



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)

Date: 20-01-2021

Circular

Subject: Two-Day Workshop on the Topic "TROUBLESHOOTING HPLC SYSTEMS: IDENTIFYING AND RESOLVING COMMON ISSUES"

We are excited to announce a Two-Day Workshop on the "TROUBLESHOOTING HPLC SYSTEMS: IDENTIFYING AND RESOLVING COMMON ISSUES" to be held on **29-30, Jan 2021**. This event promises an enriching and insightful experience for all participants in troubleshooting HPLC systems.

We have invited distinguished expert and renowned speaker **Dr Manish Kumar Thimmaraju** HOD-Pharmaceutical Analysis, Balaji Institute of Pharmaceutical Sciences.

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

Troubleshooting HPLC Systems: Identifying and Resolving Common Issues

29-30 January, 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



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Workshop Brochure

Two Day Workshop on Troubleshooting HPLC Systems: Identifying and Resolving Common Issues

September 29-30/January, 2021

Balaji Institute of Pharmaceutical Sciences

About the Workshop:

In today's analytical laboratories, High-Performance Liquid Chromatography (HPLC) systems play a pivotal role in pharmaceutical analysis. However, even the most advanced systems encounter issues that can hinder accurate results and productivity. To address this, Balaji Institute of Pharmaceutical Sciences presents a comprehensive two-day workshop on "Troubleshooting HPLC Systems: Identifying and Resolving Common Issues."

Key Highlights:

- ✚ Understand the fundamentals of HPLC systems and their components.
- ✚ Learn to identify common problems in HPLC systems that affect results and efficiency.
- ✚ Gain insights into practical approaches for troubleshooting and resolving HPLC issues.
- ✚ Hands-on training with real-world case studies and problem-solving exercises.
- ✚ Interactive sessions to discuss participant queries and experiences.
- ✚ Networking opportunities with peers and professionals in the field.

Resource Person:

Dr. Manish Thimmaraju HOD, Pharmaceutical Analysis

Workshop Schedule:

Day 1: Fundamentals of HPLC Systems and Troubleshooting

- ✚ Introduction to HPLC systems and their importance in pharmaceutical analysis.
- ✚ Overview of common issues faced during HPLC analysis.
- ✚ Identifying problems related to sample preparation, mobile phase, and instrument components.
- ✚ Practical exercises: Hands-on troubleshooting with provided case studies.



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Day 2: Advanced Troubleshooting Techniques and Practical Exercises

- ✚ In-depth analysis of complex issues: retention time shifts, ghost peaks, baseline noise, etc.
- ✚ Method validation and optimization to prevent future problems.
- ✚ Utilizing diagnostic tools and software for issue identification.
- ✚ Group discussions and problem-solving activities.

Q&A session and open forum for participant queries.

Who Should Attend:

- ✚ Pharmacy professionals and researchers, Analytical chemists, Quality control and assurance personnel
- ✚ Laboratory managers and technicians and
- ✚ Students pursuing

Join us for this immersive workshop to enhance your troubleshooting skills and ensure the seamless operation of HPLC systems in your analytical endeavors.



A handwritten signature in green ink, likely belonging to the Principal of the institute.

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

Balaji Institute of Pharmaceutical Sciences

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



Certificate of Participation

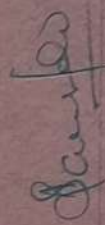
This is to certify that

D. Sahithi

has participated in two days workshop on

Troubleshooting HPLC Systems : Identifying and Resolving Common Issues
held on 29th & 30th January, 2021.


Dr. Manish Kumar Thimmaraju
Coordinator


Dr. A. Shyam Sunder
Principal



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Name of the Event: Troubleshooting HPLC Systems: Identifying and Resolving Common Issues

S.NO	NAME OF THE DELEGATE
1	L ABHILASH SINGHA
2	LINGALA RAVALI
3	MAILA RAVALI
4	MANGOLE JYOSHNA
5	MOHAMMAD MOIZ KHAN
6	MUTTINENI SNEHITHA
7	AADEPU MANASA
8	ADDURI SRUTHI
9	CHINTHAKINDI MAHESH
10	DASARI SAHITHI
11	ENDLA UDAY TEJA
12	GARAMPALLI ANUSHA
13	GUGULOTH CHIRANJEEVI
14	KANNEBOINA PRAVALLIKA
15	KOKKARAKONDA ANJALI
16	MOGULOJU SUCHARITHA
17	MOHAMMED SOHAIL PASHA
18	NAMANI KAVYASRI
19	PENAKA VIJAYBHARGAV
20	RANGISETTI SRILATHA
21	AADEPU MANASA
22	ADDURI SRUTHI
23	CHINTHAKINDI MAHESH
24	DASARI SAHITHI
25	ENDLA UDAY TEJA
26	GARAMPALLI ANUSHA
27	GUGULOTH CHIRANJEEVI
28	KANNEBOINA PRAVALLIKA
29	KOKKARAKONDA ANJALI
30	MOGULOJU SUCHARITHA
31	DEVARAKONDA VENKATARAMANA
32	SURA NAVEEN
33	ALUVALA MADHURI
34	AMINUL ISLAM BARBHUIYA
35	ANNA ARUN KUMAR
36	BANDAVARAM NEELIMA
37	BURA RAVALI
38	BYRU NIHARIKA
39	CHINTHALA SAI CHANDU
40	DARSHANAPU POOJITHA
41	DEVARAKONDA NAVYA SHIRISHA



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42	DODLA MAHESH
43	FIRUJ AHMED BARBHUIYA
44	GADDAM KIRAN KUMAR
45	GANTA SONY
46	GATLA SAINATH
47	GUJJA SOUMYA
48	GUNDAVARAM RAVALI
49	HASANUZ ZAMAN CHOUDHURY
50	HEDAU BHAGYASHRI
51	JAKARIA ALOM MOZUMDER
52	JANGAM HONEY JASMINE
53	JASHIM UDDIN LASKAR
54	K ANJANEYULU
55	KABIR HUSSAIN LASKAR
56	KALLAPALLY BHARGAVI
57	KANNEBOINA SWATHI
58	KAYITHA SUPRAJA
59	KONDAM AISHWARYA
60	KONDLE YASHONADH



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Workshop Report: Troubleshooting HPLC Systems

Workshop Title: Troubleshooting HPLC Systems: Identifying and Resolving Common Issues

Date: 29-30 January, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Conducted By: Dr. Manish Kumar, HOD Pharmaceutical Analysis

The workshop on "Troubleshooting HPLC Systems: Identifying and Resolving Common Issues" was organized by Balaji Institute of Pharmaceutical Sciences under the guidance of Dr. Manish Kumar, Head of the Department of Pharmaceutical Analysis. The primary objective of the workshop was to enhance participants' understanding of High-Performance Liquid Chromatography (HPLC) systems and equip them with the skills to identify and troubleshoot common problems encountered in HPLC analyses.

The workshop was divided into several sessions, each addressing different aspects of troubleshooting HPLC systems. Introduction to HPLC Systems: An overview of HPLC technology, its applications, and the importance of accurate analysis in the pharmaceutical field. A discussion on the typical problems faced while operating HPLC systems, such as baseline noise, retention time shifts, and peak shape irregularities. Detailed explanation of the components of an HPLC system, including the pump, injector, column, detector, and data analysis software. Techniques to identify the root causes of HPLC issues, including step-by-step methods to diagnose and resolve problems systematically. The importance of regular maintenance to prevent HPLC problems, along with guidelines for proper instrument care. Participants had the opportunity to apply the troubleshooting concepts in a hands-on environment, working with actual HPLC systems and simulated issues.

Participants gained a deep understanding of troubleshooting HPLC systems, including:

- Identification of common HPLC issues.
- Utilization of systematic approaches for problem-solving.
- Effective utilization of HPLC instrumentation and software.
- Strategies for preventive maintenance and instrument care.
- Practical experience in diagnosing and resolving HPLC issues.

The workshop received overwhelmingly positive feedback from participants. They appreciated the workshop's practical approach, interactive sessions, and the opportunity to apply theoretical knowledge in real-world scenarios. Participants felt more confident in their ability to address HPLC-related challenges after attending the workshop.

The workshop on Troubleshooting HPLC Systems conducted by Dr. Manish Kumar at Balaji Institute of Pharmaceutical Sciences was a resounding success. It provided participants with valuable insights into resolving common HPLC issues and equipped them with practical skills to ensure accurate and efficient HPLC analyses. The event contributed significantly to enhancing participants' expertise in pharmaceutical analysis and instrumentation.



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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 by **Dr Manish Kumar Thimmaraju HOD Pharmaceutical Analysis** on the topic **Troubleshooting HPLC Systems: Identifying and Resolving Common Issues**. Your responses will help us improve our future events.

Dates: 29-30 January, 2021

Venue: Balaji Institute of Pharmaceutical Sciences

Name: E. Udayteja
Email: udaytejaendla08@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] ✓



Udayteja
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General Questions:

What aspects of the lecture did you find most valuable?

Troubleshooting. HPLC system :- Identifying & resolving common issues.

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.



[Signature]

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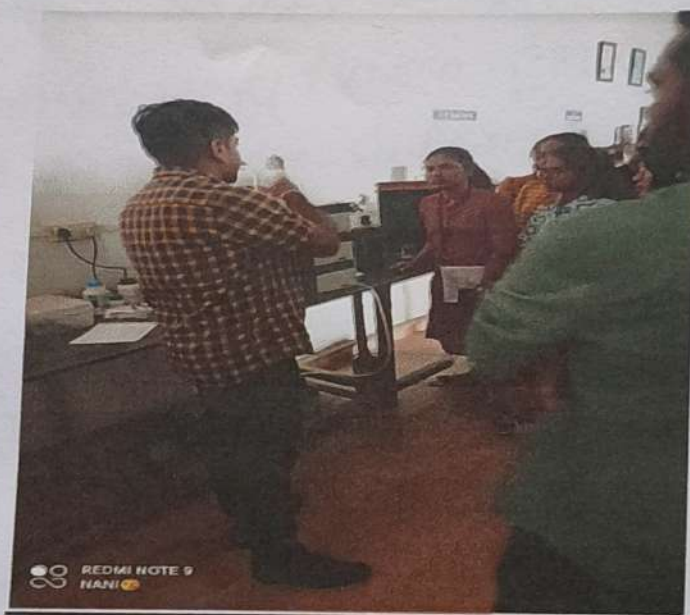


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Dr Manish Kumar Thimmaraju

HOD Pharmaceutical Analysis

Troubleshooting HPLC Systems: Identifying and Resolving Common Issues



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నర్సంపేట 30 జనవరి 2021 : నర్సంపేట మండలం లక్ష్మిపల్లి శివారులాన
బిల్డ్స్ కళాశాలగా రెండో రోజుల పాటు నిర్వహించిన వర్క్‌షాప్
"ట్రాబుల్‌షూటింగ్ HPLC సిస్టమ్స్ : టెక్నికల్ సెక్షన్ & రిజల్టెంట్ కామన్
ఇన్ఫర్మేషన్ అనే అంశపై బిల్డ్స్ కళాశాల చైర్మన్ డా॥ రాజేంద్రప్రసాద్‌రెడ్డి
గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి
ముఖ్య అతిథులుగా డా॥ మనీష్ కుమార్ తిమ్మారాజ్ HOD -
ఫారమాసూటికల్ అనలైసిస్ బాలాజీ ఇన్స్టిట్యూట్స్ డ్రగ్ ఫార్మా సూటికల్
సైన్సెస్ వారు హాజరయ్యారు. ఈ కార్యక్రమంలో డా॥ టి.మనీష్ కుమార్ అలాగే కళాశాల ప్రెసిడెంట్ డా॥ వ. శ్యామసుందర్
గారు మరియు ఫారమాసూటికల్ విద్యార్థులు పాల్గొన్నారు.



(Signature)

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Date: 20-04-2021

Circular

Subject: Workshop ON the Topic " HPLC for Biopharmaceutical Analysis: Applications and Techniques "

We are excited to announce a Workshop on the " HPLC for Biopharmaceutical Analysis: Applications and Techniques " to be held on 24-25 April, 2021. This event promises an enriching and insightful experience for all the Participants regarding validation of analytical methods using 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

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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

HPLC for Biopharmaceutical Analysis: Applications and Techniques

24-25 April, 2021

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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

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr T.Manish Kumar HOD Pharmaceutical Analysis
Convener



Dr. A. Shyam Sunder
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HPLC for Biopharmaceutical Analysis: Applications and Techniques

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	- Department of Pharmaceutical Analysis-Balaji Institute of Pharmaceutical Sciences - Students of Pharma / analytical/physical chemistry wishing to equip themselves for industry jobs
For whom	
When	24-25 April, 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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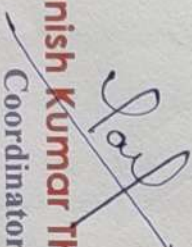
BIPS
NARSAMPET

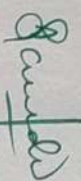
BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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

Certificate of Participation

Awarded to Mr./Ms. G.sany for YOUR participation in two days workshop on **"HPLC for Biopharmaceutical Analysis: Applications and Techniques"** during 24th & 25th April, 2021.


Dr. Manish Kumar Thimmaraju
Coordinator


Dr. A. Shyam Sunder
Principal



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Workshop Report on HPLC for Biopharmaceutical Analysis: Applications and Techniques

Date: 24-25 April, 2021

Location: Balaji Institute of Pharmaceutical Sciences

Organizer: Dr. Manish Kumar, Head of Pharmaceutical Analysis Department

A one-day workshop on "HPLC for Biopharmaceutical Analysis: Applications and Techniques" was organized by Dr. Manish Kumar, Head of the Pharmaceutical Analysis Department, at Balaji Institute of Pharmaceutical Sciences. The workshop aimed to provide participants with a comprehensive understanding of High-Performance Liquid Chromatography (HPLC) techniques specifically tailored for biopharmaceutical analysis.

The workshop began with an overview of HPLC principles, emphasizing its significance in pharmaceutical analysis. Participants were introduced to the key components of an HPLC system, including pumps, detectors, columns, and injection systems. Dr. Manish Kumar provided insights into the unique challenges and requirements of analyzing biopharmaceuticals using HPLC. The differences between traditional small molecule analysis and biopharmaceutical analysis were highlighted. This session focused on the strategies and considerations for developing HPLC methods for biopharmaceutical compounds. Factors such as column selection, mobile phase composition, and gradient conditions were discussed in detail. The importance of selecting appropriate columns and stationary phases for different types of biopharmaceutical molecules was covered. Participants learned about reversed-phase, size exclusion, and ion-exchange chromatography columns. Various detection techniques suitable for biopharmaceutical analysis, including UV-Vis, fluorescence, and mass spectrometry, were explored. Advantages and limitations of each technique were discussed. Sample preparation plays a crucial role in successful biopharmaceutical analysis. Different techniques for sample preparation, including protein precipitation, solid-phase extraction, and ultrafiltration, were explained.

Real-world case studies highlighting the application of HPLC in biopharmaceutical analysis were presented. These included protein quantification, glycosylation analysis, and peptide mapping. The workshop addressed the regulatory guidelines and requirements for biopharmaceutical analysis. Participants gained insights into validation and documentation needed to ensure compliance. A hands-on practical session allowed participants to operate an HPLC system and perform basic biopharmaceutical sample analysis. This interactive session provided participants with practical experience in method execution.

The workshop "HPLC for Biopharmaceutical Analysis: Applications and Techniques" proved to be an informative and practical platform for participants to enhance their understanding of HPLC methods tailored for biopharmaceutical analysis. Dr. Manish Kumar's expertise and the interactive nature of the sessions contributed to the success of the event. Participants left with valuable insights into the complexities and nuances of biopharmaceutical analysis using HPLC techniques. The event undoubtedly enriched the knowledge and skills of attendees, positioning them to contribute effectively in the field of biopharmaceutical research and analysis.



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Name of the Event: HPLC for Biopharmaceutical Analysis: Applications and Techniques

S.NO	NAME OF THE DELEGATE
1	DARSHANAPU POOJITHA
2	DEVARAKONDA NAVYA SHIRISHA
3	DODLA MAHESH
4	FIRUJ AHMED BARBHUIYA
5	GADDAM KIRAN KUMAR
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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
29	ADDURI SRUTHI
30	CHINTHAKINDI MAHESH
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35	KANNEBOINA PRAVALLIKA
36	KOKKARAKONDA ANJALI
37	MOGULOJU SUCHARITHA
38	MOHAMMED SOHAIL PASHA
39	NAMANI KAVYASRI
40	PENAKA VIJAYBHARGAV
41	ALWALA MOUNIKA



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

42	ASRA ANJUM
43	BARIGELA SHRUTHI
44	BASKULA NAVEEN
45	BILLA DIVYA
46	BOGI CHITTI
47	BOTIKA LAVANYA
48	BOYINENI VISHNU PRIYA
49	BURRA RAKESH
50	CHEERLA PRANITHA REDDY
51	CHIRRA BHAVANI
52	CHITYAM SANDHYA RANI
53	CHUNCHA SIRIVENNELA
54	DAMALLA MAHENDER
55	ELIGETI MANOHAR
56	ETTABOINA RAVALIKA
57	GODASI SUPRIYA
58	GUNDGONIWAR SONALI MALLESH
59	JALAGAM GANESH
60	JODUMUNTHALA MOUNIKA
61	KAITHA SANDHYA
62	KALVACHARLA DEEPIKA
63	KANAPARTHI ASHWITHA
64	KANDUKURI ANUSHA
65	KANNE DAYAKAR
66	KASAGANI SHRAVANKUMAR
67	KENCHA MOUNIKA
68	KONDI SAIRAM
69	KONGARA MAMATHA
70	LIKKY SANGEETHA
71	MABBU VASUDHA
72	ALWALA MOUNIKA
73	ASRA ANJUM
74	BARIGELA SHRUTHI
75	BASKULA NAVEEN
76	BILLA DIVYA
77	BOGI CHITTI
78	BOTIKA LAVANYA
79	BOYINENI VISHNU PRIYA
80	BURRA RAKESH



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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)

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 **HPLC for Biopharmaceutical Analysis: Applications and Techniques**. Your responses will help us improve our future events.

Dates: 24-25 April, 2021.

Venue: Balaji Institute of Pharmaceutical Sciences

Name: *N. Kavyashri*
Email: *Namanikavyashri24@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] ✓



[Signature]

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General Questions:

What aspects of the lecture did you find most valuable?

Technique of HPLC for biopharmaceuticals.

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

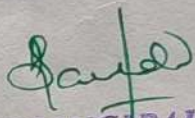
Yes.

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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Dr Manish Kumar Thimmaraju

HOD Pharmaceutical Analysis

HPLC for Biopharmaceutical Analysis: Applications and Techniques



PRINCIPAL

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

నర్సంపేట విశ్వవిద్యాలయం 2021: నర్సంపేట మండలం లక్ష్మీపల్లి శివారులోని బిప్స్ కళాశాలలకు తెలుగు భాషల వారు నిర్వహించిన పరీక్షాపాఠం "H.P.L.C ఫర్ బయో ఫార్మా సైంటిస్ట్ అనలిసిస్ : అప్లికేషన్స్ అండ్ టెక్నిక్స్" అనే అంశంపై బిప్స్ ప్రెజిడెంట్ గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో ముఖ్య అతిథులుగా డా॥ టి. పవన్ కుమార్ HOD ఫార్మా సైంటిస్ట్ అనలిసిస్ వారు పాల్గొన్నారు. ఈ కార్యక్రమంలో డా॥ అర్జున్ రెడ్డి డా॥ టి. పవన్ కుమార్ గారు మరియు కళాశాల ప్రెసిడెంట్ డా॥ ఎ. రామ్ సుందర్ గారు, మరియు ఫారాలిని విద్యార్థుల పాల్గొన్నారు.



(Signature)

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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**"

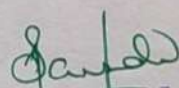
We are excited to announce a Workshop on the" **High Throughput HPLC: Strategies for Rapid Analysis and Sample Processing**" to be held on 19-20July, 2021 .This event promises an enriching and insightful experience for all the Participants regarding sample preparation techniques to be followed during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

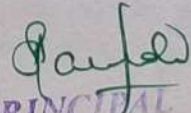
Dr. G. RAJESHWAR REDDY
Secretary, Balaji Group of Institutions

Patron

Dr A Shyam Sunder
Principal, BIPS

Dr T.Manish Kumar HOD Pharmaceutical Analysis
Convener




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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	Department of Pharmaceutical Analysis-Balaji Institute of Pharmaceutical Sciences
For whom	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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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 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 gaud 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]



[Signature]

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

General Questions:

What aspects of the lecture did you find most valuable?

High Throughout HPLC: Strategies for Rapid Analysis & Sample Processing

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

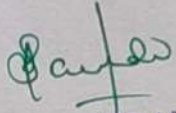
Yes

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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Dr Manish Kumar Thimmaraju

HOD Pharmaceutical Analysis

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



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నర్సంపేట 20 జూలై 2021 : నర్సంపేట మండలం లక్ష్మీపల్లి శివారులోని బిట్స్ కళాశాలలో రెండోరోజుల పాటు నర్సంపేటలోని వర్క్ షాప్ "ప్రాప్రెట్ HPLC : ట్రైబుటెన్ ఫర్ రాపిడ్ అనలైసిస్ అండ్ సెంపుల్ ట్రానసింక్ అనే అంశపై బిట్స్ ప్రెజెంట్ డా॥ రాజేంద్రప్రసాద్ గారి ఆధ్వర్యంలో ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో ముఖ్య అతిథులుగా డా॥ ఆమర్తా రాజ్ మనీష్ ఆచార్య గారు జూనియర్ ఇంజనీరింగ్ లో అనలైసిస్ వారు హాజరయ్యారు. ఈ కార్యక్రమంలో డా॥ ట్రినిటీ డా॥ ఆమర్తా రాజ్ గారు అలాగే కళాశాల ప్రెసిడెంట్ గారు డా॥ ఎ. శ్యామ్ సుందర్ గారు మరియు కార్యక్రమ విద్యార్థులు పాల్గొన్నారు.



(Signature)

PRINCIPAL

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

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
PRINCIPAL

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

Date: 20-08-2021

Circular

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

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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

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

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



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)

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

Balaji Institute of Pharmaceutical Sciences



BIPS
NARSAMPET

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

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

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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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.




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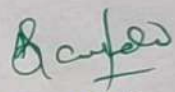
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Mr P Siddhartha Kumar

Quantitative FTIR Analysis: Methods and Validation




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

నర్సంపేట ఇరిగేషన్ డివిజన్ : నర్సంపేట మండలం, లక్ష్మీపల్లి నివాసులలో
బిట్స్ కళాశాలలకు చెందిన శాస్త్రాల పాఠ్య నిర్ణయించిన పరీక్షాపత్ర
"స్పెషియల్ పీఐఐఐఐ PIR అనలైసిస్ ; పోస్ట్ గ్రేడ్ వలెంటియర్ అనే
అంశంపై బిట్స్ చైర్మన్ డా॥ రాజేంద్రప్రసాద్ రెడ్డి గారి అధ్యక్షతన
ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా
మిస్టర్ P. నిజాల్ సుమార్ టీచింగ్ సూపర్ వైజర్ ఆఫ్ ఫార్మాసూటికల్ సైన్సెస్
వారు హాజరయ్యారు. ఈ కార్యక్రమంగా కౌ-ఆర్డినేటర్
డా॥ టి. మనీష్ సుమార్ గారు అలాగే కళాశాల డిప్యూటీ
డా॥ ఎ. శ్యామ్ సుందర్ గారు మరియు కళాశాల విద్యార్థులు
ఆసక్తిగా వున్నారు.



(Signature)

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Date: 19-09-2021

Circular

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

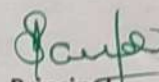
We are excited to announce a Two-Day Workshop on the "Controlling Critical Parameters in Lyophilization: A Practical Approach" to be held on 23-24 September, 2021. This event promises an enriching and insightful experience for all participants to learn the concepts of Lyophilization.

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
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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

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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NARSAMPET

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

CERTIFICATE OF PARTICIPATION

This certificate is awarded to Mr./Ms. Mr. S. Naveen

for active participation in two days workshop on "Controlling Critical Parameters in Lyophilization: A Practical Approach" during 23rd & 24th September, 2021.


Dr. Manish Kumar Thimmamaraju

Coordinator


Dr. A. Shyam Sunder

Principal



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

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
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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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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.moguloju.20@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]	<u>[5]</u>
Depth of knowledge demonstrated:	[1]	[2]	[3]	<u>[4]</u>	[5]
Clarity of presentation:	[1]	[2]	[3]	[4]	<u>[5]</u>
Use of examples and case studies:	[1]	[2]	[3]	[4]	<u>[5]</u>

Delivery:

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

Organization:

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



[Signature]

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

General Questions:

What aspects of the lecture did you find most valuable?

controlling critical parameters in Liophilization
A practical approach

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

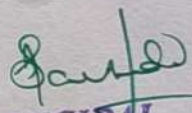
yes

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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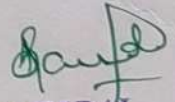


Dr Ramana Murthy

Professor in Pharmaceutical Technology

Andhra University




PRINCIPAL
Balaji Institute of Pharmaceutical Sciences
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Warangal (Dt) - 506 331 (T.S)



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నర్సంపేట 24 సెప్టెంబర్ 2021: నర్సంపేట మండలం లక్ష్యపూర్వక నివారణ
బిల్డ్ ఇతరాలైన రెండు కోటల పాటు నిర్వహించిన వర్క్ షాప్
00 కంట్రీలంగ్ డ్రెస్ డిజైన్ పాఠాన్ని ఇన్ లయాఫ్ డ్రెస్ : ఎక్స్ ప్లోర్
అవ్వచ అనే అంశంపై బిల్డ్ ఇతరాల పైర్స్ అభ్యర్థి అన
ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా
డా. రమణిమూర్తి బ్రహ్మాదేవివల్లే ' వారు హాజరయ్యారు.
ఈ కార్యక్రమాలకు శ్రీ - శ్రీ వీరవర్ధన్ డా॥ టి. వనీష్ కుమార్ గారు
అలాగే శ్రీ శాం ప్రసాద్ డా॥ ఎ. శ్యామ్ సుందర్ గారు ముఖ్య
పాతానీ నిర్వాహకులు పాల్గొన్నారు.



[Handwritten Signature]

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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**"

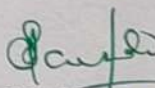
We are excited to announce a Workshop on the "**Pharmacovigilence week organized by KMC Wgl in association with Guardian Multi specialty Hospital**" to be held on 17-18 December, 2021. This event promises an enriching and insightful experience for all Pharm D students regarding importance of Pharmacovigilence.

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

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
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Dr Srinivas, Pharmacovigilance officer MGM Hospital
Warangal

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Dr A Shyam Sunder
Principal, BIPS

Dr A.Nagesh Associate Professor Pharm D

Convener



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



BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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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, 2021

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

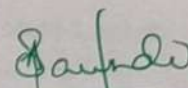
Resource Person:

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.




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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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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: Pharmacovigilance 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.SPOORTHY 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

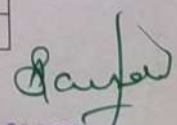


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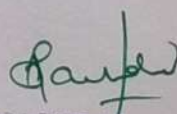
41	MS BHAVSAR PRIYABEN ASUTOSHKUMAR
42	MR. SUNIL DNYANESHWAR SHINDE
43	MR. HARA PRASAD SINGHA
44	MS. SNEHAL SONWANE
45	SAINI VYSHNAVI
46	MR. SK SIKANDAR BADSHA
47	MR. ARAJIT SINGHA
48	MS. SALONI PANDA
49	JANGILI NAVYA
50	MS. SMRUTI MALLIKA DUTTA
51	SASHIBHUSAN DASH
52	MR. SOUKAT GARAIN
53	MS DHUMAL VAISHNAVI 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 BANAEM
70	MS ASMA MASOOD
71	JEVIN GOPALBHAI VIRADIYA
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
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112	MS BHAVSAR PRIYABEN ASUTOSHKUMAR
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




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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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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-Suthi
Email: suthiadduri16@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 Multispecialty 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 Pharmacovigilence

MGM Hospital Warangal

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



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నర్సంపేట 18 డిసెంబర్ 2021 : నర్సంపేట మండలం లోని బిల్డింగ్ శివారులోని
బిల్డింగ్ కళాశాలలోని శుభం కలిగిన పాఠశాల నిర్మాణ పనులను
"భారతీయ ప్రభుత్వం వీర భద్రాద్రి కి బిల్డింగ్ మెంబర్ డిప్లొమా
వారం వరకు అనుమతినిచ్చి ఏంట్ కార్పొరేషన్ ముఖ్య నిపుణులు
హాజరు " అనే అంశంపై బిల్డింగ్ డిప్లొమా కార్పొరేషన్ సెక్షన్
గారి అధ్యక్షుడు ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో
డా. భద్రాద్రి కి డిప్లొమా ఎ. నాగిన్ గారు అలాగే కళాశాల
ప్రిన్సిపాల్ డా॥ ఎ. శ్యామ సుందర్ గారు మరియు శ్రీమతి
విద్యుత వాల్మీకి.



[Signature]

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