee:

- Chief Patron: Dr. Ch. Devender Reddy
- Patron: Shri. T.V.R.N. Reddy
- Convener: Prof. S. Vasudeva Murthy
- Coordinator: Mr. T. Ashwin Kumar
- Ms. M. Dhanalaxmi



# Registration Form

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date:

Signature of the Applicant.

Signature of Head of Organization



## Objectives::

- Identify the various forms of intellectual property protection available
- Understand the special intellectual property developed for the healthcare and pharmaceutical industries, especially as regards to drug patents
- Examine how the law has responded to cutting-edge medical developments such as ownership of genetic material and genetic information
- Recognize the variety of intellectual property strategies employed by healthcare-oriented businesses of all sizes

## Registration Fee:

Registration form along with registration fee of Rs.100/- on or before 08.02.2020

## Who can attend?

Students of B. Pharmacy 3rd Year; Pharm. D 4th Year; M. Pharmacy (Pharmacology and Pharmaceutics) 1st year







JAYAMUKHI EDUCATIONAL SOCIETY  
**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : One Module Workshop on Intellectual Property in Health Care industry

**Duration** : 30 Hours

**Date of Commencement** : 10-02-2020 to 15-02-2020

**Course Co-ordinator** : Mr. T. Ashwin Kumar & Ms. M. Dhanalaxmi

**COURSE CONTENT:**

**Module 1: Basics of IPR**

- Introduction to Intellectual Property: A Conceptual Primer
- Universal Origins of Intellectual Property
- Theoretical Justifications for Intellectual Property
- Economics of Intellectual Property: Innovation and Creativity - Policy Linkages

**Module 2: International organizations and Treaties**

- Legal Principles of International Intellectual Property Regime: Introduction to TRIPS
- Intellectual Property and Interface with Fundamental Freedoms
- TRIPS and Public Health: Challenges for Access to Medicines
- Intellectual Property and Competition Law- a primer

**Module 3:**

- Concept of Invention, Novelty, Inventive Step and Industrial Application and Disclosure
- Pharmaceutical Patents- Subject Matter Exclusions
- Biotechnology Patents- Subject Matter Exclusions

**Module 4**

- Software and Business Methods Patents
- Patents, Traditional Knowledge and Biodiversity

**Module 5**

- Originality requirement in Copyright Law

*S. Venkatesh*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



- Subject-matter requirement in Copyright Law
- Neighbouring/ Related Rights

#### **Module 6**

- Trademarks- Concept of Distinctiveness and grounds for refusal of trademarks registration
- Trademarks- Challenges in Non-Conventional Marks and Domain Names Disputes
- Well Known Marks

#### **Module 7**

- Industrial Designs: Definition of a design; Concept of Novelty and Originality; designs not patentable; - Functional Designs
- Trade secrets- conditions of protection
- Geographical Indications- substantive conditions for registration

#### **Module8**

- Patent Rights- limited exceptions
- Copyright- fair dealing
- Limitations on Rights of Trademarks Owners

#### **Module9**

- Principles of IP Exhaustion
- Patents- Compulsory Licensing /other uses without authorization
- Copyrights- Statutory and Compulsory Licensing

#### **Module 10:**

- Patent Infringement
- Copyright Infringement
- Trademark Infringement and Passing-off
- Ambush Marketing and Comparative Advertising

#### **Module 14**

- Nature of Remedies in IP Law
- Patent law-remedies
- Copyright –Civil and Criminal
- Trademark Law- Civil and Criminal

#### **Module 15**

Case Studies in Intellectual Property



*S. Venkatesh*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-504 102

**Schedule**

<b>Dates</b>	<b>Session-I (09:30 AM-11:00 AM)</b>	<b>Session-II (11:00 AM- 12:30 PM)</b>	<b>Session-III (01:30 PM-03:00 PM)</b>	<b>Session-IV (03:00 PM-04:30PM)</b>
10-02-2020	Basics of IPR (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	International organizations and Treaties (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	Basic forms of IPRs: — Patent, copyright, trademark, industrial design (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy Management Sciences)	Module 3 (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)
11-02-2020	Module 4 (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	Module 5 (Mr. M. Anil Kumar, Jayamukhi College of Pharmacy)	Module 6 (Ms. M. Nirmala, Jayamukhi College of Pharmacy)	Module 7 (Ms. P. Anusha, Jayamukhi College of Pharmacy)
12-02-2020	Module 8 (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	Role of Patent Cooperation Treaty (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	Special IP Rules for Healthcare (Dr. Devandla Adukondalu, Vaagdevi College of Pharmacy)	Unique Role of Patents in Pharmaceutical Drugs (Mr. T. Ashwin Kumar, Jayamukhi College of Pharmacy)
13-02-2020	Module 9 (Mr. T. Ashwin Kumar, Jayamukhi College of Pharmacy)	Module 10 (Ms. M. Dhanalaxmi, Jayamukhi College of Pharmacy)	Ownership of Research in Healthcare (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)	Module 11 (Mr. B. Sathish, Jayamukhi Institute of Management Sciences)
14-02-2020	Patents on chemical compounds /Pharmaceutical composition/medical and diagnostic products (Dr. Devandla Adukondalu, Vaagdevi College of Pharmacy)	Module 12 (Ms. B. Mounika, Jayamukhi College of Pharmacy)	Module 13 (Ms. M. Dhanalaxmi, Jayamukhi College of Pharmacy)	Module 14 (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)
15-02-2020	Indian position of the Patent, Copyright & Trademark, Historical development, Procedure for granting a patent, Infringement (Ms. M. Dhanalaxmi, Jayamukhi College of Pharmacy)	Case Studies in Intellectual Property- Novartis (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	Case Studies in Intellectual Property- Novartis and Pharmaceutical IP Strategies (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	Case Studies in Intellectual Property- Medtronic (Mr. B. Sathish, Jayamukhi Institute of Management Sciences)

**Lunch (12:30 PM-1:30 PM)**



*S. Vasudeva Murthy*

**Principal**  
Jayamukhi College of Pharmacy  
Narasimpet



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### ASSESSMENT:

Certificate will be provided to participants based on 80% attendance and obtaining minimum qualifying marks of 60% in the test conducted on the last day of the workshop.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Workshop on Intellectual Property in Health Care industry

Date: 10-02-2020 to 15-02-2020

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	35318-6001	Chitte Rachana
2.	35318-6004	Nimmathi Deepika
3.	35318-6005	Banoth Suman
4.	35318-6007	MadathaManasa
5.	35318-6008	Kasaju Sravan Kumar
6.	35318-6009	Kothapelli Vijay
7.	35318-6010	KodamNagaraju
8.	35318-6012	Amma Divya
9.	35318-6013	PendyalaSankeerthana
10.	35318-6014	Alem Bhargavi
11.	35318-6015	RasagnaPoloju
12.	35318-6017	ChilapakaPrudhvi
13.	35318-6019	Kola Madhuri
14.	35318-6020	AyishaFarheen
15.	35318-6021	Muzaffar Ameera
16.	35318-6022	OramgantiVineela
17.	35318-6023	Uppu Swathi
18.	35318-6025	MudigiriManasa
19.	35318-6026	Bairaboina Ganesh
20.	35318-6027	SamalaSravani
21.	35318-6028	GullepelliPoojasri
22.	35318-6030	Regalla Mamatha
23.	35318-6031	Keduka Rakesh Reddy
24.	35318-6032	Dameruppula Archana
25.	35318-6033	Katukam Sai Deekshith
26.	35318-6035	Polaboina Mahalaxmi
27.	35318-6037	Kakkerla Sushma Swaraj
28.	35318-6038	Rallabandi Vinay
29.	17353D1001	JuveriaNousheen
30.	17353D1002	AkulaDivyasri
31.	17353D1003	Banoth Subhadra
32.	17353D1004	VardellySravanthi
33.	17353D1005	NallagondaHemika
34.	17353D1006	Geetanjali Sharma
35.	17353D1007	KolipakaSupriya
36.	17353D1008	ManeeshaVemireddy

  
Principal  
Jayamukhi College of Pharmacy  
Narsampet



37.	17353D1009	Nasagoni Prasanna Pragna
38.	17353D1010	VadlaManiteja
39.	17353D1014	MasnaSainaresh
40.	17353D1015	Mohammed Shabna
41.	17353D1016	Mohammed Shareefatulla
42.	17353D1017	Sayyed Rubeenavahab
43.	17353D1018	Afreen Tharunam
44.	17353D1019	Mohammad Samreen
45.	17353D1020	Arram Rajesh Kumar
46.	20353P1001	Venumuddala Humpy
47.	20353P1002	KamarapuSpandana
48.	20353P1003	PolepanguNagarani
49.	20353P1004	Kotta Sandeep
50.	20353P1005	Aruri Naveen
51.	20353P1006	JuluriHimabindu
52.	20353P1007	Yara Manasa
53.	20353P1009	Birru Mounika
54.	20353P1010	MakulaRashi
55.	20353P1011	VadlakondaTharun
56.	20353P1012	ErpaNagamani
57.	20353P1013	Reshma Nazz
58.	20353P1014	ArdhalaPruthvi Raj



*[Handwritten signature in green ink]*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Intellectual Property in Health Care industry

Date: 10-02-2020 to 15-02-2020

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	35318-6001	Chitte Rachana	Rachana
2.	35318-6004	Nimmathi Deepika	Deepika
3.	35318-6005	Banoth Suman	Suman
4.	35318-6007	Madatha Manasa	Manasa
5.	35318-6008	Kasaju Sravan Kumar	Sravan
6.	35318-6009	Kothapelli Vijay	Vijay
7.	35318-6010	Kodam Nagaraju	Nagaraju
8.	35318-6012	Amma Divya	Divya
9.	35318-6013	Pendyala Sankeerthana	Sankeerthana
10.	35318-6014	Alem Bhargavi	Bhargavi
11.	35318-6015	Rasagna Poloju	Rasagna
12.	35318-6017	Chilapaka Prudhvi	Prudhvi
13.	35318-6019	Kola Madhuri	Madhuri
14.	35318-6020	Ayisha Farheen	Farheen
15.	35318-6021	Muzaffar Ameera	Ameera
16.	35318-6022	Oramganti Vineela	Vineela
17.	35318-6023	Uppu Swathi	Swathi
18.	35318-6025	Mudigiri Manasa	Manasa
19.	35318-6026	Bairaboina Ganesh	Ganesh
20.	35318-6027	Samala Sravani	Sravani
21.	35318-6028	Gullepelli Poojasri	Poojasri
22.	35318-6030	Regalla Mamatha	Mamatha
23.	35318-6031	Keduka Rakesh Reddy	Rakesh
24.	35318-6032	Dameruppula Archana	Archana
25.	35318-6033	Katukam Sai Deekshith	Deekshith
26.	35318-6035	Polaboina Mahalaxmi	Mahalaxmi
27.	35318-6037	Kakkerla Sushma Swaraj	Sushma Swaraj
28.	35318-6038	Rallabandi Vinay	Vinay
29.	17353D1001	Juveria Nousheen	Nousheen
30.	17353D1002	Akula Divyasri	Divyasri
31.	17353D1003	Banoth Subhadra	Subhadra
32.	17353D1004	Vardelly Sravanthi	Sravanthi
33.	17353D1005	Nallagonda Hemika	Hemika
34.	17353D1006	Geetanjali Sharma	Geetanjali
35.	17353D1007	Kolipaka Supriya	Supriya



*[Handwritten Signature]*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### LEARNING OUTCOMES:

Upon completing this course, the students were able to have:

- Knowledge regarding the general principles of IPR, Concept and Theories, Criticisms of Intellectual Property Rights, International Regime Relating to IPR
- Information about Indian position of the Patent, Copyright & Trademark Law, Procedure for granting a patent, Infringement.
- Enable improvement of the regulatory environment by implementing and upholding good regulatory practices.
- Idea about agencies governing the manufacture and sale of pharmaceuticals.



  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

The development of competitive advantages is essential for fostering our country's economic prosperity. India has excellent infrastructure and resources for research and development. For the protection of the intellectual output of Indian scientists, scientists and decision-makers require greater information, training, and facilities. In order to raise awareness of IPR among B. Pharmacy third-year students, Pharm. D. fourth-year students, M. Pharmacy (Pharmacology and Pharmaceutics) first-year students, and teachers, this workshop was organised. With regard to drug patents in particular, this workshop assisted students in understanding the many types of intellectual property protection that are available as well as the unique intellectual property regulations created for the healthcare and pharmaceutical sectors. It informed participants on how to look at how the law has changed in response to cutting-edge medical innovations, like the ownership of generic materials. Recognize the various intellectual property methods used by businesses centred on healthcare of all sizes. Resource people also elaborated on many Intellectual Property case studies, including Novartis and Medtronic, Copyright and Trademark Management in India. 58 out of the 64 participants finished the course successfully.



**Principal**

Jayamukhi College of Pharmacy  
Narsampet-506 332

## ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

## Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy

Patron: Shri. T.V.R.N. Reddy

Convener: Prof. S. Vasudeva Murthy

Coordinators: Ms. M. Himabindu

Ms. B. Mounika

Principal

Jayamukhi College of Pharmacy  
Narsampet, 505

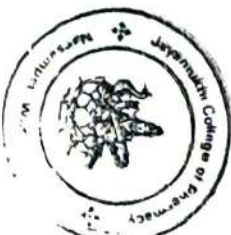
## Who can attend?

Students of M. Pharmacy Pharmacology & Pharmaceutics Second Year



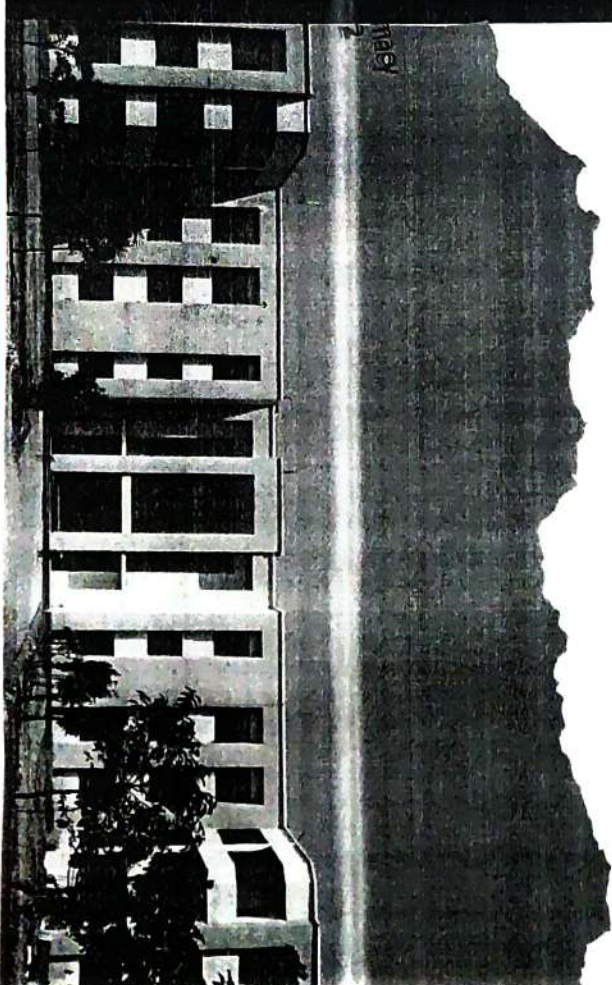
# JAYAMUKHI COLLEGE OF PHARMACY

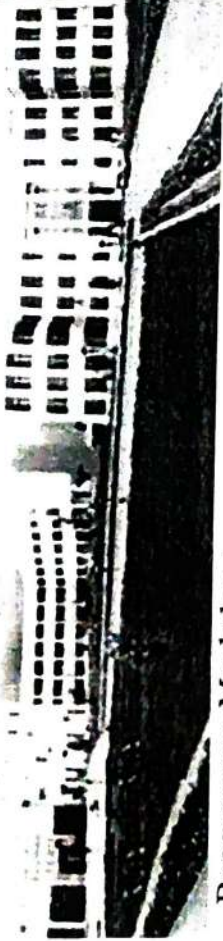
Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal



## Certificate Course on Pharma Sales and Marketing management

17-02-2020 to 22-02-2020





**Programme Modules :**

- Module 1: Introduction to Pharmaceutical Industry and Pharma Product Management
- Module 2: Principles of Management
- Module 3: Pharmaceutical Marketing Management, Pharmaceutical segmental outlook
- Module 4: Pharmaceutical Sales & Advertising Management
- Module 5: Guidelines of Visual Aids and Input Designing
- Module 6: Pharmaceutical Logistics Management
- Module 7: Fundamentals of Drug Discovery
- Module 8: Healthcare System in US, India and Other Countries
- Module 9: Pharmaceutical Industry: Models and Market Research
- Module 10: Pharmacoeconomics (Pricing Laws)
- Module 11: Legal and Regulatory Framework of Pharmaceutical Industry
- Module 12: Promotion in Pharmaceutical industry: Communication Model, Effective promotional communication
- Module 13: Business Communication in the Pharmaceutical Industry
- Module 14: Digital Marketing, Relationship marketing -KOL Management
- Module 15: Entrepreneurship Development in Pharmaceutical Industry



**Registration Form**

Full Name: \_\_\_\_\_  
 Hall Ticket No: \_\_\_\_\_  
 Course: \_\_\_\_\_  
 Year: \_\_\_\_\_  
 Mobile: \_\_\_\_\_  
 Email: \_\_\_\_\_

**Declaration:**

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant.

Signature of Head of Organization

**Registration Fee:**

Registration form along with registration fee of Rs.100/- on \_\_\_\_\_



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY


(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

**Title of the course** : Certificate Course on Pharma Sales and Marketing Management  
**Duration** : 30 Hours  
**Date of Commencement** : 17-02-2020 to 22-02-2020  
**Course Co-ordinator** : Ms. M. Himabindu & Ms. B. Mounika

## CURRICULUM:

- Topic 1: Introduction to Pharmaceutical Industry and Pharma Product Management
- Topic 2: Principles of Management
- Topic 3: Pharmaceutical Marketing Management, Pharmaceutical segmentation outlook
- Topic 4: Pharmaceutical Sales & Advertising Management
- Topic 5: Guidelines of Visual Aids and Input Designing
- Topic 6: Pharmaceutical Logistics Management
- Topic 7: Pricing methods and strategies
- Topic 8: Healthcare System in US, India and Other Countries
- Topic 9: Pharmaceutical Industry: Models and Market Research
- Topic 10: Pharmacoeconomics (Pricing Laws)
- Topic 11: Legal and Regulatory Framework of Pharmaceutical Industry
- Topic 12: Promotion in Pharmaceutical industry: Communication Model, Effective promotional communication
- Topic 13: Business Communication in the Pharmaceutical Industry
- Topic 14: Digital Marketing, Relationship marketing–KOL Management
- Topic 15: Entrepreneurship Development in Pharmaceutical Industry



  
**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

**Schedule**

<b>Dates</b>	<b>Session-I (09:30 AM-11:00 AM)</b>	<b>Session-II (11:00 AM- 12:30 PM)</b>	<b>Session-III (01:30 PM-03:00 PM)</b>	<b>Session-IV (03:00 PM-04:30PM)</b>
17-02-2020	Introduction to Pharmaceutical Industry and Pharma Product Management (Dr.Y. Shravan, Vaagdevi College of Pharmacy)	Principles of Management (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	Pharmaceutical Marketing Management (Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Pharmaceutical segmentation outlook (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)
18-02-2020	Pharmaceutical Sales & Advertising Management (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)	Guidelines of Visual Aids and Input Designing (Dr. S. Pavani, Vaagdevi College of Pharmacy)	Pharmaceutical Logistics Management (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	Pricing methods and strategies (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)
19-02-2020	Healthcare System in US, India and Other Countries (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)	Pharmaceutical marketing channels (Dr. K. Rajitha, Vaagdevi Institute of Pharmaceutical Sciences)	Pharmaceutical Industry: Models and Market Research (Mr. Md Wajid, Jayamukhi Institute of Pharmaceutical Sciences)	
20-02-2020	Pharmacoeconomics (Pricing Laws) (Dr. B. Naveen Kumar, Jayamukhi College of Pharmacy)		Legal and Regulatory Framework of Pharmaceutical Industry (Ms. P. Anusha, Jayamukhi College of Pharmacy)	Promotional techniques for OTC Products (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)
21-02-2020	Promotion in Pharmaceutical industry: Communication Model, Effective promotional communication (Dr. K. Naresh, Vaagdevi Institute of Pharmaceutical Sciences)	Professional sales representative (Mr. T. Ashwin Kumar, Jayamukhi College of Pharmacy)	Business Communication in the Pharmaceutical Industry (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)	Emerging concepts in marketing (Ms. E. Sriram, Jayamukhi Institute of Management Sciences)
22-02-2020	Digital Marketing, Relationship marketing-KOL Management (Ms. M. Nirmala, Jayamukhi College of Pharmacy)	Global Pharmaceutical Marketing (Ms. P. Anusha, Jayamukhi College of Pharmacy)	Entrepreneurship Development in Pharmaceutical Industry (Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)	

**Lunch (12:30 PM-1:30 PM)**



*S. V. ...*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Assessment:

Participants will receive a certificate if they successfully complete the course with at least 80% attendance and pass the oral exam given at the conclusion of the workshop.



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 352, (T.S)

## Certificate Course Certificate Course on Pharma Sales and Marketing management

Date: 17-02-2020 to 22-02-2020

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	19353P1001	PanchagiriNavyasree
2.	19353P1002	Kunde Deepika
3.	19353P1003	Tharla Raju
4.	19353P1004	V.Ooha Sri
5.	19353P1006	Gotemukula Prashanth
6.	19353P1007	Godishala Sindhu
7.	19353P1010	IjjagiriRajasri
8.	19353P1011	Jakkula Mamatha
9.	19353P1012	Sajjanapu Akhil
10.	19353P1014	Gundeboina Srikanth
11.	19353P1015	SuvarnapakaShyam Sunder

*Signature*



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 352



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course Certificate Course on Pharma Sales and Marketing management

Date: 17-02-2020 to 22-02-2020

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	19353P1001	Panchagiri Navyasree	
2.	19353P1002	Kunde Deepika	
3.	19353P1003	Tharla Raju	
4.	19353P1004	V.Ooha Sri	
5.	19353P1006	Gotemukula Prashanth	
6.	19353P1007	Godishala Sindhu	
7.	19353P1010	Ijjagiri Rajasri	
8.	19353P1011	Jakkula Mamatha	
9.	19353P1012	Sajjanapu Akhil	
10.	19353P1014	Gundeboina Srikanth	
11.	19353P1015	Suvarnapaka Shyam Sunder	



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

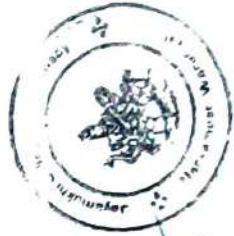
# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Certificate Course on 'Pharma Sales and Marketing Management'

### *Certificate of Completion*

This is to certify that ~~Mr./Ms.~~ I. Rajasri has  
successfully completed Certificate Course on "Pharma Sales and Marketing  
Management", organized by Jayamukhi College of Pharmacy, Narsampet,  
Warangal from 17-02-2020 to 22-02-2020.



*S. Vasudeva Murthy*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

*S. Vasudeva Murthy*  
Principal  
Dr. S. Vasudeva Murthy



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### Learning Outcomes:

Upon completing this course, the students were able to:

- Understand marketing concepts and techniques and their applications in the pharmaceutical industry.
- Analyse the role of market research.
- Evaluate the effort of Professional sales representatives
- Strategies related to pharmaceutical marketing
- Learn the effective ways of developing and implementing brand strategies for Pharmaceutical specific companies
- Gain competency in rapidly growing sector of pharmaceuticals



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

Certificate Course on Pharma Sales and Marketing management was conducted for M. Pharmacy Pharmacology & Pharmaceutics Second Year students. Fundamental changes in business environments are rarely achieved without the use of marketing activities. Whilst consumer marketing in the pharmaceutical industry has been proven to create a negative impact and pain, it has also achieved good and has changed perceptions for the better. The use of marketing provides a competitive edge, penetration into new markets, the acquiring of new customers, and ultimately the achievement of the business objectives. To achieve such results, however, requires more than just a marketing plan. It requires the effective management of the plan within the organisation's environment and competitive position, both of which are continually shifting. This requires a look at the nature and direction of the practical application of the product or service, its distribution via sales and intermediaries, pricing, the brand as well as the marketing communications itself. The professionals are prepared to take on tough roles in sales and product management by the knowledge and expertise of marketing management. In reference to traditional management concepts, an overview of the aspects that must be taken into consideration for the efficient administration of pharmaceutical marketing plans and strategies was developed. The difficulties with pharmaceutical marketing were highlighted, along with solutions. All 11 candidates who registered for the course received certificates.



*S. Venkatesh*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

## About the institution

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.

## Organizing Committee

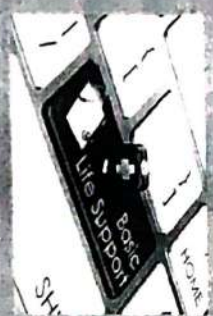
Chief Patron: Dr. Ch. Devender Reddy Jayamukhi Narsampet-506 334  
Patron: Shri. T.V.R.N. Reddy  
Convener: Prof. S. Vasudeva Murthy  
Coordinator: Mr. D. Mangilal  
Dr. P. Ushasree



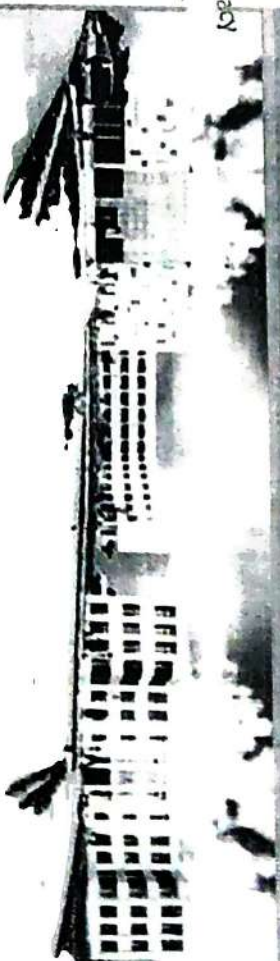
## JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
Affiliated to Kakatiya University, Warangal

## WORKSHOP ON BASIC LIFE SUPPORT TRAINING



24-02-2020 to 29-02-2020



## OBJECTIVES:

To equip the participants with basic knowledge, skills and attitude to perform with confidence basic life support techniques to save lives.

## COMPETENCIES BEING ACQUIRED:

After the workshop, participants will be able to:

1. Describe the principles of Emergency Care;
2. Identify the three kinds of life support, four links of survival for adult and pediatric patients; and discuss the human anatomy and physiology of the nervous, respiratory and circulatory systems;
3. Demonstrate how to provide rescue breathing alone for an adult, child & infant who show signs of circulation but have inadequate or not breathing;
4. Demonstrate how to provide cardiopulmonary resuscitation to an adult, child & infant;
5. Discuss the indications, proper use and maintenance of automated external defibrillator (AED);
6. Demonstrate how to provide abdominal thrust to conscious ~~adult~~ adult; chest thrust and backslaps to conscious infant; and chest thrust to unconscious ~~adult~~ adult, child and infant with obstructed airway.

Registration Fee:

Registration is free. Registration form should be submitted on or before 22-2-2020

## REGISTRATION FORM

Full Name: \_\_\_\_\_  
Hall Ticket No: \_\_\_\_\_  
Course: \_\_\_\_\_  
Year: \_\_\_\_\_  
Mobile: \_\_\_\_\_  
Email: \_\_\_\_\_

### Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant. \_\_\_\_\_

Signature of Head of Organization \_\_\_\_\_

### WHO CAN ATTEND?

Students of B. Pharmacy 1st Year and Pharm.D  
1st Year



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

<b>Title of the course</b>	<b>: Workshop on Basic life support Training</b>
<b>Duration</b>	<b>: 30 Hours</b>
<b>Date of Commencement</b>	<b>: 24-02-2020 to 29-02-2020</b>
<b>Course Co-ordinator</b>	<b>: Mr. D. Mangilal &amp; Dr. P. Ushasree</b>
<b>Resource Persons</b>	<b>: Dr. Ramaka Srinivas &amp; his team of doctors</b>

### CURRICULUM:

- Foundational concepts of Basic Life Support
- Response to an adult in cardiac arrest
- Basic Life Support for infants and children
- Automated external defibrillation in infants and children
- Preventing cardiac arrest
- First aid for adults
- First aid for children.



*S. Venkatesh*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

**Schedule**

Dates	Session-I (09:30 AM-11:00 AM)	Session-II (11:00 AM- 12:30 PM)	Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)
24-02-2020	Introduction to Health care	Principles of Emergency Care	Basic concepts of Anatomy and Physiology	
25-02-2020	Hands-on training on cardiopulmonary resuscitation to an adult, child & infant	Hands-on training on cardiopulmonary resuscitation to an adult, child & infant	Hands-on training on cardiopulmonary resuscitation to an adult, child & infant	Hands-on training on cardiopulmonary resuscitation to an adult, child & infant
26-02-2020	Hands-on training on how to provide abdominal thrust to conscious adult; chest thrust and backslaps to conscious infant	Hands-on training on how to provide abdominal thrust to conscious adult; chest thrust and backslaps to conscious infant	Hands-on training on how to provide abdominal thrust to conscious adult; chest thrust and backslaps to conscious infant.	Hands-on training on how to provide abdominal thrust to conscious adult; chest thrust and backslaps to conscious infant.
27-02-2020	Hands-on training on how to deliver chest thrust to unconscious adult, child and infant with obstructed airway	Hands-on training on how to deliver chest thrust to unconscious adult, child and infant with obstructed airway	Hands-on training on how to deliver chest thrust to unconscious adult, child and infant with obstructed airway	Hands-on training on how to deliver chest thrust to unconscious adult, child and infant with obstructed airway
28-02-2020	Providing first aid of simple and multiple system trauma such as • Controlling haemorrhage • Managing Burns and wounds • Manually stabilizing injured extremities	Providing first aid of simple and multiple system trauma such as • Controlling haemorrhage • Managing Burns and wounds • Manually stabilizing injured extremities	Providing first aid to patients with medical emergencies like heart attack and stroke	Providing first aid to patients with general medical complaints, seizures and animal bites (snake /dog bite)
29-02-2020	Hands-on training on how to provide rescue breathing alone for an adult, child & infant who show signs of circulation but have inadequate or not breathing;	Hands-on training on how to provide rescue breathing alone for an adult, child & infant who show signs of circulation but have inadequate or not breathing;	Indications, proper use and maintenance of automated external defibrillator (AED)	Indications, proper use and maintenance of automated external defibrillator (AED)
<b>LUNCH (12:30 PM to 01:30PM)</b>				



*S. S. S.*

**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

Certificate will be issued to the students who have minimum of 80% attendance.



*Principal*  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Basic life support Training

Date: 24-02-2020 to 29-02-2020

### List of Participants

S. No	Hall Ticket Number	Name of the Student
1.	20353D1001	Fathima Buthul
2.	20353D1002	BoddulaMahathi
3.	20353D1003	Syed Heena Samreen
4.	20353D1004	Iruvala Ajay
5.	20353D1005	BojjamShravani
6.	20353D1006	ArendulaNavya
7.	20353D1007	Kotha Neha
8.	20353D1008	DevarakondaAkshitha
9.	20353D1009	AlladiSravani
10.	20353D1010	GugulothSaikumar
11.	20353D1011	Jannu Vishwa Sindhu
12.	20353D1012	AsfiyaMeenaaz
13.	20353D1013	BodduManasa
14.	20353D1014	KashettiSravya
15.	20353D1015	Lingala Amrutha
16.	35320-6001	MuthyamAkhila
17.	35320-6002	Sriramula Manisha
18.	35320-6003	DonthiRuchitha
19.	35320-6004	DasaramDivya Sri
20.	35320-6005	Chukka Shiva
21.	35320-6006	Kathi Amulya
22.	35320-6007	Medishetty Sruthi
23.	35320-6009	ThogaruHimabindhu
24.	35320-6010	Kanukuntla Mani Chandana
25.	35320-6011	Kotha Bhavana
26.	35320-6013	Kota Anusha
27.	35320-6014	RampakaPraveena
28.	35320-6018	KandakatlaTejasri
29.	35320-6019	Danthala Varun Kumar
30.	35320-6020	Allepu Kavya
31.	35320-6022	S Ganesh
32.	35320-6023	Kandikonda Rachana
33.	35320-6024	Ambati Priya
34.	35320-6025	Dyagala Bhanu Priya
35.	35320-6026	KameraSriharika
36.	35320-6027	JanagamRuchitha



*[Signature]*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332

37.	35320-6028	Boda Prashanth
38.	35320-6029	Enumula Pranitha
39.	35320-6031	Jarpula Mohan
40.	35320-6032	Saba Tamkeen
41.	35320-6033	Damera Akash
42.	35320-6034	Gatla Ajay Kumar
43.	35320-6035	Musku Ranjith Kumar
44.	35320-6036	Sangi Soumya
45.	35319-6029	Madasu Jaya Prakash



*[Handwritten signature]*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 492



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Basic life support Training

Date: 24-02-2020 to 29-02-2020

### List of Students Enrolled

S. No	Hall Ticket Number	Name of the Student	Signature
1.	20353D1001	Fathima Buthul	Buthul
2.	20353D1002	Boddula Mahathi	Mahathi
3.	20353D1003	Syed Heena Samreen	Samreen
4.	20353D1004	Iruvala Ajay	Ajay
5.	20353D1005	Bojjam Shravani	Shravani
6.	20353D1006	Arendula Navya	Navya
7.	20353D1007	Kotha Neha	Neha
8.	20353D1008	Devarakonda Akshitha	Akshitha
9.	20353D1009	Alladi Sravani	Sravani
10.	20353D1010	Guguloth Saikumar	Saikumar
11.	20353D1011	Jannu Vishwa Sindhu	Sindhu
12.	20353D1012	Asfiya Meenaaz	Meenaaz
13.	20353D1013	Boddu Manasa	Manasa
14.	20353D1014	Kashetti Sravya	Sravya
15.	20353D1015	Lingala Amrutha	Amrutha
16.	35320-6001	Muthyam Akhila	Akhila
17.	35320-6002	Sriramula Manisha	Manisha
18.	35320-6003	Donthi Ruchitha	Ruchitha
19.	35320-6004	Dasaram Divya Sri	Divya Sri
20.	35320-6005	Chukka Shiva	Shiva
21.	35320-6006	Kathi Amulya	Amulya
22.	35320-6007	Medishetty Sruthi	Sruthi
23.	35320-6009	Thogaru Himabindhu	Himabindhu
24.	35320-6010	Kanukuntla Mani Chandana	Mani Chandana
25.	35320-6011	Kotha Bhavana	Bhavana
26.	35320-6013	Kota Anusha	Anusha
27.	35320-6014	Rampaka Praveena	Praveena
28.	35320-6018	Kandakatla Tejasri	Tejasri
29.	35320-6019	Danthala Varun Kumar	Varun Kumar
30.	35320-6020	Allepu Kavya	Kavya
31.	35320-6022	S Ganesh	Ganesh
32.	35320-6023	Kandikonda Rachana	Rachana
33.	35320-6024	Ambati Priya	Priya
34.	35320-6025	Dyagala Bhanu Priya	Bhanu Priya
35.	35320-6026	Kamera Sriharika	Sriharika



  
Principal

Jayamukhi College of Pharmacy  
Narsampet-506 332

36.	35320-6027	Janagam Ruchitha	Ruchitha
37.	35320-6028	Boda Prashanth	Prashanth
38.	35320-6029	Enumula Pranitha	Pranitha
39.	35320-6031	Jarpula Mohan	Mohan
40.	35320-6032	Saba Tamkeen	Tamkeen
41.	35320-6033	Damera Akash	Akash
42.	35320-6034	Gatla Ajay Kumar	Ajay Kumar
43.	35320-6035	Musku Ranjith Kumar	Ranjith Kumar
44.	35320-6036	Sangi Soumya	Soumya
45.	35319-6029	Madasu Jaya Prakash	Jaya Prakash



  
 Principal  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332



# JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi and Affiliated to Kakatiya University, Warangal

## Workshop on "Basic Life Support Training"

### *Certificate of Participation*

This is to certify that Mr./Ms. K. AMULYA has participated in Workshop on "Basic Life Support Training", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 24-02-2020 to 29-02-2020.



**Principal**

**Dr. S. Vasudeva Murthy**

**Coordinator**

**Mr. D. Mangilal**

**Coordinator**

**Dr. P. Ushasree**

*Principal*

Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## LEARNING OUTCOMES:

Upon completing this workshop, the student was able to:

- Understand the general concepts of Basic Life Support for children and adults
- Understand how to perform CPR for adults, children, and infants
- Be familiar with basic operation of automated external defibrillators
- Describe the principles of Emergency Care
- Understand different first aid to be provided



*S. Venkatesh*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### SUMMARY:

Basic life support training seminar for first-year Pharm.D. and B. Pharmacy students, training was organised by Jayamukhi College of Pharmacy. Basic nervous system and cardiovascular anatomy and physiology were covered in this workshop for the students. It aided the students in comprehending the fundamental ideas of basic life support for both adults and children. Along with teaching them the fundamentals of automated external defibrillators, this course gave the students the skills they needed to perform cardiopulmonary resuscitation on adults, kids, and infants. It outlined the fundamentals of emergency medical treatment and 45 of the 55 total enrollees in the course successfully completed the required work and qualified for the certificate.



Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



## Workshop contents


- Module A: Introduction
- Module B: The Principles of Antimicrobial Prescribing
- Module C: Pharmacology of Antimicrobials
- Module D: Antimicrobial resistance for clinicians
- Module E: Antibiotic allergies
- Module F: Urinary tract infections
- Module G: Community-acquired respiratory tract infections
- Module H: Skin and soft tissue infections
- Module I: Bloodstream infections
- Module J: Antimicrobial Surgical Prophylaxis
- Module K: Acute pharyngitis in adolescents and adults
- Module L: Acute Infectious Diarrhea
- Module M: Ventilator-associated pneumonia
- Module N: Acute Otitis media
- Module O: Interpreting Culture Results



### ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Narsampet in Warangal District with the approval of AICTE, PCI and affiliated to Kakatiya University. The programmes offered by college are designed by Kakatiya University to incorporate a blend of knowledge, skills, and the right attitude. The syllabus of each programme is designed to enable the students to be at par with the needs of the industry. The college is well equipped with fully ventilated laboratories and class rooms creating conducive academic atmosphere for the students to study, and with necessary amenities for co-curricular and extra-curricular activities. The Management has taken care to see that the students are offered with quality education comparable to the very best at the global level. The Management is really overwhelmed with joy that the students going out of the portals of these colleges are well placed in the organizations reputed at global level.



  
**Principal**  
 Jayamukhi College of Pharmacy  
 Narsampet-506 332



## JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi  
 Affiliated to Kakatiya University, Warangal



### Workshop on

### Antimicrobial Stewardship

02-03-2020 to 07-03-2020





## Objectives:

To equip the participants with basic knowledge, skills and attitude to perform with confidence basic life support techniques to save lives.

## Competencies being acquired:

After the workshop, participants will be able to:

1. Describe the principles of Emergency Care;
2. Identify the three kinds of life support, four links of survival for adult and pediatric patients; and discuss the human anatomy and physiology of the nervous, respiratory and circulatory systems;
3. Demonstrate how to provide rescue breathing alone for an adult, child & infant who show signs of circulation but have inadequate or not breathing;
4. Demonstrate how to provide cardiopulmonary resuscitation to an adult, child & infant;
5. Discuss the indications, proper use and maintenance of automated external defibrillator (AED);
6. Demonstrate how to provide abdominal thrust to conscious adult; chest thrust and backslaps to conscious infant; and chest thrust to unconscious adult, child and infant with obstructed airway.

## Registration Fee:

Registration is free. Registration form should be submitted on or before 30-03-2021

## REGISTRATION FORM

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

Hall Ticket No: \_\_\_\_\_

Course: \_\_\_\_\_

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

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

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

### Declaration:

The information provided by me is true to the best of my knowledge. I will abide by the rules and regulations governing the workshop.

Date: \_\_\_\_\_

Signature of the Applicant.

Signature of Head of Organization

### Who can attend?

Students of B. Pharmacy 1st Year and Pharm.D 1st Year



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

<b>Title of the course</b>	<b>: Workshop on Antimicrobial Stewardship</b>
<b>Duration</b>	<b>: 30 Hours</b>
<b>Date of Commencement</b>	<b>: 05-10-2020 to 10-10-2020</b>
<b>Course Co-ordinator</b>	<b>: Dr. S. Manoj Babu &amp; Dr. N. Saichandra</b>

### CURRICULUM:

1. Introduction to Antimicrobial Stewardship
2. The Principles of Antimicrobial Prescribing
3. Pharmacology of Antimicrobials
4. Mechanisms of Antimicrobial resistance
5. Antibiotic allergies/ Adverse effects
6. Prescription guidelines for Urinary tract infections
7. Prescription guidelines for Community-acquired respiratory tract infections
8. Prescription guidelines for Skin and soft tissue infections
9. Prescription guidelines for Bloodstream infections
10. Prescription guidelines for Antimicrobial Surgical Prophylaxis
11. Prescription guidelines for Acute pharyngitis in adolescents and adults
12. Prescription guidelines for Acute Infectious Diarrhoea
13. Prescription guidelines for Ventilator-associated pneumonia
14. Prescription guidelines for Acute Otitis media
15. Interpreting Culture Results
16. Antibiotic Resistance and its global impact
17. The relationship between antibiotic resistance and prescribing
18. How novel diagnostics can help in clinical decision making for antibiotic prescribing
19. Examples of successful antibiotic stewardship from across the globe



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332

## SCHEDULE

Dates	Session-I	Session-II	Session-III	Session-IV
05-10-2020	(09:30 AM-11:00 AM) Introduction to Antimicrobial stewardship (Dr. T. Ravichander, Vaagdevi Pharmacy College)	(11:00 AM- 12:30 PM) The Principles of Antimicrobial Prescribing(Mr. Sharvana Bhava, Vaagdevi College of Pharmacy)	(01:30 PM-03:00 PM) Chemotherapy and Pharmacology of antimicrobials (Ms. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	(03:00 PM-04:30PM) Prescription guidelines for Urinary tract infections (Mr. N. Aravind Kumar, Jayamukhi College of Pharmacy)
06-10-2020	Mechanism of antimicrobial resistance (Ms. M. Rama, Jayamukhi College of Pharmacy)	Antibiotic allergies/ Adverse effects (Ms. K. Jyothi, Jayamukhi College of Pharmacy)	Prescription guidelines for Bloodstream infections (Dr. Md. Razaad, Jayamukhi College of Pharmacy)	Prescription guidelines for Antimicrobial Surgical Prophylaxis (Dr. P. Ushastree, Jayamukhi College of Pharmacy)
07-10-2020	Prescription guidelines for Community-acquired respiratory tract infections (Dr. B. Kalpana, Jayamukhi College of Pharmacy)	Prescription guidelines for Skin and soft tissue infections (Dr. P. Santhosh Kumar, Jayamukhi College of Pharmacy)	Prescription guidelines for Ventilator-associated pneumonia (Dr. S. Manoj Babu, Jayamukhi College of Pharmacy)	Prescription guidelines for Acute Otitis media (Dr. P. Ushastree, Jayamukhi College of Pharmacy)
08-10-2020	Prescription guidelines for Acute pharyngitis in adolescents and adults (Ms. T. Smitha, Jayamukhi College of Pharmacy)	Prescription guidelines for Acute Infectious Diarrhoea (Dr. N. Saichandra, Jayamukhi College of Pharmacy)	Antibiotic Resistance and its global impact (Dr. S. Shyam, Balaji Institute of Pharmaceutical Sciences)	Examples of successful antibiotic stewardship from across the globe(Dr. G. Girija, Vaagdevi Institute of Pharmaceutical Sciences)
09-10-2020	Interpreting Culture Results(Mr. Sharvana Bhava, Vaagdevi College of Pharmacy)			
10-10-2020	The relationship between antibiotic resistance and prescribing (Dr.E. Venkateshwarlu, Vaagdevi College of Pharmacy)		How novel diagnostics can help in clinical decision making for antibiotic prescribing (Dr. T. Ravichander, Vaagdevi Pharmacy College)	
<b>Lunch (12:30 PM-1:30 PM)</b>				





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## ASSESSMENT:

Certificate will be provided to participants based on 75% attendance and obtaining minimum qualifying marks of 60% in the test conducted on the last day of the workshop.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet



JAYAMUKHI EDUCATIONAL SOCIETY

## JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

### Workshop on Antimicrobial Stewardship

Date:05-10-2020 to 10-10-2020

#### List of Participants

S. No	Hall ticket Number	Name of the Student
1.	16353D1001	Akkapatri Sharon Purnima
2.	16353D1002	Devulapalli Chaitanya
3.	16353D1003	Salma Sulthana
4.	16353D1004	Ireni Soumya
5.	16353D1005	Batta Navya
6.	16353D1006	KotadiSaikiran
7.	16353D1007	Adepu Vinay Kumar
8.	16353D1008	MeesalaGangamani
9.	16353D1009	PendemShubhakar
10.	16353D1010	Mesram Rupali
11.	16353D1012	Uppu Anil Kumar
12.	16353D1013	Pothuganti Akhil
13.	16353D1014	Boga Pravalika
14.	16353D1016	BathulaRashmitha Shivani
15.	16353D1017	Maddi Amulya
16.	16353D1019	Ayesha



*[Handwritten signature]*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## Workshop on Antimicrobial Stewardship

Date: 05-10-2020 to 10-10-2020

### List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	16353D1001	Akkapatri Sharon Purnima	Sharon Purnima A
2.	16353D1002	Devulapalli Chaitanya	Chaitanya
3.	16353D1003	Salma Sulthana	Salma Sulthana
4.	16353D1004	Ireni Soumya	Soumya
5.	16353D1005	Batta Navya	B. Navya
6.	16353D1006	Kotadi Saikiran	Saikiran
7.	16353D1007	Adepu Vinay Kumar	Vinay Kumar A
8.	16353D1008	Meesala Gangamani	Gangamani
9.	16353D1009	Pendem Shubhakar	Shubhakar
10.	16353D1010	Mesram Rupali	Rupali
11.	16353D1012	Uppu Anil Kumar	Uppu Anil Kumar
12.	16353D1013	Pothuganti Akhil	Akhil
13.	16353D1014	Boga Pravalika	Boga Pravalika
14.	16353D1016	Bathula Rashmitha Shivani	Shivani
15.	16353D1017	Maddi Amulya	MADDI AMULYA
16.	16353D1019	Ayesha	Ayesha



*[Handwritten Signature]*

Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

**JAYAMUKHI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI New Delhi & affiliated to Kalinga University, Worangol, T.S)  
NARSAMPET, Dist. Worangol - 506 332, (T.S)

## Workshop on "Antimicrobial Stewardship"

### *Certificate of Participation*

This is to certify that Mr./Ms. T. Soumya  
has participated in Workshop on "Antimicrobial Stewardship",  
organized by Jayamukhi College of Pharmacy, Narsampet,  
Warangal from 05-10-2020 to 10-10-2020.

*Sub...*  
Principal  
Jayamukhi College of Pharmacy  
Narsampet-506 332



*Dr. S. Vasudeva Murthy*  
Principal  
Dr. S. Vasudeva Murthy



JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## LEARNING OUTCOMES:

By the end of this course, participants should be able to understand core competencies of antimicrobial stewardship and how they can be applied to common clinical scenarios.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332





JAYAMUKHI EDUCATIONAL SOCIETY

# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
NARSAMPET, Dist. Warangal - 506 332, (T.S)

## SUMMARY:

This workshop on antimicrobial stewardship was organised for Pharm. D 6<sup>th</sup> year students. Antibiotic stewardship is the effort to measure and improve how antibiotics are prescribed by clinicians and used by patients. Improving antibiotic prescribing and use is critical to effectively treat infections, protect patients from harms caused by unnecessary antibiotic use, and combat antibiotic resistance. The primary goal of antimicrobial stewardship is to optimize clinical outcomes while minimizing unintended consequences of antimicrobial use, including toxicity, the selection of pathogenic organisms, and the emergence of resistance. This workshop will equip Clinical Pharmacist/Clinicians who frequently prescribe antimicrobials with knowledge and tools to improve their use of these essential medications in daily clinical practice. Through case-based examples, the course will highlight how antimicrobial stewardship principles can be applied to common clinical scenarios. First foundational clinical knowledge necessary to use antimicrobials wisely will be reviewed. Then, illustrate how we can incorporate this knowledge into the management of patients with common infections through adherence to the five core competencies of appropriate antimicrobial prescribing. This course provided a framework for approaching each clinical encounter from the perspective of combating antimicrobial resistance. The certificate was given to each of the 16 registered students.



**Principal**  
Jayamukhi College of Pharmacy  
Narsampet-506 332