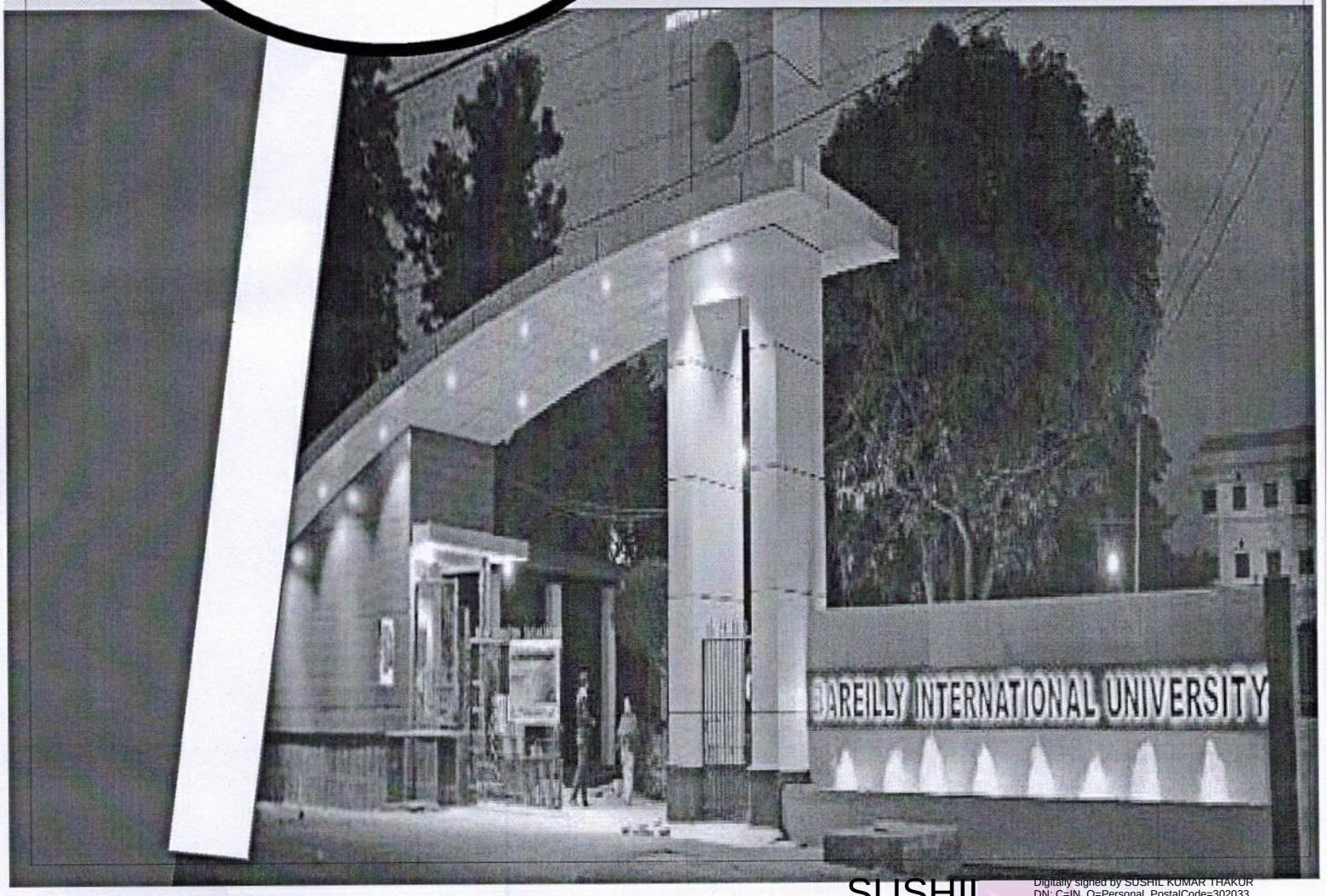
"One Day Workshop on Advanced Analytical Techniques: Digital Melting Point and Thin-Layer Chromatography Fundamentals"

Eligibility: B. Pharm IV Year
Session 2022-2023

BIU College of Pharmacy
&
Agron Remedies Pvt. Ltd.

Date-
12-10-2022



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BAREILLY INTERNATIONAL UNIVERSITY, BAREILLY

03.10.2022

Notice

All the students of B. Pharm fourth year are here by informed that, One day workshop on **"Advanced Analytical Techniques: Digital Melting Point and Thin-Layer Chromatography Fundamentals" in collaboration with Agron Remedies Pvt. Ltd.** is scheduled on 12.10.2022. Interested students can register their name to Class Co-Ordinator on or before 08.10.2022.

Signature
Course Coordinator
BIU College of Pharmacy

Signature
Principal
BIU College of Pharmacy

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Detailed Course outline

Value Added Course	**Advanced Analytical Techniques: Digital Melting Point and Thin-Layer Chromatography Fundamentals**
Course Outcome:	On completion of the course, the students will be:
CO.1	Instrument calibration, sample preparation, data acquisition, and troubleshooting
CO.2	Problem-solving, critical thinking, and application of acquired knowledge in diverse analytical contexts.
Topic	**Introduction to Analytical Techniques** o Overview of Analytical Chemistry o Importance of Analytical Techniques in Research and Industry o Brief Introduction to Digital Melting Point and Thin-Layer Chromatography. **Principles of Digital Melting Point Determination** o Basics of Melting Point o Traditional vs. Digital Melting Point Determination o Instrumentation and Equipment o Practical Demonstration and Hands-on Session
Topic	**Techniques in Thin-Layer Chromatography** o Introduction to Chromatography o Principles of Thin-Layer Chromatography (TLC) o Types of TLC and Their Applications o TLC Equipment and Stationary Phases o Hands-on Practice and Interpretation of TLC Results
Topic	**Optimization and Troubleshooting in TLC** o Parameters Influencing TLC Separation o Optimization of Mobile and Stationary Phases o Common Issues and Troubleshooting in TLC o Applications in Research and Industry
Topic	**Data Analysis and Interpretation** o Statistical Analysis of Melting Point Data o Quantitative and Qualitative Analysis in TLC o Software Tools for Data Interpretation o Practical Exercises
Topic	**Practical Applications and Integration** o Integrating Digital Melting Point and TLC in Analytical Workflows o Hands-on Projects o Q&A Session and Course Wrap-up

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BIU College of Pharmacy, Bareilly

One Day Workshop on

"Advanced Analytical Techniques: Digital Melting Point and Thin-Layer Chromatography Fundamentals"

Tentative Schedule of the Sessions

S. No.	Day/ Date	Time	Unit	Duration	Name of Teacher
1.	**Wednesday** 12-10-2022	09:00 AM to 10:00 AM	**Introduction to Analytical Techniques and Basics of Melting Point**	Sessions 1	Mr. Shailendra Kumar Verma
2.	**Wednesday** 12-10-2022	10:00 AM to 11:00 AM	**Digital Melting Point Determination and Instrumentation**	Sessions 2	Mr. Shailendra Kumar Verma
3.	**Wednesday** 12-10-2022	11:00 AM to 12:00 PM	**Introduction to Chromatography and Principles of TLC**	Sessions 3	Mr. Shailendra Kumar Verma
4.	**Wednesday** 12-10-2022	12:00 PM to 01:00 PM	**Types of TLC, Equipment, and Stationary Phases**	Sessions 4	Mr. Shailendra Kumar Verma
5.	**Wednesday** 12-10-2022	01:00 PM to 02:00 PM	**Lunch Break**		Mr. Shailendra Kumar Verma
6.	**Wednesday** 12-10-2022	02:00 PM to 03:00 PM	**Optimization and Troubleshooting in TLC**	Sessions 5	Mr. Shailendra Kumar Verma
7.	**Wednesday** 12-10-2022	03:00 PM to 04:00 PM	**Data Analysis and Interpretation**	Sessions 6	Mr. Shailendra Kumar Verma
8.	**Wednesday** 12-10-2022	04:00 PM to 05:00 PM	**Practical Applications, Integration, and Course Wrap-up**	Sessions 7	Mr. Shailendra Kumar Verma

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General Guidelines-

1. Tentative Timelines:

   Registration opens: 03 October, 2022

   Registration closes: 08 October, 2022

2. The students are advised to read the guidelines, annexures as well as the embedded instructions in the registration forms very carefully before proceeding.
3. The admission for a workshop will be done on first come first serve basis.
4. The names of the selected students will be put up in a separate notice. A waiting list will also be displayed in the same notice.
5. It is mandatory for the students to attend all the sessions.
6. The certificate shall be provided by **IQAC cell of Bareilly international University** to the students upon successful completion of the course.
7. **IQAC cell of Bareilly international University** Committee reserves the right to alter, modify or change the content as it deems fit without assigning any reasons to the students.

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BAREILLY INTERNATIONAL UNIVERSITY, BAREILLY

One Day Workshop on

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Student's Attendance

S.No.	Roll No.	Enrollment	Students Name	Sign
1	211702003	200107	Adesh Kumar	
2	211702005	200109	Aman Jaiswal	
3	211702007	200403	Ankit Saxena	
4	211702008	200110	Ankul Singh	
5	211702009	200679	Ankur Gangwar	
6	211702017	200404	Atal Ojha	
7	211702027	200119	Dharam Pal	
8	211702032	200122	Durvesh Kumar	
9	211702033	200123	Fajal Khan	
10	211702034	200410	Fiza Bee	
11	211702035	200402	Gaurav Shakya	
12	211702036	200364	Gaurav Yadav	
13	211702038	200125	Gunjeet Kumar Singh	
14	211702047	200141	Keshav Yadav	
15	211702048	200409	Kiran Maurya	
16	211702050	200165	Manish Chaudhary	
17	211702059	200135	Nitin Sharma	
18	211702062	200368	Parakh Kaushik	
19	211702065	200151	Prahlad	
20	211702068	200146	Rahul Shakya	
21	211702070	200144	Rustam	

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22	211702072	200411	Sachin Patel	
23	211702076	200166	Satish Yadav	
24	211702078	200407	Satya Veer	
25	211702080	200369	Saurabh Kumar	
26	211702083	200155	Shikhar Sharma	
27	211702085	200366	Shivam Pal	
28	211702087	200134	Subham Shukla	
29	211702090	200139	Ujjwal	
30	211702091	200140	Uma Shanker	
31	211702092	200133	Vikas Solanki	
32	221702501	210216	Neetish Kumar Verma	

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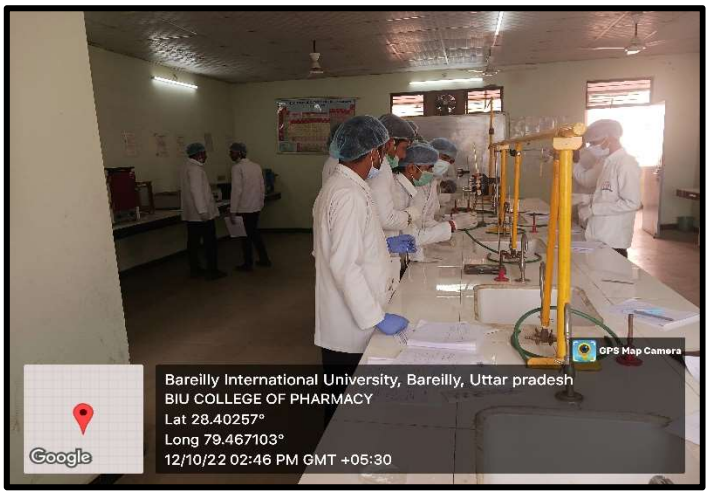
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Glimpse of Event

One Day Workshop

on

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