



**3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year 2023-24 (Number of workshops/seminars =06)**

Sr. No.	Name of the workshop/ seminar	Number of Participants	Date From– To	Page No.
1.	Equipment handling skills for product development	72	02/04/2024	1-10
2.	Hands on Training: Sophisticated Analytical Instruments: HPLC & HPTLC	66	14/03/2024 & 15/03/2024	11-16
3.	Unlocking entrepreneurial pathways in the booming IT healthcare landscape	96	06/01/2024	17-31
4.	A one-day workshop on Laboratory Techniques & Software in experimental Pharmacology	39	04/01/2024	32-44
5.	Hands-on Training Seminar on Gel Electrophoresis	118	22/08/2023	45-63
6.	Clinical Data Management	20	07/07/2023	64-66

*Certified Document from page No. 1 to 66*



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No.: +91-7104 - 299510  
E-mail: principal@pjcp.edu.in, lccpnp@gmail.com • Website: www.pjcp.edu.in  
Accredited with Grade B++ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



### REPORT ON ONE DAY WORKSHOP HELD ON 2<sup>ND</sup> APRIL 2024

A one day workshop on "Equipment handling skills for product development" was organized by Department of Pharmaceutics and Pharmacognosy under IQAC cell of Priyadarshini J.L. College of Pharmacy on 2<sup>nd</sup> April 2024. Around 72 participants had registered for the workshop. The workshop was inaugurated by the Principal, Dr.D.R.Chaple. The inauguration was followed by plenary sessions, conducted by the Coordinators, Dr.Mrs.K.P.Upadhye and Mrs.S.G.Gurnani wherein they elaborated the theory behind the equipments such as Tablet press, Brookefields viscometer, Dissolution and Diffusion apparatus, Motic microscope, Abbes refractometer, Rotaevaporator and freeze drier. After a break for refreshments the demonstration on the above mentioned machines was held. It was followed by Valedictory function where feedback about the workshop was collected and the participants were awarded with certificates. The entire proceedings were carried out by Dr.Mrs.G.R.Dixit, Ms.Varsha Barethiya and Shivanu Wadichar.

*K.P. Upadhye*  
(Dr. Mrs. K.P. Upadhye)  
Co-ordinator

*Dr. D.R. Chaple*  
**PRINCIPAL**  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**PRIYADARSHINI J. L. COLLEGE OF  
 PHARMACY, NAGPUR**

*Department of Pharmaceutics and Pharmacognosy*  
*Under the banner of IQAC cell*  
 Organizes

**One day Workshop on**  
**“Equipment handling skills for Product  
 Development”**

**April 2<sup>nd</sup>, 2024**

Time: 10.00am - 5.00pm

**Venue- Seminar Hall, Wing C, Priyadarshini J. L. College of  
 Pharmacy, Nagpur**



**About Workshop-**

The workshop is aimed to empower the research students to comprehend the basics of various manufacturing and quality control tools in the product development and will provide insights on handling of strategic sophisticated instruments useful for their research work.

**Who can participate?**

Faculty, PG, and Ph.D Research scholars

**Registration details-**

Registration fees- 100/-

Registration End- 01/04/2024

**Registration QR**



**Payment QR**



**Registration Process**

Pay the registration fee through QR given above. Take screenshot of successful payment. Fill the registration form, mention transaction ID/UTR/UPI at specified place.

**Tentative Schedule-**

Time	Program
10.00am-10.30am	Spot registration
10.30am-11.30am	Inauguration
11.30am-12.30pm	Plenary session
12.30 pm-1.00pm	Refreshment
1.00pm- 4.00pm	Demonstration
4.00pm- 5.00pm	Valedictory function

**Organizing committee**

**Dr. D. R. Chaple**  
 Co-ordinators

**Dr. Mrs. K. P. Upadhye**  
**Mrs. S. G. Gurunani**

**Member**

Dr. V. D. Gulkari	Dr. Mrs. S. P. Motghare
Dr. Mrs. S. S. Bakhle	Ms. V. M. Barethiya
Dr. Mrs. G. R. Dixit	Mr. P. D. Dhokne
Dr. R. H. Kasliwal	Ms. S. P. Wadichar
Dr. Y. N. Gholse	Ms. R. B. Chaware
Mr. A. R. Thakre	Ms. N. S. Wasnik

**Contact for more information:**

**Dr. Mrs. K.P. Upadhye: 9850324585**

**Mrs. S. G. Gurunani: 8275298315**





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No.: +91-7104 – 299510

E-mail: principal@pjcp.edu.in, ilccpnp@gmail.com • Website: www. pjcp.edu.in

Accredited with Grade B++ by NAAC

Institute Code: DTE 4265 & RTMNU 265



**Event:** One day workshop on “ Equipment handling skills for product development

**Date :** 2<sup>nd</sup> April 2024

**Organised by:** Department of Pharmaceutics and Pharmacognosy



Inauguration of one day workshop on “ Equipment handling skills for product development “  
dated 2<sup>nd</sup> April 2024







LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No.: +91-7104 – 299510

E-mail: principal@pjlc.edu.in, ilccpnp@gmail.com • Website: www.pjlc.edu.in

Accredited with Grade B++ by NAAC

Institute Code: DTE 4265 & RTMNU 265



Plenary sessions by Dr.Mrs.K.P.Upadhye and Mrs.S.G.Gurunani





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No.: +91-7104 - 299510

E-mail: principal@pjcp.edu.in, ilccpnp@gmail.com • Website: www.pjcp.edu.in

Accredited with Grade B++ by NAAC

Institute Code: DTE 4265 & RTMNU 265



Demonstration of some important equipments during the workshop





Valedictory function and certificate distribution to the participants







Date: 01/04/2024

### NOTICE

All the faculty members and registered students are hereby informed that a one day workshop on “Equipment handling skills for Product development” has been arranged on 2<sup>nd</sup> April 2024. All are requested to attend the inauguration of the workshop in auditorium of Wing C.

Dr. Mrs. K.P. Upadhye

Coordinator

Prof./Asso. Prof. / Asst. Prof.  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

Mrs. S. Gurunani

Coordinator

Dr. D.R. Chaple

Principal

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur

Feedback form for One day Workshop on  
**"Equipment Handling Skills for Product Development"** organized by *Priyadarshini J.L.*  
*College of Pharmacy, Nagpur* on dated: 02/04/2024

Please submit feedback regarding the workshop you have just completed, including feedback on course structure, content, and instructor.

\* Indicates required question

1. Email \*

\_\_\_\_\_

2. 1. Registered E-mail Id \*

\_\_\_\_\_

3. 2. Name of the participant \*

\_\_\_\_\_

4. 3. Name of college/Institute/Organisation/Company \*

\_\_\_\_\_

5. 4. Category \*

*Mark only one oval.*

☐ PG Student

☐ Ph.D Research Scholar

☐ Faculty

6. 5. Registered Contact number \*

\_\_\_\_\_



**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440018 (M.S.) India

Tel No. +91-7104 - 299510  
E-mail: prinipal@pjcp.edu.in, itopngp@gmail.com • Website: www.pjcp.edu.in  
Accredited with Grade A+ by NAAC

Institute Code: DTE 4265 & RTMNU 265



Date: 02/04/2024

**One day Workshop on  
Equipment Handling Skills for Product Development**

<u>Batch A</u>		<u>Batch B</u>	
Sr. No.	Name of The Participants	Sr. No.	Name of The Participants
1	Anirudh Shyam Narayan Mishra	16	Kajal Thool
2	Ankita Umesh Pande <i>Ankita</i>	17	Ketan Ekanath Jambhulkar <i>Ketan</i>
3	Anuradha Anil Dhokpande <i>Anuradha</i>	18	Khushboo Harish Paraswani <i>Khush</i>
4	Anushree Vijay Shegaonkar <i>Anushree</i>	19	Khushi Jitendra Popali <i>Popali</i>
5	Apali Ajay Jain <i>Apali</i>	20	Laxman Shahu <i>Laxman</i>
6	Apurwa Raju Ekhankar <i>AB</i>	21	Mayur Ashok Lohi <i>Mayur</i>
7	Ashish Babarao Belsare <i>Ashish</i>	22	Mayuri Vijay Durge <i>Mayuri</i>
8	Ashit Prakash Ramteke <i>Ashit</i>	23	Namrata Ravindra Hole <i>Namrata</i>
9	Chetana Anil Lahariya <i>Chetana</i>	24	Neha Dashrath Narange <i>Neha</i>
10	Harshal Jagdish Raut <i>Harshal</i>	25	Nikita Dinesh Shukla
11	Harshal Jagdish Raut Ruchika G. Dashmukh	26	Nikita Nagnath Musale <i>Nikita</i>
12	Janhvi Dnyaneshwar Kuware <i>Janhvi</i>	27	Nishita Maroti Nagpure <i>Nishita</i>
13	Jayashri Bhumeswar Telmasare <i>Jayashri</i>	28	Nutan Prabhakar Chahare <i>Nutan</i>
14	Juhi Mohan Makode	29	Ojaswini Ravindra Urkudkar <i>Ojaswini</i>
15	Kajal Kumari Sudhir Prasad <i>Kajal</i>	30	Pooja Dhenge <i>Pooja</i>





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
 (Formerly known as J. L. Chaturvedi College of Pharmacy)  
 Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India  
 Tel No: +91-7104 - 299610  
 E-mail: principal@pjcop.edu.in, kcopnpg@gmail.com • Website: www.pjcop.edu.in  
 Accredited with Grade A+ by NAAC  
 Institute Code: DTE 4265 & RTMNU 265



Date: 02/04/2024

**One day Workshop on  
 Equipment Handling Skills for Product Development**

<u>Batch C</u>		<u>Batch D</u>	
Sr. No.	Name of the participants	Sr. No.	Name of the participants
31	Pooja Subhash Tarahane	47	Samiksha Sandeep Tammewar
32	Pranita Ishwar Rathod	48	Sejal Kanhaiya Agrawal
33	Pratik Sunil Mishra	49	Shadab
34	Priyanka Omprakash udasi	50	Shekhar Avinash Khune
35	Puja Ravindra Nagarkar	51	Shivani Dhongde
36	Rakshika Mahesh Agrawal	52	Shrushti S. Masal
37	Ritu vijay udan	53	Shrutika Shrirang Bhurse
38	Riya Prashant Ghatge	54	Shubhangi Harishchandra Bhowate
39	Rupesh Chandrama kumar	55	Sneha Netaji Tajane
40	Rutuja Janrao Thakre	56	Sonu Shankar Bhagat
41	Rutuja Narendra Bhadange	57	Srushti Narendra Zade
42	Rutuja Uddhaorao Bhagat	58	Swapnil Santoshrao Tirmannwar
43	Sakshi Rajesh Sharma	59	Tanvi Sunil Tighare
44	Sakshi Sanjay Jaiswal	60	Tejaswini Suresh Patle
45	Sakshi Sitaramji Kamde	61	Tiksha Prashant Yerne
46	Sakshi Vijay Bhope	62	Yogita N. Chunchuwar
		63	Akshay Bidwai
		64	Pournima Lonare
		65	Bhagmati chouban

66. Vijay Tohilyani  
 67. Bhavani Chavhan  
 68. Shweta Rathod  
 69. Ragini Dani  
 70. Ashwin Rahangdale  
 71. Sunilosh Rahate  
 72. Roshani Gautkar

**Priyadarshini J. L. College of Pharmacy, Hingna, Nagpur-440016**

**Report**

**HANDS ON TRAINING**

**Sophisticated Analytical Instruments: HPLC &HPTLC**

**2023-2024**

The **HANDS-ON TRAINING Sophisticated Analytical Instruments: HPLC &HPTLC 2023-2024** was organized by Priyadarshini J. L. College of Pharmacy, Nagpur (Pharmaceutical Chemistry Department) in collaboration with Anchrom Enterprises (I) Pvt. Ltd. from dated 14/03/2024 to 15/03/2024 (02 days) for the students of B. pharm Sem Final year, M. Pharm., Ph. D. Scholars and Faculty. All proceeding was handled by the students of M. Pharm final year. All the students, Ph. D. Scholars and faculty participated with full enthusiasm and made this program successful. The detailed report is as follows:

**Day 1-Thursday 14/03/2024**

**Session 1-Inauguration session**

On the first day, the inauguration session was started by welcoming all the delegates. The program was commenced by Saraswati Vandana. Program was started at 12:00 noon at the college seminar hall wing C with the keynote address by the respected Principal Sir **Dr. D. R. Chaple**. Sir had described the affiliations, accreditations, awards and achievements received by college in past years. Sir has also addressed the delegates regarding why there is a need of Hands-on Training on Sophisticated Analytical Instruments i.e. HPLC and HPTLC. After the addressing of Principal Sir, **Dr. D. P. Kawade** has given a brief introduction about 02 days' workshop.





## Session 2- Introduction of Resource Person for HPLC

After the inauguration session next session was started by welcoming and giving brief introduction of resource person Dr. A. J. Asnani mam by Mrs. Sneha S. Tidke. After that Dr. A. J. Asnani mam has delivered detailed lecture on HPLC. Comparing on day One was done by Ms. Shweta Rane.

## Session 3-Hands-on Training on HPLC

Department of Pharmaceutical Chemistry organized an Hands-on Training Program on High Performance Liquid Chromatography (HPLC) on 14<sup>th</sup> March 2024. The event aimed to provide participants with a comprehensive understanding of HPLC techniques, applications, and hands-on experience in operating HPLC. The workshop was led by experts: Dr. A. J. Asnani mam 65 participants attended the session. The workshop oriented the participants to the fundamental principles, techniques, and applications of High-Performance Liquid Chromatography. Participants were told to operate the instruments, perform sample injections, acquire chromatographic data and analyze and optimize separation parameters. This practical experience was invaluable in enhancing participants' confidence and competence in utilizing HPLC techniques.





**Day 2- Friday 15/03/2024**

**Session 1- Introduction of Resource Person to HPTLC**

HPTLC is a modern analytical separation method with extensive versatility, although already much utilized, is still with great potential for future development in research and development. It is accepted as a time-saving and most economical machine practically with minimum trouble shootings. For the introduction to HPTLC on day 2 i.e on 15<sup>th</sup> March 2024 Mr. Ramakant Yadav, Application Specialist from Anchrom Enterprises Pvt. Ltd. India. Brief Introduction of Sir was given by Ms. Bhairavi Chauhan, Assistant professor from Pharmaceutical Chemistry Department by welcoming, Mr. Ramakant Yadav was delivered a detailed lecture on HPTLC

**Session 2- Hands-on Training on HPTLC**

The scope of hyphenation of HPTLC with other analytical techniques appears to hold considerable promise for the analysts who previously have had reservation towards the use of planar chromatography. Its hyphenation with mass/infra red/laser spectroscopy, etc. opens a new dimension which makes it the most prestigious among the analytical chemists in the present perspective. In this article, we present a practical view of the concepts of various parameters in the validation fields of quantitative high-performance thin layer chromatography analytical methods in pharmaceutical analysis, as well as several recent methods to serve as an introduction to applications of analytical validation, whether they are for an academic or an industrial researcher. Mr. Ramakant Yadav has delivered hands on training on HPTLC to all delegates very efficiently.

**Impact Report**

- ❖ A total of 65 members including faculty and students of B Pharm & M Pharm attended & through the Guest Lecture.
- ❖ The Faculty and students endorsed that the guest lecture was knowledgeable and interesting.
- ❖ The key points highlighted by the speaker were advantageous for all the B. Pharm, M. Pharm, Ph. D. Scholars and faculty in career perspective, gaining expert knowledge about HPLC and HPTLC in both theory and practical aspect.

HANDS ON TRAINING


Sophisticated Analytical Instruments: HPLC & HPTLC

2023-2024

List of Participants

Date: 14/03/24 &

14/03/24

Sr.No.	Name of Participants	Signature	Sr.No.	Name of Participants	Signature
1.	Rutuja Narendra Bhadange		34.	Madhuri Arun Fating	
2.	Rida ali saiyad		35.	Nikita bhimrao gaikwad	
3.	Vaibhavi Vinod Meshram		36.	Sakshi Sitaramji Kamde	
4.	Ritik Jamgade		37.	Sakshi Ravindra Vyawahare	
5.	Nandani sonwane		38.	Himanshi Hitendra Bele	
6.	Pranay Bhaurao Patil		39.	Pranjali Purushottam Jambhulkar	
7.	Priti Shriram Bhojar		40.	Sneha Gyanidas Nandeshwar	
8.	Punam N Dharpure		41.	Shabnam saher	
9.	Vaishnavi Sharad Nikhade		42.	Pooja Pralhad Patle	
10.	Puja Ravindra Nagarkar		43.	Anirudh Shyam Narayan Mishra	
11.	Shubham Subhash Khandare		44.	Aishwarya kaggate	
12.	Dhananjay Rameshwar Tidke		45.	Paras Rameshwar Chaudhari	
13.	Namrata Devidas Dhote		46.	Neha Dashrath Narange	
14.	Shweta Vinayak Rane		47.	Ritu vijay udan	
15.	Dhanshree Ramesh Bawane		48.	Ashwin Umesh Rahangdale	
16.	Pooja Subhash Tarahane		49.	Aniqua T. S. Sheikh	
17.	Priyanka Baban Khedekar		50.	Aniket Murkute	
18.	Bhagyashri Patil		51.	Khushi Jitendra Popali	
19.	Shubhangi Harishchandra Bhowate		52.	Hitesh S Bisen	
20.	Swapnil S. Tirmanwar		53.	Dipali Krushnaji Balpande	
21.	Sakshi Rajesh Sharma		54.	Dnyaneshwar Bandu Borkar	
22.	Pranita Ishwar Rathod		55.	Mayank Raju Harne	
23.	Aishwarya Vishwanath lichade		56.	Gaurav Randhir Chaudhari	

	Shivani Dhongde	<i>Shivani</i>		Suruchi Balkrushna Thakare	<i>Suruchi</i>
25.	Anuradha Dhokpande	<i>Anuradha</i>	58.	Vijay Tahilyani	<i>Vijay</i>
26.	Vaishnavi shriwanta Bhure	<i>Bhure</i>	59.	Ashish Pillewan	<i>Ashish</i>
27.	Shweta Dnyaneshwar dhole	<i>Shweta</i>	60.	Alpana J. Asnani	<i>Alpana</i>
28.	Sahil Dilip Gayakwad	<i>Sahil</i>	61.	Santosh Rahate	<i>Santosh</i>
29.	Glen George Panakal	<i>Glen</i>	62.	Sapan Shah	<i>sapan</i>
30.	HIMANSHU SHAHU	<i>Himanshu</i>	63.	Dinesh Kawade	<i>Dinesh</i>
31.	Pooja ashokrao wankhade	<i>Pooja</i>	64.	Neha Mankar	<i>Neha</i>
32.	Kajol Mahesh Rakshiye	<i>Kajol</i>	65.	Sneha Tidke	<i>Sneha</i>
33.	Shweta vinod khanorkar	<i>Shweta</i>	66.	Bhairavi Chavahan	<i>Bhairavi</i>

*Asnani*

Prof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

*Shen*

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur





INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

# ANCHROM

HPTLC specialists since 1978

Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini J. L College of Pharmacy, Nagpur**  
**Department of Pharmaceutical Chemistry**

*In Collaboration with*

***Anchrom Enterprises (I) Pvt. Ltd.***

*Organizes*

## Hands on Training

**Sophisticated Analytical Instruments:  
HPLC & HPTLC**

**14<sup>th</sup> & 15<sup>th</sup> March 2024**

### RESOURCE PERSON

Day 1



**Dr. A. J. Asnani**

Professor, Department of Pharmaceutical  
Chemistry, PJLCP, Nagpur

Day 2



**Mr. Ramakant Yadav**

Application Specialist  
Anchrom Enterprises (I) Pvt. Ltd.

### ELIGIBILITY:

All the Students B.Pharm Final Year, M.Pharm., Ph.D. Scholars and  
Faculty

### ORGANISATION TEAM:

- **Dr. D. R. Chaple**, Convener
- **Dr. Mrs. A. J. Asnani**, Coordinator
- **Dr. D. P. Kawade**, Co-coordinator
- **Mr. S. K. Shah**, Co-coordinator
- **Mrs. S. S. Tidke**, Member
- **Ms. K. C. Tirpude**, Member
- **Ms. N. O. Mankar**, Member
- **Ms. B. K. Chauhan**, Member

Contact for more information: Mr. Datta Ravhad 7387430572



Registration code



Registration Fee  
Rs. 500/-





## Program Report

**Name of Program Conducted:** A Seminar entitled "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"

**Date:** January 6, 2024(Saturday) at 2:00 pm

**Venue:** Wing C, Seminar hall, Priyadarshini J. L. College of Pharmacy, Nagpur-16

**Relevance to PO's:** To Empower aspiring entrepreneurs with the knowledge and resources to navigate and succeed in the rapidly growing IT healthcare sector.

### Objective:

1. Equip aspiring entrepreneurs with the knowledge, skills, and resources to navigate the growing opportunities at the intersection of IT and healthcare.
2. Foster a community of innovators and leaders dedicated to revolutionizing healthcare through technology.

**Beneficiaries:** Student, Faculty and Institute.

**Program Organizing Committee:** IQAC Cell, Priyadarshini J. L. College of Pharmacy, Nagpur

### Expected Outcomes:

The seminar, "Unlocking Entrepreneurial Pathways in the Booming IT Healthcare Landscape," proved to be a catalyst for innovative ideas and strategic insights. Attendees gained a comprehensive understanding of the dynamic intersection between information technology and healthcare, discovering potential entrepreneurial opportunities within this rapidly evolving landscape. The event facilitated networking among professionals, fostering collaborations that could drive future ventures. Participants left the seminar equipped with valuable knowledge and a renewed enthusiasm for exploring entrepreneurial avenues in the flourishing IT healthcare sector.

### Attachment Needed:

1. Abstract of Hands-on training seminar
2. Seminar Flyer
3. Photographs of Events
4. Registration Details
5. Invitation and Thanks letter
6. Feedback of program

**Event Coordinators**  
Mr. A. R. Thakre

Prof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

Prof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

**Principal**  
Dr. D. R. Chaple

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.





**Abstract: Seminar entitled "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

The Seminar entitled "Unlocking entrepreneurial pathways in the booming IT healthcare landscape aimed to Empower aspiring entrepreneurs with the knowledge and resources to navigate and succeed in the rapidly growing IT healthcare sector.. The event took place at Priyadarshini J. L. College of Pharmacy, Nagpur on January 6, 2024.

Ms. V. M. Barethiya warm welcome address, expressing gratitude to all participants and guests for their presence. Saplings were offered to welcome the speakers Mr. Meher Tundulwar and Mr. Mohit Wankhede by Mr. A. R. Thakre and Ms. V. M. Barethiya respectively.

Mr. Meher Tundulwar, an expert in the fields of IT healthcare, CEO RACE Institute, led a session. Participants were guided through the practical examples, learning how to prepare oneself in this field.

Mr. Meher Tundulwar also elaborate jobs and other opportunities in the field of IT Healthcare.

Ms. Medini Mishra proposed the vote of thanks which marked the conclusion of the event. The program was organized by IQAC Cell of Institute and coordinated by Mr. A. R. Thakre. Total 95 students from B. Pharm and M. Pharm were participated in the event.

Overall, the program was a great way to equip aspiring entrepreneurs with the knowledge, skills, and resources to navigate the growing opportunities at the intersection of IT and healthcare.

**Event Coordinators**  
Mr. A. R. Thakre

Prof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

Prof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

**Principal**  
Dr. D. R. Chaple

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



## □ Explore:

- Emerging trends and unmet needs shaping the future of healthcare.
- Transformative technologies driving innovation and growth.
- Building your healthcare IT startup - roadmap to success.
- Network with fellow innovators and industry experts.

## □ Who Should Attend:

- Students and enthusiasts in the field of IT healthcare, entrepreneurship, startup (Students of B. Pharm -III & IV, M. Pharm, and PhD Scholars)

## □ Don't miss this chance to:

Fuel your entrepreneurial spirit and launch your healthcare tech venture.

## Join us for an exciting Seminar!



**EX. Prof. Meher R. Tundulwar,**  
CEO RACE Institute

- M. Pharm (Pharmacology 2006)
- CEO RACE Institute, SSB Corp-Export Import, Gold Aroma Pvt. Ltd
- 14 Years experience as Trainer, Mentor, Student Counselor for Pharma and Bsc Students
- Record of training to 1500+ students
- Record of placement for 600+ students
- Consultant for Pharma and Healthcare businessStart-up

Lokmany Tilak Jankalyan Shikshan Santha's  
**Priyadarshini J. L. College of  
Pharmacy,  
Nagpur**

Organizes  
Seminar on

"Unlocking entrepreneurial pathways in the  
booming IT healthcare landscape"



Electronic Zone Building MIDC, Higana Road,  
Nagpur 440016

Ph. No. 07104-299510, E-mail:  
[principal@pjilcp.edu.in](mailto:principal@pjilcp.edu.in)

Approved by AICTE. PCI, affiliated to  
Rashtrasanta Tukadoji Maharaj Nagpur  
University

NAAC Accredited

**PRINCIPAL**  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.

Dr. D. R. Chapple  
Principal  
PJLCP, Nagpur

Mr. A. R. Thakre  
Even Co-ordinator

Organized by  
IOAC Cell, PJLCP Nagpur

□ Date: 06 January 2024

□ Time: 02:00 Pm

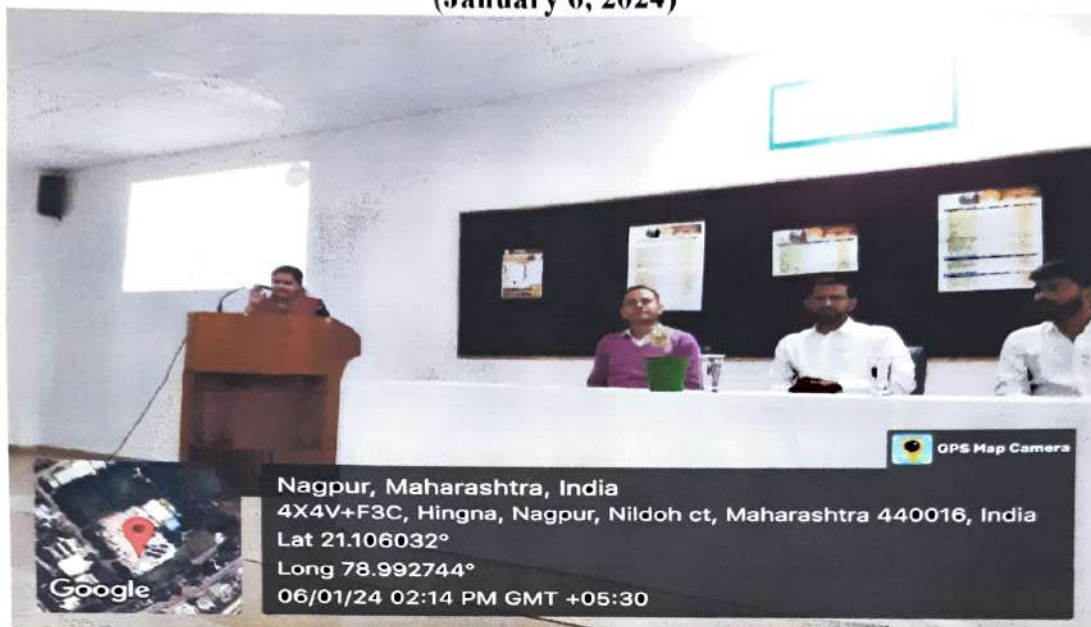
□ Venue: Seminar Hall, Wing C.  
Prof./Asso. Prof. / Asst. P. PJLCP, Nagpur  
Priyadarshini J. L. College of  
Pharmacy, Nagpur



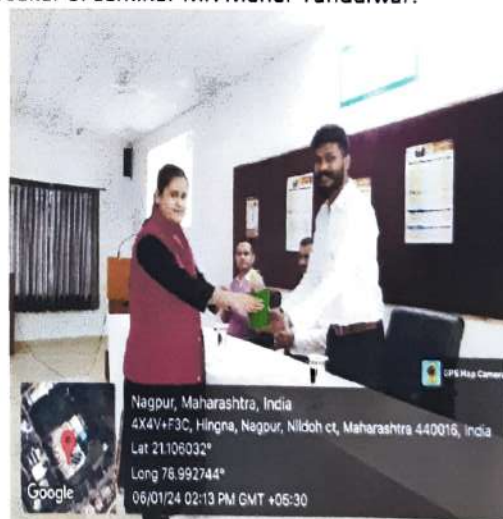


## Event Photographs:

### "Unlocking entrepreneurial pathways in the booming IT healthcare landscape" (January 6, 2024)



Ms. Varsh Barethiya warmly introduces the Speaker of seminar Mr. Meher Tundulwar.

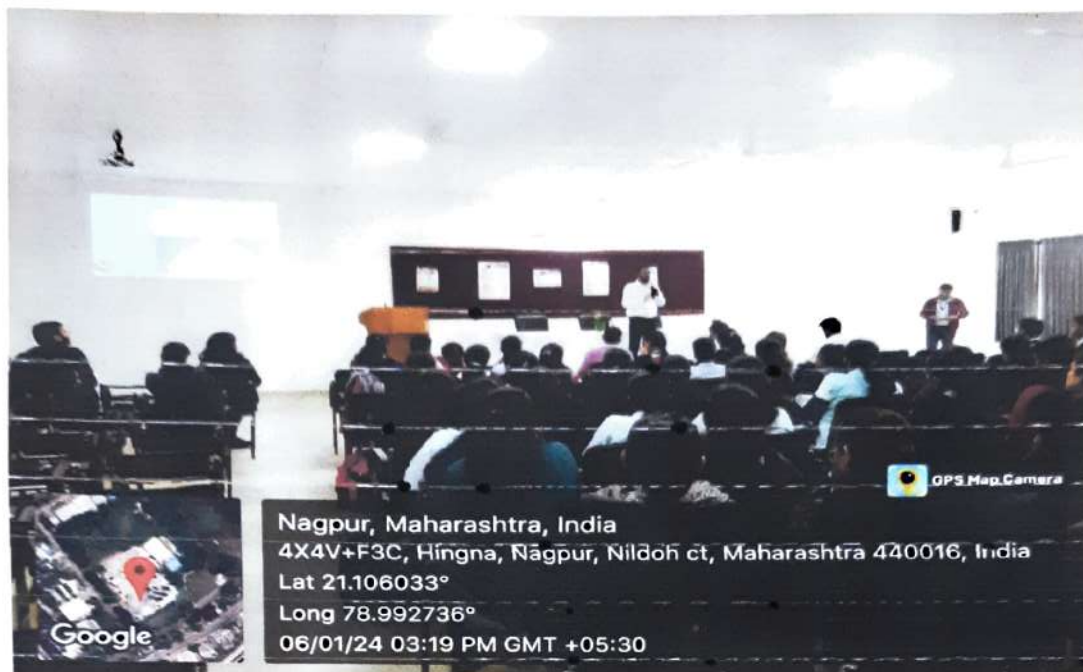


Mr. A. R. Thakre and Ms. V. M. Barethiya offer saplings to welcome the esteemed speakers Mr. Meher Tundulwar and Mr. Mohit Wankhede, symbolizing growth and collaboration.

*Signature*



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India  
Tel No. +91-7104-250610  
E-mail: principal@pjp.edu.in, ilcepnp@gmail.com • Website: www.pjp.edu.in  
Accredited with Grade A+ by NAAC  
Institute Code: DTE 4265 & RTMNU 265




Nagpur, Maharashtra, India  
4X4V+F3C, Hingna, Nagpur, Nilodh ct, Maharashtra 440016, India  
Lat 21.106033°  
Long 78.992736°  
06/01/24 03:19 PM GMT +05:30

Attendees immerse themselves in the interactive session by Mr. Meher Tundulwar and Mr. Mohit Wankhede.



Nagpur, Maharashtra, India  
4X4R+3QG, Hingna, Nagpur, Nilodh ct, Maharashtra 440016, India  
Lat 21.105293°  
Long 78.992082°  
06/01/24 04:35 PM GMT +05:30

Memorandum of Understanding (MoU) Sign between Priyadarshini J. L. College of Pharmacy, Nagpur & RACE Institute, Pune with aim to collaborative activities, training etc. between institutes.  
( From Left Dr. D. R. Chaple, Mr. Meher Tundulwar, Mr. A. R. Thakre & Mr. Mohit Wankhede

  
PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.





**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)  
Tel. & Fax No. +91-7104-232169, E-mail: jlccp\_ngp@rediffmail.com, Website: www.jlccp.net  
(Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

**EVENT PARTICIPATION: "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

**DATE:** January 6, 2024.

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
1	Qjas Bhad	Student	
2	Medini Mishra	Student	
3	Aniqua S. Sheikh.	student	
4	Sakshi N. Tapre	Student	
5	Pratiksha M. Dekate	Student	
6	Prayanka A. Deshmukh	student	
7	Harshita Singh	Student	
8	Sayali Kapre	Student	
9	Shiray Kalambe	Student	
10	Shradelha Vilce	Student	
11	Vedika Thawkar	student	
12	Apurva Kulzele	Student	
13	Ashwini Shende	Student	
14	Nisha Shahar	Student	
15	Tanushka Lokhande	Student	
16	Mrunali Akhare	Student	
17	Simran Shedame	Student	
18	Akshita Farale	Student	
19	Anshula Chafle	Student	
20	Kavita Nishua	Student	
21	Prerajakta Milnele	Student	
22	Sanya Sheikh.	Student	
23	Khushi Banode	student	
24	Aeliti Bambole	student	
25	Soumya Pandey	student	
26	Yashika Bhattad	student	
27	Ruchita Kurnenya	Student	
28	Shikha Shahu	Student	
29	Muskan Rathu	student	
30	Parvati Somani		
31	Kushal Sharma		
32	Kunal Kashyap		
33	Ritesh Gore		
34	Piyush Upadhyay		
35	Rehan Chawhan		
36	Sahil Manapure		



**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)

Tel. & Fax No. +91-7104-232169, E-mail: jlcgp\_ngp@rediffmail.com, Website: www.jlcgp.net

(Approved By AICTE & DTE, New Delhi, Affiliated to R.T.M. Nagpur University Nagpur)

**EVENT PARTICIPATION: "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

**DATE:** January 6, 2024.

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
30.	Vaishnavi Gadam	Student	V. Gadam
31.	Deepa Bisen	Student	D. Bisen
32.	Ankita Gupde	Student	A. Gupde
33.	Radhika Sapkal	Student	R. Sapkal
34.	Ektta Bhagat	Student	E. Bhagat
35.	Kajal Shetmi	Student	K. Shetmi
36.	Dimple Hanwilya	Student	D. Hanwilya
37.	Akanksha Vaidya	Student	A. Vaidya
38.	Pooja Chondiya	Student	P. Chondiya
39.	Sejal Banode	Student	S. Banode
40.	Yugali Chaudh	Student	Y. Chaudh
41.	Saisha Choudhary	Student	S. Choudhary
42.	Samista Shukla	Student	S. Shukla
43.	Anshu Gupta	Student	A. Gupta
44.	Vaishnavi D. Tembhare	Student	V. Tembhare
45.	Priyanka Rahmatkar	Student	P. Rahmatkar
46.	Shrihali P. Hedau	Student	S. Hedau
47.	Shrardha Matphane	Student	S. Matphane
48.	Sejal Dubey	Student	S. Dubey
49.	Noorie Ansari	Student	N. Ansari
50.	Shriya Bagh	Student	S. Bagh
51.	Vaibhavi Yeskar	Student	V. Yeskar
52.	Adhar Thakare	Student	A. Thakare
53.	Kunal Raggad	Student	K. Raggad
54.	Harsh Nariyane	Student	H. Nariyane
55.	Harshal Panbule	Student	H. Panbule
56.	Aditya Pise	Student	A. Pise
57.	Harshal Ghogale	Student	H. Ghogale
58.	Vishal Chafale	Student	V. Chafale
59.	Om Borkhane	Student	O. Borkhane





**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)  
Tel. & Fax No. +91-7104-232169, E-mail: jlccp\_ngp@rediffmail.com, Website: www.jlccp.net  
(Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

**EVENT PARTICIPATION: "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

**DATE:** January 6, 2024.

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
59	Manish R. Jagtap	student	
60	Shashank Daskar	Student	
61	Nikhil Tenguria	Student	
62	Jeet Pawar	Student	
63	Lakhan Goenka	Student	
64	Lokesh Balgajar	Student	
65	Vedant Charolekar	Student	
66	Rounak Hiranwar	Student	
67	Yash R. SHANU	student	
68	Pritam Thakre	student	
69	Sudhakar <del>Shinde</del> Patil	Student	
70	Dharmendra Sahu	Student	
71	Altaf Husain	Student	
72	Ani Buddha Bixami	student	
73	Abhishek Pawar	student	
74	Adil Ansari	student	
75	Ketan Jambhulkar	m. pharm	
76	Ashwin Rakechale	m. pharm	
77	Sahil Gaikwad	m. pharm	
78	Laxman Sahu	m. pharm	
79	Chetang Labariya	M. pharm	
79	Jayashree Telmasade	M. pharm	
80	Anushree Shigaonkar	M. Pharm	
81	Zaid Qureshi	B. Pharm	
82	Vishnu Anale	Student	
83	Shivan Gaur	Student	
84	Ninaj. Lohar	Student	
85	Shubash. SHAHBAZ	Student	
86	Vishal Yadav	Student	
27	Gaurav Nagesh	Student	
28	Vishal Sahu	student	
29	Nayan Shetke	student	
30	Vaibhav Turker	student	
31	Ritik Durkar	student	
32	Abhishek Bhopi	student	
33	Syed Ahetaz Ali	student	





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

## PRIYADARSHINI J. L. COLLEGE OF PHARMACY

(Formerly known as J.L. Chaturvedi College of Pharmacy)

Electronic Zone Building, MIDC, Hingna Road, Nagpur - 440 016 (M.S.) India

Tel. No.: +91 - 7104 - 299510

E-mail : principal@pjlep.edu.in, jlccpnp@gmail.com • Website: www.pjlep.edu.in

Accredited with Grade B++ by NAAC

Institute Code - DTE 4265 & RTMNU 265



Ref. PJLCP/ 2024/4680

Date: January 1, 2024

To,  
Shri Meher R. Tundulwar,  
CEO RACE Institute  
Pune, (Maharashtra)

**Subject: Invitation as Presenter Seminar on "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

Sir,

I am writing to invite you to present at the upcoming seminar, "Unlocking entrepreneurial pathways in the booming IT healthcare landscape", taking place on January 6, 2024 at 2:00 pm in our college.

This seminar aims to bring together key thought leaders, investors, and aspiring entrepreneurs to explore the exciting opportunities emerging at the intersection of IT and healthcare. Your expertise in Consultant for Pharma and Healthcare business Start-up will be invaluable to our audience, as you share insights on entrepreneurial development in IT Health care field. This will provide valuable guidance to individuals seeking to navigate the entrepreneurial landscape in this dynamic field.

To confirm your participation and discuss further details, please contact Event coordinator Mr. A R. Thakre, Assistant Professor of our college.

**Event Details:**

Date: January 06, 2023

Time: 02:00 pm

Venue: Seminar Hall, Wing C, Priyadarshini J. L. College of Pharmacy, Nagpur.

Kindly confirm your availability and participation. We greatly value your contributions to the scientific community and would be truly honored to have you share your expertise with us. We eagerly await your positive response.

Thank you for considering our invitation.

Sincerely,

**Dr. D. R. Chaple**  
Principal  
PRINCIPAL

Priyadarshini J. L. College of  
Pharmacy, Nagpur.

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

## PRIYADARSHINI J. L. COLLEGE OF PHARMACY

(Formerly known as J.L. Chaturvedi College of Pharmacy)

Electronic Zone Building, MIDC, Hingna Road, Nagpur - 440 016 (M.S.) India

Tel. No.: +91 - 7104 - 299510

E-mail : principal@pjlep.edu.in, jlccpnpg@gmail.com • Website: www.pjlep.edu.in

Accredited with Grade B++ by NAAC

Institute Code - DTE: 4265 & RTMNU 265



Ref. PJLCP/ 2024/ 4681

Date: January 6, 2024

To,  
Shri Meher R. Tundulwar,  
CEO RACE Institute  
Pune, (Maharashtra)

**Subject: Thank You for Your Contribution to Seminar on "Unlocking entrepreneurial pathways in the booming IT healthcare landscape"**

Sir,

On behalf of Priyadarshini J. L. College of Pharmacy, Nagpur, I want to extend our sincere gratitude for your invaluable contribution as a Presenter at our recent seminar held on January 6, 2024.

Your expertise and passion significantly enriched the conversation and empowered attendees to - explore new opportunities, navigate challenges, etc.

We are incredibly grateful for your time and dedication, and we look forward to future collaborations.

Thanking you,

Yours faithfully,

**Dr. D. R. Chaple  
Principal**

**PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.**

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA


Lokmanya Tilak Bhavan, Laxmi Nagar, Nagpur - 440 022, Maharashtra, INDIA. Tel : +91-712-2230665, 2245121, Fax No. : +91-712-2221430. Website : www.ltjss.net

LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA  
**Priyadarshini J. L. College of Pharmacy**

**NOTICE**

All the students of B. Pharm III & IV, M. Pharm and teaching staff are hereby informed that a guest lecture on the topic **“Unlocking entrepreneurial pathways in the booming IT healthcare landscape”** by **Mr. Meher R. Tundulwar** has been arranged on 06/01/2024 at 02:00 pm in the seminar hall (Wing-C). All should remain present for the same.

**Date – 04.01.2024**

  
**(Dr. D. R. Chaple)**  
PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



## Feedback form for One day Seminar on "Unlocking entrepreneurial pathways in the blooming IT healthcare landscape" organised by Priyadarshini J.L. College of Pharmacy, Nagpur on dated: 06/01/2024

Please submit feedback regarding the workshop you have just completed, including feedback on course structure, content, and instructor.

\* Indicates required question

1. Email \*

\_\_\_\_\_

2. 1. Registered E-mail Id \*

\_\_\_\_\_

3. 2. Name of the participant \*

\_\_\_\_\_

4. 3. Name of college/Institute/Organisation/Company \*

\_\_\_\_\_

5. 4. Category \*

Mark only one oval.

☐ UG/PG Student

☐ Ph.D Research Scholar

☐ Faculty

6. 5. Registered Contact number \*

\_\_\_\_\_

## 7. 6. Feedback for the session of Prof. Meher R. Tundulwar \*

	Strongly agree	Agree	Neutral	Disagree
Very effective	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clear and organized Presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stimulated student's interest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effective time management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Helpful and beneficial session	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 8. 10. Content of seminar \*

	Strongly agree	Agree	Neutral	Disagree
Learning objectives were clear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course content was organized and well planned	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course workload was appropriate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course organized to allow all students to participate fully	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



9. 11. Overall rating for the seminar \*

*Mark only one oval per row*

	Very good	Good	Satisfactory
Lectures contents as per the theme	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall arrangements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. 12. Why did you attend this workshop? \*

*Mark only one oval.*

- ☐ Professional requirement
- ☐ Recommended by friend/ colleague
- ☐ Personal Interest

11. 13. Any other suggestions \*

---

---

---

---

---

This content is neither created nor endorsed by Google.

Google Forms

31





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No. : +91-7104 - 299510

E-mail: principal@pilcp.edu.in, ilccpnp@gmail.com • Website: www. pilcp.edu.in

Accredited with Grade A+ by NAAC

Institute Code: DTE 4265 & RTMNU 265



## Program Report

**Name of the Program Conducted:** One day demonstrative workshop on topic entitled 'One day workshop on Laboratory techniques & software in experimental pharmacology'

**Date:** 04/01/2024

**Venue:** Seminar Hall and pharmacology department Priyadarshini J.L. College of pharmacy, Nagpur.

**Relevance to PO's:** To enrich the students with knowledge of CCSEA guidelines and OECD toxicity guidelines.

**Objective:**

- 1) To develop understanding the importance of animal studies.
- 2) To develop the skill for handling of animals and techniques of route of administration and blood withdrawal.
- 3) To learn the dose calculation and toxicity study.

**Beneficiary:** Students, faculty, institute.

**Program Organizing Committee:** Pharmacology Department

Dr. S. A. Deshpande, Professor

**Outcome:**

Provide awareness about animal welfare by understanding the CCSEA and OECD guidelines. Students have understood animal handling, various techniques of routes of administration and blood withdrawal. Students aware about a toxicity software and technique of handling.

**Attachment needed:**

- 1) Notice for circulation
- 2) Attendance record of students

Teacher In Charge

(Dr. Shilpa Deshpande)

Principal

**PRINCIPAL**  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



LOKMANYA TILAK JAINKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No. +91-7104 - 299510

E-mail: principal@pjcp.edu.in, ilccpnpg@gmail.com • Website: www.pjcp.edu.in

Accredited with Grade A+ by NAAC

Institute Code: DTE 4265 & RTMNU 265



## Report

### Aim: One day workshop on Laboratory techniques and softwares in Experimental Pharmacology

One day workshop on Laboratory techniques and softwares in Experimental Pharmacology was organised by Priyadarshini J.L. College of Pharmacy under the banner of Research and development cell, IQAC and IIC cell on dated 04/01/2024. The workshop was beneficial for the research students for their understanding the importance of animal studies. In the workshop, total 39 participants were registered including M.Ph students and Ph.D. scholars. The workshop was inaugurated at the hands of Principal of the Priyadarshini J.L. College of Pharmacy Dr. D. R. Chaple. The first session was conducted by Dr. S. A. Deshpande, Head of Department of Pharmacology on CCSEA guidelines and OECD toxicity guidelines. The second session was conducted by Mr. P. N. Amale, Assistant Professor, and Department of Pharmacology. He had covered the topic dose calculation and software of statistics and Protox II. Mr. Prashant Amale, Mrs. Shweta Rathod and Mrs. Roshani Deshkar conducted the demonstrations of animal handling, blood withdrawal and routes of administration. Ms. Ragini Dani, Assistant Professor, and Department of Pharmacology conducted the preceding's of the program. The valedictory function was initiated in the presence of Chief guest Dr. K. P. Upadhye, Head of Pharmaceutics department, Priyadarshini J.L. College of Pharmacy, Nagpur. Participants had enthusiastically participated in the program and shared their valuable feedback at the valedictory function. The certificate of participation was presented to the participants with the hands of Dr. Upadhye Mam. Ms. Varsha Barethiya, Assistant professor and Ph.D. Research scholar, proposed the vote of thanks.

#### Session 1: by Dr. S.A.Deshpande



*DR*

**PRINCIPAL**  
**Priyadarshini J. L. College of**  
**Pharmacy, Nagpur.**





# LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S PRIYADARSHINI J. L. COLLEGE OF PHARMACY

(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)  
Tel. No. +91-7104-299510, E-mail: principal@pilcp.edu.in, ilcpnag@gmail.com Website: www.pilcp.edu.in  
(Approved By AICTE & DTE, New Delhi; Affiliated to R.T.M. Nagpur University Nagpur)

**ACCREDITED WITH GRADE A+ BY NAAC**

Institute code- DTE: 4265; RTMNU: 265

## ONE DAY WORKSHOP ON LABORATORY TECHNIQUES AND SOFTWARES IN EXPERIMENTAL PHARMACOLOGY, organised under the banner of IQAC, R and D Cell and IIC

Sr. No	Salutation	Name	Category	Department
<b>'A' Batch</b>				
1.	Ms.	SHWETA VINAYAK RANE	M. Ph final Student	Pharmaceutical Chemistry
2.	Ms.	SHUBHANGI HARISHCHANDRA BHOWATE	M. Ph final Student	Pharmaceutical Chemistry
3.	Ms.	PRIYANKA BABAN KHEDEKAR	M. Ph final Student	Pharmaceutical Chemistry
4.	Ms.	NAMRATA DEVIDAS DHOTE	M. Ph final Student	Pharmaceutical Chemistry
5.	Mr.	SWAPNIL SANTOSHRAO TIRMANWAR	M. Ph final Student	Pharmacognosy
6.	Ms.	POOJA SUBHASH TARAHANE	M. Ph final Student	Pharmacognosy
7.	Ms.	ANUSHREE VIJAY SHEGAONKAR	M. Ph final Student	Pharmacognosy
8.	Mr.	ABDUL REHMAT ABDUL WAHAB ANSARI	M. Ph final Student	Pharmacology
9.	Mr.	AKSHAY DILIP BIDWAIK	M. Ph final Student	Pharmacology
10.	Mr.	BINAYAK KRISHNA SARKAR	M. Ph final Student	Pharmacology
11.	Ms.	VARSHA BARETHIYA	PhD Scholar	Pharmacology
12.	Ms.	PRITI SHRIRAMJI BHOYAR	PhD Scholar	Pharmacology
<b>'B' Batch</b>				
1.	Ms.	PRANITA ISHWAR RATHOD	M. Ph final Student	Pharmaceutical Chemistry
2.	Ms.	DHANSHREE RAMESH BAWANE	M. Ph final Student	Pharmaceutical Chemistry
3.	Ms.	ANQUA TAJASSUM SHEIKH	M. Ph final Student	Pharmaceutical Chemistry
4.	Mr.	ASHWIN UMESH RAHANGADALE	M. Ph final Student	Pharmaceutical Chemistry
5.	Ms.	PUJA RAVINDRA NAGARKAR	M. Ph final Student	Pharmacognosy
6.	Mr.	SHADAB RAZA	M. Ph final Student	Pharmacognosy
7.	Ms.	RUTUJA NARENDRA BHADANGE	M. Ph final Student	Pharmacognosy
8.	Ms.	JAGRUTI ZASHIRAM THAWARE	M. Ph final Student	Pharmacology
9.	Mr.	MAYUR ASHOK LOHI	M. Ph final Student	Pharmacology
10.	Mr.	PRABHU RAMCHANDRA SALEKAR	M. Ph final Student	Pharmacology
11.	Ms.	JAYSHREE V. PATIL	PhD Scholar	Pharmacology
12.	Ms.	NEHA NARENDRA DANDEWAR	PhD Scholar	Pharmacology
<b>'C' Batch</b>				
1.	Mr.	DATTA MADHAVRAO AVHAD	PhD Scholar	Pharmaceutical Chemistry
2.	Ms.	VAISHNAVI SHRIWANTA BHURE	M. Ph final Student	Pharmaceutical Chemistry
3.	Ms.	AISHWARYA VISHWANATH LICHADDE	M. Ph final Student	Pharmaceutical Chemistry
4.	Mr.	ANIKET VINOD MURKUTE	M. Ph final Student	Pharmaceutical Chemistry
5.	Ms.	SAKSHI SITARAMJI KAMDE	M. Ph final Student	Pharmacognosy
6.	Mrs.	SHABNAM SAHER	PhD Scholar	Pharmacognosy
7.	Ms.	JAYASHRI BHUMESHWAR TELMASARE	M. Ph final Student	Pharmacognosy
8.	Ms.	CHETANA LAHARIYA	M. Ph final Student	Pharmacognosy
9.	Ms.	SAMIKSHA DNYANESHWAR AJMIRE	M. Ph final Student	Pharmacology
10.	Mr.	SATISH VILAS MISAR	M. Ph final Student	Pharmacology
11.	Ms.	SAYALI VINOD KURJEKAR	M. Ph final Student	Pharmacology
12.	Ms.	SHREYA BHUJANGRAO PATHARE	M. Ph final Student	Pharmacology
13.	Ms.	POOJA VILASRAO RAUT	Faculty	Pharmacology

Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini J. L. College of Pharmacy, Nagpur**  
Electronic Zone, MIDC, Hingna Road, Nagpur -16

**ONE DAY WORKSHOP ON**  
**'Laboratory techniques & software in experimental Pharmacology'**  
Under the banner of IQAC, R and D cell and Institute Innovation Council (IIC)

**Program schedule -**

Date	Timing	Events
4 <sup>th</sup> Jan 2024	10:00 am To 10:30 am	Inauguration
	10:30 am To 1:30 pm	Session by Dr. Shilpa Deshpande, Mr. Prashant Amale
	1:30 pm To 2:00pm	Refreshment/tea
	2:00 pm To 4:30 pm	Demonstration of animal experimentation
	4:30 pm To 5:00 pm	Valedictory function

  
**Dr. Shilpa Deshpande**  
Coordinator  
HOD, Department of pharmacology



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini J. L. College of Pharmacy, Nagpur**  
Electronic Zone, MIDC, Hingna Road, Nagpur -16

**ONE DAY WORKSHOP ON**  
**'Laboratory techniques & software in experimental Pharmacology'**  
Under the banner of IQAC, R and D cell and Institute Innovation Council (IIC)

**Batchwise schedule for demonstrations -**

Date	Timing	Animal Handling	Routes of drug administration	Blood withdrawal
Lab		001	003	004
4 <sup>th</sup> Jan 2024	2:00 am To 2:45 am	A	B	C
	2:45 am To 3:30 pm	B	C	A
	3:30 pm To 4:15pm	C	A	B

  
**Dr. Shilpa Deshpande**  
Coordinator  
HOD, Department of pharmacology



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

**Priyadarshini J. L. College of Pharmacy**

(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)

Tel. & Fax No. +91-7104-299510, E-mail: [jlccp\\_ngp@rediffmail.com](mailto:jlccp_ngp@rediffmail.com), Website: [www.pjlcp.edu.in](http://www.pjlcp.edu.in)

**NAAC A+ ACCREDITED**

## **NOTICE**

All M Pharm final year students, Ph. D. scholars and faculty members are hereby informed that 'One day workshop on Laboratory techniques & software in experimental pharmacology' is being organized by Department of Pharmacology under the banner of IQAC, R and D cell and Institute Innovation Council (IIC) on 04/01/2024 at 10:00 am in Pharmacology department. The interested students & faculty members are requested to register through attached google form on or before 01/01/2024.

The registration fee is Rs.100/- (Including refreshment, tea, kit & certificate)

**Note:** - The workshop is compulsory for those whose research work includes animal experimentation.

Date: 30/12/2023

  
30/12/2023

Dr. Shilpa A. Deshpande  
Coordinator

HOD, Pharmacology Department

**Prof./Asso. Prof. / Asst.Prof**  
**Priyadarshini J.L. College of**  
**Pharmacy, Nagpur**

  
30/12/23

Dr. D. R. Chaple  
Convenor  
Principal

**PRINCIPAL**  
**Priyadarshini J. L. College of**  
**Pharmacy, Nagpur.**



Lokmanya Tilak Jankalyan Shikshan Sanstha's  
**Priyadarshini J. L. College of Pharmacy, Nagpur**  
Electronic Zone, MIDC, Hingna Road, Nagpur -16

**ONE DAY WORKSHOP ON**

**'Laboratory techniques & software in experimental Pharmacology'**

Under the banner of IQAC, R and D cell and Institute Innovation Council (IIC)

**Program schedule -**

Date	Timing	Events
4 <sup>th</sup> Jan 2024	10:00 am To 10:30 am	Inauguration
	10:30 am To 1:00 pm	Session by Dr. Shilpa Deshpande, Mr. Prashant Amale
	1:00 pm To 2:00pm	Refreshment/tea
	2:00 pm To 4:30 pm	Demonstration of animal experimentation
	4:30 pm To 5:00 pm	Valedictory function

*Dr. Shilpa Deshpande*  
30/12/23

**Dr. Shilpa Deshpande**  
Coordinator  
HOD, Department of pharmacology  
**Prof./Asso. Prof. / Asst.Prof**  
**Priyadarshini J.L. College of**  
**Pharmacy, Nagpur**



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY  
(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India  
Tel. No.: +91-7104 - 299510  
E-mail: principal@pjlc.edu.in, ilcnpnp@gmail.com  
Website: www.pjlc.edu.in  
Accredited with Grade A+ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



**ONE DAY WORKSHOP ON LABORATORY TECHNIQUES AND SOFTWARES IN EXPERIMENTAL PHARMACOLOGY.**

**Organized By Pharmacology Department**

**04/01/2024**

**ATTENDANCE SHEET**

*Certificate Issue*

SR. NO	NAME (First name, Middle name, Surname) in CAPITAL letters	CATEGORY	DEPARTMENT	SIGNATURE
1	SHWETA VINAYAK RANE	M. Ph final Student	Pharmaceutical Chemistry	<i>Received</i>
2	SHUBHANGI HARISHCHANDRA BHOWATE	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
3	PRIYANKA BABAN KHEDEKAR	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
4	NAMRATA DEVIDAS DHOTE	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
5	PRANITA ISHWAR RATHOD	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
6	DHANSHREE RAMESH BAWANE	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
7	ANIQUEA TAJASSUM SHEIKH	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
8	ASHWIN UMESH RAHANGADALE	M. Ph final Student	Pharmaceutical Chemistry	<i>[Signature]</i>
9	SWAPNIL SANTOSHRao TIRMANWAR	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
10	POOJA SUBHASH TARAHANE	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
11	ANUSHREE VIJAY SHEGAONKAR	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
12	PUJA RAVINDRA NAGARKAR	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
13	SHADAB RAZA	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
14	RUTUJA NARENDRA BHADANGE	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>
15	SAKSHI SITARAMJI KAMDE	M. Ph final Student	Pharmacognosy	<i>[Signature]</i>

*[Signature]*  
PRINCIPAL  
Priyadarshini J. L. College of Pharmacy, Nagpur.

16	SHABNAM SAHER	PhD Scholar	Pharmacognosy	Received
17	JAYASHRI BHUMESHWAR TELMASARE	M. Ph final Student	Pharmacognosy	<del>Received</del>
18	ABDUL REHMAT ABDUL WAHAB ANSARI	M. Ph final Student	Pharmacology	Received
19	BINAYAK KRISHNA SARKAR	M. Ph final Student	Pharmacology	B.V. Sarkar
20	SAYALI VINOD KURJEKAR	M. Ph final Student	Pharmacology	Syali
21	SHREYA BHUJANGRAO PATHARE	M. Ph final Student	Pharmacology	Shreya
22	AKSHAY DILIP BIDWAIK	M. Ph final Student	Pharmacology	Akshay
23	JAGRUTI ZASHIRAM THAWARE	M. Ph final Student	Pharmacology	Jagruti
24	SAMIKSHA DNYANESHWAR AJMIRE	M. Ph final Student	Pharmacology	Samiksha
25	VARSHA BARETHIYA	PhD Scholar	Pharmacology	Varsha
26	PRITI SHRIRAMJI BHOYAR	PhD Scholar	Pharmacology	Received
27	JAYSHREE V. PATIL	PhD Scholar	Pharmacology	Received
28	SATISH VILAS MISAR	M. Ph final Student	Pharmacology	Satish
29	MAYUR ASHOK LOHI	M. Ph final Student	Pharmacology	Mayur
30	NEHA NARENDRA DANDEWAR	PhD Scholar	Pharmacology	Received
31	PRABHU RAMCHANDRA SALEKAR	M. Ph final Student	Pharmacology	Prabhu
32	DATTA MADHAVRAO AVHAD	PhD Scholar	Pharmaceutical Chemistry	Datta
33	VAISHANAVI SHRIWANTA BHURE	M. Ph final Student	Pharmaceutical Chemistry	Varsha
34	AISHWARYA VISHWANATH LICHADÉ	M. Ph final Student	Pharmaceutical Chemistry	Aishwarya
35	ANIKET VINOD MURKUTE	M. Ph final Student	Pharmaceutical Chemistry	Aniket
36	CHETANA LAHARIYA	M. Ph final Student	Pharmacognosy	Chetana
37	POOJA VILASRAO RAUT	Faculty	Pharmacology	—

38 Ketan Jambhulkar  
39 Sahil Dilip Chavakund.

Co-Ordinator

Dr. Mrs. S.A. Deshpande  
HOD, Pharmacology Department

Dr. D. R. Chaple  
Convener  
Principal

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY  
(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MiDC, Hingna Road, Nagpur-440016 (M.S.) India  
Tel. No.: +91-7104 – 299510  
E-mail: principal@pjlc.edu.in, ilccpnpgp@gmail.com  
Website: www.pjlc.edu.in  
Accredited with Grade A+ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



**ONE DAY WORKSHOP ON LABORATORY TECHNIQUES AND SOFTWARES IN EXPERIMENTAL PHARMACOLOGY,**  
**Organized By Pharmacology Department**  
**04/01/2024**

**ATTENDANCE SHEET**

SR. NO	NAME (First name, Middle name, Surname) in CAPITAL letters	CATEGORY	DEPARTMENT	SIGNATURE
1	SHWETA VINAYAK RANE	M. Ph final Student	Pharmaceutical Chemistry	
2	SHUBHANGI HARISHCHANDRA BHOWATE	M. Ph final Student	Pharmaceutical Chemistry	
3	PRIYANKA BABAN KHEDEKAR	M. Ph final Student	Pharmaceutical Chemistry	
4	NAMRATA DEVIDAS DHOTE	M. Ph final Student	Pharmaceutical Chemistry	
5	PRANITA ISHWAR RATHOD	M. Ph final Student	Pharmaceutical Chemistry	
6	DHANSHREE RAMESH BAWANE	M. Ph final Student	Pharmaceutical Chemistry	
7	ANIQUEA TAJASSUM SHEIKH	M. Ph final Student	Pharmaceutical Chemistry	
8	ASHWIN UMESH RAHANGADALE	M. Ph final Student	Pharmaceutical Chemistry	
9	SWAPNIL SANTOSHRAO TIRMANWAR	M. Ph final Student	Pharmacognosy	
10	POOJA SUBHASH TARAHANE	M. Ph final Student	Pharmacognosy	
11	ANUSHREE VIJAY SHEGAONKAR	M. Ph final Student	Pharmacognosy	
12	PUJA RAVINDRA NAGARKAR	M. Ph final Student	Pharmacognosy	
13	SHADAB RAZA	M. Ph final Student	Pharmacognosy	
14	RUTUJA NARENDRA BHADANGE	M. Ph final Student	Pharmacognosy	
15	SAKSHI SITARAMJI KAMDE	M. Ph final Student	Pharmacognosy	

**PRINCIPAL**  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.

	SHABNAM SAHER <i>AB</i>	PhD Scholar	Pharmacognosy	
17	JAYASHRI BHUMESHWAR TELMASARE	M. Ph final Student	Pharmacognosy	<i>Telmasare</i>
18	ABDUL REHMAT ABDUL WAHAB ANSARI	M. Ph final Student	Pharmacology	<i>Rehmat</i>
19	BINAYAK KRISHNA SARKAR	M. Ph final Student	Pharmacology	<i>Bin. Sarkar</i>
20	SAYALI VINOD KURJEKAR	M. Ph final Student	Pharmacology	<i>Sayali</i>
21	SHREYA BHUJANGRAO PATHARE	M. Ph final Student	Pharmacology	<i>Shreya</i>
22	AKSHAY DILIP BIDWAIK	M. Ph final Student	Pharmacology	<i>Akshay</i>
23	JAGRUTI ZASHIRAM THAWARE	M. Ph final Student	Pharmacology	<i>Jagruti</i>
24	SAMIKSHA DNYANESHWAR AJMIRE	M. Ph final Student	Pharmacology	<i>Samiksha</i>
25	VARSHA BARETHIYA	PhD Scholar	Pharmacology	
26	PRITI SHRIRAMJI BHOYAR	PhD Scholar	Pharmacology	<i>Shoyas</i>
27	JAYSHREE V. PATIL	PhD Scholar	Pharmacology	<i>Patil</i>
28	SATISH VILAS MISAR	M. Ph final Student	Pharmacology	<i>Satish</i>
29	MAYUR ASHOK LOHI	M. Ph final Student	Pharmacology	<i>Mayur</i>
30	NEHA NARENDRA DANDEWAR	PhD Scholar	Pharmacology	<i>Neha</i>
31	PRABHU RAMCHANDRA SALEKAR	M. Ph final Student	Pharmacology	<i>Prabhu</i>
32	DATTA MADHAVRAO AVHAD	PhD Scholar	Pharmaceutical Chemistry	<i>Datta</i>
33	VAISHANAVI SHRIWANTA BHURE	M. Ph final Student	Pharmaceutical Chemistry	<i>Bhure</i>
34	AISHWARYA VISHWANATH LICHADDE	M. Ph final Student	Pharmaceutical Chemistry	<i>Aishwarya</i>
35	ANIKET VINOD MURKUTE	M. Ph final Student	Pharmaceutical Chemistry	<i>Aniket</i>
36	CHETANA LAHARIYA	M. Ph final Student	Pharmacognosy	<i>Chetana</i>
37	POOJA VILASRAO RAUT	Faculty <i>AB</i>	Pharmacology	—
38	<i>Sahi</i>	M. Ph final Student	P. Chemistry	<i>Sahi</i>
39	<i>Ketan</i>	—	P. (ev. 12)	<i>Ketan</i>

Co-Ordinator  
Dr. Mrs. S.A. Deshpande  
HOD, Pharmacology Department

Convener  
Dr. D. R. Chaple  
Principal





**One Day Workshop on Laboratory Techniques and Softwares in Experimental  
Pharmacology**

DT: 04/01/2024







LOKMANYATILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No. +91 7104 - 299510

E-mail: [principal@pjlc.edu.in](mailto:principal@pjlc.edu.in) • [ilcnpn@gmail.com](mailto:ilcnpn@gmail.com) • Website: [www.pjlc.edu.in](http://www.pjlc.edu.in)

Accredited with Grade B++ by NAAC

Institute Code: DTE 4265 & RTMNU 265





## Program Report

**Name of Program Conducted:** A Seminar entitled "Hands on Training seminar on Gel Electrophoresis"

**Date:** 22 August 2023 (Tuesday)

**Venue:** Fourth Floor Seminar hall, Priyadarshini J. L. College of Pharmacy, Nagpur-16

**Relevance to PO's:** To enhance practical laboratory skills in molecular biology techniques, to apply theoretical knowledge to real-world scenarios, and Develop confidence in handling scientific equipment.

### Objective:

1. Provide practical experience in performing gel electrophoresis.
2. Enhance participants' understanding of molecular biology techniques.
3. Learn proper gel preparation, sample loading, and result interpretation.
4. Promote hands-on learning in a scientific context.

**Beneficiaries:** Student, Faculty and Institute.

**Program Organizing Committee:** Department of Pharmaceutics and Pharmacognosy

### Expected Outcomes:

Participants will gain hands-on experience, improving their proficiency in gel electrophoresis techniques, develop a better understanding of the principles and applications of gel electrophoresis, will be better equipped to conduct research involving molecular separation and analysis, will learn to troubleshoot issues and interpret results more confidently. Participants can apply their acquired skills to real-world research scenarios, will have opportunities to connect with peers and experts in the field, educational experience will be enriched with practical skills.

### Attachment Needed:

1. Abstract of Hands-on training seminar
2. Seminar Flyer
3. Photographs of Events
4. Registration Details
5. Invitation and Thanks letter
6. Quiz results
7. Feedback of program

  
**Event Coordinators**

Mr. A. R. Thakre & Mrs. S. G. Gurunani

**Prof./Asso. Prof. / Asst. Prof**  
**Priyadarshini J.L. College of**  
**Pharmacy, Nagpur**

  
**Principal**

Dr. D. R. Chaple

**PRINCIPAL**  
**Priyadarshini J. L. College of**  
**Pharmacy, Nagpur.**





## **Abstract: Hands-On Training on Gel Electrophoresis Program**

The "Hands-On Training on Gel Electrophoresis" program aimed to provide practical knowledge about the technique of gel electrophoresis, an important method in molecular biology. The event took place at Priyadarshini J. L. College of Pharmacy, Nagpur on August 22, 2023. The main goal was to help participants understand gel electrophoresis and its use in molecular biology techniques.

The event began with Mr. A. R. Thakre introducing the guest and talking about the importance of hands-on learning. Then the Principal of the institution delivered a warm welcome address, expressing gratitude to all participants and guests for their presence. The principal acknowledged the value of practical learning experiences and encouraged participants to make the most of the training. Saplings were offered to welcome the chief guest Dr. S. K. Singh & Expert Dr. Sunil Kokane by Dr. D. R. Chaple and Dr. Mrs. A. J. Asnani respectively. The event Conveyor Dr. D. R. Chaple, principal PJLCP, Dr. Mrs. A. J. Asnani and Mrs. S. G. Gununani were welcomed by offering saplings.

Dr. Sunil Kokane, an expert in the fields of molecular biology from Hi-media, Mumbai, led a hands-on training session. Participants were guided through the practical aspects of gel electrophoresis, learning how to prepare gels, load samples, and interpret results. The interactive session allowed participants to gain firsthand experience.

A quiz about gel electrophoresis tested what participants had learned. It was a chance for everyone to show their knowledge and have some friendly competition.

Dr. Kokane also showed how Polymerase Chain Reaction (PCR) works. This is a more advanced technique in molecular biology. It helps make amplified copies of DNA.

The valedictory function marked the conclusion of the event. The winners of the quiz got prizes. Tanmay Gotmare was first, Gourav Nagpure was second, and Akshat Arora was third. The chief guests, Dr. S. K. Singh and Dr. Sunil Kokane were honored with tokens of appreciation presented by Dr. Mrs. A. J. Asnani and Mrs. S. G. Gurunani respectively.

The program was organized by Mr. A. R. Thakre and Mrs. S. G. Gurunani, who made sure everything, ran smoothly.

Overall, the program was a great way to learn about gel electrophoresis and its role in molecular biology techniques.


**Event Coordinators**

Mr. A. R. Thakre & Mrs. S. G. Gurunani





**Principal**

Dr. D. R. Chaple

**PRINCIPAL**  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



## Topics Covered:

- Different types of gel electrophoresis
- Sample preparation and loading techniques
- Running electrophoresis and understanding migration patterns
- Staining and visualization methods
- Trouble identification and resolution

## Who Should Attend:

- Students and enthusiasts in the field of molecular biology (B. Pharm –III, M.Pharm, and PhD Scholars)
- Researchers, faculty seeking practical skills enhancement

## Event Highlights:

**Workshop Overview:** Discover the fundamental principles and techniques of gel electrophoresis, a crucial method for separating and analyzing DNA, RNA, and proteins. Gain insights into its applications in research, diagnostics, and more.

**Hands-On Experience:** Get your lab coat ready! Participate in interactive hands-on sessions where you will learn how to prepare gels, load samples, and run electrophoresis experiments. Gain confidence in handling equipment and interpreting results.

## Expert Guidance:

Learn from experienced instructors who will guide you through each step, providing valuable tips, troubleshooting insights, and best practices. They're here to answer your questions and ensure you make the most of this learning opportunity.

## Join us for an exciting Hands-On Training Seminar on Gel Electrophoresis!



Chief Guest  
Mr. Sanjay Singh  
ASM Himedia,  
Nagpur

*"Empowering Scientists Through Practical Learning"*



Presenter  
Dr. Sunil Kokane,  
Molecular Biology Product  
Specialist, Himedia

Dr. D. R. Chaple  
Convenor,  
Principal PJLCP, Nagpur

Mr. A. R. Thakre & Mrs. S. G. Gurunani  
Co-ordinators  
Organized by  
(Dept. of Pharmaceutics & Pharmacognosy)

Don't miss out on this opportunity to delve into the world of gel electrophoresis through hands-on learning. Expand your skill set, meet like-minded individuals, and take a step closer to mastering

**CLICK HERE FOR REGISTRATION:**

<https://forms.gle/G4siVMUcHydPdYAr6>

Lokmany Tilak Jankalyan Shikshan Santha's  
Priyadarshini J. L. College of

Pharmacy  
*In collaboration with*

Himedia  
Organizes

"Hands on Training seminar on  
Gel Electrophoresis"  
22 August 2023



Electronic Zone Building MDC, Higana Road,  
Nagpur 440016

Ph. No. 07104-299510, E-mail:  
[principal@pjlcp.edu.in](mailto:principal@pjlcp.edu.in)

Approved by AICTE. PCI, affiliated to  
Rashtrasanta Tukadoji Maharaj Nagpur  
University

NAAC Accredited

Lokmany Tilak Jankalyan Shikshan Santha's  
**Priyadarshini J. L. College of Pharmacy**  
*In collaboration with*


**Himedia**  
Organizes

**"Hands on Training seminar on Gel Electrophoresis"**

**22 August 2023**

**Programme Schedule**

Date	Time	Event
22/08/2023	10:45am	Registration
	11:00 am	Inauguration
	11:15 am	Seminar and plenary Session
	12:30 pm to 2:00 pm	Hands on Training on Gel Electrophoresis
	2:30pm	Valedictory Function

  
Mr. A. R. Thakre & Mrs. S. G. Gurunani  
(Dept. of Pharmaceutics & Pharmacognosy)  
Co-ordinators

**Prof./Asso. Prof. / Asst. Prof.**  
**Priyadarshini J.L. College of**  
**Pharmacy, Nagpur**





## Event Photographs: Hands-On Training on Gel Electrophoresis Program (August 22, 2023)



Mr. A. R. Thakre warmly introduces the event, setting the stage for a day of hands-on learning.



The principal Dr. D. R. Chaple addresses the participants, welcoming them to the training and highlighting the significance of practical education.

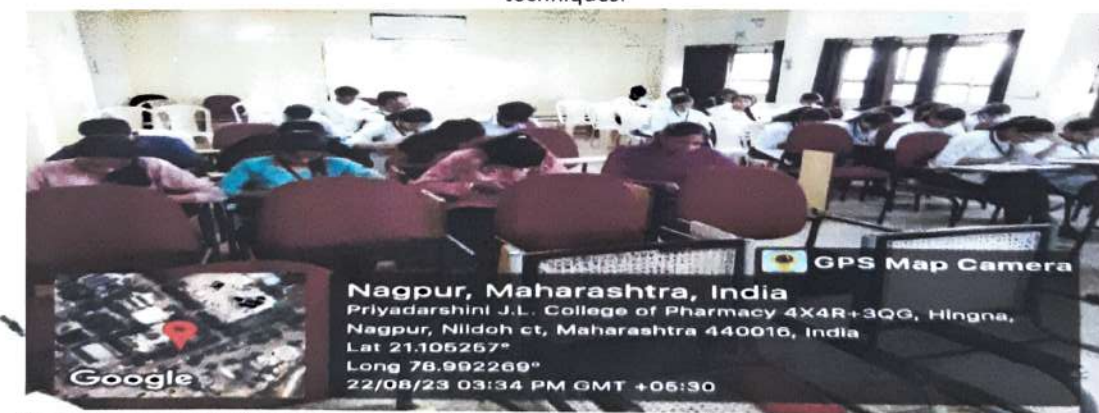




Dr. D. R. Chaple and Dr. A. J. Asnani offer saplings to welcome the esteemed guest Dr. S. K. Singh and Expert Dr. Sunil Kokane, symbolizing growth and collaboration.



Participants actively engage in hands-on training guided by Dr. Sunil Kokane, learning gel electrophoresis techniques.



Attendees immerse themselves in the quiz competition, testing their knowledge on Gel electrophoresis and PCR concepts.





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No. +91-7104 - 299510

E-mail: principal@pjcp.edu.in, ilocpnpg@gmail.com • Website: www.pjcp.edu.in

Accredited with Grade B++ by NAAC

Institute Code: DTE 4265 & RTMNU 265



Expert Dr. Sunil Kokane demonstrates Polymerase Chain Reaction, showcasing advanced molecular biology techniques.



Winners of the quiz competition, Tanmay Gotmare (First position), Gourav Nagpure (Second position) and Akshat Arora (Third Position), receive prizes during the valedictory function



Token of appreciation are shared with chief guests Dr. S. K. Singh and Dr. Sunil Kokane by Dr. Mrs. A. J. Asnani.



Ms. Sakshi Tapre expresses gratitude and appreciation as the event concludes, acknowledging everyone's efforts.



#### Group Photographs after valedictory function

Mr. A. R. Thakre and Mrs. S. G. Gurunani skillfully manage the event's coordination, ensuring its success.





**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S  
PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)  
Tel. & Fax No. +91-7104-232169, E-mail: jiccp\_ngp@rediffmail.com Website: www.jiccp.net  
(Approved By AICTE & DTE, New Delhi, Affiliated to R.T.M. Nagpur University Nagpur)

**EVENT PARTICIPATION**  
**DATE: 22/08/2023**

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
1	Runali Bhumbar	Student	<i>[Signature]</i>
2	Shikha Shahu	Student	<i>[Signature]</i>
30	Ruchita Kumbhar	Student	<i>[Signature]</i>
43	Khushi Banode	Student	<i>[Signature]</i>
54	Ruchita Kumbhar	Student	<i>[Signature]</i>
65	Ajajakta Marmale	Student	<i>[Signature]</i>
6	Shefali Noorie Ansari	Student	<i>[Signature]</i>
7	Pratiksha Denate	Student	<i>[Signature]</i>
8	Sejal Dubey	Student	<i>[Signature]</i>
9	Vaishnavi Hedam	Student	<i>[Signature]</i>
10	Sakshi Pandey	Student	<i>[Signature]</i>
11	Kaushika Mishra	Student	<i>[Signature]</i>
12	Shreaddha Matghare	Student	<i>[Signature]</i>
13	Ankita Gurepude	Student	<i>[Signature]</i>
14	Deepa Bisen	Student	<i>[Signature]</i>
15	Sakshi Tapre	Student	<i>[Signature]</i>
16	Soumya Paley	Student	<i>[Signature]</i>
17	Aditi Bambale	Student	<i>[Signature]</i>
18	Nidhi G. Tiwari	Student	<i>[Signature]</i>
19	Shrihali Hedau	Student	<i>[Signature]</i>
20	Sayali Kapre	Student	<i>[Signature]</i>
21	Krunal Raggad	"	<i>[Signature]</i>
22	Valbhavi Yeskar	"	<i>[Signature]</i>
23	Madhavi Thakare	"	<i>[Signature]</i>
24	Hanshika Singh	"	<i>[Signature]</i>
25	Shivani Gaur	"	<i>[Signature]</i>
26	Abhishek Bhopi	"	<i>[Signature]</i>
27	Akshat Arora	"	<i>[Signature]</i>
28	Hrushika Narayan	"	<i>[Signature]</i>

*[Signature]*  
(MR. A.L. Thakur)



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

PRIYADARSHINI J. L. COLLEGE OF PHARMACY

(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)

Tel. & Fax No. +91-7104-232169, E-mail: jlcpc\_ngp@rediffmail.com, Website: www.jlcpc.net

(Approved By AICTE & DTE, New Delhi, Affiliated to R.T.M. Nagpur University Nagpur)

### EVENT PARTICIPATION

DATE: 22/8/23

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
29	Yashika Bhattad	Student	
30	Syed Aherfaz Ali	Student	
31	Dnya Dabnase	Student	
32	Adeltha Khangane	Student	
33	Parth Samant	Student	
34	Kushal Sharma	Student	
35	Om Bhatnagar	Student	
36	Kunal Kashyap	Student	
37	Ritesh Gode	Student	
38	Piyush Upadhyay	Student	
39	Nayan Shelke	Student	
40	Zaid Qureshi	Student	
41	Vishal Yadav	Student	
42	Rehan Chaurwari	Student	
43	Vishal Sainse	Student	
44	Ritik Deskar	Student	
45	Craushev Nagpure	Student	
46	Sahil Manapure	Student	
47	Niraj Lohat	Student	
48	Tanmay Ghotmase	Student	
49	Aryaman Banode	Student	
50	Vaibhav Tulkar	Student	
51	Shahbaz Ali	Student	
52	SANKET SANJAY YEDE	Student	
53	Pooja S. Torahane	Student	
54	Puja R. Nagarkar	Student	
55	Anushree V. Shergaonkar	Student	
56	Sakshi S. Kamde	Student	
57	Rutuja N. Bhadange	Student	

(A.R. Thakur)





**LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S**  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**  
 (Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)  
 Tel. & Fax No. +91-7104-232169, E-mail: jlccp\_ngp@rediffmail.com, Website: www.jlccp.net  
 (Approved By AICTE & DTE, New Delhi, Affiliated to R.T.M. Nagpur University Nagpur)

**EVENT PARTICIPATION**  
**DATE: 22/8/23**

S.N	NAME OF PARTICIPANT	CATEGORY STUDENT/FACULTY/ SUPPORTING STAFF	SIGNATURE
58	Sapan K. Shah	Faculty	<i>[Signature]</i>
59	Binayak K. Sarkar	Student	<i>[Signature]</i>
60	Prabhu R. Salekar	Student	<i>[Signature]</i>
61	Jagjeet Z. Thaware	Student	<i>[Signature]</i>
62	Salmiksha A. Ajmire	Student	<i>[Signature]</i>
63	Sayli Karkar	Student	<i>[Signature]</i>
64	Rohmat Ansari	Student	<i>[Signature]</i>
65	Nikita Shukla	Student	<i>[Signature]</i>
66	Anuradha Dhokpande	Student	<i>[Signature]</i>
67	Dr. Shilpa Deshpande	Faculty	<i>[Signature]</i>
68	P. N. Anand	Faculty	<i>[Signature]</i>
69	Dr. Sonal Motghare	Faculty	<i>[Signature]</i>
70	Rakshika Mahesh Agrawal	Student	<i>[Signature]</i>
71	Juhi M. Triakode	Student	<i>[Signature]</i>
72	Y. Chunchur	Student	<i>[Signature]</i>
73	K. R. Upadhyay	Faculty	<i>[Signature]</i>
74	Mayur Lohi	Pharm. III <sup>rd</sup> sem	<i>[Signature]</i>
75	Akshay Bidkar	M. Pharm III <sup>rd</sup> sem	<i>[Signature]</i>
76	Laxman M. Sabu	Student	<i>[Signature]</i>
77	Pushkar Keshav Wahane	Student	<i>[Signature]</i>
78	Ruchika G. Deshmukh	Faculty	<i>[Signature]</i>
79	Pranali Nandanwar (M. Pharm)	Faculty	<i>[Signature]</i>
80	Skirvan Dhongde	Student (M. Pharm)	<i>[Signature]</i>
81	Pooja Dhodga	Student (M. Pharm)	<i>[Signature]</i>
82	Vaishnavi S. Bhure	Student (M. Pharm)	<i>[Signature]</i>
83	Kajal Kumari Sudhir Prasad	Student (M. Pharm)	<i>[Signature]</i>
84	Aishwarya V. Lichade	Student (M. Pharm)	<i>[Signature]</i>

*[Signature]*  
 (A. R. Thakur)









LUKMANYA ILAK JANKALYAN SHIKSHAN SANSTHA'S  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India  
Tel. No.: +91-7104 - 299510  
E-mail: principal@pjlc.edu.in, ilccpnpg@gmail.com • Website: www.pjlc.edu.in  
Accredited with Grade B++ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



Ref. PJLCP/ 2023 /4502 -

Date: August 14, 2023

To,  
Dr. S. K. Singh  
Area Sales Manager Himedia  
Nagpur, Maharashtra

Subject: Invitation to Chief Guest for Hands-On Training Seminar on Gel Electrophoresis

Dear Dr. S. K. Singh,

It is with great honor and pleasure that I extend an invitation to you to be the Chief Guest at our upcoming "Hands-On Training Seminar on Gel Electrophoresis," scheduled to be held on August 22, 2023.

Our institution has long been committed to promoting scientific education and practical learning, and this seminar aims to bridge the gap between theoretical knowledge and practical skills in the field of molecular biology. We believe that your esteemed presence as the Area Sales Manager of Himedia will significantly enhance the significance of this event and provide valuable insights to the participants.

Event Details:

Date: August 22, 2023

Time: 11:00 am to 04:00 pm

Venue: Priyadarshini J. L. College of Pharmacy, MIDC Hingna, Nagpur

We kindly request your confirmation of attendance at your earliest convenience. Your participation would be a source of great encouragement for all of us, and we look forward to the privilege of hosting you at our seminar.

Thank you for considering our invitation. We eagerly await your positive response.

*Received*  
*[Signature]*

Sincerely,

*[Signature]*

Dr. D. R. Chaple

Principal

PRINCIPAL

Priyadarshini J. L. College of  
Pharmacy, Nagpur.





LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHAS  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India

Tel. No.: +91-7104 - 299510  
E-mail: principal@pjlc.edu.in, ilccpnpg@gmail.com • Website: www.pjlc.edu.in  
Accredited with Grade B++ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



Ref. PJLCP/ 2023 / 4513 -1

Date: August 22, 2023

To,

Mr. Sanjay Singh

Area Sales Manager Himedia

Nagpur, Maharashtra

Subject: Expressing Gratitude for Your Role as Chief Guest

Dear Dr. S. K. Singh,

I am writing to convey our heartfelt gratitude for your presence as the Chief Guest at our recent "Hands-On Training Seminar on Gel Electrophoresis," held on August 22, 2023.

Your participation as the Chief Guest added immense value to the seminar, and your insightful remarks resonated with all the attendees.

We truly appreciate your commitment to promoting scientific education and your willingness to share your expertise with our seminar participants.

Thank you once again for taking the time to join us and for contributing to the success of our seminar. Your support reinforces our mission to provide meaningful learning experiences for our participants.

We hope to have the privilege of collaborating with you in the future and continuing to benefit from your expertise.

With gratitude and warm regards,

Dr. D. R. Chaple

Principal

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur



LOKMANIA TEJARK JANKALIAN SHIKSHAN SANSTHAS  
**PRIYADARSHINI J. L. COLLEGE OF PHARMACY**

(Formerly known as J. L. Chaturvedi College of Pharmacy)  
Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.) India  
Tel. No. +91-7104 - 299510  
E-mail: principal@pjlc.edu.in, ilccpnpg@gmail.com • Website: www.pjlc.edu.in  
Accredited with Grade B++ by NAAC  
Institute Code: DTE 4265 & RTMNU 265



Ref. PJLCP/ 2023/4502-2

Date: August 14, 2023

To,

Dr. Sunil Kokane

Molecular Biology Product Specialist Himedia

Nagpur, Maharashtra

Subject: Invitation as Presenter for Hands-On Training Seminar on Gel Electrophoresis

Dear Dr. Sunil Kokane,

I am writing to extend a heartfelt invitation for you to be a Presenter at our upcoming "Hands-On Training Seminar on Gel Electrophoresis," scheduled to take place on August 22, 2023.

Your exceptional expertise and profound knowledge in the field of molecular biology, coupled with your role as a Molecular Biology Product Specialist at Himedia, make you an ideal candidate to contribute to this seminar. We believe that your insights and practical insights would be immensely valuable in enhancing the learning experience for our participants.

The seminar is designed to provide attendees with practical skills in gel electrophoresis, a fundamental technique in molecular biology. Your presentation and hands-on demonstrations will be instrumental in helping participants understand the nuances of gel preparation, sample loading, and interpretation of results.

Event Details:

Date: August 22, 2023

Time: 11:00 am to 04:00 pm

Venue: Priyadarshini J. L. College of Pharmacy, MIDC Hingna, Nagpur

Kindly confirm your availability and participation.

We greatly value your contributions to the scientific community and would be truly honored to have you share your expertise with us. We eagerly await your positive response.

Thank you for considering our invitation.

*Received*  
*[Signature]*

Sincerely,

*[Signature]*

Dr. D. R. Chaple

Principal

PRINCIPAL

Priyadarshini J. L. College of Pharmacy, Nagpur



# Quiz on "Hands on Training Seminar on Gel Electrophoresis".

Date: 22 August 2023  
Organized by Department of Pharmaceutics and Pharmacognosy (Priyadarshini J. L. College of Pharmacy, Nagpur) and Himedia Nagpur

\* Indicates required question.

1. Email \*

2. Name of student \*

3. Class \*

4. 1. When is electrophoresis not used? \*

Mark only one oval

- ☐ Separation of proteins
- ☐ Separation of amino acids
- ☐ Separation of Lipids
- ☐ Separation of nucleic acids

1 point

5. 2. The polymerase chain reaction is \_\_\_\_\_. \*

Mark only one oval

- ☐ It is a DNA sequencing technique
- ☐ It is a DNA degradation technique
- ☐ It is a DNA amplification technique

1 point

6. 3. Which of the following statements is accurate for the PCR – polymerase chain reaction? \*

Mark only one oval

- ☐ Automated PCR machines are called thermal cyclers
- ☐ A thermostable DNA polymerase is required
- ☐ Millions to billions of desired DNA copies can be produced from microgram quantities of DNA
- ☐ All of the above

1 point

7. 4. Which technique separates charged particles using electric field? \*

Mark only one oval

- ☐ Hydrolysis
- ☐ Electrophoresis
- ☐ Protein synthesis
- ☐ Protein denaturing

1 point

8. 5. Which of the following statements is true about migration of biomolecules? \*

Mark only one oval

- ☐ The rate of migration is directly proportional to the resistance of medium
- ☐ Rate of migration is directly proportional to current
- ☐ Low voltage is used for separation of high mass molecules
- ☐ Rate of migration is inversely proportional to current
- ☐ Other \_\_\_\_\_

1 point

9. 6. Which of the following is the basic requirement of PCR reaction? \*

Mark only one oval

- ☐ Two oligonucleotide primers
- ☐ DNA segment to be amplified
- ☐ A heat-stable DNA polymerase
- ☐ All of the above

1 point

10. 7. The fluorescent dye such Ethidium is used for visualizing DNA. How do ethidium binds to DNA? \*

Mark only one oval

- ☐ Stacked between histone molecules
- ☐ Binds to the nucleotide base
- ☐ Intercalated between the stacked bases
- ☐ Binds to the phosphodiester backbone

1 point

d. b. c.

# Quiz on "Hands on Training Seminar on Gel Electrophoresis". (Responses)

## Form Responses 1

Timestamp	Email Address	RANK	Score	Name of student	Class	1. When is electrophoresis not used?	2. The polymerase chain reaction is _____.	3. Which of the following statements is accurate for the PCR - polymerase chain reaction?	4. Which technique separates charged particles using electric field?	5. Which of the following statements is true about migration of biomolecules?
8/22/2023 15:37:10	gotmaretanmay@gmail.com	1	13 / 15	Tanmay Chandrabhas Gotmare	SEM V	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:37:10	gauravnagpure14721@gmail.com	2	13 / 15	Gaurav Nagpure	B Pharm III	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:37:12	akshat.arora526@gmail.com	3	13 / 15	Akshat Arora	Bpharm sem 5	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:38:07	sahilmanpure7575@gmail.com	4	13 / 15	SAHIL Yogeshwar Manpure	B pharm 3rd year	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:35:12	prajaktamilmle16@gmail.com	5	12 / 15	Prajakta Raju Milmlle	B pharm 3rd yr	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:36:38	bhattacharyashikaz8@gmail.com	6	12 / 15	Yashika Bhattach	Sem 5	Separation of Lipids	It is a DNA sequencing technique.	All of the above	Electrophoresis	Rate of migration is inversely proportional to current
8/22/2023 15:36:50	anushreeshegaonkar@gmail.com	7	12 / 15	Anushree Shegaonkar	M Pharm Pharmacogn	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	The rate of migration is directly proportional to the resistance of medium
8/22/2023 15:38:29	vaibhavkulkar40@gmail.com	8	12 / 15	Vaibhav Kulkar	B pharm 3rd year	Separation of Lipids	It is a DNA amplification technique	Millions to billions of desired DNA copies can be produced from microgram quantities of DNA	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:38:45	adibbambole8702@gmail.com	9	12 / 15	Aditi Bambole	Bpharm sem 5	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:36:23	avinas1.hedau2@gmail.com	10	11 / 15	Srinath hedau	B pharm 3rd year	Separation of Lipids	It is a DNA sequencing technique	Millions to billions of desired DNA copies can be produced from microgram quantities of DNA	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:38:30	ymandik80@gmail.com	11	11 / 15	Yogita chundhuwar	Mpharm pharmaceutical	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:38:37	sneikrutar2004@gmail.com	12	11 / 15	Rehan Sheikh Jumman chaware	B pharm sem 5	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is inversely proportional to current
8/22/2023 15:34:48	thakareasadhar2003@gmail.com	13	10 / 15	Aadhar Anil Thakare	B pharm 3rd year	Separation of amino acids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is inversely proportional to current
8/22/2023 15:35:19	mmnmohits@gmail.com	14	10 / 15	Harshita Singh	B pharm 3rd yr	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Low voltage is used for separation of high mass molecules
8/22/2023 15:36:31	pratikshadake8@gmail.com	15	10 / 15	Pratiksha Mahendra Dekate	B pharm third year	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:36:40	sejalidubey13@gmail.com	16	10 / 15	Sejal Dubey	B pharm sem 5	Separation of Lipids	It is a DNA amplification technique	Automated PCR machines are called thermal cyclers	Electrophoresis	Rate of migration is directly proportional to current
8/22/2023 15:37:58	syedahrefszali4321@gmail.com	17	10 / 15	Syed AHEFAZ ali	Bpharm 5th sem	Separation of Lipids	It is a DNA amplification technique	All of the above	Electrophoresis	The rate of migration is directly proportional to the resistance of medium
8/22/2023 15:37:10	sraddhamolghare2002@gmail.com	18	9 / 15	Sraddha Molghare	B pharm third year	Separation of Lipids	It is a DNA sequencing technique	All of the above	Electrophoresis	The rate of migration is directly proportional to the resistance of medium

*[Signature]*

Sign of Coordinators Pg 1

PJLCP, Nagpur

Date: 22Aug 2023 3:45 pm



*at last*

## Feedback Form

### Instructions:

1. Fill all the details as per your experience.
2. Your feedback is valuable.

\* Indicates Required Question

1. Email \*

2. Email \*

3. The objectives of the workshop were clearly defined. \*

Mark only one oval

Disagree

1

2

3

4

5

Strongly Agree

4. The workshop objectives were met. \*

Mark only one oval

Disagree

1

2

3

4

5

Strongly Agree

5. The topics covered were relevant to me. \*

Mark only one oval

Disagree

1

2

3

4

5

Strongly Agree

6. The resource person was knowledgeable and had a good understanding of the topics. \*

Mark only one oval

Disagree

1

2

3

4

5

Strongly Agree

7. The time allotted for the workshop was sufficient. \*

Mark only one oval

Disagree

1

2

3

4

5

Strongly Agree



LOKMANYA TILAK JANKALYAN SHIKSHAN SANSTHA'S

## Priyadarshini J. L. College of Pharmacy

(Formerly called: J. L. Chaturvedi College of Pharmacy)

Electronics Zone Building, MIDC, Hingna Road, Nagpur-440016 (M.S.)

Tel. & Fax No. +91-7104-299510, E-mail: [jlccp\\_ngp@rediffmail.com](mailto:jlccp_ngp@rediffmail.com), Website : [www.pjlcp.edu.in](http://www.pjlcp.edu.in)

NAAC B++ ACCREDITED

### Program Report

**Name of the Program Conducted:** Online seminar on the topic entitled "Clinical Data Management".

**Date:** 04/07/2023

**Venue:** Seminar Hall, Priyadarshani J.L. College of pharmacy, Nagpur.

**Relevance to PO's:** To enrich the students with knowledge of clinical research and data management.

**Objective:**

- 1) To develop strong understanding of clinical research;
- 2) To appraise students about the importance of data management in clinical research;
- 3) To enable students to learn the process of CDM which provide high-quality data by keeping the number of errors, missing data and gather maximum data for analysis.

**Beneficiary:** Students, faculty, institute.

**Program Organizing Committee:** Pharmacology Department

Dr. S. A. Deshpande, Professor

**Outcome:**

Provide a knowledge of clinical research and upgrades the PG students with various task including the development of study databases, the design of case report forms (CRFs), the creation of data validation procedures, the management of data queries, the reconciliation of data from various sources, and the preparation of clinical data for statistical analysis.

**Attachment needed:**

- 1) Notice for circulation
- 2) Attendance record of students - 20 students.

*Dr. Shilpa Deshpande*  
15/7/2023  
**Teacher In Charge**

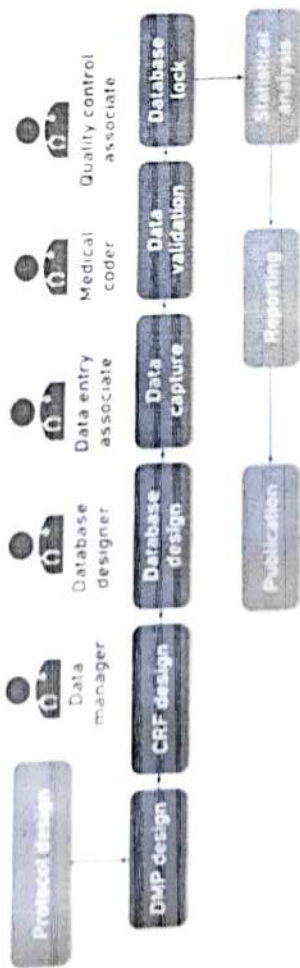
Dr. Shilpa Deshpande  
rof./Asso. Prof. / Asst.Prof  
Priyadarshini J.L. College of  
Pharmacy, Nagpur

*Shen*  
**Principal**

PRINCIPAL  
Priyadarshini J. L. College of  
Pharmacy, Nagpur.



## Data Flow



Procedures beyond clinical data management cycle

WhatsApp chat interface showing a group chat titled "HIMANSHU GAURI and Yashashree Chavhan have raised hands". The chat history includes messages from participants like Mr. Bharat Dhage, Uttamash Parde, Y, R, and S. The chat is currently active, with a status bar at the top showing the time as 10:10.



Lokmanya Tilak Jankalyan Shikshan Sanstha's

## Priyadarshini J L College of Pharmacy, Nagpur

In association with

### Enducare globus

Invites you for online seminar

**4 July 2023**



**Guest speaker**



**Mr. Utkarsh Patle**

**Manager**

**Enducare Globus Pvt.Lit.,  
Narendra Nagar, Manewada,  
Nagpur**



**Topic**

## ***Clinical Data Management***

**Co-ordinator**

**Dr. Mrs.S.A.Deshpande**

**Members**

**Mr. P.N.Amale**

**Mrs. S.A.Rathod**

**Mrs . R.N.Deshkar**

**Ms.R.A.Dani**