



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE & PCI, Under Section 12, New Delhi and Affiliated to kakathiya University, Wgl)

Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date:11-07-2021

Circular

Subject: Workshop ON the Topic" **High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing**"

We are excited to announce a Workshop on the" **High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing**" to be held on 19-20July, 2021 .This event promises an enriching and insightful experience for all the Participants regarding sample preparation techniques to be followed during handling HPLC.

We have invited distinguished expert and renowned speaker **Dr Manish Kumar HOD Pharmaceutical Analysis**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.




PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing

19-20 July, 2021

Chief Patrons

Dr. A. RAJENDRA PRASAD REDDY
Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr T.Manish Kumar HOD Pharmaceutical Analysis
Convener



Dr. A. Shyam Sunder
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High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing

Gains	High performance Liquid Chromatography (HPLC): Operational principles and essential concepts. Theory of separation mechanisms and modes. Understanding the instrumentation including possible configurations, solvent delivery pumps, sample injectors, columns and detectors of HPLC. Basic maintenance of HPLC. Troubleshooting process for problems like pressure, baseline, peak shape and retention issues. Practical applications of HPLC in the Industry. HPLC Method Development Strategies. Best practices in HPLC. Live demonstration of experiments; Simple group Practical/hands-on session; Mini-workshop on data interpretation with real data; Quick update on latest techniques/developments; Workshop is intended to be basic but shall include a few special applications illustrated with real case studies. Learn from faculty with extensive practical experience with industrial applications.
Co-coordinator	Dr Manish Kumar Phone: +91-9966463586 manishcancer@gmail.com
Organized by	<ul style="list-style-type: none">Department of Pharmaceutical Analysis-Balaji Institute of Pharmaceutical Sciences
For whom	<ul style="list-style-type: none">Students of Pharma / analytical/physical chemistry wishing to equip themselves for industry jobs
When	19-20 July, 2021
Where	Central instrumentation Laboratory, Balaji Institute of Pharmaceutical Sciences
Contact	Dr Manish Kumar Phone: +91-9966463586 manishcancer@gmail.com .
Registration	Maximum 30 seats; First-come-first-serve. for registration: Interested participants need to contact workshop Co-coordinator



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BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

Laknepally (V), Narsampet (M), Dist. Warangal, Telangana, India - 506331

Certificate of Participation

This certifies that Mr./Ms. A. Anjum has
participated in two days workshop on

“High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing”

held on 19th & 20th July, 2021.

Dr. Manish Kumar Thimmaraju
Coordinator

Dr. A. Shyam Sunder
Principal



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Name of the Event: High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing

S.NO	NAME OF THE DELEGATE
1	PENAKA VIJAYBHARGAV
2	ALWALA MOUNIKA
3	ASRA ANJUM
4	BARIGELA SHRUTHI
5	BASKULA NAVEEN
6	BILLA DIVYA
7	BOGI CHITTI
8	BOTIKA LAVANYA
9	BOYINENI VISHNU PRIYA
10	BURRA RAKESH
11	CHEERLA PRANITHA REDDY
12	CHIRRA BHAVANI
13	CHITYAM SANDHYA RANI
14	CHUNCHA SIRIVENNELA
15	DAMALLA MAHENDER
16	ELIGETI MANOHAR
17	ETTABOINA RAVALIKA
18	GODASI SUPRIYA
19	GUNDGONIWAR SONALI MALLESH
20	JALAGAM GANESH
21	JODUMUNTHALA MOUNIKA
22	KAITHA SANDHYA
23	KALVACHARLA DEEPIKA
24	KANAPARTHI ASHWITHA
25	KANDUKURI ANUSHA



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Workshop Report: High Throughput HPLC - Strategies for Rapid Analysis and Sample Processing

Date: 19-20 July, 2021

Location: Balaji Institute of Pharmaceutical Sciences

Presenter: Dr. Manish Kumar, HOD Pharmaceutical Analysis

The workshop on "High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing" was organized at Balaji Institute of Pharmaceutical Sciences to provide participants with insights into the principles, techniques, and applications of High-Performance Liquid Chromatography (HPLC) for rapid analysis and efficient sample processing. The workshop was conducted by Dr. Manish Kumar, Head of Department of Pharmaceutical Analysis.

The main objectives of the workshop were:

- To familiarize participants with the fundamental principles of HPLC.
- To introduce strategies for achieving high throughput in HPLC analysis.
- To demonstrate efficient sample preparation techniques for HPLC.
- To discuss the applications and advantages of high throughput HPLC in pharmaceutical analysis.

Dr. Manish Kumar started the workshop by providing a comprehensive overview of HPLC, its components, and the importance of this analytical technique in various fields, especially pharmaceutical analysis. The workshop then delved into the core principles of HPLC, including stationary phases, mobile phases, and the various separation modes (normal phase, reverse phase, ion-exchange, etc.). Dr. Kumar introduced the concept of high throughput analysis in HPLC, emphasizing the need for faster analysis without compromising data quality. He discussed strategies such as utilizing shorter columns, higher flow rates, and advanced detection methods like mass spectrometry. Various sample preparation techniques were demonstrated, including solid-phase extraction (SPE), liquid-liquid extraction (LLE), and protein precipitation. Participants gained insights into choosing the most appropriate technique based on the sample matrix.

The workshop highlighted the role of automation in achieving high throughput. Attendees were introduced to modern HPLC systems equipped with auto-samplers, robotic sample handlers, and software for data processing. Dr. Kumar showcased real-world applications of high throughput HPLC in pharmaceutical analysis, including drug dissolution testing, pharmacokinetic studies, impurity profiling, and formulation analysis. The workshop also covered basic data analysis techniques, peak integration, and calibration curve construction. Participants were guided on interpreting chromatograms and identifying potential issues. A hands-on session allowed participants to operate an HPLC system, prepare samples, and run test analyses. This practical experience helped reinforce the theoretical concepts covered during the workshop. The workshop concluded with an interactive Q&A session where participants had the opportunity to clarify doubts and discuss practical challenges they might face while implementing high throughput HPLC techniques.

The workshop on High Throughput HPLC provided valuable insights into the strategies for rapid analysis and sample processing using HPLC. Dr. Manish Kumar's expertise and interactive teaching style made the complex concepts easily understandable. Participants left the workshop equipped with knowledge that could significantly enhance their proficiency in pharmaceutical analysis using HPLC.

The success of the workshop underscored the importance of staying updated with the latest analytical techniques in the ever-evolving field of pharmaceutical sciences.



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Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted **Dr Manish Kumar HOD Pharmaceutical Analysis** on the topic **High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing**. Your responses will help us improve our future events.

Dates: 19-20 July, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *J. Ganesh*
Email: *Ganesh goud 22@gmail.com*
Class: *Pharm.D 3rd Year.*

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4]	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5]
Clarity of presentation:	[1]	[2]	[3]	[4]	[5]
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5]

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	[5]
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	[5]
Ability to address questions:	[1]	[2]	[3]	[4]	[5]
Overall presentation style:	[1]	[2]	[3]	[4]	[5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	[5]
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	[5]
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5]
Overall event arrangement:	[1]	[2]	[3]	[4]	[5]

Ganesh

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General Questions:

What aspects of the lecture did you find most valuable?

High Throughput HPLC: Strategies for Rapid Analysis & Sample Processing

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.




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Estd: 2005



Dr Manish Kumar Thimmaraju

HOD Pharmaceutical Analysis

Workshop on High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing



Dr. Manish Kumar Thimmaraju
PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
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నర్సంపేట 20 జూలై 2021 : నర్సంపేట మండలం లక్ష్మీపల్లె శివారులోని బిట్స్ ప్రభాకాలయా టెండులోని వారు నిర్వహించిన వర్క్ షాప్ " హై థ్రూపుట్ HPLC : డ్రుగ్ డివైజ్ ఫర్ రాపిడ్ అనలిసిస్ అండ్ సెంపుల్ ప్రాసెసింగ్ అనే అంశపై బిట్స్ ప్రెజెంట్ డా॥ రాజేంద్రప్రసాద్ రెడ్డి గారి ఆధ్వర్యంలో ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో ముఖ్య అతిథులుగా డా॥ ఆమర్తారాజ్ మనీష్ డిమాండ్ గారు డా॥ HOD ఫార్మాసుటికల్ అనలిసిస్ వారు హాజరయ్యారు. ఈ కార్యక్రమంలో డా॥ డ్రెజిస్ట్రార్ డా॥ కె.ఎ.నీష్ డిమాండ్ గారు అలాగే ప్రభాకాల డిస్ట్రిబ్యూట్ గారు డా॥ వ. శ్యామ్ సుందర్ గారు మరలగా కార్యక్రమం విద్యార్థులు పాల్గొన్నారు.



(Signature)

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Translation

PRESS NOTE

Date: 20-07-2021

A two days work shop on "High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr.T.Manish Kumar HOD Pharmaceutical Analysis BIPS, Warangal Telangana. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme.



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Date: 20-08-2021

Circular

Subject: Workshop ON the Topic" **Quantitative FTIR Analysis: Methods and Validation**"

We are excited to announce a Workshop on the " **Quantitative FTIR Analysis: Methods and Validation**" to be held on 27-28 August,2021.This event promises an enriching and insightful experience for all the Participants regarding validation by FTIR.

We have invited distinguished expert and renowned speaker **Mr P Siddhartha Kumar Department of Pharmaceutical Chemistry.**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.



Principal
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INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

Quantitative FTIR Analysis: Methods and Validation

27-28 August, 2021

Chief Patrons

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Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Mr P Siddhartha Kumar Department of Pharmaceutical
Chemistry

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr T.Manish Kumar HOD Pharmaceutical Analysis

Convener



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TWO DAY Workshop Quantitative FTIR Analysis: Methods and Validation

Hosted by Balaji Institute of Pharmaceutical Sciences

The Balaji Institute of Pharmaceutical Sciences is pleased to present a comprehensive workshop on "Quantitative FTIR Analysis: Methods and Validation." This workshop aims to provide participants with a deep understanding of the principles, techniques, and applications of quantitative Fourier Transform Infrared (FTIR) analysis in the field of pharmaceutical sciences.

Key Objectives:

- 🔥 Explore the fundamentals of FTIR spectroscopy and its relevance in quantitative analysis.
- 🔥 Understand various methods for quantitative analysis using FTIR.
- 🔥 Learn about validation procedures for ensuring accuracy and reliability in FTIR quantitative analysis.
- 🔥 Gain hands-on experience with FTIR instruments and software for quantitative analysis.
- 🔥 Discuss real-world applications of quantitative FTIR in pharmaceutical research and quality control.

Date: 27-28 August, 2021

Venue: Balaji Institute of Pharmaceutical Sciences Auditorium

Resource Person: Mr. Siddhartha Kumar

Experienced FTIR Analyst

Renowned expert in pharmaceutical analysis

Speaker at various international conferences

Author of several publications in the field

Workshop Highlights:

In-depth lectures on FTIR theory and quantitative analysis methods

Practical demonstrations of FTIR instruments and software

Case studies showcasing the role of FTIR in pharmaceutical research

Interactive Q&A sessions with Mr. Siddharth Kumar

Networking opportunities with fellow participants and industry experts

Who Should Attend:

- Pharmaceutical researchers and scientists
- Quality control professionals in the pharmaceutical industry
- Academicians and students in pharmacy and related fields

Don't miss this chance to enhance your skills in quantitative FTIR analysis and its validation. Join us at the Balaji Institute of Pharmaceutical Sciences for an enriching learning experience!



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Balaji Institute of Pharmaceutical Sciences



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Certificate of Completion

This certifies that

D. Mahesh

has completed the two days workshop on

“Quantitative FTIR Analysis: Methods and Validation”

during 27th & 28th August, 2021.

Dr. Manish Kumar Thimmaraju
Coordinator

Dr. A. Shyam Sunder
Principal



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Name of the Event: Quantitative FTIR Analysis: Methods and Validation

S.NO	NAME OF THE DELEGATE
1	DARSHANAPU POOJITHA
2	DEVARAKONDA NAVYA SHIRISHA
3	DODLA MAHESH
4	FIRUJ AHMED BARBHUIYA
5	GADDAM KIRAN KUMAR
6	GANTA SONY
7	GATLA SAINATH
8	GUJJA SOUMYA
9	GUNDAVARAM RAVALI
10	HASANUZ ZAMAN CHOUDHURY
11	HEDAU BHAGYASHRI
12	JAKARIA ALOM MOZUMDER
13	JANGAM HONEY JASMINE
14	JASHIM UDDIN LASKAR
15	K ANJANEYULU
16	KABIR HUSSAIN LASKAR
17	KALLAPALLY BHARGAVI
18	KANNEBOINA SWATHI
19	KAYITHA SUPRAJA
20	KONDAM AISHWARYA
21	KONDLE YASHONADH
22	L ABHILASH SINGHA
23	LINGALA RAVALI
24	MAILA RAVALI
25	MANGOLE JYOSHNA
26	MOHAMMAD MOIZ KHAN
27	MUTTINENI SNEHITHA
28	AADEPU MANASA



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Workshop Report: Quantitative FTIR Analysis - Methods and Validation

Venue Balaji Institute of Pharmaceutical Sciences

Date: 27-28 August, 2021

Presenter: **Mr. P. Siddharth Kumar**, Department of Pharmaceutical Chemistry

A two-day workshop on "Quantitative FTIR Analysis: Methods and Validation" was organized by Balaji Institute of Pharmaceutical Sciences. The workshop aimed to provide participants with a comprehensive understanding of Fourier Transform Infrared Spectroscopy (FTIR) and its application in quantitative analysis within the field of pharmaceutical chemistry. The workshop was conducted by Mr. P. Siddhartha Kumar, a respected faculty member of the Department of Pharmaceutical Chemistry.

Workshop Objectives:

- To introduce participants to the principles and theory of FTIR spectroscopy.
- To discuss quantitative analysis techniques using FTIR.
- To provide insights into validation methods for quantitative FTIR analysis.
- To engage participants in hands-on exercises and case studies.

Mr. P. Siddharth Kumar began the workshop by introducing participants to the basic principles of FTIR spectroscopy. He explained the concept of infrared radiation, interaction with chemical bonds, and the resulting spectra. Participants gained an understanding of how different functional groups contribute to the spectral peaks. The presenter delved into various quantitative analysis techniques using FTIR. He discussed the Beer-Lambert Law and its application in pharmaceutical analysis. The concept of peak area integration and its correlation with concentration was explained in detail. This session focused on the practical aspects of data handling and processing in quantitative FTIR analysis. Participants learned about baseline correction, noise reduction, and spectral preprocessing techniques to enhance the accuracy of analysis. Mr. Kumar emphasized the importance of validation in analytical methods. He explained the various parameters involved in method validation, such as accuracy, precision, linearity, and robustness. Case studies illustrating validation processes were presented.

A hands-on session allowed participants to work with real FTIR data. They practiced quantitative analysis using software tools commonly used in the field. This interactive session enhanced participants' practical skills and confidence. The presenter shared real-world case studies showcasing the application of quantitative FTIR analysis in pharmaceutical research and quality control. Participants gained insights into the diverse applications of FTIR in various drug development stages.

The workshop on "Quantitative FTIR Analysis: Methods and Validation" provided participants with a solid foundation in the principles and practices of using FTIR spectroscopy for quantitative analysis. The hands-on session and case studies helped bridge the gap between theory and practical implementation. Participants left with a deeper understanding of FTIR techniques, data processing, and method validation, which are crucial skills in modern pharmaceutical analysis.

The Department of Pharmaceutical Chemistry at Balaji Institute of Pharmaceutical Sciences succeeded in organizing an informative and engaging workshop, empowering participants to apply FTIR spectroscopy effectively in their future endeavors.



Saunder

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Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted **Mr P Siddhartha Kumar Department of Pharmaceutical Chemistry** on the topic **Quantitative FTIR Analysis: Methods and Validation**. Your responses will help us improve our future events.

Dates: - 27-28 August, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *L. Ravali*
Email: *Ravali Lingala 28@gmail.com*
Class: *Pharm.D 3rd Year.*

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4] ✓	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5] ✓
Clarity of presentation:	[1]	[2]	[3]	[4] ✓	[5] ✓
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5] ✓

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4] ✓	[5]
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	[5] ✓
Ability to address questions:	[1]	[2]	[3]	[4] ✓	[5]
Overall presentation style:	[1]	[2]	[3]	[4] ✓	[5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4] ✓	[5]
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	[5] ✓
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5] ✓
Overall event arrangement:	[1]	[2]	[3]	[4] ✓	[5]

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General Questions:

What aspects of the lecture did you find most valuable?

Methods and validation, found valuable

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes.

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



Sanyal
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Warangal (Dt) - 506 331 (T.S)



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)



Mr P Siddhartha Kumar

Quantitative FTIR Analysis: Methods and Validation



S. Suresh
PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



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నర్సంపేట డిగ్రీ కాలేజ్ 2021: నర్సంపేట మండలం లక్ష్మీపల్లె నివాసులతో
 జట్స్ కళాశాల లా రెండో రోజుల పాటు నిర్వహించిన వర్క్ షాప్
 "క్వాంటిటేటివ్ FTIR అనలిసిస్ ; మోడర్న్ ఓ వాలిడేషన్ అనే
 అంశపై జట్స్ చైర్మన్ డా॥ రాజేంద్ర ప్రసాద్ రెడ్డి గారి అధ్యక్షతన
 ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా
 మిస్టర్ P. సిద్ధార్థ కుమార్ టెచనోలజీస్ ఆఫ్ ఫార్మా సైన్సెస్ కెమ్మిస్ట్రీ
 డివిజన్ హాజరయ్యారు. ఈ కార్యక్రమంగా డా॥ ఆర్.ఎస్.ఎస్.ఎస్
 డా॥ టి.మనీష్ కుమార్ గారు అలాగే కళాశాల ప్రిన్సిపాల్
 డా॥ ఎ. శ్యామ సుందర్ గారు మరియు కళాశాల విద్యార్థులు
 పాల్గొన్నారు.



(Handwritten signature)

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Warangal (Dt) - 506 331 (T.S)

Translation.

PRESS NOTE

Date: 28-08-2021

A two days work shop on "Quantitative FTIR Analysis: Methods and Validation" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Mr P.Siddharth Kumar, BIPS, Warangal Telangana. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date: 19-09-2021

Circular

Subject: Two-Day Workshop ON the Topic” **Controlling Critical Parameters in Lyophilization: A Practical Approach**”

We are excited to announce a Two-Day Workshop on the “**Controlling Critical Parameters in Lyophilization: A Practical Approach**” to be held on 23-24 September, 2021. This event promises an enriching and insightful experience for all participants to learn the concepts of Lyophilization.

We have invited distinguished expert and renowned speaker **Dr Ramana Murthy, Andhra University**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.




Principal

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Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

Controlling Critical Parameters in Lyophilization: A Practical Approach

23-24 September, 2021

Chief Patrons

Dr. A. RAJENDRA PRASAD REDDY
Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Dr Ramana Murthy, Andhra University

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr G Dalapathi HOD Pharmaceutics

Convener



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TWO-DAY WORKSHOP CONTROLLING CRITICAL PARAMETERS IN LYOPHILIZATION: A PRACTICAL APPROACH

Hosted by Balaji Institute of Pharmaceutical Sciences

Workshop Overview:

Lyophilization, commonly known as freeze-drying, is a crucial process in the pharmaceutical industry to preserve sensitive products and extend their shelf life. Controlling critical parameters during lyophilization is essential to ensure product quality, efficacy, and stability. This two-day workshop aims to provide participants with practical insights into mastering the art of lyophilization by understanding and managing critical parameters effectively.

Workshop Highlights:

- In-depth discussions on the principles and fundamentals of lyophilization.
- Practical approaches to controlling critical parameters for successful lyophilization.
- Case studies and real-world examples to illustrate challenges and solutions.
- Hands-on demonstrations and simulations of lyophilization processes.
- Interaction with Dr. Ramanamurthy, a renowned expert in the field.
- Networking opportunities with fellow pharmaceutical professionals.

Resource Person: Dr. Ramanamurthy Professor, Department of Pharmaceutical Sciences, Andhra University

Dr. Ramanamurthy brings a wealth of knowledge and experience in the field of lyophilization. With extensive research and practical expertise, he has contributed significantly to advancements in pharmaceutical sciences. His engaging teaching style and industry insights make this workshop a unique opportunity for all participants.

Workshop Details:

Date: 23-24 Sep 2021

Who Should Attend: Researchers, professionals, and students in the pharmaceutical and related industries who are interested in enhancing their understanding of lyophilization.



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Day 1: Fundamentals of Lyophilization

- Introduction to lyophilization: concepts and applications.
- Phases of lyophilization process: freezing, primary drying, secondary drying.
- Role of critical parameters in product quality and stability.
- Understanding heat and mass transfer during lyophilization.

Day 2: Mastering Critical Parameter Control

- Controlling freezing parameters: nucleation, ice crystal growth.
- Optimization of primary drying conditions: time, temperature, pressure.
- Managing secondary drying: residual moisture control.
- Monitoring and controlling container closure integrity.
- Regulatory considerations and guidelines for lyophilized products.

Don't miss this opportunity to learn from an industry expert and gain practical insights into controlling critical parameters in lyophilization. Join us and take your understanding of pharmaceutical processes to the next level.



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Name of the Event: Controlling Critical Parameters in Lyophilization: A Practical Approach

S.NO	NAME OF THE DELEGATE
1	MOGULOJU SUCHARITHA
2	DEVARAKONDA VENKATARAMANA
3	SURA NAVEEN
4	ALUVALA MADHURI
5	AMINUL ISLAM BARBHUIYA
6	ANNA ARUN KUMAR
7	BANDAVARAM NEELIMA
8	BURA RAVALI
9	BYRU NIHARIKA
10	CHINTHALA SAI CHANDU
11	DARSHANAPU POOJITHA
12	DEVARAKONDA NAVYA SHIRISHA
13	DODLA MAHESH
14	FIRUJ AHMED BARBHUIYA
15	GADDAM KIRAN KUMAR
16	GANTA SONY
17	GATLA SAINATH
18	GUJJA SOUMYA
19	GUNDAVARAM RAVALI
20	HASANUZ ZAMAN CHOUDHURY
21	HEDAU BHAGYASHRI
22	JAKARIA ALOM MOZUMDER
23	JANGAM HONEY JASMINE
24	JASHIM UDDIN LASKAR
25	K ANJANEYULU
26	KABIR HUSSAIN LASKAR
27	KALLAPALLY BHARGAVI
28	KANNEBOINA SWATHI
29	KAYITHA SUPRAJA
30	KONDAM AISHWARYA



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Workshop Report: Controlling Critical Parameters in Lyophilization - A Practical Approach

Workshop Date: 23-24 September, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Speaker: Dr. Ramana Murthy, Andhra University

The workshop on "Controlling Critical Parameters in Lyophilization: A Practical Approach" was held at Balaji Institute of Pharmaceutical Sciences under the guidance of Dr. Ramana Murthy, Andhra University. The workshop aimed to provide participants with a comprehensive understanding of lyophilization (freeze-drying) techniques and strategies to control critical parameters during the process.

- The primary objectives of the workshop were to:
- Familiarize participants with the concept of lyophilization and its significance in pharmaceuticals.
- Highlight the critical parameters involved in the lyophilization process.
- Discuss practical approaches to control these critical parameters effectively.
- Enhance participants' knowledge of pharmaceutical analysis techniques related to lyophilized products.

The workshop was structured into several sessions that covered various aspects of lyophilization and its critical parameter controls. The workshop began with an overview of lyophilization, its applications, and its importance in preserving the stability of sensitive pharmaceutical products.

This session delved into the fundamental principles of freeze-drying, including the three main stages: freezing, primary drying, and secondary drying. The significance of each stage in achieving product stability was emphasized. Participants were introduced to the critical parameters that can significantly influence the outcome of the lyophilization process. These parameters included temperature, pressure, and time, as well as the characteristics of the formulation itself. Practical approaches to controlling critical parameters were discussed in detail. Strategies to optimize freezing methods, adjust pressure profiles, and implement appropriate temperature gradients were explored. Dr. Ramana Murthy led a session on analytical techniques for monitoring the progress of lyophilization and assessing the quality of lyophilized products. Participants learned about methods such as differential scanning calorimetry (DSC), freeze-drying microscopy (FDM), and reconstitution studies.

Real-life case studies were presented, showcasing examples of successful lyophilization processes and the strategies used to overcome challenges related to critical parameter control.

A practical demonstration allowed participants to apply their theoretical knowledge. They engaged in setting up freeze-drying equipment, monitoring critical parameters, and making necessary adjustments. The workshop concluded with an interactive session where participants had the opportunity to ask questions, share insights, and discuss their experiences.

The workshop on "Controlling Critical Parameters in Lyophilization: A Practical Approach" at Balaji Institute of Pharmaceutical Sciences, led by Dr. Ramana Murthy, provided participants with a comprehensive understanding of lyophilization techniques and strategies. The practical orientation of the workshop, including hands-on training and case studies, equipped participants with the knowledge and skills to effectively control critical parameters during the lyophilization process. This knowledge will undoubtedly contribute to the production of high-quality lyophilized pharmaceutical products in the future.



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Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted **Dr Ramana Murthy, Andhra University** on the topic **Controlling Critical Parameters in Lyophilization: A Practical Approach**. Your responses will help us improve our future events.

Dates: 23-24 September, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Name: M. Sucharitha
Email: sucharitha.moguloju20@gmail.com
Class: Pharm.D 4th year.

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Clarity of presentation:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Use of examples and case studies:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Ability to address questions:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Overall presentation style:	[1]	[2]	[3]	[4]	[5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Overall event arrangement:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]

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General Questions:

What aspects of the lecture did you find most valuable?

controlling critical parameters in Lyophilization
A practical approach

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

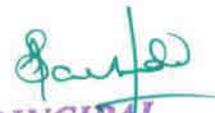
yes

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.




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నర్సంపేట 24 సెప్టెంబర్ 2021: నర్సంపేట మండలం లక్ష్యపూర్ణ నివారణా
బోర్డు కార్యకర్తలకు రెండు రోజుల పాటు నిర్వహించిన వర్క్ షాప్
లో కంట్రోలింగ్ క్రిటికల్ పారామీటర్స్ ఇన్ లయోఫైలిజేషన్ : ఎ ప్రాక్టికల్
అప్రోచ్ అనే అంశంపై బోర్డు కార్యకర్తలకు చిరంజీవి అభ్యర్థి అన
ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా
'డా. రమణ మూర్తి, బ్రాహ్మయ్యారవల్లి' వారు పాల్గొన్నారు.
ఈ కార్యక్రమంలో డా. శ్రీనివాస్ రెడ్డి, డా. టి. మనీష్ కుమార్ గారు
అలాగే కార్యకర్తల ప్రెజెంటేషన్ డా. ఎ. రామ్ సుందర్ గారు ముఖ్య
భాగాన్ని నిర్వహించి పాల్గొన్నారు.



Rajendra

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

Translation

PRESS NOTE

Date: 24-09-2021

A two days work shop on "Controlling Critical Parameters in Lyophilization: A Practical Approach" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr Ramana murthy, Andhra University. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme



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Dr Ramana Murthy

Professor in Pharmaceutical Technology

Andhra University




PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M),
Warangal (Dt) - 506 331 (T.S)



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Date: 12-12-2021

Circular

Subject: Workshop ON the Topic" **Pharmacovigilence week organized by KMC Wgl in association with Guardian Multi specialty Hospital"**

We are excited to announce a Workshop on the "**Pharmacovigilence week organized by KMC Wgl in association with Guardian Multi specialty Hospital"** to be held on 17-18 December, 2021.This event promises an enriching and insightful experience for all Pharm D students regarding importance of Pharmacovigilence.

We have invited distinguished expert and renowned speaker **Dr Srinivas Pharmacovigilence officer MGM Hospital Warangal**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.



Principal

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

**Pharmacovigilance week organized by KMC Wgl in
association with Guardian Multi Speciality Hospital**

17-18 December, 2021

Chief Patrons

Dr. A. RAJENDRA PRASAD REDDY
Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Dr Srinivas, Pharmacovigilance officer MGM Hospital
Warangal

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr A.Nagesh Associate Professor Pharm D
Convener



PRINCIPAL

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Pharmacovigilance Week A Two Day Workshop

Organized by: KMC Warangal

In Association with: Guardian Multi Speciality Hospital

Date: 17-18 December, 2017-18 December, 202121

Venue: Balaji Institute of Pharmaceutical Sciences

Join us for a comprehensive Two-Day Workshop on Pharmacovigilance, aimed at enhancing your knowledge and skills in drug safety monitoring and reporting. This workshop is a collaborative effort between KMC Warangal and Guardian Multi Specialty Hospital, and will be facilitated by renowned expert Dr. Srinivas, associated with MGM Hospital Warangal.

Workshop Highlights:

- Gain insights into the importance of pharmacovigilance in healthcare
- Learn about adverse drug reactions (ADRs) and their significance
- Understand global pharmacovigilance regulations and guidelines
- Explore the role of healthcare professionals in reporting ADRs
- Hands-on training for pharmacovigilance data collection and analysis
- Case studies and group discussions for practical understanding
- Networking opportunities with fellow participants and experts

Resource Person:

Dr. Srinivas, Pharmacovigilance Specialist, MGM Hospital Warangal

Don't miss this opportunity to enhance your expertise in pharmacovigilance and contribute to safer healthcare practices. Limited seats available!

Come be a part of this enlightening workshop and play a pivotal role in ensuring the safety of pharmaceuticals.



Srinivas
PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)



BIPS
NARSAMPET

Balaji Institute of Pharmaceutical Sciences

Laknepally (V), Narsampet (M), Dist. Warangal, Telangana, India - 506331

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. A. Manasa has

participated in two days workshop organised by KMC Wgl on

"Pharmaco vigilance Week"

in association with Guardian Multi speciality Hospital

conducted on 17th & 18st October, 2021.

Dr. A. Nagesh
Coordinator

Dr. A. Shyam Sunder
Principal



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Name of the Event: Pharmacovigilence week organized by KMC Wgl in association with Guardian Multi Specialty Hospital

S.NO	NAME OF THE DELEGATE
1	AADEPU MANASA
2	ADDURI SRUTHI
3	CHINTHAKINDI MAHESH
4	DASARI SAHITHI
5	ENDLA UDAY TEJA
6	GARAMPALLI ANUSHA
7	GUGULOTH CHIRANJEEVI
8	KANNEBOINA PRAVALLIKA
9	KOKKARAKONDA ANJALI
10	MOGULOJU SUCHARITHA
11	MOHAMMED SOHAIL PASHA
12	NAMANI KAVYASRI
13	PENAKA VIJAYBHARGAV
14	RANGISETTI SRILATHA
15	SHAZIA KOUNAIN
16	SYED AKHIL PASHA
17	THANNERU LAVANYA
18	UTKURU MOUNIKA
19	JADI MALATHI
20	DEBBATY MEGHANA
21	P AKSHARA
22	CHEPYALA HARIKA
23	PASULA DINESH
24	AADEPU MANASA
25	ADDURI SRUTHI
26	CHINTHAKINDI MAHESH
27	DASARI SAHITHI
28	MR TANMOY GIRI
29	MS.SPOORTHI ODELA
30	AJAY ORUGANTI
31	POONAM RAJENDRA BRAMHANE
32	MR SADDAM HUSSAIN
33	MR NAZMUL KHAN
34	KARNATAW
35	MR.VEDANT DATTATRAY SAVANT
36	JUMAR ALI
37	MS. SHALLY CHOUDHARY
38	MS. G. SUPRIYA MADHURI
39	MS.NAZIYA TABASSUM
40	JAHANGIR ALAM



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41	MS BHAVSAR PRIYABEN ASUTOSHKUMAR
42	MR. SUNIL DNYANESHWAR SHINDE
43	MR. HARA PRASAD SINGHA
44	MS. SNEHAL SONWANE
45	SAINI VYSHNAVI
46	MR. SK SIKANDAR BADSHA
47	MR. ARAJIT SINGHA
48	MS. SALONI PANDA
49	JANGILI NAVYA
50	MS. SMRUTI MALLIKA DUTTA
51	SASHIBHUSAN DASH
52	MR. SOUKAT GARAIN
53	MS DHUMAL VAISHNAVI BALAJI
54	MR BALABHADRA BARIK
55	MS.MAHEEN AFROZE
56	NAYAK
57	DR.JANAGAM KARTHIK
58	MS. HARSHITHA. D
59	ELUGAM MANICHANDANA
60	MS. VIDYA
61	MANDA. SANDEEP
62	G.SAI SANTHOSH
63	MR. MUMTAZ AHMAD
64	MR MOH AIJAZ
65	MR. MD REHAN
66	BHASKAR JYOTI SAHA
67	AKHILA
68	JINKALA MANASA
69	MR TARIQ BANAEEM
70	MS ASMA MASOOD
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72	SATYAJIT MANDAL
73	MS DYAGALA GIRIJA
74	VISLAVATH SANTHOSH
75	MS AAKSHI GUPTA
76	MR. SURAJ B S
77	MR. SURAJ BHUPENDRA PARDESHI
78	MR. AJITKUMAR POPAT ABHANG
79	SIDDIQUI MOHD ABDUL WASE MD ABDUL SAMI
80	MR. NOOR HASSAN SIDDIQUE
81	MR. HRITHIK DEY
82	MINTU GURJAR
83	DR PATIL ADINATH BHIMASHANKAR
84	MR BARISH GHOSH
85	RAHUL YADAV
86	MS SK.FARHEENUNISSA
87	MR. SAGAR CHUNILAL PATIL
88	MS. ANGARA SURYA CHANDRIKA
89	MS.KADIYALA MONALISA



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90	SAPNA MOHAN RATHOD
91	KUDIKALA ASHRITHA
92	MS.KEERTHI PERVARAM
93	MR. MOHAMAMD ANAS ANSARI
94	MR JAYDEEP KUMAWAT
95	SAMREEN
96	VANGA JYOTHIKA
97	THILAK
98	K.MOUNIKA
99	MR TANMOY GIRI
100	MS.SPOORTHI ODELA
101	AJAY ORUGANTI
102	POONAM RAJENDRA BRAMHANE
103	MR SADDAM HUSSAIN
104	MR NAZMUL KHAN
105	KARNATAW
106	MR.VEDANT DATTATRAY SAVANT
107	JUMAR ALI
108	MS. SHALLY CHOUDHARY
109	MS. G. SUPRIYA MADHURI
110	MS.NAZIYA TABASSUM
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113	MR. SUNIL DNYANESHWAR SHINDE
114	MR. NIKHIL S. PAMNANI
115	MS. PRATIKSHA KAILAS PATIL
116	KHAIRUNNISA BEGUM
117	SANIYA YASMEEN
118	MR NURJAMAL HOQUE
119	MS YOGITHA
120	MR WASHIM AKRAM
121	MR SAHOO
122	PRITAM KUMAR BASAK
123	MS AKHILA
124	MS MANASA
125	MR NITHIN
126	MR MIRAJ
127	ANURUP BHATTACHARJEE
128	MOHAMMAD FAQRUDDIN ALMAS
129	CHEDIPAKA PRASHANTHINI
130	CHAUHAN JAYDIP BHAVSINHBHAI
131	REDDY RAJESH
132	SK ABDUL MOYED
133	SADDAM HUSSEIN
134	MS.MANJUSHA.M
135	MR. SUBHASIS SIMLANDI
136	MRS. DESHMUKH SUVARNA SUNIL
137	MR. SOUMIK MAZUMDAR
138	MS VISHVA
139	MR. SATYAN KAPOOR



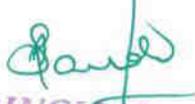
Ganesh

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140	MS.D.GOWTHAMI
141	MR.EBNE MASUD ALAM
142	MS SANDHYA
143	BARLA HARSHITHA
144	MS.M.SURASHMI
145	SUMANT
146	PULAGADAPA PRANEETH KUMAR
147	MSSNEHA
148	MS PRATIKSHA SHARMA
149	MISS DIKSHA DIWAKAR
150	MR.SAI TEJA
151	MD JUNAID
152	REKIB UDDIN
153	MS ANKITA BARIK
154	SAI KRISHNA
155	MR. BARUN KUMAR SAHU
156	MR. MANOJKUMAR NANDKISHOR CHAUDHARI
157	BIRRU SNEHA
158	MS FAHIMA KHANAM LASKAR
159	SOURAV SAHOO
160	RAGHAV S SARODE
161	MR AMIL
162	RAJAN KUMAR VERMA
163	MS.VAGHELA YOGITABA PURANSINH
164	MR.MAZHARJAMIL
165	BOLLAM REKHA
166	PABBATHI VARSHINI
167	MS AARCHI SINGLA
168	MOHAMMAD SAHIB
169	NEETIKA
170	MR GAURAV NERKAR
171	MS MARIYA SULTANA
172	MR YASH SHARMA
173	AMIMUWADAMUSU
174	MS.SHAIKH SAMEENA IBRAHIM
175	MS TEJASHREE
176	MR REEYA ARUN MISHRA
177	PABBU. SRAVYA
178	MR. CHIRAG GOYAL
179	MR. GOBINDA DHARA
180	MS AMRIN




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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Pharmacovigilance Week Report Organized by: KMC Warangal in Association with Guardian Multi-Specialty Hospital and Balaji Institute of Pharmaceutical Sciences

Date: 17-18 December, 2021

Speaker: Dr Srinivas, Pharmacovigilance officer MGM Hospital Warangal

Pharmacovigilance is a critical component of ensuring the safety and efficacy of pharmaceutical products. It involves the collection, monitoring, assessment, and prevention of adverse effects or any other drug-related problems. In this context, KMC Warangal, in collaboration with Guardian Multi-Specialty Hospital and Balaji Institute of Pharmaceutical Sciences, organized a Pharmacovigilance Week to raise awareness and promote understanding about the importance of monitoring and reporting adverse drug reactions (ADRs).

The main objectives of the Pharmacovigilance Week were as follows:

- Create awareness among healthcare professionals, students, and the general public about the significance of pharmacovigilance.
- Educate participants about the process of identifying, documenting, and reporting adverse drug reactions.
- Discuss the role of various stakeholders, including healthcare providers, pharmaceutical companies, regulatory bodies, and patients, in ensuring drug safety.
- Share insights into the advancements and challenges in Pharmacovigilance practices.
- Foster collaboration and networking among professionals in the healthcare and pharmaceutical sectors.

The event began with an inaugural ceremony graced by esteemed guests from the medical and pharmaceutical fields. They highlighted the importance of pharmacovigilance and its impact on patient safety. Throughout the week, interactive workshops and training sessions were conducted by experienced professionals. These sessions covered topics such as ADR identification, documentation, causality assessment, and reporting procedures. Renowned experts delivered lectures on emerging trends in pharmacovigilance, global regulatory standards, and the role of technology in adverse event monitoring.

Engaging panel discussions brought together experts from different domains to deliberate on challenges, ethical considerations, and the collaborative approach required for effective pharmacovigilance implementation. Students from Balaji Institute of Pharmaceutical Sciences presented their research findings on pharmacovigilance-related topics. This encouraged young minds to contribute to the field's development. As part of community outreach, a health camp was organized at Guardian Multi-Specialty Hospital, offering free health check-ups and consultations. An awareness drive educated the public about reporting ADRs and their role in ensuring drug safety. The event concluded with an awards ceremony, recognizing outstanding contributions to pharmacovigilance. Awards were presented to individuals and organizations for their exceptional efforts in promoting drug safety.

The Pharmacovigilance Week organized by KMC Warangal in collaboration with Guardian Multi-Specialty Hospital and Balaji Institute of Pharmaceutical Sciences proved to be a significant platform for disseminating knowledge, fostering collaboration, and advocating for enhanced drug safety measures. The event successfully achieved its objectives of raising awareness, educating stakeholders, and encouraging proactive participation in pharmacovigilance practices. By strengthening the pharmacovigilance ecosystem, such initiatives contribute to the overall well-being of patients and the advancement of healthcare



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted Dr Srinivas Pharmacovigilance officer MGM Hospital Warangal on the topic Pharmacovigilance week organized by KMC Wgl in association with Guardian Multi specialty Hospital. Your responses will help us improve our future events.

Dates: -17-18 December, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Name: A-southi
Email: southiaddu16@gmail.com
Class: B. Pharmacy 1st Year.

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4] ✓	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5] ✓
Clarity of presentation:	[1]	[2]	[3]	[4]	[5] ✓
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5] ✓

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	[5] ✓
Engagement and interaction with the audience:	[1]	[2]	[3] ✓	[4]	[5]
Ability to address questions:	[1]	[2]	[3]	[4]	[5] ✓
Overall presentation style:	[1]	[2]	[3]	[4]	[5] ✓

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	[5] ✓
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4] ✓	[5]
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5] ✓
Overall event arrangement:	[1]	[2]	[3]	[4]	[5] ✓

[Signature]
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General Questions:

What aspects of the lecture did you find most valuable?

pharmacovigilency week organized by KMC Wgl in association with Guardian Multi Speciality Hospital

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No suggestions.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



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Dr Srinivas, Program officer Pharmacovigilance

MGM Hospital Warangal

Pharmacovigilance week organized by KMC Wgl in association with Guardian Multi Specialty Hospital



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నర్సంపేట 18 డిసెంబర్ 2021 : నర్సంపేట మండలం లక్ష్మీపల్లి శివారులోని బిక్స్ కళాశాలలో శుభ కార్యక్రమాల వేడుకలలో నర్సంపేట వర్కశాప్ "ఫార్మాకోవిజిలెన్స్ వీక్ ఆర్గనైజ్డ్ బై కెఎంసీ మెడికల్ కాలేజీ" వేడుకలలో డా॥ అశోక్ కుమార్ అనే అధ్యాపకుడు బిక్స్ కాలేజీలో డా॥ రాజేంద్ర ప్రసాద్ రెడ్డి గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో డా॥ ఆర్.వేణుక డాక్టర్ ఎ. నాగేశ్ గారు అలాగే కార్యక్రమంలో డా॥ ఎ. శ్యామ సుందర్ గారు మరియు కార్యక్రమం విధానాలు వివరించారు.



(Signature)

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Translation

PRESS NOTE

Date: 18-12-2021

A two days work shop on "Pharmacovigilence week organised by KMC Wgl in association with Guardian Multi Speciality Hospital" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr Srinivas Pharmacovigilence Officer, MGM Hospital Warangal. Coordinator of the program Dr.A Nagesh, college, principal Dr.A.Shyam sunder, faculty and students participated in the programme



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date: 23-01-2022

Circular

Subject: Two-Day Workshop ON the Topic " The Role of Intellectual Property in Promoting Innovations and Creativity"

We are excited to announce a Two-Day Workshop on the "The Role of Intellectual Property in Promoting Innovations and Creativity" to be held on 28-29 January, 2022. This event promises an enriching and insightful experience for all participants to create awareness on innovations and creativity.

We have invited distinguished expert and renowned speaker **Mr. M.Srinivas MD Eeva IT&IP Services Pvt Ltd Hyderabad**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.



Principal
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INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

The Role of Intellectual Property in Promoting Innovations and Creativity

28-29 January, 2022

Chief Patrons

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Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Mr. M Srinivas MD Eeva IT&IP Services Pvt Ltd Hyderabad

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Principal, BIPS

Dr T. Manish Kumar, HOD Pharmaceutical Analysis

Convener



Shyam sunder

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The Role of Intellectual Property in Promoting Innovations and Creativity

Date: 28-29 January, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

About the Workshop

In today's rapidly evolving world, innovation and creativity are the driving forces behind economic growth and technological advancements. Intellectual Property (IP) plays a pivotal role in safeguarding and encouraging these innovations. The workshop on "The Role of Intellectual Property in Promoting Innovations and Creativity" aims to provide participants with valuable insights into the significance of IP in various industries, particularly focusing on the pharmaceutical sector.

Key Objectives

Understand the fundamentals of Intellectual Property and its types.

Explore how Intellectual Property promotes and protects innovations and creative endeavors.

Gain insights into the role of Intellectual Property in the pharmaceutical industry.

Learn strategies for effective Intellectual Property management and commercialization.

Resource Person

Mr. M Srinivas

Managing Director, Eeva IT&IP Services Pvt. Ltd.

Workshop Highlights

Interactive sessions led by industry experts.

Case studies illustrating successful IP management in the pharmaceutical domain.

Practical insights into patent filing, trademark protection, and more.

Q&A sessions to address participants' queries.

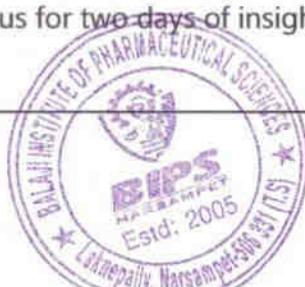
Networking opportunities with peers and professionals.

Who Should Attend

Students and faculty members from Pharmaceutical and related disciplines.

Researchers and innovators interested in understanding IP's role in their work.

Don't miss this opportunity to delve into the world of Intellectual Property and discover how it fuels innovation and creativity across industries. Join us for two days of insightful discussions and enriching interactions!



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Certificate of Participation

This is to certify that Mr./Ms. Adepu. Ushashree
has undergone two days workshop on **“The Role of Intellectual Property
in Promoting Innovations and Creativity”** during 28th & 29th January, 2022.



Dr. Manish Kumar Thimmaraaju
Coordinator



Dr. A. Shyam Sunder
Principal





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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Name of the Event: The Role of Intellectual Property in Promoting Innovations and Creativity

S.NO	NAME OF THE DELEGATE
1	ADEPU USHA SREE
2	ALTHAPU SIREESHA
3	APPAM HARINANDINI
4	BAVU ESHWARA ROHINI
5	CHALLA LOKESWARI
6	CHEKOORTHI DEEKSHITHA
7	GURUVA CHARAN DAS
8	JUVERIA TARANNUM
9	LINGAPPANOR SHUBHAM
10	LOWDYAVATH KAVITHA
11	MAMINDLA POOJITHA
12	MANUPATI GEETHA RANI
13	MEESALA VASTHALYA
14	MIRYALA RAM REDDY
15	MOGILICHARLA SHARANYA
16	P CHIRANJEEVI
17	PITTALA MANASWINI
18	RAMAVATH SRINU
19	SALVERU DEVI PRIYA BHARGAVI
20	THUMMANAPALLY NANDINI
21	UPPUNUTHULA ANUSHA
22	VELUPULA NITHIN PAUL
23	VUYYALA NIKHITHA
24	KONGANI NARESHKUMAR
25	MOHD. MOHSIN BAIG
26	KANNEBOINA SWATHI
27	ALUVALA MADHURI
28	AMINUL ISLAM BARBHUIYA
29	ANNA ARUN KUMAR
30	BANDAVARAM NEELIMA



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)



Mr M Srinivas MD

Eeva IP&IT Solutions, Hyderabad

The Role of Intellectual Property in Promoting Innovations and Creativity



S. Srinivas
PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



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Guest Lecture Report: The Role of Intellectual Property in Promoting Innovations and Creativity

Date: 28-29 January, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Speaker: Mr M.Srinivas MD Eeva IT&IP Services Pvt Ltd Hyderabad

Balaji Institute of Pharmaceutical Sciences had the privilege of hosting Mr M.Srinivas, a distinguished expert in the field of patent filings and intellectual property. The guest lecture centered on the crucial topic of "The Role of Intellectual Property in Promoting Innovations and Creativity." Mr M.Srinivas extensive experience and profound insights provided an enlightening perspective on how intellectual property mechanisms contribute to fostering innovation and creativity in the pharmaceutical industry. Mr M.Srinivas commenced the lecture by elucidating the various forms of intellectual property, including patents, copyrights, trademarks, and trade secrets. He emphasized that intellectual property protection serves as a catalyst for economic growth, encouraging researchers and creators to invest in groundbreaking ideas and inventions. A substantial part of the lecture was dedicated to explaining the significance of patents in the pharmaceutical domain. Mr M.Srinivas underscored that patents offer inventors exclusive rights to their inventions for a specific period, enabling them to commercialize and reap the rewards of their innovations.

The speaker delved into the delicate balance between promoting innovation and ensuring access to essential medicines. He discussed how patent laws are designed to prevent monopolies that could hinder patients' access to life-saving drugs, while still incentivizing researchers and pharmaceutical companies to invest in R&D. Mr M.Srinivas shared insights into the patent filing process, from the initial application to the grant of patents. He discussed the significance of thorough documentation and clear claims in securing a strong patent. The lecture also addressed challenges associated with intellectual property, such as patent infringement, evergreening (extending patent protection), and the growing concerns over patent trolls. Mr M.Srinivas stressed the need for continuous updates and reforms in IP laws to address these issues effectively.

Mr.M.Srinivas highlighted how intellectual property can play a pivotal role in fostering collaborations between academia, research institutions, and industry players. He discussed licensing agreements, technology transfers, and joint ventures as mechanisms for translating research into real-world applications. The speaker provided an overview of the global IP landscape, touching upon the differences in IP regulations across countries and regions. He emphasized the importance of understanding international treaties and agreements to navigate the complex world of intellectual property. The lecture concluded with an engaging interactive session where attendees had the opportunity to ask questions and seek clarifications on various aspects of intellectual property and its implications for the pharmaceutical sector. Mr M.Srinivas responses further enriched the understanding of the audience. Mr M.Srinivas guest lecture on "The Role of Intellectual Property in Promoting Innovations and Creativity" left a lasting impression on the audience. The session not only deepened the attendees' knowledge about intellectual property but also inspired them to think critically about how IP protection can be leveraged to drive innovation while ensuring societal benefits. The event was a resounding success, contributing significantly to the academic and professional growth of the participants. Balaji Institute of Pharmaceutical Sciences extends its heartfelt gratitude to Mr M.Srinivas for sharing his expertise and insights.



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted **Mr. M.Srinivas MD Eeva IT&IP Services Pvt Ltd Hyderabad** on the topic **The Role of Intellectual Property in Promoting Innovations and Creativity**. Your responses will help us improve our future events.

Dates: 28-29 January, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Name: P. Chiranjeevi
Email: chiranjeevi.goud.01@gmail.com
Class: B. Pharmacy 4th Year

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4]	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5]
Clarity of presentation:	[1]	[2]	[3]	[4]	[5]
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5]

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	[5]
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	[5]
Ability to address questions:	[1]	[2]	[3]	[4]	[5]
Overall presentation style:	[1]	[2]	[3]	[4]	[5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	[5]
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	[5]
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5]
Overall event arrangement:	[1]	[2]	[3]	[4]	[5]

Sanjeev

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M),
Warangal (Dt) - 506 331 (T.S)



General Questions:

What aspects of the lecture did you find most valuable?

Promoting innovations and creativity

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes.

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



Gayle

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

నర్సంపేట 29 జనవరి 2022 : నర్సంపేట నుండే లక్షిపల్లి శివారులూరి
బిల్డ్ కార్యక్రమాలలో రెండు రోజుల పాటు నర్సంపేటలోని వరకాఫోస్
"ది రోల్ ఆఫ్ ఇంటెలెక్చువల్ ప్రాపర్టీ ఇన్ ప్రమోటింగ్ ఇనోవేషన్ &
క్రియేటివిటీ" అనే అంశంపై బిల్డ్ డైరెక్టర్ డా॥ రాజేంద్రప్రసాద్ రెడ్డి
గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి
ముఖ్య అతిథులుగా Mr. M. శ్రీనివాస్ MD. ఈవ్ IT & IP సర్వీసు
ప్రైవేట్ లిమిటెడ్ హైదరాబాద్ వారు పాల్గొన్నారు. ఈ కార్యక్రమం
కో-ఫర్మాసిటర్ డా॥ మనీష్ కుమార్ ఆమూర్తీ గారు మరియు
కార్యక్రమ క్రొనికల్ డా॥ ఎం. శ్యామ్ సుందర్ గారు అలాగే కార్యక్రమ
నిర్వహణ చేయగలిగారు.



(Handwritten signature)

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

Translation.

PRESS NOTE

Date: 29-01-2022

A two days work shop on "The Role of Intellectual Property in Promoting Innovations and Creativity" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Mr M.,Srinivas MD EEVA IT&IP Services Pvt Ltd Hyderabad. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date: 20-02-2022

Circular

Subject: Two-Day Workshop ON the Topic" **Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing**".

We are excited to announce a Two-Day Workshop on the "**Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing**" to be held on 25-26 February, 2022. This event promises an enriching and insightful experience for all participants to create awareness on Nanotechnology to 3D Printing.

We have invited distinguished expert and renowned speaker **Dr B.Sudhakar Department of Pharmaceutics, Andhra University**.

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.




Principal

PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing

25-26 February, 2022

Chief Patrons

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Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Dr B.Sudhakar HOD Pharmaceutics Andhra University

Patrons

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Principal, BIPS

Dr G.Dalapathi , HOD Pharmaceutics

Convener



Shyam Sunder
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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

A Two Day workshop on Innovations in Drug Delivery Systems Workshop: From Nanotechnology to 3D Printing

Date: 25-26 February, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

About the Workshop:

Join us for a comprehensive two-day workshop on "Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing" organized by Balaji Institute of Pharmaceutical Sciences. This workshop aims to provide participants with insights into the cutting-edge advancements in drug delivery technologies, with a focus on the transformative fields of nanotechnology and 3D printing.

Workshop Highlights:

- Gain a deep understanding of the latest trends in drug delivery systems.
- Explore the potential of nanotechnology in enhancing drug delivery efficiency.
- Learn how 3D printing is revolutionizing pharmaceutical manufacturing and personalized medicine.
- Interact with industry experts, researchers, and fellow participants.
- Hands-on sessions and practical demonstrations.

Certificate of participation endorsed by Balaji Institute of Pharmaceutical Sciences.

Resource Person:

We are honored to have Dr. Sudhakar, Head of the Department of Pharmaceutics at Andhra University, as the distinguished resource person for this workshop. With his extensive expertise in pharmaceutical sciences and drug delivery systems, Dr. Sudhakar will provide invaluable insights and guide participants through the latest innovations in the field.

Who Should Attend:

- Students pursuing pharmacy and pharmaceutical sciences.
- Researchers and academicians in the field of pharmaceuticals.
- Professionals from the pharmaceutical and biotechnology industries.
- Anyone interested in staying updated with advancements in drug delivery technologies.

Don't miss this opportunity to delve into the exciting realm of drug delivery advancements. Expand your knowledge, network with experts, and gain insights that can shape the future of pharmaceuticals.



Sudhakar

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES



BIPS
NARSAMPET

Laknepally (V), Narsampet (M), Dist. Warangal, Telangana - 506331, India

Certificate of Participation

This is to certify that Mr./Ms. Appam. Harinanthini has participated in workshop on “Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing” during 25th & 26st February, 2022.

Dr. Manish Kumar Thimmaraaju
Coordinator

Dr. A. Shyam Sunder
Principal

Name of the Event: Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing

S.NO	NAME OF THE DELEGATE
1	ADEPU USHA SREE
2	ALTHAPU SIREESHA
3	APPAM HARINANDINI
4	BAVU ESHWARA ROHINI
5	CHALLA LOKESWARI
6	CHEKOORTHY DEEKSHITHA
7	GURUVA CHARAN DAS
8	JUVERIA TARANNUM
9	LINGAPPANOR SHUBHAM
10	LOWDYAVATH KAVITHA
11	MAMINDLA POOJITHA
12	MANUPATI GEETHA RANI
13	MEESALA VASTHALYA
14	MIRYALA RAM REDDY
15	MOGILICHARLA SHARANYA
16	P CHIRANJEEVI
17	PITTALA MANASWINI
18	RAMAVATH SRINU
19	SALVERU DEVI PRIYA BHARGAVI
20	THUMMANAPALLY NANDINI
21	UPPUNUTHULA ANUSHA
22	VELUPULA NITHIN PAUL
23	VUYYALA NIKHITHA
24	KONGANI NARESHKUMAR
25	MOHD. MOHSIN BAIG
26	KANNEBOINA SWATHI
27	ALUVALA MADHURI
28	AMINUL ISLAM BARBHUIYA
29	ANNA ARUN KUMAR
30	BANDAVARAM NEELIMA



Ranjit

PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Guest Lecture Report: Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing

Topic: Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing

Guest Speaker: Dr.B.Sudhakar , HOD Pharmaceutics Andhra University

Date: 25-26February, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

The guest lecture on "Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing" by Dr.B.Sudhakar, Head of the Department of Pharmaceutics, provided an insightful exploration into the advancements and breakthroughs in drug delivery systems. The lecture was organized by the Balaji Institute of Pharmaceutical Sciences and was attended by students, faculty members, and researchers.

Dr.B.Sudhakar began by introducing the significance of drug delivery systems in modern medicine. He highlighted the challenges faced by conventional drug delivery methods and how innovations in this field have led to improved therapeutic outcomes and patient compliance. The speaker discussed the applications of nanotechnology in drug delivery. He explained how nanoparticles, due to their small size and large surface area, can improve drug solubility, bioavailability, and targeting. Examples of nanoparticles such as liposomes, polymeric nanoparticles, and dendrimers were presented. Dr.B.Sudhakar emphasized the importance of targeted drug delivery to specific cells or tissues. He elaborated on ligand-receptor interactions and how they can be exploited to achieve site-specific drug delivery, minimizing side effects and enhancing therapeutic efficacy. The lecture covered various controlled and sustained release systems, including microencapsulation, hydrogels, and transdermal patches. Dr.B.Sudhakar explained how these systems provide a steady release of drugs over an extended period, reducing the frequency of administration.

The speaker discussed implantable drug delivery systems that offer long-term drug release. Examples included subcutaneous implants and drug-eluting stents. He emphasized their role in post-operative pain management and treating chronic conditions. Dr.B.Sudhakar introduced the audience to the concept of 3D printing in pharmaceuticals. He explained how 3D printing technology enables the fabrication of personalized medicines, complex drug structures, and medical devices. This technology has the potential to revolutionize drug manufacturing and dosage customization. The lecture concluded with a discussion on the challenges faced in implementing these innovations, including regulatory hurdles and scalability. Dr.B.Sudhakar encouraged students to explore these areas as potential research opportunities and emphasized that these advancements are shaping the future of pharmaceutical sciences.

Following the lecture, there was an interactive session where students and faculty members had the opportunity to ask questions and seek further clarification on the presented topics. The discussions ranged from technical queries about nanotechnology to the ethical considerations of personalized medicine using 3D printing.

Dr.B.Sudhakar's guest lecture on Innovations in Drug Delivery Systems provided a comprehensive overview of the advancements in pharmaceutical technology. The presentation shed light on how nanotechnology, targeted delivery, controlled release, and 3D printing are driving the evolution of drug delivery, with the potential to greatly enhance patient care and treatment outcomes. The lecture inspired students to explore these cutting-edge areas in their academic and research pursuits.



Sampath
PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted **Dr B.Sudhakar Department of Pharmaceutics, Andhra University** on the topic **Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing**. Your responses will help us improve our future events.

Dates: 25-26 February, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *A. shireesha .*
Email: *Attupushireesha@gmail.com*
Class: *3rd year. B.Pharmacy.*

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Depth of knowledge demonstrated:	[1]	[2]	<input checked="" type="checkbox"/> [3]	[4]	[5]
Clarity of presentation:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Use of examples and case studies:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Engagement and interaction with the audience:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Ability to address questions:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]
Overall presentation style:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Overall event arrangement:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[5]

Shireesha



PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M),
Warangal (Dt) - 506 331 (T.S)

General Questions:

What aspects of the lecture did you find most valuable?

Innovation in drug delivery systems, from nanotechnology to 3D printing

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No suggestions.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



[Signature]
PRINCIPAL
Balaaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)



Dr.B.Sudhakar

HOD Pharmaceutics Andhra University

Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

నర్సంపేట 26 ఫిబ్రవరి 2022 : నర్సంపేట మండలం లక్ష్మీపల్లి శివారులోని బిట్స్ కళాశాలలో రెండు రోజుల పాటు నిర్వహించిన వర్క్ షాప్ " ఇన్ నోవేషన్స్ ఇన్ డ్రగ్ డెలివరీ సిస్టమ్ " నానాప్రకారాలలో టు 3D ప్రింటింగ్ అనే అంశంపై బిట్స్ చైర్మన్ డా॥ రాజేంద్రప్రసాద్ రెడ్డి గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసినది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా డా॥ బి. సుధాకర్ డివైజ్ మెంట్ ఆఫ్ ఫార్మా సైంటిస్, ఆంధ్రా విశ్వవిద్యాలయ వారు ప్రాధికారం వహించారు. ఈ కార్యక్రమంలో డా॥ ఆర్.మనీష్ కుమార్ గారు అలాగే కళాశాల ఉన్నవారే డా॥ ఎ. శ్యామ్ సుందర్ గారు మరల కళాశాల విద్యార్థులు పాల్గొన్నారు.



Rajendra

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

Translation.

PRESS NOTE

Date: 26-02-2022

A two days work shop on "Innovations in Drug Delivery Systems: From Nanotechnology to 3D Printing" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr B.Sudhakar Department of Pharmaceutics, Andhra University. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme.



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date: 05-03-2022

Circular

Subject: Two-Day Workshop ON the Topic" **Molecular Modeling and Computer-Aided Drug Design**"

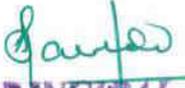
We are excited to announce a Two-Day Workshop on the "**Molecular Modeling and Computer-Aided Drug Design**" to be held on 11-12 March, 2022. This event promises an enriching and insightful experience for all participants to create awareness on Molecular Modeling concepts.

We have invited distinguished expert and renowned speaker **Dr J Ravi HOD Pharmaceutical Quality Assurance**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.




Principal
Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

Molecular Modeling and Computer-Aided Drug Design

11-12 March, 2022

Chief Patrons

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Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Dr J.Ravi HOD Pharmaceutical Quality Assurance

Patrons

Dr A.Shyam sunder
Principal, BIPS

Dr T.Manish Kumar, HOD Pharmaceutical Analysis

Convener



PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

A Two Day Workshop on Molecular Modeling and Computer-Aided Drug Design

Date: 11-12 March, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

About the Workshop:

The Balaji Institute of Pharmaceutical Sciences proudly presents a two-day workshop on "Innovations in Molecular Modeling and Computer-Aided Drug Design." This workshop aims to provide a comprehensive understanding of cutting-edge advancements in the field of molecular modeling and its application in computer-aided drug design. Participants will have the opportunity to learn from and engage with an expert in the field, Dr. J Ravi, Head of Pharmaceutical Quality Assurance.

Workshop Highlights:

- ✚ Gain insights into the latest trends and innovations in molecular modeling.
- ✚ Understand the principles and techniques of computer-aided drug design.
- ✚ Explore real-world applications of computational methods in drug discovery.
- ✚ Hands-on sessions using state-of-the-art software tools in molecular modeling.
- ✚ Q&A sessions and interactive discussions with Dr. J Ravi.
- ✚ Networking opportunities with fellow participants and professionals.

Resource Person:

Dr. J Ravi

Head of Pharmaceutical Quality Assurance

Renowned expert in the field of molecular modeling and drug design.

Adept at simplifying complex concepts for effective learning.

Who Should Attend:

Students pursuing Pharmacy course & Researchers in drug discovery and development.

Don't miss this opportunity to delve into the world of molecular modeling and computer-aided drug design with the guidance of a distinguished expert. Join us for this enriching two-day workshop to expand your knowledge and skills in this rapidly evolving field.



PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)

Balaji Institute of Pharmaceutical Sciences

Laknepally (V), Narsampet (M), Dist. Warangal, Telangana, India - 506331



BIPS
NARSAMPET

Certificate of Participation

This is to certify that Mr./Ms. K. Abhinaya has
actively participated in two days workshop on “Molecular Modeling
and Computer-Aided Drug Design” during 11th & 12st March, 2022.

Dr. Manish Kumar Thimmaraju
Coordinator



Dr. A. Shyam Sunder
Principal



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE & PCI, Under Section 12, New Delhi and Affiliated to kakathiya University, Wg)

Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Name of the Event: Molecular Modeling and Computer-Aided Drug Design

S.NO	NAME OF THE DELEGATE
1	MS. PALLAVI
2	MARIKUKALA RAKESH
3	K.NISSY
4	MD.SAHIL SHAREEF
5	MS RANGARAJU SUPRIYA
6	NIMMALA CHANDRIKA
7	K.ABHINAYA
8	JAISMITHA KOTA
9	J VARMA
10	ASHWIKI ERRAVELLY
11	AKA. NITHYA VARMA
12	MS.SAIDEEPIKA
13	GUGULOTH SHYLAJA
14	MAZHAR UNISSA
15	GULAM NABI AZAD
16	POLU. ALEKHYA
17	ESTHER RANI KOTHA
18	A.GAYATHRI
19	MADHU BADE
20	MS SAHITHI REDDY
21	MR.JOSHITH
22	MS D SONI
23	MRS RAVALIREDDY
24	ELLABOINA SHIRISHA
25	RUBUL HASSAN
26	OMPRAKASH
27	THODETI SHIVANJALI
28	MR SAMIDUL ISLAM
29	SANIDUL ISLAM
30	GUGULOTHU AKHILA
31	ASHWINI GAMINENI
32	ABDUL KUDDUS
33	MS.K.RAMADEVI
34	SHIRAJUL HOQUE
35	INDU RAMPEESA
36	NOUSHEEN JAHAN
37	MS SUMAYYA JABEEN
38	PRATHYUSHA
39	BHAVANA GOUD
40	MS NAVATHA
41	HARTHITHA MUDDAM
42	RAVURI TRIVENI
43	NITHIN KUMAR PULLURI
44	KYATHAM SANDEEP
45	PRAGNA
46	KALYAN
47	MS VAISHAVI
48	IKRAMUL HUSSAIN
49	ANOWAR
50	TAMJIDUR RAHMAN
51	VADAKAPURAM SOUMYA
52	HAMIDUL HIQUE
53	ERIGESHI SATHWIK RAO

PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)



54	P . SHRAVIKA
55	MD .JUNAID
56	ESLAVATH. NANDINI
57	GOPU PRANEETHA
58	AYUB HOSSAIN MOLLAH
59	GOSKULA ANUSHA
60	MR. CHETAN SHIVAJI SALGUDE
61	UGA. RAMYA
62	AKHILA KOKKULA
63	BHARATHKUMAR DASARI
64	SHAIKH SABIYA
65	KOLHE Sampada Santosh
66	MS. PRADNYA DNYANESHWAR SABLE
67	VEENA VAMSHEE R
68	MR.NIHAR MANDAL
69	DR HIMAVARSHA
70	VIJAYA
71	MIRZA SOHEL BAIG
72	CH.NIVEDITHA
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77	BITLA POORNACHANDER
78	JAMIR ALI
79	JOSAN ALI
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81	DONGRI BHASKAR
82	SANIDUL ISLAM
83	SABNOOR ALI AHMED
84	MR.RAJA VASUDEV
85	M. ARUN KUMAR
86	MEKA KAVYA SRI
87	ABDUS SATTAR AHMED
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89	MR.KAMAL
90	MS.SATWIKA BONTHU
91	MR NISHANTH D R
92	MS AKANKSHA PATEL
93	DEVESH KUMAR
94	MR.PRATHAMESH ANIL PINGLE
95	MS THAKUR ARCHANA
96	GANGISETTY VEERABABU
97	K.DHARAN KUMAR
98	MRS SAPAVATH SALI
99	MR.MACHARLA SRI HARI DATTA
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111	MR FULCHAN ALI KHAN
112	MS PALAI MANASA
113	MS.ANAMIKA RATHORE
114	MR. NIKHIL S. PAMNANI
115	MS. PRATIKSHA KAILAS PATIL



Principals

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 508 331 (T.S)

116	KHAIRUNNISA BEGUM
117	SANIYA YASMEEN
118	MR NURJAMAL HOQUE
119	MS YOGITHA
120	MR WASHIM AKRAM
121	MR SAHOO
122	PRITAM KUMAR BASAK
123	MS AKHILA
124	MS MANASA
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126	MR MIRAJ
127	ANURUP BHATTACHARJEE
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137	MR. SOUMIK MAZUMDAR
138	MS VISHVA
139	MR. SATYAN KAPOOR
140	MS.D.GOWTHAMI
141	MR.EBNE MASUD ALAM
142	MS SANDHYA
143	BARLA HARSHITHA
144	MS.M.SURASHMI
145	SUMANT
146	PULAGADAPA PRANEETH KUMAR
147	MSSNEHA
148	MS PRATIKSHA SHARMA
149	MISS DIKSHA DIWAKAR
150	MR.SAI TEJA




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 Balaji Institute of Pharmaceutical Sciences
 Laknepally (V), Narsampet (M)
 Warangal (Dt) - 506 331 (T.S)



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Guest Lecture Report on Molecular Modeling and Computer-Aided Drug Design

Date: 11-12 March,2022

Venue: Balaji Institute of Pharmaceutical Sciences

Speaker: Dr. J. Ravi, HOD Pharmaceutical Quality Assurance

Balaji Institute of Pharmaceutical Sciences had the privilege of hosting a guest lecture on "Molecular Modeling and Computer-Aided Drug Design." The esteemed speaker for the event was Dr. J. Ravi, the Head of the Department of Pharmaceutical Quality Assurance. The lecture aimed to provide students with insights into the applications of molecular modeling and computer-aided drug design in the field of pharmaceutical sciences.

Dr. J. Ravi began his talk by sharing his academic and professional journey, emphasizing his research interests and experiences related to molecular modeling, drug design, and quality assurance in the pharmaceutical industry. This helped establish his credibility and expertise in the subject matter. Dr. Ravi provided a comprehensive overview of molecular modeling, explaining its significance in understanding the three-dimensional structures of molecules. He discussed various computational techniques used for molecular visualization and the representation of molecules. He also highlighted the role of molecular modeling in predicting molecular properties, interactions, and behaviors. A major focus of the lecture was on computer-aided drug design, where Dr. Ravi explained how computational methods have revolutionized the drug discovery process. He discussed how CADD techniques are used to identify potential drug candidates, optimize molecular structures, and predict their binding interactions with target biomolecules.

The speaker delved into real-world applications of molecular modeling and CADD in the drug discovery pipeline. He presented case studies illustrating how these techniques have led to the development of successful drug candidates, reduced time and cost in drug discovery, and improved the overall efficiency of pharmaceutical research. Dr. Ravi also addressed the challenges and limitations associated with molecular modeling and CADD, including the accuracy of predictions and the need for experimental validation. He emphasized the ongoing research efforts to enhance the reliability of computational techniques and the potential for AI and machine learning to play a larger role in these areas.

The lecture concluded with an interactive session, during which students had the opportunity to ask questions and engage in discussions with Dr. Ravi. The questions ranged from technical aspects of molecular modeling to career prospects in pharmaceutical research. Mr. Nagaraju, Department of Pharmacology expressed gratitude to Dr. J. Ravi for his enlightening lecture and the students for their active participation. He reiterated the importance of staying updated with advancements in technology and research methodologies in the pharmaceutical industry.

The guest lecture on Molecular Modeling and Computer-Aided Drug Design by Dr. J. Ravi was a resounding success. It provided students with valuable insights into cutting-edge techniques that are transforming the pharmaceutical research landscape. The event not only enriched the knowledge of attendees but also inspired them to explore the exciting possibilities that lie ahead in the field of pharmaceutical sciences.



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Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted Dr J Ravi HOD Pharmaceutical Quality Assurance on the topic **Molecular Modeling and Computer-Aided Drug Design**. Your responses will help us improve our future events.

Dates: 11-12 March, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *Nurjamaal Haque*
Email: *Nurjamaal Haque 22@gmail.com*
Class: *1st Year, Pharm.D*

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4] ✓	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5] ✓
Clarity of presentation:	[1]	[2]	[3]	[4] ✓	[5]
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5] ✓

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4] ✓	[5]
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	[5] ✓
Ability to address questions:	[1]	[2]	[3]	[4] ✓	[5]
Overall presentation style:	[1]	[2]	[3]	[4] ✓	[5]

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	[5] ✓
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	[5] ✓
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5] ✓
Overall event arrangement:	[1]	[2]	[3]	[4] ✓	[5]



[Signature]
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General Questions:

What aspects of the lecture did you find most valuable?

Molecular modelling and drug design.

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

yes.

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No.

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



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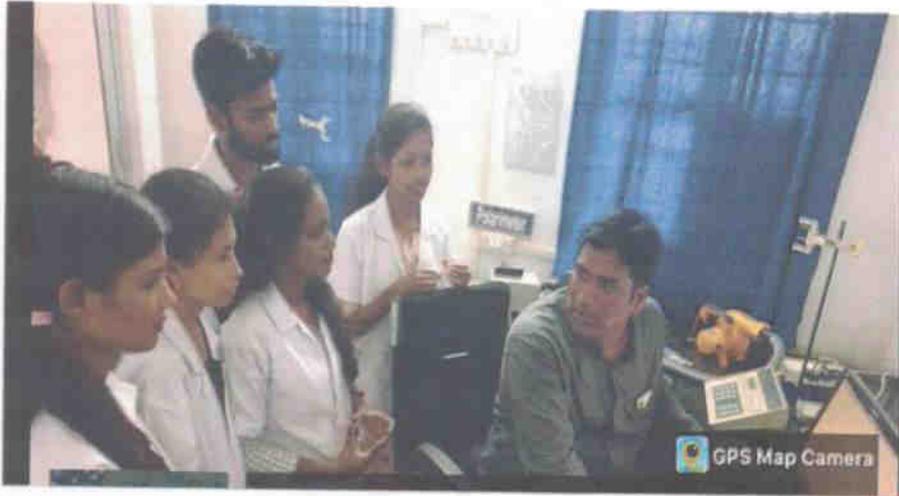


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Dr. J. Ravi

HOD Pharmaceutical Quality Assurance

Workshop on Molecular Modeling and Computer-Aided Drug Design



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నర్సంపేట 12 మార్చి 2022 : నర్సంపేట మండలం లక్షిపల్లె శివారులోని బిట్స్ కళాశాలలో రెండు రోజుల పాటు నర్సంపేట వరకాప్ వాణిజ్య పాఠశాలకు అండ్ కంప్యూటర్ ఎయిడిడ్ డ్రగ్ డిజైన్ అనే అంశంపై బిట్స్ చైర్మన్ డా॥ రాజేంద్ర ప్రసాద్ గారి ఆధ్వర్యంలో ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా డాక్టర్ జి. రవి HOD ఫార్మాసూటికల్ స్కూలు ఆస్సాసెస్ వారు ప్రధాన అతిథులు. ఈ కార్యక్రమంలో డా॥ టి.మనీష్ కుమార్ గారు అలాగే కళాశాల ప్రెసిడెంట్ డా॥ ఎ. శ్యామసుందర్ గారు ముఖ్య ప్రాధాన్య విధ్యార్థులు పాల్గొన్నారు.

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Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



Translator

PRESS NOTE

Date: 12-03-2022

A two days work shop on "Molecular Modeling and Computer-Aided Drug Design" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr J Ravi HOD Pharmaceutical Quality Assurance. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme.



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Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)

Date: 15-04-2022

Circular

Subject: Two Day Workshop ON the Topic" **Fluorescence Spectroscopy: Techniques and Applications**"

We are excited to announce a Workshop on the "Fluorescence Spectroscopy: Techniques and Applications" to be held on 21-22 April, 2022. This event promises an enriching and insightful experience for all the Participants regarding importance of Fluorescence Spectroscopy in Pharmacy.

We have invited distinguished expert and renowned speaker **Dr A Raja Reddy Department of Chemistry Vignan College of Pharmacy Hyderabad**

I kindly request all faculty members to extend their support in encouraging students to participate and make the most of this opportunity. Certificates of participation will be provided to all attendees.

We look forward to your enthusiastic participation.



Principal

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



INVITATION



Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Warangal, Telangana – 506331

Cordially invites you to attend a Two day workshop on

Fluorescence Spectroscopy: Techniques and Applications

21-22 April, 2022

Chief Patrons

Dr. A. RAJENDRA PRASAD REDDY
Chairman, Balaji Group of Institutions

Dr. A. VANAJA REDDY
Treasurer, Balaji Group of Institutions

Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Resource Person

Dr A Raja Reddy Department of Chemistry Vignan College
of Pharmacy, Hyd

Patrons

Dr A. Shyam sunder
Principal, BIPS

Dr T. Manish Kumar, HOD Pharmaceutical Analysis

Convener



PRINCIPAL

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Warangal (Dt) - 506 331 (T.S)



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

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A Two Day Workshop on Fluorescence Spectroscopy: Techniques and Applications

Date: 21-22 April, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

About the Workshop:

Balaji Institute of Pharmaceutical Sciences is proud to present a comprehensive two-day workshop on Fluorescence Spectroscopy: Techniques and Applications. This workshop aims to provide participants with a deep understanding of fluorescence spectroscopy, its techniques, and its diverse applications in pharmaceutical sciences.

Workshop Highlights:

- ✚ In-depth Sessions: Engage with expert insights through sessions conducted by renowned resource person, Dr. A Raja Reddy.
- ✚ Hands-on Experience: Gain practical knowledge through hands-on sessions and demonstrations of fluorescence spectroscopy techniques.
- ✚ Application in Pharmaceuticals: Explore the wide-ranging applications of fluorescence spectroscopy in drug discovery, molecular analysis, and more.
- ✚ Interactive Q&A: Interact with Dr. A Raja Reddy and clarify your doubts during interactive Q&A sessions.

Resource Person:

Dr. A Raja Reddy

Dr. A Raja Reddy, an esteemed authority in the field, will be leading the workshop. With 17 years of experience and numerous research contributions, Dr. Reddy's insights promise to be enlightening and enriching.

Key Topics:

- ✚ Fundamentals of Fluorescence Spectroscopy
- ✚ Fluorescence Techniques and Instrumentation
- ✚ Pharmaceutical Applications of Fluorescence Spectroscopy
- ✚ Case Studies and Real-world Examples
- ✚ Data Analysis and Interpretation

Join us for this enlightening workshop and harness the power of fluorescence spectroscopy in Pharmaceutical sciences!



A. Raja Reddy
PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)



BIPS
NARSAMPET

Balaji Institute of Pharmaceutical Sciences

Laknepally (V), Narsampet (M), Dist. Warangal, Telangana, India - 506331

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. _____ *Gurruva charan das.*

has participated in two days workshop on

"Fluorescence Spectroscopy: Techniques and Applications"

conducted on 21st & 22nd April, 2022.

Dr. Manish Kumar Thimmaraju
Coordinator



Dr. A. Shyam Sunder
Principal

Name of the Event: Fluorescence Spectroscopy: Techniques and Applications

S.NO	NAME OF THE DELEGATE
1	ADEPU USHA SREE
2	ALTHAPU SIREESHA
3	APPAM HARINANDINI
4	BAVU ESHWARA ROHINI
5	CHALLA LOKESWARI
6	CHEKOORTHI DEEKSHITHA
7	GURUVA CHARAN DAS
8	JUVERIA TARANNUM
9	LINGAPPANOR SHUBHAM
10	LOWDYAVATH KAVITHA
11	MAMINDLA POOJITHA
12	MANUPATI GEETHA RANI
13	MEESALA VASTHALYA
14	MIRYALA RAM REDDY
15	MOGILICHARLA SHARANYA
16	P CHIRANJEEVI
17	PITTALA MANASWINI
18	RAMAVATH SRINU
19	SALVERU DEVI PRIYA BHARGAVI
20	THUMMANAPALLY NANDINI
21	UPPUNUTHULA ANUSHA
22	VELUPULA NITHIN PAUL
23	VUYYALA NIKHITHA
24	KONGANI NARESHKUMAR
25	MOHD. MOHSIN BAIG
26	ADEPU USHA SREE
27	ALTHAPU SIREESHA
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93	DEVESH KUMAR
94	MR.PRATHAMESH ANIL PINGLE
95	MS THAKUR ARCHANA



Principals

PRINCIPAL

Balaji Institute of Pharmaceutical Sciences
Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

96	GANGISETTY VEERABABU
97	K.DHARAN KUMAR
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142	PANTHANGI NAVEEN
143	POCHAMPALLI RAJKUMAR
144	ATHOTA PRATHIBHA BHARATHI
145	PYKARAO MAHALAXMI
146	VALLEPU NAGARAJU



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Laknepally (V), Narsampet (M)
Warangal (Dt) - 506 331 (T.S)

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149	YELUGAM NEERAJA
150	PANTHANGI NAVEEN



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Laknepally (V) Narsampet (M) Warangal Rural (Dist) Telangana State 506331

Contact : +91 9866050044 (Office), +91 9866652412 (Principal), +91 8718-230521 (Fax)



Dr A Raja Reddy

Department of Chemistry, Vignan University

Fluorescence Spectroscopy: Techniques and Applications



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Guest Lecture Report: Fluorescence Spectroscopy - Techniques and Applications

Date: 21-22 April, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Speaker: Dr A Raja Reddy Professor in chemistry, Vignan College of pharmacy Hyderabad

A guest lecture on "Fluorescence Spectroscopy: Techniques and Applications" was organized by Balaji Institute of Pharmaceutical Sciences. The lecture aimed to provide students and faculty members with insights into the principles, techniques, and diverse applications of fluorescence spectroscopy in the field of pharmaceutical sciences.

The guest speaker for the lecture was Dr A Raja Reddy Professor in chemistry, Vignan College of pharmacy Hyderabad a distinguished expert in the field of spectroscopy and a renowned researcher in the area of fluorescence applications. Dr A Raja Reddy has contributed significantly to both academic research and industrial applications of fluorescence spectroscopy.

Dr A Raja Reddy began the lecture by introducing the basic principles of fluorescence spectroscopy. The concepts of excitation and emission wavelengths, fluorescence quantum yield, and Stokes shift were elucidated. The molecular processes underlying fluorescence, including absorption of photons, electronic transitions, and emission of fluorescent light, were explained in a comprehensive manner. The speaker highlighted the various components of a fluorescence spectrometer and explained their functions. Different techniques such as steady-state fluorescence, time-resolved fluorescence, and fluorescence anisotropy were discussed in detail. Dr A Raja Reddy also emphasized the importance of selecting appropriate excitation and emission wavelengths to obtain accurate and meaningful results. The lecture delved into the concept of fluorescence quenching and its applications in studying molecular interactions, such as ligand-receptor binding and protein-protein interactions. The use of fluorescence probes and sensors for monitoring changes in physiological parameters within cells and tissues was also covered. The core focus of the lecture was on the applications of fluorescence spectroscopy in the pharmaceutical domain. Dr A Raja Reddy discussed how fluorescence spectroscopy can be used to analyze drug interactions, protein folding, enzyme kinetics, and drug release from formulations. Case studies illustrating real-world applications were presented to emphasize the practical relevance of the technique. The speaker expanded on the role of fluorescence spectroscopy in biomedical research and clinical diagnostics. Topics included fluorescence imaging for cancer detection, monitoring cellular processes, and the development of targeted therapies. The potential of fluorescence spectroscopy in personalized medicine was also touched upon.

Dr A Raja Reddy concluded the lecture by addressing the challenges faced in fluorescence spectroscopy, such as photo bleaching and auto fluorescence. The speaker also provided insights into emerging trends in the field, such as advanced fluorescence techniques, multidimensional spectroscopy, and integration with other imaging modalities. The lecture concluded with an engaging question-and-answer session, where students and faculty members had the opportunity to clarify doubts and seek further information from Dr A Raja Reddy. The speaker's responses provided additional depth and practical context to the concepts discussed during the lecture.

The guest lecture on "Fluorescence Spectroscopy: Techniques and Applications" at Balaji Institute of Pharmaceutical Sciences proved to be an enlightening and enriching experience for all participants. Dr A Raja Reddy expertise, combined with the relevance of the topic to pharmaceutical sciences, made the lecture a valuable learning opportunity. Attendees left with a deeper understanding of fluorescence spectroscopy and its multifaceted applications in research and industry.



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Feedback Form

Dear participants your feedback is important to us. Please take a few moments to provide your thoughts on the workshop conducted speaker **Dr A Raja Reddy Department of Chemistry Vignan College of Pharmacy Hyderabad** on the topic **Fluorescence Spectroscopy: Techniques and Applications**. Your responses will help us improve our future events.

Dates: 21-22 April, 2022

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *A. Ushashree*
Email: *Atepu Ushashree 23@gmail.com*
Class: *2nd year - B. Pharmacy.*

Please rate the following aspects of the workshop on a scale of 1 to 5, with 1 being "Poor" and 5 being "Excellent":

Content:

Relevance of the topic to the field:	[1]	[2]	[3]	[4]	[5] ✓
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	[5] ✓
Clarity of presentation:	[1]	[2]	[3]	[4]	[5] ✓
Use of examples and case studies:	[1]	[2]	[3]	[4]	[5] ✓

Delivery:

Communication skills of the speaker:	[1]	[2]	[3]	[4]	[5] ✓
Engagement and interaction with the audience:	[1]	[2]	[3]	[4]	[5] ✓
Ability to address questions:	[1]	[2]	[3]	[4]	[5] ✓
Overall presentation style:	[1]	[2]	[3]	[4]	[5] ✓

Organization:

Adequacy of event duration:	[1]	[2]	[3]	[4]	[5] ✓
Usefulness of provided materials/handouts:	[1]	[2]	[3]	[4]	[5] ✓
Scheduling and timing of the event:	[1]	[2]	[3]	[4]	[5] ✓
Overall event arrangement:	[1]	[2]	[3]	[4]	[5] ✓

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General Questions:

What aspects of the lecture did you find most valuable?

National Science Day Fluorescence spectroscopy: Techniques & Applications.

Did the speaker effectively relate the content to real-world applications in clinical research and data management?

Yes

Do you have any suggestions for improving future guest lecturers or events on similar topics?

No

Thank you for your participation and feedback! Your input will help us enhance the quality of our future events.



[Handwritten Signature]

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నర్సంపేట 22 ఏప్రిల్ 2022 : నర్సంపేట మండలం లక్ష్మీపల్లి గివారలూరి జిల్లా ప్రభుత్వ కళాశాల లో రెండు రోజుల పాటు నిర్వహించిన వర్క్ షాప్ " ఫ్లోరోసెన్స్ స్పెక్ట్రోస్కోపీ : టెక్నిక్స్ అండ్ అప్లికేషన్స్ " అనే అంశంపై కళాశాల చైర్మన్ డా॥ రాజేంద్ర ప్రసాద్ రెడ్డి గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో ముఖ్య అతిథులు డాక్టర్ ఎ. రాజారెడ్డి డిసాంట్ మోంట్ ఆఫ్ కెమిస్ట్రీ విజ్ఞాన్ కాలేజీ ఆఫ్ ఫార్మాసీ ప్రొఫెసర్ డా॥ వై. శ్యామ్ సుందర్ గారు అలాగే ఫోర్మాసీ డి-ఆర్జినేటర్ డా॥ జి. మనీష్ కుమార్ గారు మరియు కళాశాల ప్రెసిడెంట్ డా॥ ఎ. శ్యామ్ సుందర్ గారు అలాగే ఫోర్మాసీ విద్యార్థులు పాల్గొన్నారు.



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Translation.

PRESS NOTE

Date: 22-04-2022

A two days work shop on "Fluorescence Spectroscopy: Techniques and Applications" was held at Balaji institute of Pharmaceutical Sciences, Laknepally Village, Narsampet mandal under the chairmanship of Dr.Rajendra Prasad reddy.Chief guest and renowned speaker of the programme was Dr A Raja Reddy Department of Chemistry, Vignan College of Pharmacy, Hyderabad. Coordinator of the program Dr.T.Manish Kumar, college principal Dr.A.Shyam sunder, faculty and students participated in the programme.