

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
Narsampet

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

16-11-2020 to 21-11-2020





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	: Workshop on Quality by Design and Design of Experiment
Duration	: 30 Hours
Date of Commencement	: 16-11-2020 to 21-11-2020
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




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- Custom Designs

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

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



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Schedule

Dates	Day wise Topic	Resource Persons
16-11-2020	Introduction to Quality by Design <ul style="list-style-type: none"> ▪ FDA and EU guidance on QbD ▪ Purpose and opportunity ▪ QbD benefits and impact on FDA submissions ▪ Systematic product development 	<ul style="list-style-type: none"> ▪ Dr. Y. Shravan (Vaggdevi College of Pharmacy) ▪ Dr. B. Naveen Kumar (Jayamukhi College of Pharmacy) ▪ Dr. B. Chandra Shekar Reddy (Vaagdevi Pharmacy College) ▪ Dr. E. Venkateshwarlu (Vaagdevi College of Pharmacy)
17-11-2020	Systematic Product Development <ul style="list-style-type: none"> ▪ Market understanding ▪ Target Product Profile (TPP) ▪ Quality Target Product Profile (QTPP) ▪ Critical Quality Attributes (CQAs) ▪ CQA flow down and line of sight 	<ul style="list-style-type: none"> ▪ Mr. M. Sunil (Jayamukhi Institute of Pharmaceutical Sciences) ▪ Ms. P. Anusha (Jayamukhi College of Pharmacy) ▪ Ms. M. Nirmala (Jayamukhi College of Pharmacy) ▪ Mr. T. Ashwin Kumar (Jayamukhi College of Pharmacy) ▪ Mrs. B. Krishnaveni (Vaagdevi College of Pharmacy)
18-11-2020	QbD Implications to Analytical Method and Process Development <ul style="list-style-type: none"> ▪ Method development implications ▪ Process development implications ▪ QbD and Validation (Lifecycle Approach) 	
19-11-2020	Design of Experiments in Pharmaceutical Development <ul style="list-style-type: none"> ▪ Introduction ▪ DOE and One Factor at a Time Experiments ▪ Experimental Preparation ▪ Full Factorial Designs ▪ Screening Designs: Augment design ▪ Custom Designs 	
20-11-2020	How to Use DOE? Hand-on Session on DOE Project	
21-11-2020	Design of Experiments for the Development of different Pharmaceutical Products	



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ASSESSMENT:

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



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

Workshop on Quality by Design and Design of Experiment

Date: 16-11-2020 to 21-11-2020

List of Participants

S. No	Hall ticket Number	Name of the Student
1	21353P1001	KakkerlaSoujanya
2	21353P1002	Gabbeta Bhavana
3	21353P1003	Thota Harini
4	21353P1004	Valasa Deepika
5	21353P1005	MaraganiVineetha
6	21353P1006	Mohammad Sana Kousar
7	21353P1007	Singathi Kavya
8	21353P1008	Sayyad Babarpasha
9	21353P1009	Udari Satish
10	21353P1010	Banoth Mahender
11	21353P1011	Eslavath Mamatha
12	21353P1012	DhulaNavya



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2020-21



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

Workshop on Quality by Design and Design of Experiment

Date: 16-11-2020 to 21-11-2020

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1	21353P1001	Kakkerla Soujanya	Kakkerla Soujanya
2	21353P1002	Gabbeta Bhavana	G. Bhavana
3	21353P1003	Thota Harini	Thota Harini
4	21353P1004	Valasa Deepika	V. Deepika
5	21353P1005	Maragani Vineetha	Vineetha M.
6	21353P1006	Mohammad Sana Kousar	Sana Kousar
7	21353P1007	Singathi Kavya	S. Kavya
8	21353P1008	Sayyad Babarpasha	Sayyad Babarpasha
9	21353P1009	Udari Satish	Udari Satish
10	21353P1010	Banoth Mahender	Mahender B.
11	21353P1011	Eslavath Mamatha	Eslavath Mamatha
12	21353P1012	Dhula Navya	D. Navya



S. K.
Principal

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

Workshop on "Quality by Design and Design of Experiment"

Certificate of Participation

This is to certify that Mr./Ms. S.Kanya has participated in Workshop on "Quality by Design and Design of Experiment", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 16-11-2020 to 21-11-2020.



[Signature]
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Jayamukhi College of Pharmacy
Narsampet-506 332

[Signature]
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Dr. S. Vasudeva Murthy



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NARSAMPET, Dist. Warangal - 506 332, (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 Design of Experiment in practice



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

SUMMARY:

Workshop on Quality by Design and Design of Experiment was conducted for the students of M. Pharmacy First Year Pharmaceutics. This workshop clarifies the concept of pharmaceutical quality by design and describes its elements which includes a quality target product profile that identifies the critical quality attributes of the drug product; product design and understanding including identification of critical material attributes; process design and understanding including identification of critical process parameters, linking critical material attributes and critical process parameters to critical quality attributes; a control strategy that includes specifications for the drug substance(s), excipient(s), and drug product as well as controls for each step of the manufacturing process; and process capability and continual improvement. QbD tools and studies include prior knowledge, risk assessment, mechanistic models, design of experiments (DoE) and data analysis, and process analytical technology. The goals of implementing pharmaceutical QbD are to reduce product variability and defects, thereby enhancing product development and manufacturing efficiencies and post approval change management. It is achieved by designing a robust formulation and manufacturing process and establishing clinically relevant specifications. Certificate was provided to all the 12 participants.



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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

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WORKSHOP ON NANOMEDICINE AND NANO FORMULATIONS

17-09-2020 to 22-09-2020



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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 15-09-2020



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

Title of the course	: Workshop on Nanomedicine and Nano Formulations
Duration	: 30 Hours
Date of Commencement	: 17-09-2020 to 22-09-2020
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 Photo thermal 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



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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)
17-09-2020	Introduction to nano-technology, nanomedicine and nano formulations(Dr. M. Swapna, 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)
18-09-2020	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)			
19-09-2020	Nanoparticulate and their applications in drug delivery (Dr. Y. Sravan Kumar, Vaagdevi College of Pharmacy)			
20-09-2020	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)	Characteristics of nano formulations (Ms. P. Anusha, Jayamukhi College of Pharmacy)
21-09-2020	Nanotechnology-based advanced therapeutics (Dr. M. Radhakishan, Vaagdevi Institute of Pharmaceutical Sciences)			
22-09-2020	Nanotechnology-based Theranostics (Dr. B. Chandra Shekar Reddy, Vaagdevi Pharmacy College)			
Lunch (12:30 PM-1:30 PM)				
Challenges in the use of nano formulations for drug delivery (Dr. B. Chandra Shekar Reddy, Vaagdevi Pharmacy College)				
Characteristics of Nano-medicine (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)				
Stability testing of nanoparticles (Mr. A. Kiran Kumar, Sahasra Institute of Pharmaceutical Sciences)				
Nano-ethics (Mr. A. Kiran Kumar, Sahasra Institute of Pharmaceutical Sciences)				
Future perspectives of Nanomedicine and Nano Formulations (Ms. P. Anusha, Jayamukhi College of Pharmacy)				



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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



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

Certificate Course on Nanomedicine and Nano-formulations

Date: 17-09-2020 to 22-09-2020

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	35320-6018	KandakatlaTejasri
17	35320-6020	Allepu Kavya
18	35320-6022	S Ganesh
19	35320-6023	Kandikonda Rachana
20	35320-6024	Ambati Priya
21	35320-6025	Dyagala Bhanu Priya
23	35320-6027	JanagamRuchitha
25	35320-6029	Enumula Pranitha
28	35320-6032	Saba Tamkeen
30	35320-6034	Gatla Ajay Kumar
31	35320-6035	Musku Ranjith Kumar
32	35320-6036	Sangi Soumya
33	35320-6037	L.Bhargav Raj
34	35320-6039	Bollam Rakesh



S. Kumar

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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Certificate Course on Nanomedicine and Nano-formulations

Date: 17-09-2020 to 22-09-2020

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1	35320-6001	Muthyam Akhila	M. Akhila
2	35320-6002	Sriramula Manisha	Manisha
3	35320-6003	Donthi Ruchitha	Ruchitha
4	35320-6004	Dasaram Divya Sri	Divya Sri
5	35320-6005	Chukka Shiva	chukka SHIVA
6	35320-6006	Kathi Amulya	Amulya
7	35320-6007	Medishetty Sruthi	M. Sruthi
8	35320-6008	Errabothula Shwetha	Shwetha
9	35320-6009	Thogaru Himabindhu	T. Himabindhu
10	35320-6010	Kanukuntla Mani Chandana	chandana
11	35320-6011	Kotha Bhavana	K. Bhavana
12	35320-6012	Gangula Lokesh	Lokesh
13	35320-6013	Kota Anusha	Anusha
14	35320-6014	Rampaka Praveena	Praveena. R.
15	35320-6018	Kandakarla Tejasri	Tejasri
17	35320-6020	Allepu Kavya	Kavya
18	35320-6022	S Ganesh	S. Ganesh
19	35320-6023	Kandikonda Rachana	Rachana
20	35320-6024	Ambati Priya	Priya
21	35320-6025	Dyagala Bhanu Priya	Bhanu priya
23	35320-6027	Janagam Ruchitha	J. Ruchitha
25	35320-6029	Enumula Pranitha	Pranitha
28	35320-6032	Saba Tamkeen	Saba Tamkeen
30	35320-6034	Gatla Ajay Kumar	G. Ajay Kumar
31	35320-6035	Musku Ranjith Kumar	Ranjith Kumar
32	35320-6036	Sangi Soumya	Soumya
33	35320-6037	L. Bhargav Raj	L. Bhargav Raj
34	35320-6039	Bollam Rakesh	Rakesh




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JAYAMUKHI COLLEGE OF PHARMACY

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Workshop on "Nanomedicine and Nano-formulations"

Certificate of Participation

This is to certify that Mr./Ms. Saba Tankeen has participated in workshop on "Nanomedicine and Nano-formulations", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 07-01-2019 to 12-01-2019.



S. Vasudeva Murthy
Principal

Dr. S. Vasudeva Murthy

Nirmala
Coordinator

Ms. M. Nirmala

P. Anusha
Coordinator

Ms. P. Anusha

S. Vasudeva Murthy
Principal

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Narsampet-506 332



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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



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NARSAMPET, Dist. Warangal - 506 552, (T.S)

SUMMARY:

To enlighten students regarding nanotechnology Workshop on Nanomedicine and Nano Formulations was conducted for B. Pharmacy Second year students. Nanotechnology combines science and technology with the ability to manipulate structures and properties at the nanoscale size range, which lies between 1 and 100 nm. The ability to manipulate molecules on such a fine scale has application in many areas of basic science and in clinical treatment, diagnosis, and managing disease, which is known as "nanomedicine". Nanotechnology has been introduced since the 1980s in drug delivery systems to treat ocular disease. The development of nanoformulation produces an ability to overcome barriers, improve drug residence time on the surface, increase permeability and bioavailability of the drug, reduce degradation of unstable drug and be well tolerated by the patient compared to the conventional drug. Organic and inorganic nanoparticles provide a new tool to address the unmet clinical needs with a significant improvement in drug delivery. Various nanoparticle formulations have been fabricated, including lipid-based nanoparticles, nanosuspension, nanoemulsion, and metal-based nanoparticles. With several advantages like drug targeting, sustainability, and increased bioavailability, nanomedicine promises to revolutionize the medical markets. Insights were conferred to the participants regarding nanotoxicity and regulatory requirements of nanoformulation. 34 out of 35 registered students completed the course.




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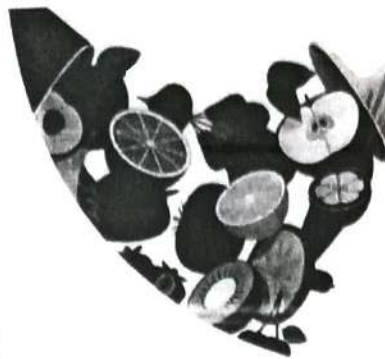
Approved by AICTE and PCI, New Delhi
Affiliated to Kakatiya University, Warangal



CERTIFICATE COURSE ON FUNCTIONAL FOOD AND NUTRACEUTICALS .

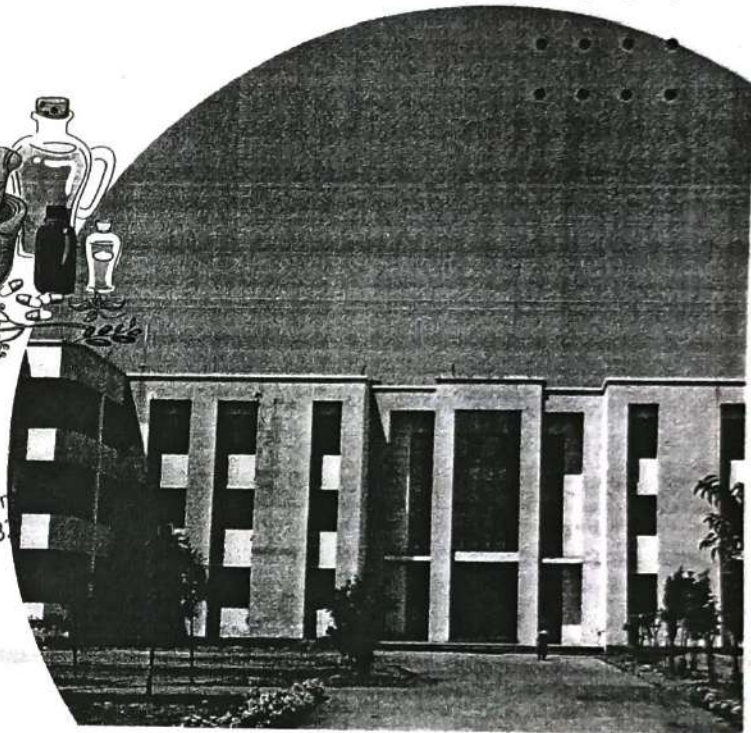
15-02-2021 TO 20-02-2021

PHARM.D 2ND YEAR



ABOUT THE INSTITUTION

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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. Rasaad

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Course content

on uses of nanotechnology in
the course will cover clinical
toxicity issues, tissue engineering
and higher order structuring of
Furthermore the course will cover
drug delivery systems
synthesis, and uses. In addition,
biological, cellular and molecular
aspects of industrially encountered
technologies and less on the

Learning outcome

After the course, the student should be able

technological approaches can be
applied

properties and interaction of biomaterials
and tissues

cell biology and corresponding
engineering

obstacles and solutions for
solid nanosized drug delivery

biological aspects of nanosized

additional available information

Registration Form

Full Name: _____

Hall Ticket No: _____

Course: _____

Year: _____

Mobile: _____

Email: _____

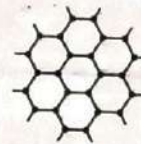
Declaration:

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 15-09-2020



JAYAMUKHI EDUCATIONAL SOCIETY

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(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 Functional Food and Nutraceuticals**

Duration : **30 Hours**

Date of Commencement : **15-02-2021 to 20-02-2021**

Course Co-ordinator : **Ms. T. Smitha & Dr. Md. Rasaad**

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.



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- 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.



A handwritten signature in green ink, appearing to be "S. Srinivas".

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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)		
15-02-2021	Basic concepts of nutraceuticals (Ms. Ch. Vijitha, Vaagdevi College, Bollikunta)	Understanding benefits of functional foods and nutraceuticals (Mr. M. Anil Jayamukhi College of Pharmacy)	Lunch (12:30 PM-1:30 PM)			
16-02-2021	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)			Antioxidants: Fundamentals, Food Application, and Health Effects (Dr. Ch. Praveena, Jayamukhi Institute of Pharmaceutical Sciences)	
17-02-2021	Applications of Herbs to Functional Foods (Ms. Ch. Vijitha, Vaagdevi College, Bollikunta)	Health Benefits of Spices and Condiments (Dr. G. Hemalatha, Jayamukhi College of Pharmacy)			Prebiotics and Probiotics (Dr. K. Srinivas Reddy, Vaagdevi College of Pharmacy)	Pharmacopeial Specifications for dietary supplements and nutraceuticals. (Ms. I. Shalini, Jayamukhi College of Pharmacy)
18-02-2021	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)				Design and Development of Nutraceuticals (Dr. Ch. Praveena, Jayamukhi Institute of Pharmaceutical Sciences)	Anti-nutritional Factors (Dr. Ch. Praveena, Jayamukhi Institute of Pharmaceutical Sciences)
19-02-2021	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)			Regulatory Aspects: FSSAI, FDA, FPO, MPO, AGMARK. HACCP and GMPs on Food Safety. Adulteration of foods (Dr. M. Radhakishan, Vaagdevi Institute of Pharmaceutical Sciences)	Marketing and Regulatory Issues for Functional Foods and Nutraceuticals (Mr. Md. Wajid, Jayamukhi Institute of Pharmaceutical Sciences)
20-02-2021	Marketing and sales of Nutraceuticals (Ms. Ch. Vijitha, Vaagdevi College, Bollikunta)	Industrial applications of Nutraceuticals (Ms. T. Smitha, Jayamukhi College of Pharmacy)			Non-Nutrient Effect of Specific Nutrients (Dr. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	



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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.



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Certificate Course on Functional Food and Nutraceuticals

Date: 15-02-2021 to 20-02-2021

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	20353D1010	GugulothSaikumar
10	20353D1011	Jannu Vishwa Sindhu
11	20353D1012	AsfiyaMeenaaz
12	20353D1013	BodduManasa
13	20353D1014	KashettiSravya
14	20353D1015	Lingala Amrutha

S. J.



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


Certificate Course on Functional Food and Nutraceuticals

Date: 15-02-2021 to 20-02-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1	20353D1001	Fathima Buthul	F. 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	Arendula Navya
7	20353D1007	Kotha Neha	K. Neha
8	20353D1008	Devarakonda Akshitha	Akshitha
9	20353D1010	Guguloth Saikumar	Saikumar
10	20353D1011	Jannu Vishwa Sindhu	J. Vishwa Sindhu
11	20353D1012	Asfiya Meenaaz	Meenaaz
12	20353D1013	Boddu Manasa	B. MANASA
13	20353D1014	Kashetti Sravya	Sravya
14	20353D1015	Lingala Amrutha	Amrutha




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Certificate Course on "Functional Food and Nutraceuticals"

Certificate of Completion


This is to certify that Mr./Ms. K. Shavya has successfully completed Certificate Course on "Functional Food and Nutraceuticals", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 15-02-2021 to 20-02-2021.


Coordinator
Ms. T. Smitha


Coordinator
Dr. Md. Rasaad




Principal
Jayamukhi College of Pharmacy
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Principal
Dr. S. Vasudeva Murthy



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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.



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SUMMARY:

Certificate Course on Functional Food and Nutraceuticals was conducted for Pharm.D third year students. Nutraceuticals have received considerable interest because of safety and substantial nutritional and therapeutic effects. Nutraceuticals used in the treatment and prevention of different diseases. Nutrients, herbals and dietary supplements are major components of nutraceuticals for maintaining of health, act against various disease conditions and thus promote the quality of life. Nutraceuticals has shown their health benefits and disease prevention capability, which should be taken according to their acceptable recommended intake. Nutraceuticals can provide substantial health benefits especially in the prevention and/or treatment of acute and chronic human diseases, thereby promoting optimal health, longevity and quality of life. But its development depends on its quality, safety, long-term adverse effects, and toxicity as well as supplementation studies and clinical trials in humans. Regulatory aspects of nutraceuticals too was dealt in detail. 14 students who enrolled for this course received the certificate.




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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: Dr. G. Hemalatha
Mr. M. Anil



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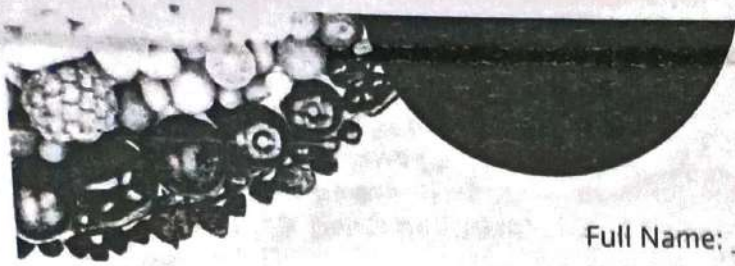
Workshop on Effective Interpersonal & Communication Skills

18-01-2021 to 06-02-2021



S. Hemalatha
Principal
Jayamukhi College of Pharmacy
Narsampet-506 332





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.

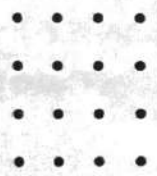
Signature of Head of Organization

THE COURSE:

gram covers health-promoting components, as well as their actions and mechanisms of action. to describe what functional foods classify functional foods, discuss applications and mechanisms of discuss the industry applications of completing this certificate course.

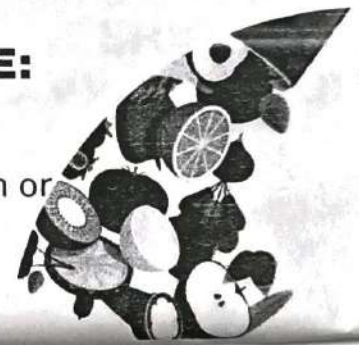
COURSE LAYOUT

- Functional Foods and Nutraceuticals
- Probiotics, Prebiotics and Synbiotics
- Beneficial Microorganisms
- Nutritional Factors,
- Alternative Biodynamic Principles in
- and Plant extracts
- of Specific Nutrients



REGISTRATION FEE:

Registration form along with registration fee of Rs.100/- on or before 13-02-2021





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Title of the course	: Workshop on Effective Interpersonal & Communication Skills
Duration	: 30 Hours
Date of Commencement	: 18-01-2019 to 06-02-2019
Course Co-ordinator	: Dr. G. Hemalatha & Mr. M. Anil
Time	: Forenoon Session 12.00 PM to 01:00 PM Afternoon Session 04:00 PM to 05:00 PM

CURRICULUM:

- Topic – 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
- Topic – II Social Skills: Appropriate and contextual use of language- non-verbal communication- interpersonal skills- problem solving.
- Topic – III Personality Development: Personal grooming and business etiquettes, corporate etiquette, social etiquette and telephone etiquette, role play and body language.
- Topic – IV Presentation skills: Group discussion- mock Group Discussion using video recording – public speaking.
- Topic – 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
- Topic – VI Professional skills: Organisational skills- team work- business and technical correspondence- job oriented skills-professional etiquettes.
- Topic– 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
- Topic– VIII Communication Skills



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Schedule

Dates	Topic (Resource Person)	Resource Person
18-01-2019 to 20-01-2019	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)
25-01-2019 to 27-01-2019	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.	Dr. Syeda Viqar Malik Vaagdevi College of Pharmacy)
01-02-2019 to 03-02-2019	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	Dr. E. Sriram (Jayamukhi Institute of Management Sciences)
04-02-2019 to 06-02-2019	Professional skills: Organisational skills- team work- business and technical correspondence- job oriented skills-professional etiquettes	Dr. S. Manoj Babu (Jayamukhi College of Pharmacy)
18-01-2019 to	Assertiveness: How to express assertiveness; How can you be assertive;	Prof. Y. Madhusudhan Rao (Vaagdevi Institute of



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06-02-2019	How to deal with Non-assertive; Why is assertiveness important; characteristics of assertiveness; Principles of assertiveness; Types of Behaviour	Pharmaceutical Sciences)
18-01-2019 to 06-02-2019	Communication Skills	Mr. Hameed Pasha (Jayamukhi Institute of Technological Sciences)



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Assessment:

An 75% of attendance is compulsory for certificate.



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Workshop on Effective Interpersonal & Communication Skills

Date:18-01-2021 to 06-02-2021

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	35321-6001	GundekariNavatha
2.	35321-6002	Rane Yashwanth
3.	35321-6003	Mood Hussain
4.	35321-6006	GopaganiSoujanya
5.	35321-6007	Challa Archana
6.	35321-6008	NaallaSarayu
7.	35321-6009	Javaji Bhanu Sri
8.	35321-6010	NomulaKamalakar
9.	35321-6011	Bandari Meghana
10.	35321-6012	Lyadalla Deepa
11.	35321-6013	VankudothTharunkumar
12.	35321-6014	Dasaroju Bhargavi
13.	35321-6015	ShankaraBhaktula Sushma
14.	35321-6016	ThogaruVishwani
15.	35321-6017	Poleboina Bhoomika
16.	35321-6018	Guguloth Sonia
17.	35321-6023	BommaSirichandana
18.	35321-6024	Sindham Ananth Kumar
19.	35321-6025	Allam Naga Anvesh
20.	35321-6029	Gone Akhil
21.	35321-6030	Sriram Harshith Pritham
22.	35321-6031	Badavath Thirumal Prasad
23.	35321-6032	Anthadupula Shruthi
24.	35321-6033	Parlapelli Pavan
25.	35321-6034	DupatiJyothsna
26.	35321-6035	Lingala Pravalika
27.	35321-6036	Chandragiri Sarika
28.	35321-6038	Mohammad Asif
29.	35321-6039	Mohammed Abdul Arshad
30.	35321-6040	MoturiTejashwini
31.	35321-6043	Musku Bhanu
32.	35321-6044	PaidipellySpandhana
33.	35321-6045	SeepathiArunkumar
34.	35321-6046	Saadu Deepika



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35.	35321-6048	Rasamalla Priyanka
36.	35320-6001	MuthyamAkhila
37.	35320-6002	Sriramula Manisha
38.	35320-6004	DasaramDivya Sri
39.	35320-6006	Kathi Amulya
40.	35320-6007	Medishetty Sruthi
41.	35320-6010	Kanukuntla Mani Chandana
42.	35320-6011	Kotha Bhavana
43.	35320-6012	Gangula Lokesh
44.	35320-6013	Kota Anusha
45.	35320-6014	RampakaPraveena
46.	35320-6018	KandakatlaTejasri
47.	35320-6019	Danthala Varun Kumar
48.	35320-6024	Ambati Priya
49.	35320-6025	Dyagala Bhanu Priya
50.	35320-6026	KameraSriharika
51.	35320-6027	JanagamRuchitha
52.	35320-6029	Enumula Pranitha
53.	35320-6030	Durgam Ramya
54.	35320-6031	Jarpula Mohan
55.	35320-6032	Saba Tamkeen
56.	35320-6036	Sangi Soumya
57.	35319-6029	Madasu Jaya Prakash
58.	35318-6017	ChilapakaPrudhvi
59.	35318-6033	Katukam Sai Deekshith
60.	35318-6038	Rallabandi Vinay
61.	35319-6001	KasamChandhana
62.	35319-6006	GaddamediManasa
63.	35319-6007	Mondeddula Deepika
64.	35319-6008	BodigeHarshitha
65.	35319-6009	GuntoogDivya
66.	35319-6014	BodakuntlaRamyasri
67.	35319-6016	Kurra Ramya
68.	35319-6017	Masna Vaishnavi
69.	35319-6018	Kasarapu Rekha
70.	35319-6019	Jangili Shiva
71.	35319-6021	Kodari Ajay
72.	35319-6022	Velpula Naresh
73.	35319-6023	Kanneboina Karthik
74.	35319-6028	Munigela Keerthi
75.	35319-6030	Thatikayala Prashanth
76.	35319-6031	Mothukuri Vanaja
77.	35319-6032	Ajmeera Suresh
78.	35319-6033	RamatenkiDivya
79.	35318-6001	Chitte Rachana
80.	35318-6003	Kerla Ranjith
81.	35318-6004	Nimmathi Deepika
82.	35318-6007	MadathaManasa

83.	35318-6008	Kasoju Sravan Kumar
84.	35318-6009	Kothapelli Vijay
85.	35318-6010	KodamNagaraju
86.	35318-6012	Amma Divya
87.	35318-6013	PendyalaSankeerthana
88.	35318-6016	Shameem Sulthana
89.	35318-6019	Kola Madhuri
90.	35318-6020	AyishaFarheen
91.	35318-6022	OramgantiVineela
92.	35318-6023	Uppu Swathi
93.	35318-6025	MudigiriManasa
94.	35318-6026	Bairaboina Ganesh
95.	35318-6027	SamalaSravani
96.	35318-6028	GullepelliPoojasri
97.	35318-6030	Regalla Mamatha
98.	35318-6037	Kakkerla Sushma Swaraj
99.	21353D1001	Vaskula Sushma Swaraj
100.	21353D1002	Kondoju Bhumika
101.	21353D1003	Madgula Sony
102.	21353D1004	Madagani Ajay
103.	21353D1005	NathiAkhila
104.	21353D1006	Elakanti Ramya Sri
105.	21353D1007	ThuppariSindhuj
106.	21353D1008	SouramSravanthi
107.	21353D1009	Chittaveni Harika
108.	21353D1010	RamyasreeNerella
109.	21353D1011	ThallaMaina
110.	21353D1012	DameraRakshitha
111.	21353D1013	S Bhovana Chandra
112.	21353D1014	JuttukondaVarshitha
113.	18353D1001	NamilikondaHimaja
114.	18353D1002	DonthulaHanish
115.	18353D1003	Mydam Akhil Kumar
116.	18353D1004	PanjalaNavya
117.	18353D1005	Mohd Yaseen
118.	18353D1006	GopaganiPrathyusha
119.	18353D1007	Pilli Yeshasvi
120.	18353D1008	RudrojuNikhila
121.	18353D1009	PoshaboinaNavya
122.	18353D1010	Medikonda Apoorva
123.	18353D1011	Gadam Archana
124.	17353D1011	GorreChidvilash

S. S. S.



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

Workshop on Effective Interpersonal & Communication Skills

Date: 18-01-2021 to 06-02-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	35321-6001	Gundekari Navatha	Navatha
2.	35321-6002	Rane Yashwanth	Yashwanth
3.	35321-6003	Mood Hussain	M. Hussain
4.	35321-6006	Gopagani Soujanya	Soujanya
5.	35321-6007	Challa Archana	Ch. Archana
6.	35321-6008	Naalla Sarayu	Sarayu
7.	35321-6009	Javaji Bhanu Sri	Bhanu Sri
8.	35321-6010	Nomula Kamalakar	N. Kamalakar
9.	35321-6011	Bandari Meghana	Meghana
10.	35321-6012	Lyadalla Deepa	Deepa
11.	35321-6013	Vankudoth Tharunkumar	Tharunkumar
12.	35321-6014	Dasaroju Bhargavi	Bhargavi
13.	35321-6015	Shankara Bhaktula Sushma	Sushma
14.	35321-6016	Thogaru Vishwani	Vishwani
15.	35321-6017	Poleboina Bhoomika	P. Bhoomika
16.	35321-6018	Guguloth Sonia	Sonia
17.	35321-6023	Bomma Sirichandana	Sirichandana
18.	35321-6024	Sindham Ananth Kumar	S. Ananth Kumar
19.	35321-6025	Allam Naga Anvesh	A. Naganvesh
20.	35321-6029	Gone Akhil	Akhil
21.	35321-6030	Sriram Harshith Pritham	Harshith Pritham
22.	35321-6031	Badavath Thirumal Prasad	Thirumal Prasad
23.	35321-6032	Anthadupula Shruthi	Shruthi
24.	35321-6033	Parlapelli Pavan	Pavan
25.	35321-6034	Dupati Jyothsna	Jyothsna
26.	35321-6035	Lingala Pravalika	Pravalika
27.	35321-6036	Chandragiri Sarika	Sarika
28.	35321-6038	Mohammad Asif	Asif
29.	35321-6039	Mohammed Abdul Arshad	Abdul-Arshad
30.	35321-6040	Moturi Tejashwini	Tejashwini
31.	35321-6043	Musku Bhanu	Bhanu
32.	35321-6044	Paidipelly Spandhana	Spandhana
33.	35321-6045	Seepathi Arunkumar	Arunkumar
34.	35321-6046	Saadu Deepika	S. Deepika
35.	35321-6048	Rasamalla Priyanka	Priyanka
36.	35320-6001	Muthyam Akhila	Akhila



Shrini
Principā

Jayamukhi College of Pharmacy
Narsampet-506 332


37.	35320-6002	Sriramula Manisha	Manisha
38.	35320-6004	Dasaram Divya Sri	Divya sri
39.	35320-6006	Kathi Amulya	Amulya
40.	35320-6007	Medishetty Sruthi	Peeuthi
41.	35320-6010	Kanukuntla Mani Chandana	Manichandana
42.	35320-6011	Kotha Bhavana	Bhavana
43.	35320-6012	Gangula Lokesh	Lokesh
44.	35320-6013	Kota Anusha	Anusha
45.	35320-6014	Rampaka Praveena	Praveena
46.	35320-6018	Kandakatla Tejasri	Tejasri
47.	35320-6019	Danthala Varun Kumar	Varunkumar
48.	35320-6024	Ambati Priya	Priya
49.	35320-6025	Dyagala Bhanu Priya	Bhanupriya
50.	35320-6026	Kamera Sriharika	Sriharika
51.	35320-6027	Janagam Ruchitha	Ruchitha
52.	35320-6029	Enumula Pranitha	Pranitha
53.	35320-6030	Durgam Ramya	Ramya
54.	35320-6031	Jarpula Mohan	Mohan
55.	35320-6032	Saba Tamkeen	Tamkeen
56.	35320-6036	Sangi Soumya	Soumya
57.	35319-6029	Madasu Jaya Prakash	Jaya Prakash
58.	35318-6017	Chilapaka Prudhvi	Prudhvi
59.	35318-6033	Katukam Sai Deekshith	Deekshith
60.	35318-6038	Rallabandi Vinay	Vinay
61.	35319-6001	Kasam Chandhana	Chandhana
62.	35319-6006	Gaddamedi Manasa	Manasa
63.	35319-6007	Mondeddula Deepika	Deepika
64.	35319-6008	Bodige Harshitha	Harshitha
65.	35319-6009	Guntoog Divya	Divya
66.	35319-6014	Bodakuntla Ramyasri	Ramyasri
67.	35319-6016	Kurra Ramya	K. Ramya
68.	35319-6017	Masna Vaishnavi	Vaishnavi
69.	35319-6018	Kasarapu Rekha	Rekha
70.	35319-6019	Jangili Shiva	Shiva
71.	35319-6021	Kodari Ajay	Ajay
72.	35319-6022	Velpula Naresh	Naresh
73.	35319-6023	Kanneboina Karthik	Karthik
74.	35319-6028	Munigela Keerthi	Keerthi
75.	35319-6030	Thatikayala Prashanth	Prashanth
76.	35319-6031	Mothukuri Vanaja	Vanaja
77.	35319-6032	Ajmeera Suresh	Suresh
78.	35319-6033	Ramatenki Divya	Divya
79.	35318-6001	Chitte Rachana	Rachana
80.	35318-6003	Kerla Ranjith	Ranjith
81.	35318-6004	Nimmathi Deepika	Deepika
82.	35318-6007	Madatha Manasa	Manasa
83.	35318-6008	Kasoju Sravan Kumar	Sravan Kumar
84.	35318-6009	Kothapelli Vijay	Vijay




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85.	35318-6010	Kodam Nagaraju	K. Nagaraju
86.	35318-6012	Amma Divya	A. Divya
87.	35318-6013	Pendyala Sankeerthana	P. Sankeerthana
88.	35318-6016	Shameem Sulthana	S. Sulthana
89.	35318-6019	Kola Madhuri	K. Madhuri
90.	35318-6020	Ayisha Farheen	A. Farheen
91.	35318-6022	Oramganti Vineela	O. Vineela
92.	35318-6023	Uppu Swathi	U. Swathi
93.	35318-6025	Mudigiri Manasa	M. Manasa
94.	35318-6026	Bairaboina Ganesh	B. Ganesh
95.	35318-6027	Samala Sravani	S. Sravani
96.	35318-6028	Gullepelli Poojasri	G. Poojasri
97.	35318-6030	Regalla Mamatha	R. Mamatha
98.	35318-6037	Kakkerla Sushma Swaraj	K. Sushma Swaraj
99.	21353D1001	Vaskula Sushma Swaraj	V. Sushma Swaraj
100.	21353D1002	Kondoju Bhumika	K. Bhumika
101.	21353D1003	Madgula Sony	M. Sony
102.	21353D1004	Madagani Ajay	M. Ajay
103.	21353D1005	Nathi Akhila	N. Akhila
104.	21353D1006	Elakanti Ramya Sri	E. Ramya Sri
105.	21353D1007	Thuppari Sindhuja	T. Sindhuja
106.	21353D1008	Souram Sravanthi	S. Sravanthi
107.	21353D1009	Chittaveni Harika	C. Harika
108.	21353D1010	Ramyasree Nerella	R. Nerella
109.	21353D1011	Thalla Maina	T. Maina
110.	21353D1012	Damera Rakshitha	D. Rakshitha
111.	21353D1013	S Bhovana Chandra	S. Chandra
112.	21353D1014	Juttukonda Varshitha	J. Varshitha
113.	18353D1001	Namilikonda Himaja	N. Himaja
114.	18353D1002	Donthula Hanish	D. Hanish
115.	18353D1003	Mydam Akhil Kumar	M. Kumar
116.	18353D1004	Panjala Navya	P. Navya
117.	18353D1005	Mohd Yaseen	M. Yaseen
118.	18353D1006	Gopagani Prathyusha	G. Prathyusha
119.	18353D1007	Pilli Yeshasvi	P. Yeshasvi
120.	18353D1008	Rudroju Nikhila	R. Nikhila
121.	18353D1009	Poshaboina Navya	P. Navya
122.	18353D1010	Medikonda Apoorva	M. Apoorva
123.	18353D1011	Gadam Archana	G. Archana
124.	17353D1011	Gorre Chidvilash	G. Chidvilash




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

Workshop on "Effective Interpersonal & Communication Skills"

Certificate of Participation

This is to certify that Mr./Ms. G. AKHIL has participated in Workshop on "Effective Interpersonal & Communication Skills", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 18-01-2021 to 06-02-2021.

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Principal
Dr. S. Vasudeva Murthy



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NARSAMPET, Dist. Warangal - 506 552, (T.S)

Learning Outcomes:

Participants were able to learn:

- Critically think about communication processes and messages
- Positive Body Language
- Interpersonal Skills
- Professional Skills
- Management Skills
- Presentation Skills
- Effective Speaking Skills
- Recognize the effects of diversity, access, and power on communication



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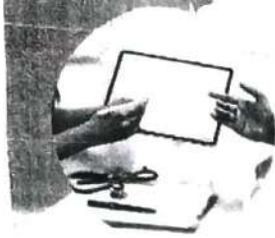
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NARSAMPET, Dist. Warangal - 506 332, (T.S)

SUMMARY:

Workshop on Effective Interpersonal & Communication Skills was conducted by Jayamukhi College of Pharmacy. Communication skills enable individuals to understand others and to be understood themselves. A variety of aspects are important in the context of these skills, such as listening, speaking, observing and empathy. In everyday life, these skills are required to communicate ideas to others, develop a confident attitude, respect for others and public speaking. Developing these skills helps many people make progress in the workplace. Interpersonal skills are often referred to as people skills, social skills, or social intelligence. They involve reading the signals that others send and interpreting them accurately in order to form effective responses. Individuals show their interpersonal skills all the time simply by interacting with others. This workshop helped students to improve their interpersonal skills, presentation skills and communication skills.




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ABOUT THE INSTITUTION

AYAMUKHI 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

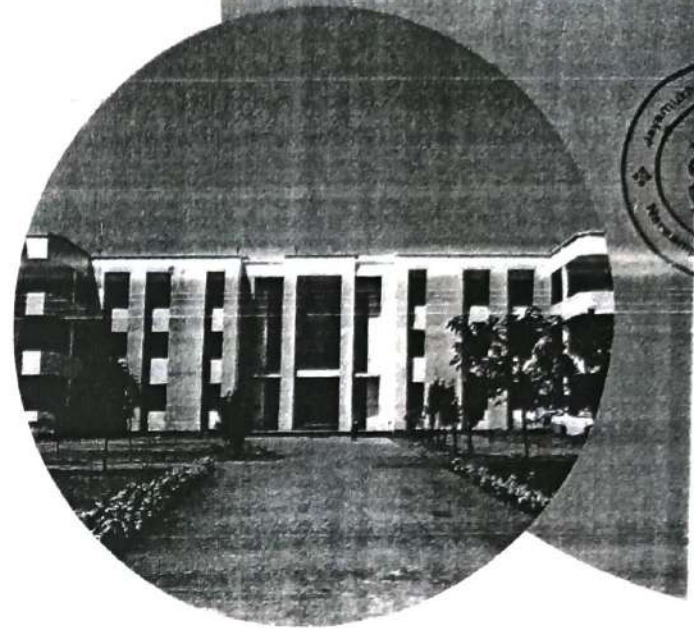
Chief Patron: Dr. Ch. Devender Reddy

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

23-11-2020 to 28-11-2020





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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	: 23-11-2020 to 28-11-2020
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



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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.



A handwritten signature in green ink, appearing to be "S. S. S." with a horizontal line extending to the right.

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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)
23-11-2020	Understanding the concept of prevention and control of disease (Dr. B. Sharvana, Vaagdevi College of Pharmacy)	Social causes of diseases and social problems of the sick (Mr. M. Sruthi, Jayamukhi College of Pharmacy)	Food in relation to nutrition and health, Balanced diet (Ms. M. Rama, Jayamukhi College of Pharmacy)	Nutritional deficiencies, Vitamin deficiencies, Malnutrition and its prevention (Mr. B. Thirupathi, Balaji Institute of Pharmaceutical Sciences)
24-11-2020	Socio cultural factors related to health and disease (Ms. T. Smitha, Jayamukhi College of Pharmacy)	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. T. Ravichander, Vaagdevi Pharmacy College)
25-11-2020	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. M. Rama, Jayamukhi College of Pharmacy)	Lunch (12:30 PM-1:30 PM)	
26-11-2020	National health intervention programme for mother and child, National family welfare programme (Ms. K. Jyothi, Jayamukhi College of Pharmacy)	National tobacco control programme, National Malaria Prevention Program (Dr. P. Usha sree, Jayamukhi College of Pharmacy)		




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27-11-2020	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 (Mr. N. Aravind Kumar, Jayamukhi College of Pharmacy)	Health promotion and education in school and colleges (Dr.M. Swapna, Vaagdevi Institute of Pharmaceutical Sciences)
28-11-2020	Occupational health and hazards (Dr. G. Kamal Yadav, 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. N. Aravind Kumar, Jayamukhi College of Pharmacy)



Signature

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



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Certificate Course in Preventive Medicine

Date:23-11-2020 to 28-11-2020

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



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JAYAMUKHI COLLEGE OF PHARMACY

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

Certificate Course in Preventive Medicine

Date: 23-11-2020 to 28-11-2020

List of Students Enrolled

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



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

Certificate Course in "Preventive Medicine"


Certificate of Completion


This is to certify that Mr./Ms. A. KERAN has successfully completed Certificate Course on "Preventive Medicine", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 23-11-2020 to 28-11-2020.


Coordinator
Mr. M. Rakesh


Coordinator
Mr. N. Aravind Kumar




Principal
Jayamukhi College of Pharmacy
Narsampet-506 332


Principal
Dr. S. Vasudeva Murthy



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

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.



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

SUMMARY:

Certificate Course in Preventive Medicine was conducted for Third-year Pharm.D. students. Preventive medicine is a type of medical treatment focused on disease prevention. This strategy could be particularly useful to treat individuals with risk factors for a disease. Strategies used include patient education, lifestyle modification, and therapeutics. How and when to counsel the patients was dealt in detail. Students were given insight on National health programs, its objectives, functioning and outcomes. Insight was given on role of primary health centres. General principles of prevention and control of communicable and noncommunicable diseases were dealt by the resource person. Concepts in public health administration and International Health Regulations were discussed with the participants. 10 Students completed this course



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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.

WORKSHOP CURRICULUM

1. Basic Principles of Laboratory Animal's Care & Management
2. Breeding Techniques of 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



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

14-12-2020 TO 30-01-2021

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Registration Form

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.

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 Pharm.D
3rd Year

Registration Fee:

Registration is free of cost. Registration form should be submitted on or before 21-11-2020.





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(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 Month Certificate Course on Care, Management of Laboratory Animals & Experimental Techniques
Duration	: 30 Hours
Date of Commencement	: 14-12-2020 to 30-01-2021
Course Co-ordinator	: Dr. 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.



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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 functionalities etc.



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

SCHEDULE:

S. No	Date (12:00PM to 01:00 PM)	Topic	Name of Resource Person
1.	14-12-2020	Basic Principles of Laboratory Animal's Care & Management	Dr. G. Thirupathi (Vaagdevi Institute of Pharmaceutical Sciences)
2.	15-12-2020	Basic Principles of Laboratory Animal's Care & Management	Dr. G. Thirupathi (Vaagdevi Institute of Pharmaceutical Sciences)
3.	16-12-2020	Basic Principles of Laboratory Animal's Care & Management	Dr. G. Thirupathi (Vaagdevi Institute of Pharmaceutical Sciences)
4.	17-12-2020	Breeding Techniques of different species of Laboratory Animals	Dr. P. Girija (Vaagdevi College of Pharmacy)
5.	18-12-2020	Breeding Techniques of different species of Laboratory Animals	Dr. P. Girija (Vaagdevi College of Pharmacy)
6.	19-12-2020	Breeding Techniques of different species of Laboratory Animals	Dr. P. Girija (Vaagdevi College of Pharmacy)
7.	21-12-2020	Breeding Techniques of different species of Laboratory Animals	Dr. P. Girija (Vaagdevi College of Pharmacy)
8.	22-12-2020	Experimental techniques in Laboratory Animals:	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
9.	23-12-2020	Experimental techniques in Laboratory Animals:	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
10.	24-12-2020	Experimental techniques in Laboratory Animals:	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
11.	28-12-2020	Experimental techniques in Laboratory Animals:	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)



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12.	29-12-2020	Experimental techniques in Laboratory Animals	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
13.	30-12-2020	Experimental techniques in Laboratory Animals	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
14.	31-12-2020	Experimental techniques in Laboratory Animals	Mr. B. S. Sharvana Bhava (Vaagdevi College of Pharmacy)
15.	04-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
16.	05-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
17.	06-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
18.	07-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
19.	08-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
20.	09-01-2021	Patho-physiology of commonly occurring diseases and their preventive measures	Ms. A. Priyanka (Sahasra Institute of Pharmaceutical Sciences)
21.	18-01-2021	Record keeping & Documentation	Mr. B. Rakesh (Jayamukhi College of Pharmacy)
22.	19-01-2021	Record keeping & Documentation	Mr. B. Rakesh (Jayamukhi College of Pharmacy)
23.	20-01-2021	Record keeping & Documentation	Mr. B. Rakesh (Jayamukhi College of Pharmacy)
24.	21-01-2021	Record keeping & Documentation	Mr. B. Rakesh (Jayamukhi College of Pharmacy)
25.	22-01-2021	Animal Nutrition	Dr. Syeda Nishat Fathima



(Signature)
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Jayamukhi College of Pharmacy
Narsampet-506 332

			(Jayamukhi College of Pharmacy)
26.	25-01-2021	Animal Nutrition	Dr. Syeda Nishat Fathima (Jayamukhi College of Pharmacy)
27.	27-01-2021	Animal Nutrition	Dr. Syeda Nishat Fathima (Jayamukhi College of Pharmacy)
28.	28-01-2021	Animals Ethics & Welfare	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)
29.	29-01-2021	Animals Ethics & Welfare	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)
30.	30-01-2021	Animals Ethics & Welfare	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)



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:

The entire six-day session must be attended by participants. Attendance shall be compulsory for each day of the programme. Upon successfully completing the entire training programme, participants will receive a certificate.



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

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

Date:14-12-2020 to 19-12-2020

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	21353P1013	Manchikatla Archana
2.	21353P1014	KondiKiranmayee
3.	21353P1015	EgaGouthami
4.	21353P1016	ChunchuSoniya
5.	21353P1017	Dappu Ramakrishna
6.	21353P1018	Gopathi Raju
7.	21353P1019	Mohammed Kareempasha
8.	21353P1020	Akula Santhosh
9.	21353P1021	Pindi Sujatha
10.	21353P1022	Eslavath Santhosh
11.	21353P1023	MathangiSandhyarani



(Handwritten signature)

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

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

Date: 14-12-2020 to 19-12-2020

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	21353P1013	Manchikatla Archana	Archana
2.	21353P1014	Kondi Kiranmayee	K. Kiranmayee
3.	21353P1015	Ega Gouthami	Gouthami
4.	21353P1016	Chunchu Soniya	Soniya
5.	21353P1017	Dappu Ramakrishna	Ramakrishna
6.	21353P1018	Gopathi Raju	Gopathi Raju
7.	21353P1019	Mohammed Kareempasha	Kareem Pasha
8.	21353P1020	Akula Santhosh	Santhosh
9.	21353P1021	Pindi Sujatha	Pindi Sujatha
10.	21353P1022	Eslavath Santhosh	Santhosh
11.	21353P1023	Mathangi Sandhyarani	Sandhya rani




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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. Ch. Soniya has successfully completed Certificate Course on "Care, Management of Laboratory Animals & Experimental Techniques", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 14-12-2020 to 19-12-2020.

Coordinator

Dr. Syeda Nishat Fathima

Coordinator

Ms. Sk. Nasreen



Principal

Jayamukhi College of Pharmacy

Narsampet-506 332

Principal

Dr. S. Vasudeva Murthy



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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



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

SUMMARY:

For M. Pharmacy (Pharmacology) First year students Certificate Course on Care, Management of Laboratory Animals & Experimental Techniques was conducted. To enhance the calibre of animal research, this course offered practical instruction. Laboratory animals and their surroundings, nutrition, diseases of laboratory animals, the welfare and ethics of laboratory animals, anaesthesia and analgesia in laboratory animals, collection of body fluids, and perioperative care were the workshop's main subjects. In accordance with CPCSEA/IAEC recommendations, this training provided learners with a clear understanding of the ethics and laws governing the use of animals in research. The certificate was awarded to all 11 students.



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Narsampet-506 332

ABOUT THE INSTITUTION

JAYAMUKHI COLLEGE OF PHARMACY was started in the year 2005 at Naisampet in Warangal District with the approval of AICTE, New Delhi and PCI, New Delhi. The college is affiliated to Kakatiya University, Warangal. The college is equipped with fully ventilated laboratories and students are provided with quality education comparable to the best at the global level. The Management is really overjoyed with the students going out of the college with the skills and the right attitude. The syllabus of each programme is designed to enable the student to do it with the needs of the industry. The college is well equipped with fully ventilated laboratories and students are provided with quality education comparable to the best at the global level. The Management is really overjoyed with the students going out of the college with the skills and the right attitude. The syllabus of each programme is designed to enable the student to do it with the needs of the industry.

Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy
Patron: Shri. T.V.R.N. Reddy
Convener: Prof. S. Vasudeva Murthy
Coordinator: Dr. Syeda Nishat Fathima
Ms. I. Shalini



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

22-02-2021 to 27-02-2021




Principal
Jayamukhi College of Pharmacy
Naisampet-506 332





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

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

Convener: Prof. S. Vasudeva Murthy

Coordinators: Dr. Syeda Nishat Fathima
Ms. Sk. Nasreen

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 form along with registration fee of Rs.100/-
on or before 10th December 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 : HANDS-ON TRAINING ON STATISTICAL
SOFTWARES USED IN PHARMACEUTICAL
RESEARCH

Duration : 30 Hours

Date of Commencement : 22-02-2021 to 27-02-2021

Course Co-ordinator : Dr. 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, semilogarithmic 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: Significance of R (R Foundation for Statistical Computing)




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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)			
			Construction and labelling of graphs, histogram, pie charts, scatter plots, semilogarithmic plots (Dr. K. Shirisha, 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)	
22-02-2021	Introduction to Biostatistics (Dr. Sandhya Rani, Jayamukhi Institute of Technological Sciences)	Frequency distribution Measures of central tendency: Mean, Median, Mode(Dr. K. Naresh, Vaagdevi Institute of Pharmaceutical Sciences)	Lunch (12:30 PM-1:30 PM)					
23-02-2021	Measures of dispersion and correlation (Dr. Ch. Mahesh, Vaagdevi Pharmacy College)	Regression, Multiple regression, standard error of regression (Dr. S. Pavani, Vaagdevi College of Pharmacy)						
24-02-2021	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)						
25-02-2021	Hands on training on Regression analysis and correlation by Graphpad Prism software (Ms. Syeda Nishat Fathima, 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)	
26-02-2021	Hands on training on t-test and ANOVA 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)		
27-02-2021	Significance of R (Dr. B. Naveen Kumar, Jayamukhi College of Pharmacy)					Hands on training on t-test and ANOVA by SPSS software (Dr. S. Vasudeva Murthy, 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)		




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NARSAMPET, Dist. Warangal - 506 332, (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.



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Hands on training on Statistical software's used in pharmaceutical research

Date:22-02-2021 to 27-02-2021

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	35318-6001	Chitte Rachana
2.	35318-6003	Kerla Ranjith
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.	35318-6016	Shameem Sulthana
12.	35318-6019	Kola Madhuri
13.	35318-6020	AyishaFarheen
14.	35318-6021	Muzaffar Ameera
15.	35318-6022	OramgantiVineela
16.	35318-6023	Uppu Swathi
17.	35318-6025	MudigiriManasa
18.	35318-6032	Dameruppula Archana
19.	35318-6035	Polaboina Mahalaxmi
20.	35318-6036	Nalla Sai Kiran
21.	35318-6037	Kakkerla Sushma Swaraj
22.	17353D1001	JuveriaNousheen
23.	17353D1002	AkulaDivyasri
24.	17353D1003	Banoth Subhadra
25.	17353D1004	VardellySravanthi
26.	17353D1005	NallagondaHemika
27.	17353D1006	Geetanjali Sharma
28.	17353D1007	KolipakaSupriya
29.	17353D1008	ManeeshaVemireddy
30.	17353D1009	Nasagoni Prasanna Pragna
31.	17353D1010	VadlaManiteja
32.	17353D1012	Allam Rukveshwar
33.	17353D1015	Mohammed Shabna
34.	17353D1016	Mohammed Shareefatulla
35.	17353D1018	Afreen Tharunam
36.	17353D1019	Mohammad Samreen



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37.	20353P1001	Venumuddala Humpy
38.	20353P1003	PolepanguNagarani
39.	20353P1004	Kotta Sandeep
40.	20353P1005	Aruri Naveen
41.	20353P1006	JuluriHimabindu
42.	20353P1007	Yara Manasa
43.	20353P1010	MakulaRashi
44.	20353P1011	VadlakondaTharun
45.	20353P1012	ErpaNagamani
46.	20353P1013	Reshma Nazz



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

Hands on training on Statistical software's used in pharmaceutical research

Date: 22-02-2021 to 27-02-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	35318-6001	Chitte Rachana	C. Rachana
2.	35318-6003	Kerla Ranjith	K. Ranjith
3.	35318-6005	Banoth Suman	Suman
4.	35318-6007	Madatha Manasa	Manasa
5.	35318-6008	Kasoju Sravan Kumar	Sravan Kumar
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.	35318-6016	Shameem Sulthana	S. Sulthana
12.	35318-6019	Kola Madhuri	K. Madhuri
13.	35318-6020	Ayisha Farheen	Farheen
14.	35318-6021	Muzaffar Ameera	Ameera
15.	35318-6022	Oramganti Vineela	Vineela
16.	35318-6023	Uppu Swathi	Swathi
17.	35318-6025	Mudigiri Manasa	Manasa
18.	35318-6032	Dameruppula Archana	Archana
19.	35318-6035	Polaboina Mahalaxmi	Mahalaxmi
20.	35318-6036	Nalla Sai Kiran	Saikiran
21.	35318-6037	Kakkerla Sushma Swaraj	Sushma
22.	17353D1001	Juveria Nousheen	Nousheen
23.	17353D1002	Akula Divyasri	Divyasri
24.	17353D1003	Banoth Subhadra	Subhadra
25.	17353D1004	Vardelly Sravanthi	Sravanthi
26.	17353D1005	Nallagonda Hemika	Hemika
27.	17353D1006	Geetanjali Sharma	Sharma
28.	17353D1007	Kolipaka Supriya	Supriya
29.	17353D1008	Maneesha Vemireddy	Vemireddy
30.	17353D1009	Nasagoni Prasanna Pragna	Prasanna
31.	17353D1010	Vadla Maniteja	Maniteja
32.	17353D1012	Allam Rukveshwar	Rukveshwar
33.	17353D1015	Mohammed Shabna	Shabna
34.	17353D1016	Mohammed Shareefatulla	Shareefatulla
35.	17353D1018	Afreen Tharunam	A. Tharunam
36.	17353D1019	Mohammad Samreen	Samreen



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37.	20353P1001	Venumuddala Humpy	V. Humpy
38.	20353P1003	Polepangu Nagarani	P. Nagarani
39.	20353P1004	Kotta Sandeep	A. Sandeep
40.	20353P1005	Aruri Naveen	A. Naveen
41.	20353P1006	Juluri Himabindu	Himabindu
42.	20353P1007	Yara Manasa	V. Manasa
43.	20353P1010	Makula Rashi	Rashi
44.	20353P1011	Vadlakonda Tharun	V. Tharun
45.	20353P1012	Erpa Nagamani	Nagamani
46.	20353P1013	Reshma Nazz	R. Nazz



[Signature]
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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. N. Hemika has participated in Hands-on Training on "Statistical software's Used in Pharmaceutical Research", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 22-02-2021 to 27-02-2021.

Coordinator

Dr. Syeda Nishat Fathima

Coordinator
Ms. I. Shalini



Principal

Jayamukhi College of Pharmacy
Narsampet-506 332

Principal

Dr. S. Vasudeva Murthy



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NARSAMPET, Dist. Warangal - 506 552, (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 GraphPad prism software



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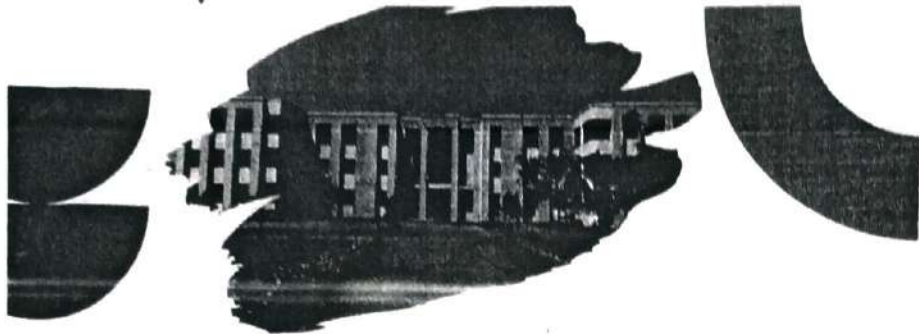
(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)
NARSAMPET, Dist. Warangal - 506 332, (T.S)

SUMMARY:

Hands on training on Statistical Software used in Pharmaceutical Research for B. Pharmacy 4th year, Pharm.D 5th year & M. Pharmacy (Pharmaceutics & Pharmacology) 2nd year was conducted. Statistics is an important tool in pharmacological research that is used to summarize (descriptive statistics) experimental data in terms of central tendency (mean or median) and variance (standard deviation, standard error of the mean, confidence interval or range) but more importantly it enables us to conduct hypothesis testing. Statistics can be very helpful in formulating experimental design and drawing appropriate inferences from the collected data. For healthcare professionals who want to conduct their own research projects, this hands-on course aims to provide a fundamental introduction to practical aspects of medical research statistics. Before starting any statistical analysis, it is essential to have a fundamental understanding of study design, sampling, and the creation of specific research objectives. This course includes a wide range of topics, including dose-response curves (including non-linear regression), and scientific graphics. Students learned how to conduct experiments, analyse the results, and create graphs. The students gained knowledge of a variety of analyses that may be performed using the Graph pad Prism, SPSS, and R computer languages, including t tests, one- and two-way ANOVA, Chi square tests, linear and nonlinear regression, and many others. 46 out of the 57 students that registered for this programme were successful.



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JAYAMUKHI COLLEGE OF PHARMACY

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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.

[Signature]
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Jayamukhi College of Pharmacy
Narsampet-50

Workshop on Intellectual Property in Health Care industry

04-01-2021 to 09-01-2021



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



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 Fee:

Registration is free of cost. Registration form should be submitted on or before 29-02-2021



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





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(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	: 04-01-2021 to 09-01-2021
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. Kumar

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)	
04-01-2021	Basics of IPR (Mr. E. Sriram, Jayamukhi Institute of Management Sciences)	International organizations and Treaties (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	Lunch (12:30 PM-1:30 PM)	Module 3 (Ms. T. Deepthi, Jayamukhi Institute of Management Sciences)	
05-01-2021	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)
06-01-2021	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)
07-01-2021	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)
08-01-2021	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)
09-01-2021	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)



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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 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.



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Wazirpur, New Meerut - 201 002, U.P.

Workshop on Intellectual Property in Health Care industry

Date: 04-07-2021 to 05-07-2021

List of Participants

S. No.	Roll Number	Name of the Student
1	2021P0001	Chaitanya Pradyo
2	2021P0002	Kanishk Sin Jaiswal
3	2021P0003	Rishabh Singh
4	2021P0004	Karan Jandhan
5	2021P0005	Triguana Vivech
6	2021P0006	Pranav Pradyo
7	2021P0007	Nisha Agrawal
8	2021P0008	Janvi Nishita
9	2021P0009	Chaitanya Pradyo
10	2021P0010	Manish Pradyo
11	2021P0011	Chaitanya Pradyo
12	2021P0012	Kumar Raj
13	2021P0013	Meharaj Singh
14	2021P0014	Pranav Pradyo
15	2021P0015	Karan Pradyo
16	2021P0016	Karan Pradyo
17	2021P0017	Karan Pradyo
18	2021P0018	Karan Pradyo
19	2021P0019	Karan Pradyo
20	2021P0020	Karan Pradyo
21	2021P0021	Karan Pradyo
22	2021P0022	Karan Pradyo
23	2021P0023	Karan Pradyo
24	2021P0024	Karan Pradyo
25	2021P0025	Karan Pradyo
26	2021P0026	Karan Pradyo
27	2021P0027	Karan Pradyo
28	2021P0028	Karan Pradyo
29	2021P0029	Karan Pradyo
30	2021P0030	Karan Pradyo
31	2021P0031	Karan Pradyo
32	2021P0032	Karan Pradyo
33	2021P0033	Karan Pradyo
34	2021P0034	Karan Pradyo
35	2021P0035	Karan Pradyo
36	2021P0036	Karan Pradyo
37	2021P0037	Karan Pradyo
38	2021P0038	Karan Pradyo
39	2021P0039	Karan Pradyo
40	2021P0040	Karan Pradyo



Signature and Date

37.	18353D1008	RudrojuNikhila
38.	18353D1009	PoshaboinaNavya
39.	18353D1010	Medikonda Apoorva
40.	18353D1011	Gadam Archana
41.	17353D1011	GorreChidvilash
42.	21353P1001	KakkerlaSoujanya
43.	21353P1002	Gabbeta Bhavana
44.	21353P1003	Thota Harini
45.	21353P1004	Valasa Deepika
46.	21353P1005	MaraganiVineetha
47.	21353P1006	Mohammad Sana Kousar
48.	21353P1007	Singathi Kavya
49.	21353P1010	Banoth Mahender
50.	21353P1011	Eslavath Mamatha
51.	21353P1012	DhulaNavya
52.	21353P1013	Manchikatla Archana
53.	21353P1014	KondiKiranmayee
54.	21353P1015	EgaGouthami
55.	21353P1016	ChunchuSoniya
56.	21353P1017	Dappu Ramakrishna
57.	21353P1018	Gopathi Raju
58.	21353P1019	Mohammed Kareempasha
59.	21353P1020	Akula Santhosh
60.	21353P1021	Pindi Sujatha
61.	21353P1022	Eslavath Santhosh



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

Workshop on Intellectual Property in Health Care industry

Date: 04-01-2021 to 09-01-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	35318-6017	Chilapaka Prudhvi	Prudhvi
2.	35318-6033	Katukam Sai Deekshith	Sai Deekshith
3.	35318-6038	Rallabandi Vinay	Vinay
4.	35319-6001	Kasam Chandhana	chandhana
5.	35319-6002	Thipparapu Vineela	Vineela
6.	35319-6003	Polneni Pramatha	p. pramatha
7.	35319-6004	Martha Nagarani	M. Nagarani
8.	35319-6005	Gandla Niharika	Niharika
9.	35319-6006	Gaddamedi Manasa	Manasa
10.	35319-6007	Mondeddu Deepika	Deepika M.
11.	35319-6008	Bodige Harshitha	Harshitha
12.	35319-6009	Guntoog Divya	Divya
13.	35319-6010	Maram Divya	Divya
14.	35319-6011	Kummari Raju	Raju
15.	35319-6012	Mohammad Nazia	Nazia
16.	35319-6014	Bodakuntla Ramyasri	Ramyasri B.
17.	35319-6016	Kurra Ramya	Ramya
18.	35319-6017	Masna Vaishnavi	M. Vaishnavi
19.	35319-6018	Kasarapu Rekha	Rekha
20.	35319-6019	Jangili Shiva	Shiva
21.	35319-6021	Kodari Ajay	Ajay
22.	35319-6022	Velpula Naresh	Naresh
23.	35319-6023	Kanneboina Karthik	Karthik
24.	35319-6025	Kadari Sunder	Sunder K.
25.	35319-6028	Munigela Keerthi	Keerthi
26.	35319-6030	Thatikayala Prashanth	Prashanth
27.	35319-6031	Mothukuri Vanaja	Vanaja
28.	35319-6032	Ajmeera Suresh	Suresh
29.	35319-6033	Ramatenki Divya	Divya
30.	18353D1001	Namilikonda Himaja	Himaja
31.	18353D1002	Donthula Hanish	Hanish
32.	18353D1003	Mydam Akhil Kumar	Akhil Kumar
33.	18353D1004	Panjala Navya	P. Navya
34.	18353D1005	Mohd Yaseen	Yaseen
35.	18353D1006	Gopagani Prathyusha	Prathyusha
36.	18353D1007	Pilli Yeshasvi	Yeshasvi
37.	18353D1008	Rudroju Nikhila	Nikhila



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38.	18353D1009	Poshaboina Navya	<i>Navya</i>
39.	18353D1010	Medikonda Apoorva	<i>Apoorva</i>
40.	18353D1011	Gadam Archana	<i>Archana</i>
41.	17353D1011	Gorre Chidvilash	<i>Chidvilash</i>
42.	21353P1001	Kakkerla Soujanya	<i>Soujanya</i>
43.	21353P1002	Gabbeta Bhavana	<i>Bhavana</i>
44.	21353P1003	Thota Harini	<i>Harini</i>
45.	21353P1004	Valasa Deepika	<i>V. Deepika</i>
46.	21353P1005	Maragani Vineetha	<i>Vineetha</i>
47.	21353P1006	Mohammad Sana Kousar	<i>Sana</i>
48.	21353P1007	Singathi Kavya	<i>Kavya</i>
49.	21353P1010	Banoth Mahender	<i>Mahender B.</i>
50.	21353P1011	Eslavath Mamatha	<i>Mamatha</i>
51.	21353P1012	Dhula Navya	<i>Navya</i>
52.	21353P1013	Manchikatla Archana	<i>Archana</i>
53.	21353P1014	Kondi Kiranmayee	<i>K. Kiranmayee</i>
54.	21353P1015	Ega Gouthami	<i>Gouthami</i>
55.	21353P1016	Chunchu Soniya	<i>Soniya</i>
56.	21353P1017	Dappu Ramakrishna	<i>Ramakrishna</i>
57.	21353P1018	Gopathi Raju	<i>Raju</i>
58.	21353P1019	Mohammed Kareempasha	<i>Kareempasha</i>
59.	21353P1020	Akula Santhosh	<i>A. Santhosh</i>
60.	21353P1021	Pindi Sujatha	<i>Sujatha</i>
61.	21353P1022	Eslavath Santhosh	<i>Santhosh</i>



Sanjiv
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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"

Certificate of Participation

This is to certify that Mr./Ms. K. Ranya has participated in Workshop on "Intellectual Property in Health Care industry", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 04-01-2021 to 09-01-2021.



Shawar

Coordinator

Mr. T. Ashwin Kumar

Coordinator

Ms. M. Dhanalaxmi

Principal

Dr. S. Vasudeva Murthy

S. Vasudeva Murthy

Principal
Jayamukhi College of Pharmacy
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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.



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SUMMARY:

To inculcate the basics of IPR this workshop on “Intellectual Property in Health Care industry” was conducted for among B. Pharmacy third-year students, Pharm. D. fourth-year students and M. Pharmacy (Pharmacology and Pharmaceutics) first-year students. Intellectual property refers to intellectual activity in the industrial, scientific, literary and artistic fields. In the context of health care, the concept relates to topics such as the use of generic medicines, specifically how companies can market and sell these products within specific geographic regions. Intellectual property rights and the laws that govern them are important both to the control of standards and access to medicines, but also as an incentive for the development of new pharmaceuticals and health care products. 68 participants enrolled for the course only 61 received the certificate.



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- 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
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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

Who can attend?

Students of M. Pharmacy Pharmacology & Pharmaceutics Second Year



JAYAMUKHI COLLEGE OF PHARMACY

Approved by AICTE and PCI, New Delhi
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Certificate Course on Pharma Sales and Marketing management

26-10-2020 to 31-10-2020

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Narsampet-5



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



Objectives::

- Identify the various forms of intellectual property protection available
- Understand the special intellectual property laws 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 02-01-2021





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NARSAMPET, Dist. Warangal - 506 552, (T.S)

Title of the course	: Certificate Course on Pharma Sales and Marketing Management
Duration	: 30 Hours
Date of Commencement	: 26-10-2020 to 31-10-2020
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



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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)
26-10-2020	Introduction to Pharmaceutical Industry and Pharma Product Management (Dr. P. Vivek Sagar, Vaagdevi Pharmacy College)	Principles of Management (Mr. B. Sathish, Jayamukhi Institute of Management Sciences)	Pharmaceutical Marketing Management (Dr. Y. Shravan, Vaagdevi College of Pharmacy)	Pharmaceutical segmentation outlook (Mr. M. Sunil, Jayamukhi Institute of Pharmaceutical Sciences)
27-10-2020	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)
28-10-2020	Healthcare System in US, India and Other Countries (Dr. B. Chandrashekhar, Vaagdevi Pharmacy College)	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)	
29-10-2020	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)
30-10-2020	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)

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



S. Srinivas

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31-10-2020	Digital Marketing, Relationship marketing-KOL Management (Ms. M. Nirmla, 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)
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A handwritten signature in green ink, appearing to be "S. Anand" or similar, written in a cursive style.

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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.



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

Certificate Course on Pharma Sales and Marketing management

Date:26-10-2020 to 31-10-2020

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	20353P1001	Venumuddala Humpy
2.	20353P1003	PolepanguNagarani
3.	20353P1004	Kotta Sandeep
4.	20353P1005	Aruri Naveen
5.	20353P1006	JuluriHimabindu
6.	20353P1007	Yara Manasa
7.	20353P1009	Birru Mounika
8.	20353P1010	MakulaRashi
9.	20353P1011	VadlakondaTharun
10.	20353P1012	ErpaNagamani
11.	20353P1013	Reshma Nazz



[Handwritten Signature]

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

Certificate Course on Pharma Sales and Marketing management

Date: 26-10-2020 to 31-10-2020

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	20353P1001	Venumuddala Humpy	V. Humpy
2.	20353P1003	Polepangu Nagarani	P. Nagarani
3.	20353P1004	Kotta Sandeep	K. Sandeep
4.	20353P1005	Aruri Naveen	Naveen
5.	20353P1006	Juluri Himabindu	Hima
6.	20353P1007	Yara Manasa	Yara Manasa
7.	20353P1009	Birru Mounika	Mounika
8.	20353P1010	Makula Rashi	Rashi
9.	20353P1011	Vadlakonda Tharun	Vadlakonda Tharun
10.	20353P1012	Erpa Nagamani	Erpa Nagamani
11.	20353P1013	Reshma Nazz	Reshma Nazz.




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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. B. Mounika has successfully completed Certificate Course on "Pharma Sales and Marketing Management", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 26-10-2020 to 31-10-2020.


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Principal
Dr. S. Vasudeva Murthy



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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



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

SUMMARY:

Pharmaceutical Marketing Management is a specialization that combines both the study of basic and pharmaceutical science with the marketing and management skills of the pharmaceutical products. It provides individuals a bright career in pharmaceutical sales, management, marketing, and related fields within the health care industry. The primary role of Product Management in the pharmaceutical industry is to manage the existing product line of the pharmaceutical organization, brand establishment and brand building and also new product launching and strategy for pipeline products and execution. The Pharma Sales and Marketing management course educated students about the industry that deals with the fitness and chemical sciences with a major focus on the uses of pharmaceutical drugs in all the possible and safe ways. It made students understand the crucial aspects related to the pharmaceutical industry such as the production management of pharmaceuticals, Brand management in pharma, pharmaceutical marketing, finance, and economics in the pharmaceutical field, etc. The course provided a combined prospectus of the technical knowledge of the pharmaceutical industry along with the management procedure of the industry rooting from economic planning to the marketing and sales in the pharmaceutical industry. The challenges of pharmaceutical marketing were emphasised, along with potential answers. 12 students registered for the course, and 11 candidates successfully completed it.



S. Venkatesh

Principal
Jayamukhi College of Pharmacy,
Narsampet-506 532

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: Mr. D. Mangilal
Dr. P. Ushasree

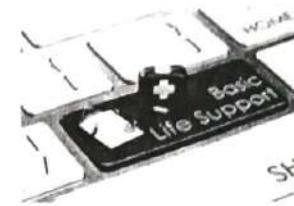


JAYAMUKHI COLLEGE OF PHARMACY

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



WORKSHOP ON BASIC LIFE SUPPORT TRAINING



15-03-2021 to 20-03-2021

Signature
Principal
Jayamukhi College of Pharmacy
Narsampet-506 302





Programme Modules :

Module 1: Introduction to Pharmaceutical Industry and Pharma Product Management

Module 2: Principles of Management

Module 3: Pharmaceutical Marketing Management, Pharmaceutical segmentation 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 or before 24-10-2020



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	: Workshop on Basic life support Training
Duration	: 30 Hours
Date of Commencement	: 15-03-2021 to 20-03-2021
Course Co-ordinator	: Mr. D. Mangilal & Dr. P. Ushasree
Resource Persons	: Dr. Ramaka Srinivas & his team of doctors

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.




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)	LUNCH (12:30 PM to 01:30PM)	Session-III (01:30 PM-03:00 PM)	Session-IV (03:00 PM-04:30PM)
15-03-2021	Introduction to Health care	Principles of Emergency Care		Basic concepts of Anatomy and Physiology	
16-03-2021	Hands-on training on cardiopulmonary resuscitation to an adult, child & infant			Hands-on training on cardiopulmonary resuscitation to an adult, child & infant	
17-03-2021	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.	
18-03-2021	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	
19-03-2021	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)
20-03-2021	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)	



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)

ASSESSMENT:

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



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Jayamukhi College of Pharmacy
Narsampet-506 332



JAYAMUKHI EDUCATIONAL SOCIETY

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

Workshop on Basic life support Training

Date: 15-03-2021 to 20-03-2021

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	35321-6001	GundekariNavatha
2.	35321-6002	Rane Yashwanth
3.	35321-6003	Mood Hussain
4.	35321-6004	AkulaThriveni
5.	35321-6005	Bayya Pallavi
6.	35321-6006	GopaganiSoujanya
7.	35321-6007	Challa Archana
8.	35321-6008	NaallaSarayu
9.	35321-6009	Javaji Bhanu Sri
10.	35321-6010	NomulaKamalakar
11.	35321-6011	Bandari Meghana
12.	35321-6012	Lyadalla Deepa
13.	35321-6013	VankudothTharunkumar
14.	35321-6014	Dasaroju Bhargavi
15.	35321-6015	ShankaraBhaktula Sushma
16.	35321-6016	ThogaruVishwani
17.	35321-6018	Guguloth Sonia
18.	35321-6019	MaduriPrathyusha
19.	35321-6023	BommaSirichandana
20.	35321-6024	Sindham Ananth Kumar
21.	35321-6025	Allam Naga Anvesh
22.	35321-6026	Panjala Swapna
23.	35321-6028	Kummarikuntla Manisha
24.	35321-6029	Gone Akhil
25.	35321-6030	Sriram Harshith Pritham
26.	35321-6031	Badavath Thirumal Prasad
27.	35321-6032	Anthadupula Shruthi
28.	35321-6033	Parlapelli Pavan
29.	35321-6034	DupatiJyothsna
30.	35321-6035	Lingala Pravalika
31.	35321-6036	Chandragiri Sarika
32.	35321-6037	Arkuti Shruthi
33.	35321-6038	Mohammad Asif
34.	35321-6039	Mohammed Abdul Arshad
35.	35321-6040	MoturiTejashwini



[Handwritten Signature]

Principal
Jayamukhi College of Pharmacy
Narsampet-506 332

36.	35321-6041	Chapala Ruchira
37.	35321-6044	P.Spandana
38.	35321-6045	SeepathiArunkumar
39.	35321-6046	Saadu Deepika
40.	35321-6047	MuduAnkitha
41.	35321-6048	Rasamalla Priyanka
42.	21353D1001	Vaskula Sushma Swaraj
43.	21353D1002	Kondoju Bhumika
44.	21353D1003	Madgula Sony
45.	21353D1004	Madagani Ajay
46.	21353D1005	NathiAkhila
47.	21353D1006	Elakanti Ramya Sri
48.	21353D1007	ThuppariSindhuja
49.	21353D1008	SouramSravanthi
50.	21353D1009	Chittaveni Harika
51.	21353D1010	RamyasreeNerella
52.	21353D1011	ThallaMaina
53.	21353D1012	DameraRakshitha
54.	21353D1013	S Bhovana Chandra
55.	21353D1014	JuttukondaVarshitha



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Jayamukhi College of Education
Narsampet-506 332

36.	35321-6041	Chapala Ruchira	
37.	35321-6044	P.Spandana	P. Spandana
38.	35321-6045	Seepathi Arunkumar	Seepathi Arunkumar
39.	35321-6046	Saadu Deepika	Saadu Deepika
40.	35321-6047	Mudu Ankitha	M. Ankitha
41.	35321-6048	Rasamalla Priyanka	Priyanka
42.	21353D1001	Vaskula Sushma Swaraj	V. Sushma Swaraj
43.	21353D1002	Kondoju Bhumika	Bhumika
44.	21353D1003	Madgula Sony	Sony
45.	21353D1004	Madagani Ajay	M. Ajay
46.	21353D1005	Nathi Akhila	N. Akhila
47.	21353D1006	Elakanti Ramya Sri	Ramya Sri
48.	21353D1007	Thuppari Sindhuja	T. Sindhuja
49.	21353D1008	Souram Sravanthi	Sravanthi
50.	21353D1009	Chittaveni Harika	Chittaveni Harika
51.	21353D1010	Ramyasree Nerella	Ramyasree Nerella
52.	21353D1011	Thalla Maina	T. Maina
53.	21353D1012	Damera Rakshitha	D. Rakshitha
54.	21353D1013	S Bhovana Chandra	S. Bhovana Chandra
55.	21353D1014	Juttukonda Varshitha	J. Varshitha



[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 Basic life support Training

Date: 15-03-2021 to 20-03-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	35321-6001	Gundekari Navatha	Navatha
2.	35321-6002	Rane Yashwanth	Yashwanth
3.	35321-6003	Mood Hussain	Hussain
4.	35321-6004	Akula Thriveni	A. Thriveni
5.	35321-6005	Bayya Pallavi	B. Pallavi
6.	35321-6006	Gopagani Soujanya	Soujanya
7.	35321-6007	Challa Archana	Ch. Archana
8.	35321-6008	Naalla Sarayu	Sarayu
9.	35321-6009	Javaji Bhanu Sri	Sara Bhanu Sri
10.	35321-6010	Nomula Kamalakar	Kamalakar
11.	35321-6011	Bandari Meghana	Meghana
12.	35321-6012	Lyadalla Deepa	Deepa
13.	35321-6013	Vankudoth Tharunkumar	Tharunkumar
14.	35321-6014	Dasaroju Bhargavi	Bhargavi
15.	35321-6015	Shankara Bhaktula Sushma	Sushma
16.	35321-6016	Thogaru Vishwani	Vishwani
17.	35321-6018	Guguloth Sonia	Sonia
18.	35321-6019	Maduri Prathyusha	Prathyusha
19.	35321-6023	Bomma Sirichandana	Sirichandana
20.	35321-6024	Sindham Ananth Kumar	Sindham Ananth Kumar
21.	35321-6025	Allam Naga Anvesh	ALLAM. NAGA ANVESH
22.	35321-6026	Panjala Swapna	Swapna
23.	35321-6028	Kummarikuntla Manisha	Manisha
24.	35321-6029	Gone Akhil	Akhil
25.	35321-6030	Sriram Harshith Pritham	S. Harshith Pritham
26.	35321-6031	Badavath Thirumal Prasad	Thirumal Prasad
27.	35321-6032	Anthadupula Shruthi	Shruthi
28.	35321-6033	Parlapelli Pavan	Pavan
29.	35321-6034	Dupati Jyothsna	Jyothsna
30.	35321-6035	Lingala Pravalika	Pravalika
31.	35321-6036	Chandragiri Sarika	Sarika
32.	35321-6037	Arkuti Shruthi	Shruthi
33.	35321-6038	Mohammad Asif	Asif
34.	35321-6039	Mohammed Abdul Arshad	Arshad
35.	35321-6040	Moturi Tejashwini	Tejashwini




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. Mood Hussain has participated in Workshop on "Basic Life Support Training", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 15-03-2021 to 20-03-2021.



Principal
Dr. S. Vasudeva Murthy

Coordinator
Mr. D. Mangilal

Principal
Jayamukhi College of Pharmacy
Narsampet-506

Coordinator
Dr. P. Ushasree



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



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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)

SUMMARY:

Workshop on Basic Life Support training under the Guidance of Dr. Ramaka Srinivas was organised by Jayamukhi College of Pharmacy for B.Pharm and Pharm.D First year students. Basic life support is one of the most fundamental components of emergency medical interventions and is defined as "ensuring an open airway and supporting circulation without any equipment in cases of cardiac or respiratory arrest until providing advanced life support." In other words, BLS is maintaining an open airway and providing artificial respiration and blood circulation using only simple airway management equipment. The aim of basic life support is to maintain a distribution of oxygen-rich blood through survival organs, especially the brain and heart, through a temporary artificial circulation until normal cardiac activity and breathing are restored. In the present workshop basics of anatomy and physiology of cardiovascular system as well as nervous system were dealt. Hands-on training was provided to participants on Cardiopulmonary resuscitation. Fundamentals of emergency care were dealt in detail. 63 students enrolled in this workshop of out which 55 received the certificate



Principal
Jayamukhi College of Pharmacy
Narsampet, Warangal

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.


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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 - 506 532, (T.S)

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

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-506 532

SCHEDULE

Dates	Session-I	Session-II	Lunch (12:30 PM-1:30 PM)	Session-III	Session-IV
	(09:30 AM-11:00 AM)	(11:00 AM- 12:30 PM)		(01:30 PM-03:00 PM)	(03:00 PM-04:30PM)
05-10-2020	Introduction to Antimicrobial stewardship (Dr. T. Ravichander, Vaagdevi Pharmacy College)	The Principles of Antimicrobial Prescribing(Mr. Sharvana Bhava, Vaagdevi College of Pharmacy)		Chemotherapy and Pharmacology of antimicrobials (Ms. Syeda Nishat Fathima, 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 Urinary tract infections (Mr. N. Aravind Kumar, 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 Bloodstream infections (Dr. Md. Rasaan, Jayamukhi College of Pharmacy)	Prescription guidelines for Antimicrobial Surgical Prophylaxis (Dr. P. Ushasree, 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)		Prescription guidelines for Ventilator-associated pneumonia (Dr. S. Manoj Babu, Jayamukhi College of Pharmacy)	Prescription guidelines for Acute Otitis media (Dr. P. Ushasree, Jayamukhi College of Pharmacy)
09-10-2020	Interpreting Culture Results(Mr. Sharvana Bhava, Vaagdevi College of Pharmacy)			Antibiotic Resistance and its global impact (Dr. S. Shyam, Balaji Institute of Pharmaceutical Sciences)	
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)	Examples of successful antibiotic stewardship from across the globe(Dr. G. Girija, Vaagdevi Institute of Pharmaceutical Sciences)




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 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 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



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Jayamukhi College of Pharmacy
Narsampet-506 332



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




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"

Certificate of Participation

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

S. Vasudeva Murthy
Principal
Jayamukhi College of Pharmacy
Narsampet-506 332



S. Vasudeva Murthy
Principal
Dr. S. Vasudeva Murthy



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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.



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

SUMMARY:

This workshop on antimicrobial stewardship was organised for Pharm. D 6th 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.



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Narsampet-506 532

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: Dr. B. Naveen Kumar
Ms. G. Swetha

Who can attend?

Students of M. Pharmacy Pharmaceutics and
M.Pharmacy Pharmacology Second Year




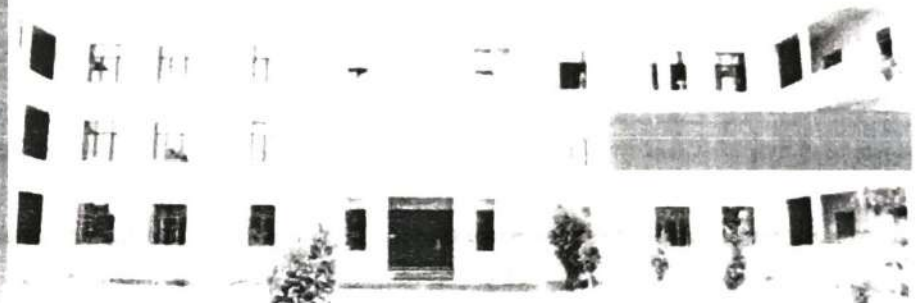
JAYAMUKHI COLLEGE OF PHARMACY

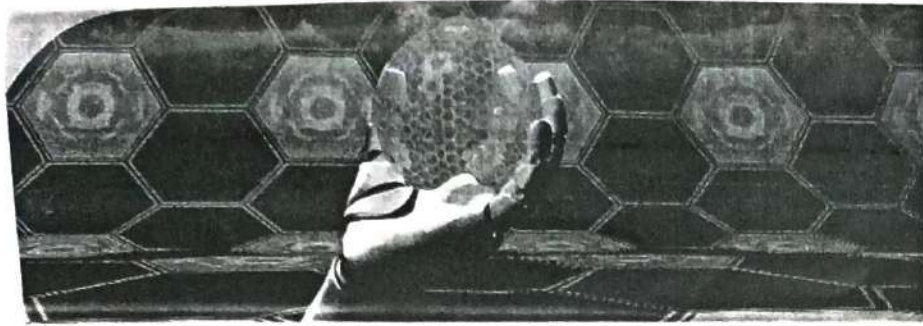
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CERTIFICATE COURSE ON ARTIFICIAL INTELLIGENCE IN DRUG DISCOVERY

22-03-2021 to 27-03-2021


Principal
Jayamukhi College of Pharmacy
Narsampet-506 332





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.

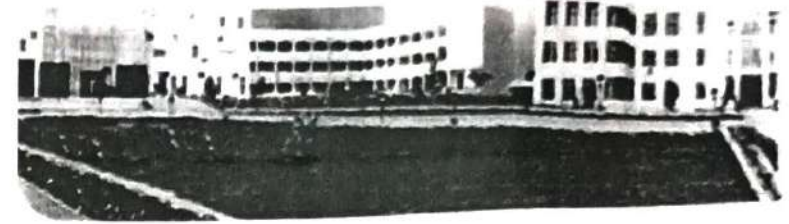
Date: _____

Signature of the Applicant.

Signature of Head of Organization

Registration Fee:

Registration form along with registration fee of Rs.100/-
on or before 20-03-2021



About Workshop

Artificial intelligence (AI) aims to mimic human cognitive functions and has brought about a paradigm shift in Health Sciences. It is powered by increasing availability of healthcare data and rapid progress of analytical techniques. AI amalgamated with Data Sciences, Robotic Process automation and Machine Learning (ML) have made radical changes in healthcare. The use of artificial intelligence (AI) has been increasing in various sectors of society, particularly the pharmaceutical industry. In this workshop we highlight the use of AI in diverse sectors of the pharmaceutical industry, including drug discovery and development, drug repurposing, improving pharmaceutical productivity, and clinical trials, among others; such use reduces the human workload as well as achieving targets in a short period of time. We also discuss crosstalk between the tools and techniques utilized in AI, ongoing challenges, and ways to overcome them, along with the future of AI in the pharmaceutical industry.



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

Title of the course : CERTIFICATE COURSE ON ARTIFICIAL INTELLIGENCE IN DRUG DISCOVERY

Duration : 30 Hours

Date of Commencement : 22-03-2021 to 27-03-2021

Course Co-ordinator : Dr. B. Naveen Kumar & Ms. G. Swetha

CURRICULUM:

Topic 1: Introduction to Drug discovery and Development

Topic 2: ABCDs of Artificial Intelligence & Machine Learning terminology

Topic 3: Types of Machine Learning

Topic 4: Types of Artificial Intelligence

Topic 5: Artificial Neural Networks & their applications in Drug Discovery

Topic 6: Natural Language processing & its applications in drug discovery

Topic 7: Potential & Drawbacks of applying Artificial Intelligence in Drug Discovery

Topic 8: Artificial Intelligence in Drug design

Topic 9: Artificial Intelligence in polypharmacology

Topic 10: Artificial Intelligence in Chemical Synthesis

Topic 11: Artificial Intelligence in drug repurposing

Topic 12: Artificial Intelligence in drug screening


Topic 13: UNSILO, Penelope, Statcheck, Stat reviewer tools

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- Topic 14: Artificial Intelligence based disease modelling
- Topic 15: Artificial Intelligence based disease designing
- Topic 16: Artificial Intelligence tools used in drug discovery
- Topic 17: Artificial Intelligence in advancing pharmaceutical product development
- Topic 18: Artificial Intelligence in pharmaceutical manufacturing
- Topic 19: Artificial Intelligence in quality control and quality assurance
- Topic 20: Artificial Intelligence in clinical trial design
- Topic 21: Artificial Intelligence -based nanorobots for drug delivery
- Topic22: Artificial Intelligence in combination drug delivery and synergism/antagonism prediction
- Topic 23: Ongoing challenges in adopting Artificial Intelligence
- Topic 24: Future Prospectus of Artificial Intelligence




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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)
22-03-2021	Introduction to Drug discovery and Development(Dr. G. Hemalatha, Jayamukhi College of Pharmacy)	Introduction to Artificial Intelligence & Machine Learning (Dr. Sandhya Rani, Jayamukhi Institute of Technological Sciences)	Types of Machine Learning (Mr. Hameed Pasha, Jayamukhi Institute of Technological Sciences)	Types of Artificial Intelligence (Ms. Zulekha Tabassum, Jayamukhi Institute of Technological Sciences)
23-03-2021	Artificial Neural Networks & their applications in Drug Discovery(Dr. G. Hemalatha, Jayamukhi College of Pharmacy)	Natural Language processing & its applications in drug discovery(Dr. K. Shirisha, Vaagdevi College of Pharmacy)	Potential & Drawbacks of applying Artificial Intelligence in Drug Discovery (Dr. C. Vijitha, Vaagdevi Institute of Pharmaceutical Sciences)	Artificial Intelligence in Drug design(Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)
24-03-2021	Artificial Intelligence in polypharmacology (Dr. Syeda Nishat Fathima, Jayamukhi College of Pharmacy)	Artificial Intelligence in Chemical Synthesis(Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)	Artificial Intelligence in drug repurposing (Dr. C. Vijitha, Vaagdevi Institute of Pharmaceutical Sciences)	Artificial Intelligence in drug screening (Dr. K. Shirisha, Vaagdevi College of Pharmacy)
25-03-2021	UNSILO, Penelope, Statcheck, Statreviewer tools(Mr. Ghanshyam Singh, Jayamukhi Institute of Technological Sciences)	Artificial Intelligence based disease modelling(Dr. K. Shirisha, Vaagdevi College of Pharmacy)	Artificial Intelligence based disease designing (Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)	Artificial Intelligence tools used in drug discovery(Dr. C. Vijitha, Vaagdevi Institute of Pharmaceutical Sciences)
26-03-2021	Artificial Intelligence in advancing pharmaceutical product development(Dr. C. Vijitha, Vaagdevi Institute of Pharmaceutical Sciences)	Artificial Intelligence in pharmaceutical manufacturing(Dr. B. Naveen Kumar, Jayamukhi College of Pharmacy)	Artificial Intelligence in quality control and quality assurance(Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)	Artificial Intelligence in clinical trial design(Dr. K. Shirisha, Vaagdevi College of Pharmacy)
27-03-2021	Artificial Intelligence -based nanorobots for drug delivery (Dr. B. Naveen Kumar, Jayamukhi College of Pharmacy)	Artificial Intelligence in combination drug delivery and synergism/antagonism prediction (Dr. S. Vasudeva Murthy, Jayamukhi College of Pharmacy)	Ongoing challenges in adopting Artificial Intelligence(Dr. C. Vijitha, Vaagdevi Institute of Pharmaceutical Sciences)	Future Prospectus of Artificial Intelligence (Dr. G. Anil Kumar, Jayamukhi Institute of Pharmaceutical Sciences)

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




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NARSAMPET, Dist. Warangal - 506 532, (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.



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

Certificate course Artificial Intelligence in drug discovery

Date: 22-03-2021 to 27-03-2021

List of Participants

S. No	Hall ticket Number	Name of the Student
1.	20353P1001	Venumuddala Humpy
2.	20353P1003	PolepanguNagarani
3.	20353P1004	Kotta Sandeep
4.	20353P1005	Aruri Naveen
5.	20353P1006	JuluriHimabindu
6.	20353P1007	Yara Manasa
7.	20353P1008	Katrala Shobha
8.	20353P1009	Birru Mounika
9.	20353P1010	MakulaRashi
10.	20353P1011	VadlakondaTharun
11.	20353P1012	ErpaNagamani
12.	20353P1013	Reshma Nazz
13.	20353P1014	Pruthvi Raj



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NARSAMPET, Dist. Warangal - 506 552, (T.S)

Certificate course Artificial Intelligence in drug discovery

Date: 22-03-2021 to 27-03-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
1.	20353P1001	Venumuddala Humpy	V. Humpy
2.	20353P1003	Polepangu Nagarani	P. Nagarani
3.	20353P1004	Kotta Sandeep	K. Sandeep
4.	20353P1005	Aruri Naveen	Naveen
5.	20353P1006	Juluri Himabindu	Himabindu
6.	20353P1007	Yara Manasa	Manasa
7.	20353P1008	Katralla Shobha	Shobha K.
8.	20353P1009	Birru Mounika	Mounika
9.	20353P1010	Makula Rashi	Rashi
10.	20353P1011	Vadlakonda Tharun	V. Tharun
11.	20353P1012	Erpa Nagamani	Nagamani
12.	20353P1013	Reshma Nazz	Nazz
13.	20353P1014	Pruthvi Raj	Pruthvi Raj



[Signature]
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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 "Artificial Intelligence in Drug Discovery"

Certificate of Completion

This is to certify that Mr./Ms. M. RASHI has successfully completed Certificate Course on "Artificial Intelligence in Drug Discovery", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 22-03-2021 to 27-03-2021.

Principal
Dr. S. Vasudeva Murthy



Jayamukhi College of Pharmacy
Narsampet-506 332



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

LEARNING OUTCOMES:

By the end of this course participant:

- Learnt the basics of AI and the components of machine learning.
- Explore applications of AI in medicine and drug discovery.
- Learnt the latest applications of big data and AI in medicine
- Equipped with the basic knowledge required to navigate their drug discovery project making use of the Artificial Intelligence and Machine learning based tools.



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NARSAMPET, Dist. Warangal - 506 332, [T.S]

SUMMARY:

For Students of M. Pharmacy Pharmaceutics and M. Pharmacy Pharmacology Second Year Certificate Course on Artificial Intelligence in Drug Discovery was conducted the use of artificial intelligence has been increasing in various sectors of society, particularly the pharmaceutical industry. Through this course participants were elucidated about the use of artificial intelligence in diverse sectors of the pharmaceutical industry, including drug discovery and development, drug repurposing, improving pharmaceutical productivity, and clinical trials, among others; such use reduces the human workload as well as achieving targets in a short period of time. Participants were enlightened about the tools and techniques utilized in artificial intelligence, ongoing challenges, and ways to overcome them, along with the future of artificial intelligence in the pharmaceutical industry. Artificial intelligence can also make major contributions to the further incorporation of the developed drug in its correct dosage form as well as its optimization, in addition to aiding quick decision-making, leading to faster manufacturing of better-quality products along with assurance of batch-to-batch consistency. Artificial intelligence can also contribute to establishing the safety and efficacy of the product in clinical trials, as well as ensuring proper positioning and costing in the market through comprehensive market analysis and prediction. Although there are no drugs currently on the market developed with artificial intelligence -based approaches and specific challenges remain with regards to the implementation of this technology, it is likely that artificial intelligence will become an invaluable tool in the pharmaceutical industry in the near future. All the 13 participants who enrolled for the course were eligible for the certificate.




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ABOUT THE INSTITUTION

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Organizing Committee

Chief Patron: Dr. Ch. Devender Reddy
Patron: Shri. T.V.R.N. Reddy
Convener: Prof. S. Vasudeva Murthy
Coordinators: Ms. K. Jyothi
Ms. K. Shailusha



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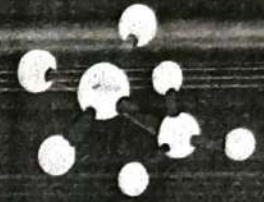
Who can attend?

Students of M. Pharmacy Pharmaceutics and
M.Pharmacy Pharmacology Second Year



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Affiliated to Kakatiya University



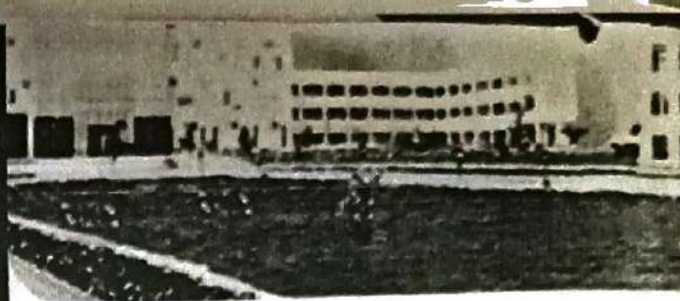
Certificate Course Research and Data Analysis

06-04-2021 to 06-05-2021



Objectives

- To Study the principles of drug design, pre-clinical evaluation, clinical trials, regulatory affairs and the application of new technologies in the drug discovery and development process
- To Explore the latest therapeutic concepts and principles relating to the causes, epidemiology, diagnosis and treatment of human diseases in current clinical practice
- To Develop a systematic understanding and critical awareness of new technologies in cell and molecular biology
- Gain a wide range of valuable practical and transferable skills as well as the ability to apply data analytics to problems and developments in the pharmacological field
- Progress into careers in drug research and development in the pharmaceutical and biotechnology industries



Registration Form

Full Name: _____

Hall Ticket No: _____

Course: _____

Year: _____

Mobile: _____

Email: _____

Declaration:

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

Date: _____

Signature of the Applicant.

Signature of Head of Organization

Registration Fee:

Registration form along with registration fee to be submitted
on or before 04/04/2021



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(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 Research and Data analytics
Duration : 30 Hours
Date of Commencement : 06-04-2021 to 06-05-2021
Course Co-ordinator : Ms. K. Jyothi & Ms. K. Shailusha

CURRICULUM & SCHEDULE:

Dates	Topic	Resource Person
06-04-2021	Introduction to Research	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)
07-04-2021	Fundamentals of Data and Statistics	Dr. Sandhya (Jayamukhi Institute of Technological Sciences)
08-04-2021 (Forenoon & Afternoon Sessions)	Understanding the research paradigms	Dr. G. Anil Kumar (Jayamukhi Institute of Pharmaceutical Sciences)
09-04-2021	Review of literature	Dr. G. Hemalatha (Jayamukhi College of Pharmacy)
10-04-2021	Research Design	Ms. T. Smitha (Jayamukhi College of Pharmacy)
12-04-2021	Qualitative research	Dr. Ch. Srinivas Reddy, (Vaagdevi College of Pharmacy)
15-04-2021	Methods of data collection	Dr. S. Vasudeva Murthy (Jayamukhi College of Pharmacy)
16-04-2021 (Forenoon & Afternoon Sessions)	Basic Concepts of Biostatistics in Research	Dr. E. Sriram (Jayamukhi Institute of Management Sciences)
17-04-2021	Project proposal	Dr. Ch. Srinivas Reddy, (Vaagdevi College of Pharmacy)
19-04-2021	Sampling design	Dr. B. Chandrashekar, (Vaagdevi Pharmacy College)

20-04-2021 (Forenoon & Afternoon Sessions)	Measurement and scaling techniques	Dr. B. Chandrashekar, (Vaagdevi Pharmacy College)
22-04-2021	Methods used for data analysis in qualitative research	Dr. E. Venkateshwarlu (Vaagdevi College of Pharmacy)
23-04-2021	Methods used for data analysis in quantitative research	Mr. M. Rakesh (Jayamukhi College of Pharmacy)
24-04-2021 (Forenoon & Afternoon Sessions)	Introduction to Databases and Data Types	Dr. Srinivas Rao (Jayamukhi Institute of Technological Sciences)
26-04-2021	Data Sources and Data Challenges	Dr. Sandhya Rani (Jayamukhi Institute of Technological Sciences)
27-04-2021	Formulating Data Questions	Dr. P. Ushasree (Jayamukhi College of Pharmacy)
28-04-2021	Applications of Data Science in Health Informatics	Dr. D. Kumaraswamy (Vaagdevi College of Pharmacy)
29-04-2021	Pharmaceutical and Healthcare Quality Systems	Dr. D. Kumaraswamy (Vaagdevi College of Pharmacy)
30-04-2021	Pharmaceutical and Healthcare Data Integration	Dr. D. Kumaraswamy (Vaagdevi College of Pharmacy)
01-05-2021	FDA Approaches to Data Analytics	Ms. T. Smitha (Jayamukhi College of Pharmacy)
03-05-2021 (Forenoon & Afternoon Sessions)	Industry Based Case Studies	Dr. S. Manoj Babu, Jayamukhi College of Pharmacy
04-05-2021	Considerations in research data analysis	Dr. P. Santhosh (Jayamukhi College of Pharmacy)
05-05-2021 (Forenoon & Afternoon Sessions)	Writing of research paper and Review articles	Dr. Syeda Nishat Fathima (Jayamukhi College of Pharmacy)
06-05-2021 (Forenoon & Afternoon Sessions)	Writing of Research Proposal and Grants	Dr. C. Veeresham, (Jayamukhi College of Pharmacy)

Forenoon Session: 09:30 AM

Afternoon Session: 01:30 PM



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NARSAMPET, Dist. Warangal - 506 532, (T.S)

ASSESSMENT:

Participants who complete the course with at least 80% attendance and pass the oral exam conducted at the end of workshop will get a certificate.



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NARSAMPET, Dist. Warangal - 506 552, (T.S)

Certificate course Research and Data Analytics

Date: 06-04-2021 to 12-04-2021

List of Students Enrolled

S. No	Hall ticket Number	Name of the Student	Signature
	20353P1001	Venumuddala Humpy	V. Humpy
	20353P1003	Polepangu Nagarani	P. Nagarani
	20353P1004	Kotta Sandeep	K. Sandeep
	20353P1005	Aruri Naveen	Naveen
	20353P1006	Juluri Himabindu	Himabindu
	20353P1007	Yara Manasa	Y. Manasa
	20353P1009	Birru Mounika	Mounika
	20353P1010	Makula Rashi	Rashi
	20353P1011	Vadlakonda Tharun	Vadlakonda Tharun
	20353P1012	Erpa Nagamani	Nagamani
	20353P1013	Reshma Nazz	Reshma
	20353P1014	Pruthvi Raj	Raj




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NARSAMPET, Dist. Warangal - 506 352, (T.S)

Certificate course Research and Data Analytics

Date: 06-04-2020 to 06-05-2021

List of Participants

S. No	Hall ticket Number	Name of the Student
1	20353P1001	Venumuddala Humpy
2	20353P1003	PolepanguNagarani
3	20353P1004	Kotta Sandeep
4	20353P1005	Aruri Naveen
5	20353P1006	JuluriHimabindu
6	20353P1007	Yara Manasa
7	20353P1009	Birru Mounika
8	20353P1010	MakulaRashi
9	20353P1011	VadlakondaTharun
10	20353P1012	ErpaNagamani
11	20353P1013	Reshma Nazz
12	20353P1014	Pruthvi Raj

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

Certificate Course "Research and Data Analytics"

Certificate of Completion

This is to certify that Mr./Ms. V. Tharun has successfully completed Certificate Course on "Research and Data Analytics", organized by Jayamukhi College of Pharmacy, Narsampet, Warangal from 06-04-2021 to 12-04-2021.

S. Vasudeva Murthy

Jayamukhi College of Pharmacy
Narsampet-506 332



S. Vasudeva Murthy

Principal
Dr. S. Vasudeva Murthy



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LEARNING OUTCOMES:

Through the Certificate Course on Research and Data analytics, students were able to:

- Apply principles of statistics.
- Obtain, clean/process, and transform data
- Analyse and interpret data using an ethically responsible approach
- Use appropriate models of analysis, assess the quality of input, derive insight from results, and investigate potential issues
- Learn Publication ethics
- Gain knowledge on how to write research and review articles.



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NARSAMPET, Dist. Warangal - 506 352, (T.S)

SUMMARY:

Certificate course in research and Data Analytics, for M. Pharmacy Pharmaceutics and M. Pharmacy Pharmacology Second Year was conducted for students to be able to develop the skills concerning the application of various principles of operations research, statistics and informatics in data analytics. Research data analysis is a process used by researchers for reducing data to a story and interpreting it to derive insights. The data analysis process helps in reducing a large chunk of data into smaller fragments, which makes sense. Within pharmacy, data analytics can be used to synthesize the data and thus drive decision-making. Actions taken based on these data can in turn help to increase operational efficiency and create a safer pharmacy practice to ensure better patient care. Through this course students learnt how to write the scientific research and review articles. All the 12 participants received the certificate.