



# 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: 08-07-2020

## Circular

Subject: Two-Day workshop on the Topic "Medical Writing and Scientific Communication"

We are excited to announce a Two-Day Workshop on the "Medical Writing and Scientific Communication to be held on 17-18 July, 2020 .This event promises an enriching and insightful experience for all participants regarding Medical Writing and Scientific Communication.

We have invited distinguished expert and renowned speaker **Mr. Ravinder CEO & Managing Director, Lcbio Clinical Research.**

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)



  
**PRINCIPAL**  
Balaji Institute of Pharmaceutical Sciences  
Laknepally (V), Narsampet (M)  
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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*

### Medical Writing and Scientific Communication

17-18 July, 2020

#### 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 Ravinder CEO&MD**

Lcbio Clinical Research

#### Patron

**Dr N Raghunandan**  
Principal, BIPS

**Dr A. Shyam sunder HOD Pharm D**  
**Convener**



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## “Medical Writing and Scientific Communication”

### Resource Person

Mr. Ravinder

CEO & Managing Director, Lcbio Clinical Research

Schedule		
DAY-I	Session title	Lead
9:00 to 9:30	Registration	
9:30 to 9:45	Introducing the Guest	Dr.Raghunandan
9:45 to 12:30	<p><b>Importance of Medical Writing:</b>            Conveying complex information: Medical writing serves as a vehicle to distill complex scientific concepts and research findings into clear, concise, and understandable language. This facilitates effective communication among healthcare professionals, researchers, and the broader audience.</p> <p><b>Regulatory documentation:</b> Medical writing plays a pivotal role in generating regulatory documents such as clinical study reports, drug safety reports, and submissions to regulatory authorities. These documents ensure the safety and efficacy of pharmaceutical products and medical devices.</p> <p><b>Enhancing patient care:</b> By providing accurate and accessible information, medical writing empowers healthcare professionals to make informed decisions, leading to improved patient care and outcomes.</p> <p><b>Components of Medical Writing:</b>            Research articles: Medical writers contribute to the development of research articles, which are the primary means of disseminating scientific discoveries. These articles follow a structured format, including an abstract, introduction, methods, results, discussion, and conclusion.</p>	Mr. Ravinder
DAY-II		

Medical writing is a fundamental skill for Pharm.D. Students. It empowers them to communicate clearly, make evidence-based decisions, collaborate interprofessionally, and uphold regulatory standards. These abilities are not only pivotal for their education but also for their future roles as competent and knowledgeable pharmacists in diverse healthcare settings.



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## Workshop Report: Understanding Drug Interactions - A Pharmacological Approach

Hosted by: Balaji Institute of Pharmaceutical Sciences

Date: 17-18 July, 2020

Speaker: Dr.Surender Consultant Paediatrician, Amrutha hospitals

The Balaji Institute of Pharmaceutical Sciences organized a workshop on "Understanding Drug Interactions: A Pharmacological Approach" featuring Dr.Surender as the esteemed speaker. The workshop aimed to provide students, researchers, and professionals in the pharmaceutical field with a comprehensive understanding of drug interactions and their implications.

Dr.Surender is a renowned expert in the field of pharmacology with extensive experience in drug interactions research. He holds a Ph.D. in Pharmacology and has authored numerous research papers and articles on the subject. Dr.Surender expertise made him an ideal speaker to delve into the complex world of drug interactions. Dr.Surender commenced the workshop by providing a solid foundation on drug interactions. He explained the various types of drug interactions, including pharmacokinetic and pharmaco-dynamic interactions. Attendees gained insights into how interactions can occur at different stages, such as absorption, distribution, metabolism, and excretion of drugs. The speaker delved into the mechanisms underlying drug interactions, discussing concepts like enzyme induction and inhibition. Dr.Surender highlighted the significance of these interactions in clinical practice, emphasizing potential adverse effects and altered therapeutic outcomes. One fascinating aspect covered was drug-food interactions Dr.Surender explored how certain foods can affect drug absorption and metabolism, altering the drug's efficacy. Attendees learned about the importance of patient counseling regarding dietary restrictions when taking specific medications. The workshop addressed the challenges posed by polypharmacy, especially in the geriatric population. Dr.Surender emphasized the need for careful medication management in older adults to prevent potentially harmful interactions and adverse effects.

Attendees gained insights into real-world clinical scenarios where drug interactions could have severe consequences. Dr.Surender provided strategies to mitigate interactions, including adjusting dosages, monitoring patients, and considering alternative medications. The workshop included interactive case studies where participants actively engaged in analyzing and identifying potential drug interactions. This practical approach allowed attendees to apply the knowledge gained during the workshop. The event concluded with an engaging question and answer session. Participants had the opportunity to seek clarification on various aspects of drug interactions directly from speaker

The "Understanding Drug Interactions: A Pharmacological Approach" workshop led by Dr.Surender at the Balaji Institute of Pharmaceutical Sciences was a resounding success. Attendees left the event equipped with valuable knowledge that will undoubtedly enhance their practice in the pharmaceutical and medical fields. The event served as a reminder of the critical role pharmacists and healthcare professionals play in ensuring safe and effective medication regimens for patient



*Dr. Surender*  
**PRINCIPAL**  
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*Dr. Surender*  
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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 **Mr. Ravinder CEO&MD Lcbio Clinical Research Hyderabad** on the topic **Medical Writing and Scientific Communication**. Your responses will help us improve our future events.

Dates: 17-18 July, 2020

Venue: Balaji Institute of Pharmaceutical Sciences

Name: Malathi

Email: Tadi 121@gmail.com

Class: B. Pharmacy, 3<sup>rd</sup> 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?

*Medical Writing and Scientific Communication.*

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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నర్సంపేట 18 జూలై 2020 : నర్సంపేట మండలం లక్షపల్లి శివారులూరి  
 లక్షపల్లి కళాశాలలో రెండు రోజుల పాటు నర్సంపేట న వర్క్ షాప్  
 "మెడికల్ రైటింగ్ & సైంటిఫిక్ కమ్యూనికేషన్ అనే అంశంపై లక్షపల్లి  
 డా॥ రాజేంద్ర ప్రసాద్ గారి అధ్యక్షతన ఈ కార్యక్రమం  
 ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా Mr. రవీందర్ CEO  
 & MD వేసెలింగ్ డైరెక్టర్, LC బయో సైన్సెస్ రిసెర్చ్ వారు  
 హాజరయ్యారు. ఈ కార్యక్రమంలో డా॥ శ్రీశ్రీవేణుర్ డా॥ ఎ. శ్యామ్ సుందర్  
 గారు మరియు కళాశాల డిప్యూటీ చీఫ్ డా॥ డాక్. రఘునందన్ గారు  
 అలాగే ఖాతాదార్ల విద్యార్థులు పాల్గొన్నారు.



*Deveny*  
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*Rajendra*

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Translation

### PRESS NOTE

**Date: 18-07-2020**

A two days work shop on "Medical Writing and Scientific Communication" 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 Ravinder CEO&MD Icvio Clinical Research . Coordinator of the program Dr.A.Shyam sunder, college principal Dr.N.Raghunandan, faculty and students participated in the programme

# BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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



**BIPS**  
NARSAMPET

## Certificate of Participation

This certifies that

MD. JUNAID

has participated in two days workshop on

**“Medical Writing and Scientific Communication”**

held on 17<sup>th</sup> & 18<sup>th</sup> July, 2020.

**Dr. A. Shyam Sunder**  
Coordinator



**Dr. Raghunandan Nerella**  
Principal

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**Name of the Event: Medical Writing and Scientific Communication**

S.NO	NAME OF THE DELEGATE
1	MD JUNAID
2	REKIB UDDIN
3	MS ANKITA BARIK
4	SAI KRISHNA
5	MR. BARUN KUMAR SAHU
6	MR. MANOJKUMAR NANDKISHOR CHAUDHARI
7	BIRRU SNEHA
8	MS FAHIMA KHANAM LASKAR
9	SOURAV SAHOO
10	RAGHAV S SARODE
11	MR AMIL
12	RAJAN KUMAR VERMA
13	MS.VAGHELA YOGITABA PURANSINH
14	MR.MAZHARJAMIL
15	BOLLAM REKHA
16	PABBATHI VARSHINI
17	MS AARCHI SINGLA
18	MOHAMMAD SAHIB
19	NEETIKA
20	MR GAURAV NERKAR
21	MS MARIYA SULTANA
22	SHAZIA KOUNAIN
23	SYED AKHIL PASHA
24	THANNERU LAVANYA
25	UTKURU MOUNIKA
26	JADI MALATHI
27	DEBBATY MEGHANA
28	P AKSHARA
29	CHEPYALA HARIKA
30	PASULA DINESH
31	SAPNA MOHAN RATHOD
32	KUDIKALA ASHRITHA
33	MS.KEERTHI PERVARAM
34	MR. MOHAMAMD ANAS ANSARI
35	MR JAYDEEP KUMAWAT
36	SAMREEN
37	VANGA JYOTHIKA
38	THILAK
39	K.MOUNIKA
40	MR TANMOY GIRI
41	MS.SPOORTHI ODELA



*[Signature]*

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*[Signature]*

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42	AJAY ORUGANTI
43	POONAM RAJENDRA BRAMHANE
44	MR SADDAM HUSSAIN
45	MR NAZMUL KHAN
46	KARNATAW
47	MR.VEDANT DATTATRAY SAVANT
48	JUMAR ALI
49	MS. SHALLY CHOUDHARY
50	MS. G. SUPRIYA MADHURI
51	MS.NAZIYA TABASSUM
52	JAHANGIR ALAM
53	MS BHAVSAR PRIYABEN ASUTOSHKUMAR
54	MR. SUNIL DNYANESHWAR SHINDE
55	MR. NIKHIL S. PAMNANI
56	MS. PRATIKSHA KAILAS PATIL
57	KHAIRUNNISA BEGUM
58	SANIYA YASMEEN
59	MR NURJAMAL HOQUE
60	MS YOGITHA
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
90	SAPNA MOHAN RATHOD
91	KUDIKALA ASHRITHA
92	MS.KEERTHI PERVARAM



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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
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111	JAHANGIR ALAM
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
140	MS.D.GOWTHAMI
141	MR.EBNE MASUD ALAM
142	MS SANDHYA
143	BARLA HARSHITHA

*Pooja*

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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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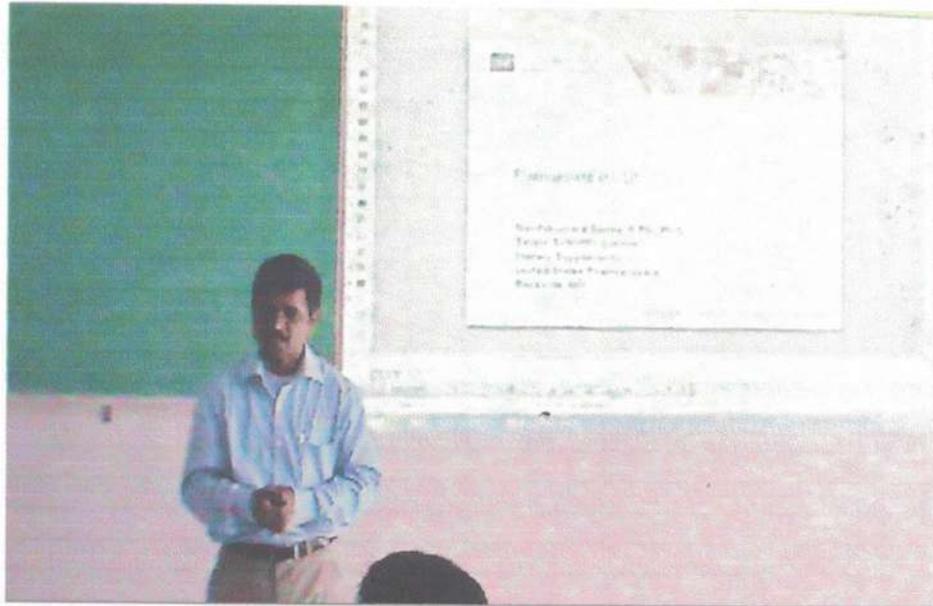


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Mr Ravinder

### Workshop on Medical Writing and Scientific Communication



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**Name of the Event: Molecular Vibrations in IR spectroscopy**

S.NO	NAME OF THE DELEGATE
1	ABDUL MUJEEB KHAN
2	ADEPU PRANITHA
3	CHINTHALA AKSHAYA
4	DASARI BHARATH KUMAR
5	GADDAM KAVYA
6	GAJULA SRIKAR REDDY
7	GOGULA TEJABHAVANI
8	GUMMADI LAXMIPRASANNA
9	JAKKULA HYNDAVA KRISHNA
10	JANNU SUPRAJA
11	KALAKOTA JYOTHSNA
12	MOTAPOTHULA SINDHU
13	NIKHATH FATHIMA
14	PANTHANGI NAVEEN
15	POCHAMPALLI RAJKUMAR
16	ATHOTA PRATHIBHA BHARATHI
17	PYKARAO MAHALAXMI
18	VALLEPU NAGARAJU
19	VELPULA SAIKIRAN
20	VOCHIDI VINEESHA
21	YELUGAM NEERAJA
22	AADEPU MANASA
23	ADDURI SRUTHI
24	CHINTHAKINDI MAHESH
25	DASARI SAHITHI
26	ENDLA UDAY TEJA
27	GARAMPALLI ANUSHA
28	GUGULOTH CHIRANJEEVI
29	KANNEBOINA PRAVALLIKA
30	KOKKARAKONDA ANJALI



  
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Date:11-07-2020

## Circular

Subject: Workshop ON the Topic" **Understanding Drug Interactions: A Pharmacological Approach**"

We are excited to announce a Workshop on the" **Understanding Drug Interactions: A Pharmacological Approach**" to be held on 17-18 July, 2020.This event promises an enriching and insightful experience for all the Participants regarding drug interactions among children.

We have invited distinguished expert and renowned speaker **Dr Surender Consultant Paediatrician Amrutha hospitals 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

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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*

**Understanding Drug Interactions: A Pharmacological  
Approach**

**17-18 July, 2020**

### Chief Patrons

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Chairman, Balaji Group of Institutions

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Secretary, Balaji Group of Institutions

### Resource Person

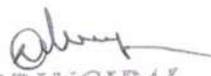
**Dr Surender Consultant Paediatrician Amrutha**  
Hospitals

### Patron

**Dr N Raghunandan**  
Principal, BIPS

**Dr A. Shyam sunder HOD Pharm D**  
Convener



  
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Laknepally (V), Narsampet (M)  
Warangal (D) - 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 Understanding Drug Interactions: A Pharmacological Approach

- ✦ Date: 17-18 July, 2020
- ✦ Venue: Balaji Institute of Pharmaceutical Sciences
- ✦ Guest Lecture by Dr. Surender Pediatrician

Are you intrigued by the intricate world of pharmaceuticals and their effects on the human body? Join us for an enlightening workshop on Understanding Drug Interactions where we delve into the complexities of pharmacology and its impact on patient care.

### ✦ Key Workshop Highlights for Two Days

#### Session 1: Fundamentals of Drug Interactions

- Gain insights into the basic concepts of drug interactions.
- Understand the various types and mechanisms of drug interactions.
- Explore the importance of studying drug interactions in patient safety.

#### Session 2: Pharmacokinetic Interactions

- Learn about interactions affecting drug absorption, distribution, metabolism, and excretion.
- Explore real-world examples of pharmacokinetic drug interactions.
- Discuss strategies to manage and mitigate these interactions.

#### Session 3: Pharmacodynamic Interactions

- Delve into interactions that impact drug effects at the receptor and cellular levels.
- Understand how drug combinations can lead to synergistic or antagonistic effects.
- Analyze case studies highlighting pharmacodynamic interactions.

#### Session 4: Clinical Significance and Management

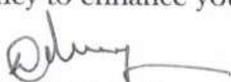
- Explore the clinical implications of drug interactions in different patient populations.
- Understand the role of healthcare professionals in identifying and managing interactions.
- Discuss strategies for minimizing the risk of adverse interactions in practice.

### Certificate of Participation

Receive a certificate recognizing your active participation in the workshop.  
Showcase your newly acquired knowledge and skills to enhance your professional profile.

Don't miss this opportunity to deepen your understanding of drug interactions and their impact on patient care.  
Join us at the Balaji Institute of Pharmaceutical Sciences and embark on a journey to enhance your pharmacological expertise!



  
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### Workshop Report: Medical Writing and Scientific Communication

Hosted by: Balaji Institute of Pharmaceutical Sciences

Speaker: Mr Ravinder CEO&MD Lcbio Clinical Research

Date: 17-18 July, 2020

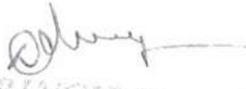
The Balaji Institute of Pharmaceutical Sciences successfully conducted a workshop on "Medical Writing and Scientific Communication," featuring the esteemed speaker Mr Ravinder. The event took place on [Insert Date] and was attended by students, faculty, and professionals from the pharmaceutical and healthcare sectors.

Mr Ravinder, a recognized authority in the field of medical writing, delivered an engaging and informative session that shed light on the nuances of effective scientific communication. The workshop aimed to enhance participants' understanding of various aspects of medical writing, including research paper preparation, manuscript submission, and the publication process. Mr Ravinder highlighted the critical role of clear and concise communication in disseminating research findings to the scientific community and the wider public. He provided insights into structuring research papers, crafting compelling abstracts, and adhering to ethical guidelines in scientific writing. The interactive nature of the workshop allowed participants to engage in discussions and ask questions, facilitating a deeper grasp of the topics. Mr Ravinder shared practical tips for improving writing skills, avoiding common pitfalls, and navigating the intricacies of journal selection and peer review. The event was a resounding success, leaving attendees with a heightened appreciation for the significance of effective medical writing. The knowledge gained from the workshop is anticipated to positively impact the quality of research publications from the Balaji Institute of Pharmaceutical Sciences and beyond.

The "Medical Writing and Scientific Communication" workshop delivered by Mr Ravinder at the Balaji Institute of Pharmaceutical Sciences served as a valuable platform for enhancing participants' expertise in conveying complex medical and pharmaceutical concepts. The institution looks forward to organizing more such insightful events in the future to foster academic and professional growth in the field.



  
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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 Surender Consultant Paediatrician Amrutha hospitals Warangal** on the topic **Understanding Drug Interactions: A Pharmacological Approach**. Your responses will help us improve our future events.

Dates: 17-18 July, 2020

Venue: Balaji Institute of Pharmaceutical Sciences

Name: Rajesh  
Email: Reddy Rajesh @ gmail . com .  
Class: 3<sup>rd</sup> 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?

Understanding Drug Interactions: A Pharmacological 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.



*[Handwritten signature]*

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నర్సంపేట 18 జూలై 2020: నర్సంపేట మండలం లోని బి.ఎస్.ఎస్. కళాశాలలో రెండు రోజుల పాటు నిర్వహించిన వర్క్‌షాప్ ట్రైనింగ్ ప్రోగ్రామ్ డాక్టర్ ఇంటర్వ్యూ : ఎ ఫార్మాలి కాలజికల్ అప్రోచ్ అనే అంశంపై బి.ఎస్.ఎస్. కళాశాల డా॥ రాజేంద్ర ప్రసాద్ రెడ్డి గారి ఆధ్వర్యంలో ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా డాక్టర్ సురేందర్ "రెన్డర్స్ విడియోట్రానింగ్ అవుట్ హాస్పిటల్స్ మోడల్" వారు హాజరయ్యారు. ఈ కార్యక్రమం ప్రొ-ఫెసర్ డా॥ ఎ. శ్యామ సుందర్ గారు మరియు డా॥ కళ్యాణ్ డా॥ ఎస్. రఘునందన్ గారు మరియు కళ్యాణ్ డా॥ ఎస్. రఘునందన్ గారు మొదలైన వారు పాల్గొన్నారు.



*[Signature]*

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*[Signature]*

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*[Signature]*

### PRESS NOTE

Date: 18-07-2020

A two days work shop on "Understanding Drug Interactions: A Pharmacological 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 Surender Consultant Pediatrician Amrutha Hospitals Warangal. Coordinator of the program Dr.A.Shyam sunder, college principal Dr.N.RaghuNandan, faculty and students participated in the programme

# Balaji Institute of Pharmaceutical Sciences

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



**BIPS**  
NARSAMPET

## Certificate of Participation

Awarded to Mr./Ms. \_\_\_\_\_  
Tumar. AII \_\_\_\_\_ for

*your active participation in two days workshop on "Understanding Drug Interactions: A Pharmacological Approach" conducted on 17<sup>th</sup> & 18<sup>th</sup> July, 2020.*

Dr. A. Shyam Sunder  
Coordinator



Dr. Raghunandan Nerella  
Principal

**Name of the Event: Understanding Drug Interactions: A Pharmacological Approach**

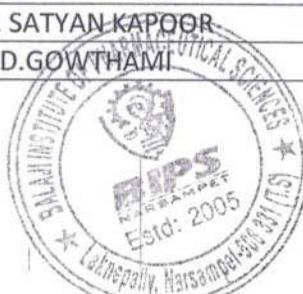
S.NO	NAME OF THE DELEGATE
1	MS.SPOORTHI ODELA
2	AJAY ORUGANTI
3	POONAM RAJENDRA BRAMHANE
4	MR SADDAM HUSSAIN
5	MR NAZMUL KHAN
6	KARNATAW
7	MR.VEDANT DATTATRAY SAVANT
8	JUMAR ALI
9	MS. SHALLY CHOUDHARY
10	MS. G. SUPRIYA MADHURI
11	MS.NAZIYA TABASSUM
12	JAHANGIR ALAM
13	MS BHAVSAR PRIYABEN ASUTOSHKUMAR
14	MR. SUNIL DNYANESHWAR SHINDE
15	MR. NIKHIL S. PAMNANI
16	MS. PRATIKSHA KAILAS PATIL
17	KHAIRUNNISA BEGUM
18	SANIYA YASMEEN
19	MR NURJAMAL HOQUE
20	MS YOGITHA
21	MR WASHIM AKRAM
22	MR SAHOO
23	PRITAM KUMAR BASAK
24	MS AKHILA
25	MS MANASA
26	MR NITHIN
27	MR MIRAJ
28	ANURUP BHATTACHARJEE
29	MOHAMMAD FAQRUDDIN ALMAS
30	CHEDIPAKA PRASHANTHINI
31	CHAUHAN JAYDIP BHAVSINHBHAI
32	REDDY RAJESH
33	SK ABDUL MOYED
34	SADDAM HUSSEIN
35	MS.MANJUSHA.M
36	MR. SUBHASIS SIMLANDI
37	MRS. DESHMUKH SUVARNA SUNIL
38	MR. SOUMIK MAZUMDAR
39	MS VISHVA
40	MR. SATYAN KAPOOR
41	MS.D.GOWTHAMI



*[Signature]*

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*[Signature]*

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42	MR.EBNE MASUD ALAM
43	MS SANDHYA
44	BARLA HARSHITHA
45	MS.M.SURASHMI
46	SUMANT
47	PULAGADAPA PRANEETH KUMAR
48	MSSNEHA
49	MS PRATIKSHA SHARMA
50	MISS DIKSHA DIWAKAR
51	MR.SAI TEJA
52	MD JUNAID
53	REKIB UDDIN
54	MS ANKITA BARIK
55	SAI KRISHNA
56	MR. BARUN KUMAR SAHU
57	MR. MANOJKUMAR NANDKISHOR CHAUDHARI
58	BIRRU SNEHA
59	MS FAHIMA KHANAM LASKAR
60	SOURAV SAHOO
61	RAGHAV S SARODE
62	MR AMIL
63	RAJAN KUMAR VERMA
64	MS.VAGHELA YOGITABA PURANSINH
65	MR.MAZHARJAMIL
66	BOLLAM REKHA
67	PABBATHI VARSHINI
68	MS AARCHI SINGLA
69	MOHAMMAD SAHIB
70	NEETIKA
71	MR GAURAV NERKAR
72	MS MARIYA SULTANA
73	SHAZIA KOUNAIN
74	SYED AKHIL PASHA
75	THANNERU LAVANYA
76	UTKURU MOUNIKA
77	JADI MALATHI
78	DEBBATY MEGHANA
79	P AKSHARA
80	CHEPYALA HARIKA

*Gayatri*

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*Shree*

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**Dr Surender, Consultant Pediatrician**

**Amrutha Hospital Warangal**

**Understanding Drug Interactions: A Pharmacological Approach**



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Estd: 2005

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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.



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# Balaji Institute of Pharmaceutical Sciences

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



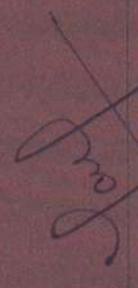
## Certificate of Participation

This is to certify that

D. Sahithi

has participated in two days workshop on

**Troubleshooting HPLC Systems : Identifying and Resolving Common Issues**  
held on 29<sup>th</sup> & 30<sup>th</sup> 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	RANGISSETTI 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



*Principal*

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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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**Balaji Institute of Pharmaceutical Sciences**  
Laknepally (V), Narsampet (M)  
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)

### 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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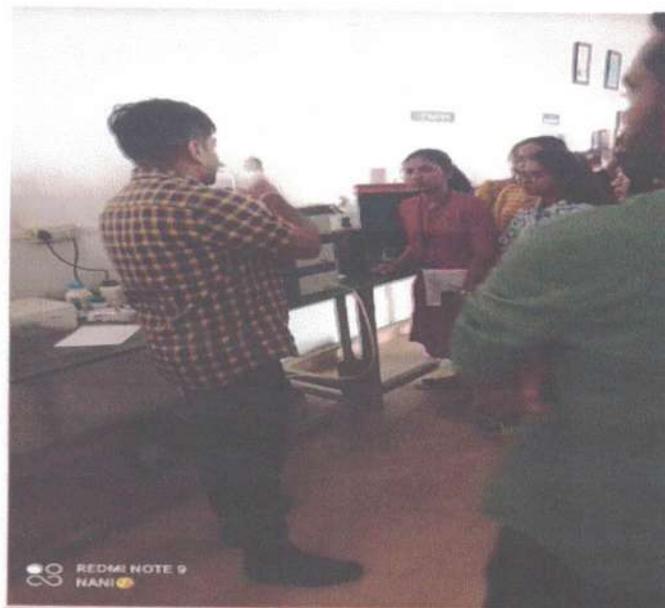


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Dr Manish Kumar Thimmaraju

HOD Pharmaceutical Analysis

Troubleshooting HPLC Systems: Identifying and Resolving Common Issues



*Safed*

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నర్సంపేట 30 జనవరి 2021 : నర్సంపేట మండలం లక్ష్మీపల్లి శివారులూరి  
 బిల్డ్స్ కళాశాలలో రెండు రోజుల పాటు నిర్వహించిన వర్క్‌షాప్  
 "ట్రబుల్‌షూటింగ్ HPLC సిస్టమ్స్ : ఐడింటిఫైంగ్ & రిజల్వింగ్ కామన్ ఇష్యూస్  
 అనే అంశపై బిల్డ్స్ కళాశాల చైర్మన్ డా॥ రాజేంద్రప్రసాద్ రెడ్డి  
 గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమానికి  
 ముఖ్య అతిథులుగా డా॥ మనీష్ కుమార్ ఆమ్బారాజ్ HOD -  
 ఫార్మాసూటికల్ అనలిసిస్ బాలాజీ ఇన్స్టిట్యూట్స్ ఆఫ్ ఫార్మా సైన్సెస్  
 పైన్స్ వారు హాజరయ్యారు. ఈ కార్యక్రమంలో డా॥ డి. శ్యామసుందర్  
 డా॥ మనీష్ కుమార్ అలాగే కళాశాల ప్రిన్సిపాల్ డా॥ వ. శ్యామసుందర్  
 గారు మరియు ఫార్మాసీ విద్యార్థులు పాల్గొన్నారు.



*Dr. Rajendra*  
PRINCIPAL

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

Translation

### PRESS NOTE

Date: 30-01-2021

A two days work shop on "Troubleshooting HPLC Systems: Identifying and Resolving Common Issues" 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: 20-04-2021

### 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**

**Balaji Institute 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 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 4<sup>th</sup> 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] ✓

*Manish Kumar Thimmaraju*

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



**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.



*Handwritten signature in green ink.*

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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

#### **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**



*Balaji*  
**PRINCIPAL**

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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   <a href="mailto:manishcancer@gmail.com">manishcancer@gmail.com</a>
Organized by	<ul style="list-style-type: none"><li>Department of Pharmaceutical Analysis-Balaji Institute of Pharmaceutical Sciences</li></ul>
For whom	<ul style="list-style-type: none"><li>Students of Pharma / analytical/physical chemistry wishing to equip themselves for industry jobs</li></ul>
When	<b>24-25 April, 2021</b>
Where	Central instrumentation Laboratory, Balaji Institute of Pharmaceutical Sciences
Contact	Dr Manish Kumar   Phone: +91-9966463586   <a href="mailto:manishcancer@gmail.com">manishcancer@gmail.com</a> .
Registration	<b>Maximum 30 seats; First-come-first-serve.</b> <b>for registration:</b> Interested participants need to contact workshop <b>Co-coordinator</b>



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# BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES

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



**BIPS**  
NARSAMPET

## 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 24<sup>th</sup> & 25<sup>th</sup> April, 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: 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
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
29	ADDURI SRUTHI
30	CHINTHAKINDI MAHESH
31	DASARI SAHITHI
32	ENDLA UDAY TEJA
33	GARAMPALLI ANUSHA
34	GUGULOTH CHIRANJEEVI
35	KANNEBOINA PRAVALLIKA
36	KOKKARAKONDA ANJALI
37	MOGULOJU SUCHARITHA
38	MOHAMMED SOHAIL PASHA
39	NAMANI KAVYASRI
40	PENAKA VIJAYBHARGAV
41	ALWALA MOUNIKA

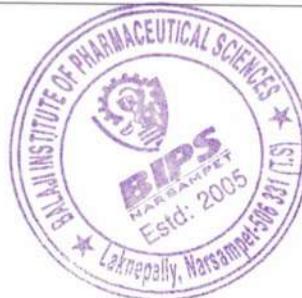


*Gayle*

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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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## 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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## 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. Kavyasri*  
Email: *Namanikavyasri24@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]	<input checked="" type="checkbox"/> [4]	[5]
Depth of knowledge demonstrated:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]
Clarity of presentation:	[1]	[2]	[3]	<input checked="" type="checkbox"/> [4]	[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]	<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]	<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]	<input checked="" type="checkbox"/> [4]	[5]
Overall event arrangement:	[1]	[2]	[3]	[4]	<input checked="" type="checkbox"/> [5]



*Santosh*

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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**



*Safar*

**PRINCIPAL**

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నర్సంపేట డిస్ ట్రిక్ట్ 2021: నర్సంపేట మండలం లక్ష్మీపల్లె గ్రామంలోని బి.ఎస్. కళ్యాణం కళాశాలలో రెండు రోజుల పాటు నిర్వహించిన వర్క్ షాప్ "H.P.L.C ఫర్ బయో ఫార్మా సైంటిఫిక్ అనాలిసిస్ : అప్లికేషన్స్ అండ్ టెక్నిక్స్" అనే అంశంపై బి.ఎస్. చైర్మన్ గారి అధ్యక్షతన ఈ కార్యక్రమం ముగిసింది. ఈ కార్యక్రమంలో ముఖ్య అతిథులుగా డా॥ టి. మనీష్ కుమార్ HOD ఫార్మా సైంటిఫిక్ అనాలిసిస్ గారు పాల్గొన్నారు. ఈ కార్యక్రమంలో డా॥ ఆర్.వి.వేణుగోపాల్ డా॥ టి. మనీష్ కుమార్ గారు మరియు డా॥ కె.ఎస్. ప్రసాద్ గారు ప్రెజెంటేషన్లు చేసి, సాఫీ సుందర్ గారు, మరియు ఫార్మా సైన్స్ విద్యార్థుల పాల్గొన్నారు.

PRINCIPAL

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Translation

## PRESS NOTE

Date: 25-04-2021

A two days work shop on "HPLC for Biopharmaceutical Analysis: Applications and Techniques" 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.