



**CENTRE FOR CONTINUING
EDUCATION, GTU CERTIFIED
SHORT TERM TRAINING
PROGRAMS**



**PRACTICAL HANDS-ON HIGH-PERFORMANCE LIQUID
CHROMATOGRAPHY (HPLC)**

ORGANIZED BY

**SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF
PHARMACY, VIDYABHARTI TRUST, UMRACKH, BARDOLI.**

REPORT

(5th HPLC BATCH- FEB 2024)



Centre for Continuing Education, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
INDEX (5th HPLC BATCH- FEB 2024)

Contents

1. About Gujarat Technological University
2. About Proposer Institute
3. About Course (name, coordinators, course duration in hours, eligibility, fees)
4. Significance of Course
5. Objectives of Course
6. Outcomes of Course
7. Resource Person Profile
8. Date and Session-wise Course Content Delivered
9. List of Participants
10. Session-wise Attendance of Participants
11. Evaluation Methodology
12. Result after Evaluation
13. Feedback from Participants
14. Few Photographs of Course Content Delivery

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
ABOUT GUJARAT TECHNOLOGICAL UNIVERSITY (5th HPLC BATCH- FEB 2024)

1. ABOUT GUJARAT TECHNOLOGICAL UNIVERSITY:

Gujarat Technological University is a premier academic and research institution which has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today, GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science. The University has about 4,00,000 students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program.

Our education empowers individuals to challenge conventional thinking in pursuit of original ideas. With a commitment to free and open inquiry, our scholars work transforms the way we understand the world, advancing – and creating – fields of study.

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
ABOUT THE COLLEGE (5th HPLC BATCH- FEB 2024)

2. ABOUT THE COLLEGE

Shree N. L. Patel College of Pharmacy, UmraKh was established in the year 2004 under the aegis of Vidyabharti Trust with main objective of visionary in the mission of quality Pharmacy education. This college is located on the way of Bardoli-Mota road, 3 kilometer away from Bardoli and 34 kilometers away from Surat in a lush green sprawling campus with sufficient infrastructure facilities. The college is approved by the Pharmacy Council of India (PCI), New Delhi and recognized by Government of Gujarat and affiliated to Gujarat Technological University (GTU), Ahmedabad. Accredited by NBA, New Delhi (B. Pharmacy Course upto June 2024).

At this moment, Shree N. L. Patel College of Pharmacy offers B. Pharm and M. Pharm course in Pharmaceutics, Quality Assurance & Pharmacology to impart the knowledge and to empower individuals with wisdom to prepare a pharmacist of the future.

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrah, Bardoli.
ABOUT COURSE (5th HPLC BATCH- FEB 2024)

3. ABOUT COURSE

GTU certified short term training programs and workshops on – HPLC organized by Shree Naranjibhai Lalbhai Patel college of Pharmacy, Vidyabharti Trust, Umrah, Bardoli.

Course Coordinator: Dr. Ashok H.

Akabari

Course Duration: 1.5 Months (Total Hrs: 60)

- Course material will be provided from the institute.

ELIGIBILITY:

Fresher / Experience with B.Sc./M.Sc./B. Pharm/M. Pharm/ B.E. Chemical

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
SIGNIFICANCE OF COURSE (5th HPLC BATCH- FEB 2024)

4. SIGNIFICANCE OF COURSE

Students who are pursuing their studies or have completed study and want to enter in pharmaceutical industry can join any of our courses as per his/her interest.

1. This course is ideal for those who are new to HPLC.
2. This course is ideal for those who have experience running HPLC methods and now want to learn how to develop new methods.
3. This course is ideal for those who have experience using HPLC and now want to develop their skills further
4. This course is ideal for those who have experience developing HPLC methods but want to increase their knowledge to deal with more challenging separations.

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
COURSE OBJECTIVE (5th HPLC BATCH- FEB 2024)

5. COURSE OBJECTIVE:

- To learn the basic fundamentals and concepts of HPLC instrument.
- To apply the knowledge of HPLC to analyze drug in bulk and pharmaceutical dosage form.
- To develop a new HPLC method for the analysis of drug in bulk and pharmaceutical dosage form.
- To understand the fundamentals and concepts of Pharmaceutical Method Validation as per ICH guidelines.
- To develop skilled person as per the need of industrial requirement to smoothing the function as well as to save the training period of newly graduate enter to the industries.

CENTRE FOR CONTINUING EDUCATION, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
COURSE OUTCOME (5th HPLC BATCH- FEB 2024)

6. COURSE OUTCOME:

After successful completion of 4th batch of short-term course on HPLC every participant are eligible to get certificate and learn following skill.

1. Participant learn to Run HPLC Methods: Participant Learn how to set up and run HPLC analysis with full understanding of all the method parameters such as the column, the mobile phase, the instrumentation, and sample preparation, and how to interpret and quantify the results of the analysis.

2. Participant has getting ability to Develop New HPLC Methods: Participant learn how to select appropriate method conditions and perform suitable investigative experiments to obtain a set of method parameters which enables the desired separation for mixtures of analytes.

3. Participant acquires the knowledge of Troubleshoot HPLC: Participant learn how to find solutions for problems encountered when running HPLC analysis by diagnosing symptoms and implementing appropriate preventative measures.

4. Participant learns to Develop HPLC Methods for Challenging Separations: Participant has learn to implement strategies to achieve satisfactory separation for ‘complex’ samples and use computer modelling to develop robust and fit for purpose HPLC methods.

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.
RESOURCE PERSON PROFILE (5th HPLC BATCH- FEB 2024)

7. Resource Person Profile

Name of Resource Person	Designation and Address
Dr. Haresh Patel	Sun Pharmaceutical Ltd., Vadodara
Mr. Sarojkumar Somabhai Katara	Industry Resource Person, Spino Biotech
Dr. Shailesh Lohar	Director, Smt. B.N.B. Swaminarayan Pharmacy College, Salvav
Dr. Vishnu Sutariya	Head of Shree Dhanvantary Pharmaceutical Analysis & Research Center, Kim
Dr. Dimal Shah	Professor, Indukaka Ipcowala College of Pharmacy, Charotar Vidya Mandal University, V V Nagar
Dr. Usmangani Chhalotiya	Associate Professor, Indukaka Ipcowala College of Pharmacy, Charotar Vidya Mandal University, V V Nagar
Dr. Kashyap Thummar	Assistant Professor, Graduate School of Pharmacy, GTU Gandhinagar
Mr. Ravi Patel	Assistant Professor, PG-Quality Assurance, Graduate School of Pharmacy (GSP), GTU, Gandhinagar
Dr. Ketan V. Shah	Principal, Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh
Dr. Ashok H. Akabari	Associate Professor, Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh
Dr. Jasmina Surati	Associate Professor, Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh
Mr. Sagar Patel	Associate Professor, Vidyadeep Institute of Pharmacy, Anita
Mrs. Divya Solanki	Assistant Professor Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.
DATE AND SESSION-WISE COURSE CONTENT DELIVERED (5th HPLC BATCH- FEB 2024)

7. DATE AND SESSION-WISE COURSE CONTENT DELIVERED

Theory Class				
Date	Faculty Name (1)	Time	Faculty Name (2)	Time
30/09/2023	Inaugural Function	10.00 to 10.30	Dr Ashok H Akabari	10.30 to 12.00
01/10/2023	Mr Sagar Patel	10.00 to 11.05	Mr Sagar Patel	11.05 to 12.05
02/10/2023	Mr Sagar Patel	10.00 to 11.05	Mr Sagar Patel	11.05 to 12.05
06/10/2023	Dr Jasmina Surati	02.00 to 03.02	Dr Jasmina Surati	03.05 to 04.05
07/10/2023	02.00 to 04.05	Dr. Kashyap Thummar, Assistant Professor, Graduate School of Pharmacy, Gujarat Technological University.		
08/10/2023	01.00 to 03.05	Ravi Patel, Assistant Professor, PG-Quality Assurance, Graduate School of Pharmacy (GSP).		
13/10/2023	10.00 to 01.00	Mr. Sarojkumar S Patel, Spino Biotech and Virtual lab Demonstration (Industry Resource Person)		
14/10/2023	Dr Ashok H AKabari	01.00 to 02.05	Dr Ashok H AKabari	02.05 to 03.05
15/10/2023	10.00 to 01.00	Dr Haresh Patel, Sun Pharmaceutical Ltd., Vadodara session on "Tips and Techniques for HPLC"		
20/10/2023	02.00 to 04.05	Development of LC methods: Points to ponder by Dr. Dimal Shah Professor, Indukaka Ipcowala College of Pharmacy, Charotar Vidya Mandal University, V V Nagar		
21/10/2023	Dr Jasmina Surati	10.00 to 11.00	Dr Jasmina Surati	11.05 to 12.05
27/10/2023	Mrs Divya Solanki	02.00 to 03.00	Mrs Divya Solanki	03.05 to 04.05
28/10/2023	Dr Ketan V Shah	01.00 to 02.03	Dr Ketan V Shah	02.05 to 03.05

Date	Practical Class		
	Aim of Practical	Faculty Name	Time
07/02/24	Method development step for Paracetamol	Dr Ashok Akabari	9.30 am to 4.30 pm
08/02/24	Validation of HPLC Method	Dr Ashok Akabari	9.30 am to 4.30 pm
09/02/23	Method development step for simultaneous analysis of two drug combination	Dr Jasmina Surati	9.30 am to 4.30 pm
12/02/24	Method development step for simultaneous analysis of two drug combination	Dr Jasmina Surati	9.30 am to 4.30 pm
13/02/24	Trouble Shooting for HPLC operation	Dr Vishnu Sutariya	9.30 am to 4.30 pm
17/03/23	Robustness of HPLC Method development	Mrs Divya Solanki	9.30 am to 4.30 pm
15/02/2024	External Examination evaluation	Dr Shailesh Lohar Expert 1	Dr Ashok Akabari Expert 2

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.
LIST OF PARTICIPANTS (5th HPLC BATCH- FEB 2024)

9. LIST OF PARTICIPANTS

Enrollment Number	Name of Participant	Email	Mobile Number
CCE00374001	CHAUDHARI BHAVISHA NARENDRA	bhauchaudhari2105@gmail.com	8799582511
CCE00374002	PATEL CHARMI JAYESHBHAI	charmipatel2716@gmail.com	6353688217
CCE00374003	PATEL KHUSHI SANJAYKUMAR	khushispatel.30@gmail.com	9157225378
CCE00374004	PATEL KHUSHI SURENDRA	kp447330@gmail.com	8320045102
CCE00374005	PATEL PAYALKUMARI MUKESHBHAI	payalpatel6758@gmail.com	6356005965
CCE00374006	PATEL RUSHALI KANTILAL	rushalipatel9487@gmail.com	9081851844
CCE00374007	PATEL SNEHALIBEN ARVINDBHAI	snehapatel45974@gmail.com	8141318678
CCE00374008	PATEL VRUSHTI VINODBHAI	vrushti1997@gmail.com	8140560951
CCE00374009	PRAJAPATI DHARTI DHARMESHBHAI	dharti9879@gmail.com	9265793052
CCE00374010	PRAJAPATI DHVANI RAJESHBHAI	dhvani2223250@gmail.com	6353647673
CCE00374011	PRAJAPATI SIDDHI MUKESHBHAI	siddhiprajapati0306@gmil.com	9998328489
CCE00374012	PRIYA RAJKUMAR BHARTI	mahispriya286@gmail.com	8849935135
CCE00374013	SAIYED MUSKAAN ANVARALI	muskaansaiyed17@gmail.com	9327887366
CCE00374014	SOLANKI AVNI KISHORSINH	avnisolanki395@gmail.com	6355578702

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.
SESSION-WISE ATTENDANCE OF PARTICIPANTS (5th HPLC BATCH- FEB 2024)

10. Session-wise Attendance of Participants

Enrollment Number	Name of Participant	Theory Attendance (In Percentage)	Practical Attendance (In Percentage)
CCE00374001	CHAUDHARI BHAVISHA NARENDRA	100 %	100 %
CCE00374002	PATEL CHARMJI JAYESHBHAI	100 %	100 %
CCE00374003	PATEL KHUSHI SANJAYKUMAR	100 %	100 %
CCE00374004	PATEL KHUSHI SURENDRA	100 %	100 %
CCE00374005	PATEL PAYALKUMARI MUKESHBHAI	100 %	100 %
CCE00374006	PATEL RUSHALI KANTILAL	100 %	100 %
CCE00374007	PATEL SNEHALIBEN ARVINDBHAI	100 %	100 %
CCE00374008	PATEL VRUSHTI VINODBHAI	100 %	100 %
CCE00374009	PRAJAPATI DHARTI DHARMESHBHAI	100 %	100 %
CCE00374010	PRAJAPATI DHVANI RAJESHBHAI	100 %	100 %
CCE00374011	PRAJAPATI SIDDHI MUKESHBHAI	100 %	100 %
CCE00374012	PRIYA RAJKUMAR BHARTI	100 %	100 %
CCE00374013	SAIYED MUSKAAN ANVARALI	100 %	100 %
CCE00374014	SOLANKI AVNI KISHORSINH	100 %	100 %

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.
EVALUATION METHODOLOGY (5th HPLC BATCH- FEB 2024)

11. Evaluation Methodology

1. Students have to perform practical on HPLC. (On the basis of practical performance marks is given)
2. Students have to develop validation protocol for the analysis of drug by HPLC as per ICH guidelines. (On the basis of practical performance for the development of validation protocol marks is given)
3. Presentation by the candidate
4. Mock Interview
5. After Result of candidates (marks/grades) of Exam and Certificate will be issue by GTU.

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS
Practical Hands-on High-Performance Liquid Chromatography (HPLC)
Organized by
Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.
RESULT AFTER EVALUATION (5th HPLC BATCH- FEB 2024)

12. RESULT AFTER EVALUATION

Gujarat Technological University			
Centre for Continuing Education			
Marks of Learners (Internal & External)			
Course Name: Practical Hands-on High-Performance Liquid Chromatography (Batch 5)		Exam Date: 15/02/24	Internal Examiner: Dr. Ashok H Akabari Shree N. L. Patel College of Pharmacy, UmraKh
Course Code: CCE0037		Exam Centre: Shree N. L. Patel College of Pharmacy, UmraKh	External Examiner: Dr. Shailesh Lohar Director, Smt BNB Swaminarayan pharmacy college, Salvav
Enrollment Number	Name of Learner	Obtained Internal	Obtained External Marks (out of 60)
CCE00374001	CHAUDHARI BHAVISHA	36	52
CCE00374002	PATEL CHARM JAYESHBHAI	35	54
CCE00374003	PATEL KHUSHI	34	53
CCE00374004	PATEL KHUSHI SURENDRA	35	54
CCE00374005	PATEL PAYALKUMARI	36	54
CCE00374006	PATEL RUSHALI KANTILAL	33	52
CCE00374007	PATEL SNEHALIBEN	36	55
CCE00374008	PATEL VRUSHTI VINODBHAI	34	54
CCE00374009	PRAJAPATI DHARTI	35	53
CCE00374010	PRAJAPATI DHVANI	35	53
CCE00374011	PRAJAPATI SIDDHI	35	53
CCE00374012	PRIYA RAJKUMAR BHARTI	34	52
CCE00374013	SAIYED MUSKAAN	34	53
CCE00374014	SOLANKI AVNI KISHORSINH	34	52
Signature:	<i>Ashok Akabari</i>	Signature:	
Name:	Dr. Ashok H Akabari	Name:	Dr. Shailesh Lohar
Internal Examiner		External Examiner	

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS**Practical Hands-on High-Performance Liquid Chromatography (HPLC)****Organized by****Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.****FEEDBACK FROM PARTICIPANTS (5th HPLC BATCH- FEB 2024)****13. FEEDBACK FROM PARTICIPANTS**

Timestamp	How was the lecture of Mr. Sarojkumar S Patel on Complete step by step tutorial of HPLC software?	How was the lecture of Dr Jasmina Surati on HPLC?	How was the lecture of Mr Sagar Patel on Validation parameter for HPLC method development?	How was the lecture of Dr Ashok H Akabari on HPLC instrumentation?	How was the lecture of Mr. Ravi Patel on Importance of Physico-chemical parameters?	How was the lecture of Dr Dimal Shah on Development of LC methods: Points to ponder
16/02/2024 15:15:25	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:16:17	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:16:20	Good	Good	Good	Excellent	Excellent	Excellent
16/02/2024 15:16:05	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:17:35	Excellent	Excellent	Excellent	Good	Excellent	Excellent
16/02/2024 15:17:36	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:17:42	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:17:50	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:17:52	Excellent	Good	Good	Excellent	Excellent	Good
16/02/2024 15:18:23	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:18:52	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:19:22	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
16/02/2024 15:22:14	Good	Excellent	Excellent	Excellent	Good	Excellent
16/02/2024 15:28:47	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

How was the lecture of Dr Ketan V Shah on HPLC method development?	How was the practical session of Dr Vishnu Sutariya on Basic Step for HPLC operation?	How was the lecture of Mrs Divya Solanki on HPLC method development?	How was the lecture of Dr Haresh Patel on Tips and Techniques for HPLC?	How was the overall experience of HPLC course?
Excellent	Good	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Good	Good	Good
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Good	Good	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent

CCE, GTU CERTIFIED SHORT TERM TRAINING PROGRAMS

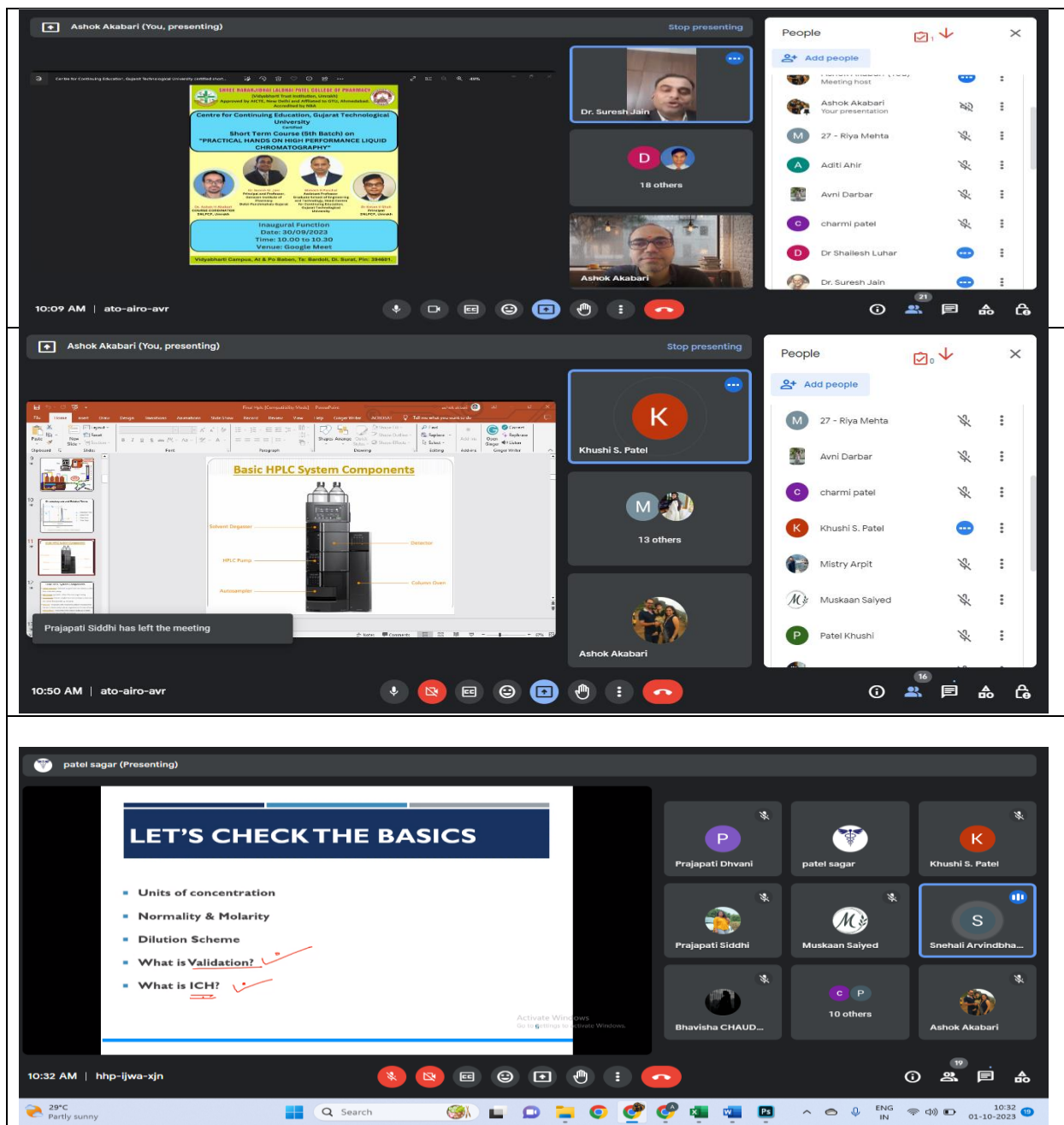
Practical Hands-on High-Performance Liquid Chromatography (HPLC)

Organized by

Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, Umrakh, Bardoli.

PHOTOGRAPHS OF COURSE (5th HPLC BATCH- FEB 2024)

14. Few Photographs of Course Content Delivery



Patel Haresh (Presenting)

Mobile Phase pH and pH Buffers....
Why Are These So Important in HPLC?

- **pH Effects Ionization**
 - Silica Surface of Column
 - Sample Components of Interest
- **Buffers**
 - Resist Changes in pH and Maintain Retention
 - Improve Peak Shape for Ionizable Compounds
- **Type of buffers & pH**
 - Effects Column Life
 - Low pH strips Bonded Phase
 - High pH Dissolves Silica

Patel Haresh

Priya Bharti

Patel Khushi

charmi patel

Shlok Patel

Muskaan Saiyed

PRAJAPATI DHARTI

5 others

Ashok Akabari

11:45 AM | fmt-vews-gvf

Apps using your microphone: Google Chrome



Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.



Shree Naranjibhai Lalbhai Patel College of Pharmacy, Vidyabharti Trust, UmraKh, Bardoli.