



## **SCHOOL OF PHARMACY CIRCULAR**

**No: AJU/SP/170/22**

**Date 16.12.2022**

It is hereby notified to all the students and faculty members of School of Pharmacy, ARKA JAIN UNIVERSITY that on 23<sup>rd</sup> December 2022 we are going to organize *Knowledge Manthan* on COMMUNITION AND ITS PHARMACEUTICAL SIGNIFICANCE. All the students and faculty members herewith informed to attend the same. For detail can be contacted to Miss Ankita Moharana, Assistant Professor.

Dean  
School of Pharmacy  
ARKA JAIN UNIVERSITY, Jharkhand

**School of Pharmacy  
Copy to**

Office of the Registrar  
IQAC  
Class Coordinators  
In charge website  
Office Record  
Student Whatsapp group

**Report on – Knowledge Manthan on Comminution and its  
Pharmaceutical Significance  
Held on – 23/12/2022**

Date of Event	23.12.2022
Name of the Event	Knowledge Manthan on Comminution and its Pharmaceutical Significance
Type of the Event	Quality academic activity
Conducted by	School of Pharmacy
No. Of Participants	70

**OBJECTIVE:** Seminars are small group sessions that give the opportunity to discuss topics in depth. These are often related to the lectures, but in addition, it can enhance the academic quality of the students as well as clear the concept. It is well said that 30 minutes discussion is far better than two hours of reading. *Knowledge Manthan* means churning the subject to obtain for better understanding.

**DETAILS:** Comminution is an important method of processing in pharmaceutical, food, plastic, glass and other industries. In pharmaceutical industries the importance of comminution is to enhance rate of solubilisation, make solvent penetration efficient to the crude drug during extraction, make rapid onset action, enhance product stability in heterogenic liquid dosage form, achieve homogeneous mixing of different components, enhance rate of drying, minimise irritation by the solid candidates present in ophthalmic and dermatological preparations, promote sustained action in a preparation etc. Comminution promotes content uniformity in a mixture, good flow property, homogeneous mixing, stability in heterogenic liquid dosage form, sustained action in dosage form can be regulated. On 23<sup>rd</sup> December a seminar organized by School of Pharmacy. The event is entitled as *Knowledge Manthan* on Comminution and its Pharmaceutical Significance. Students and faculty members were participated in this activity. Dean Dr. Jyotirmaya Sahoo explained the importance of comminution in pharmaceutical industry. Students explained working of different instruments like micronizer, edge runner mill, end runner mill, ball mill, hammer mill etc. They also discussed the mechanisms of comminution and how to take care during comminuting of thermolabile and thermostable substances. Manthan was ended with vote of thanks to the participants.

**OUTCOMES:** Students able to present the subject in depth of understanding, Due to various opinions by multiple numbers of students the subject knowledge was more transparently understood by the students.

Poster of the Event



The poster features a light blue background with geometric patterns. At the top left is the JGI logo and the text 'ARKA JAIN University Jharkhand (Jamshedpur)'. A large teal chevron points downwards. The main title 'SCHOOL OF PHARMACY' is in bold black, followed by 'Organizes' in a smaller font. Below this is 'KNOWLEDGE MANTHAN' in bold blue. A teal rounded rectangle contains the text 'COMMINUTION AND ITS PHARMACEUTICAL SIGNIFICANCE' in white. Below this, the event details are listed: 'Time : 2:30 PM onwards | Venue : SUSHRUTA', 'December 23rd, 2022', and 'Eligible Participants : Students of B. Pharmacy and Faculties of Pharmacy'. The bottom of the poster shows two glass bowls spilling blue and white capsules onto a surface. A black bar at the very bottom contains the website 'www.arkajainuniversity.ac.in' and the toll-free number '1800-1200-200'.

 **ARKA JAIN**  
**University**  
Jharkhand (Jamshedpur)

**SCHOOL OF PHARMACY**  
Organizes

**KNOWLEDGE MANTHAN**

**COMMINUTION AND ITS  
PHARMACEUTICAL SIGNIFICANCE**

Time : 2:30 PM onwards | Venue : SUSHRUTA  
**December 23rd, 2022**  
Eligible Participants :  
Students of B. Pharmacy and Faculties of Pharmacy

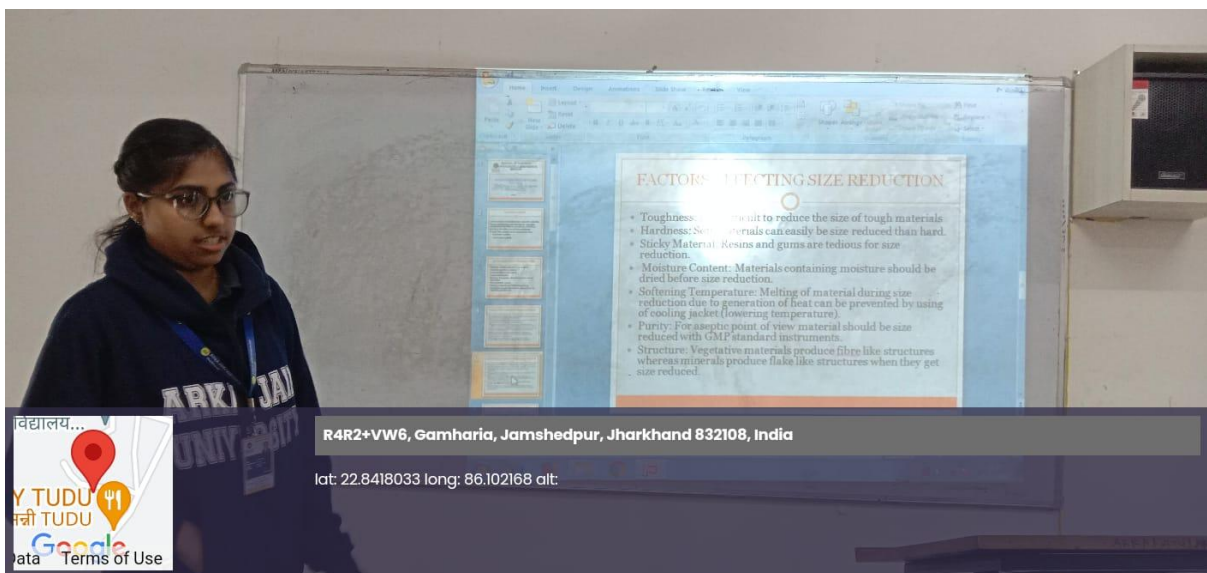
[www.arkajainuniversity.ac.in](http://www.arkajainuniversity.ac.in) Toll Free : 1800-1200-200



## Photos of the Event



Subject teacher Dr. Jyotirmaya Sahoo giving the introduction



Miss Prabhjot kaur presenting



Miss Sania Manzer presenting



Miss Srishti Shreya presenting



Dr. Sahoo helping as a mentor to the presenter



Anjali Sahu presenting



## Students' Attendance

			<b>ARKA JAIN University</b> Jharkhand
<b>SCHOOL OF PHARMACY</b> Event Registration cum Attendance Form			
Name of the Event:	Continuation and its pharmaceutical significance		Date of the Event: 25/12/2022 - 28/12/2022

Sl No.	Name of the Candidate	Signature of the Candidate	Feedback										Attendance							
			How would you like this session/event					You Would Recommend this event to others					D1	D2	D3	D4	D5	D6	D7	
			E	V	G	A	P	Y	N	Y	N									
①	Kumar Aryan	[Signature]																		
②	Babhyott Kaur	[Signature]																		
③	Khushi Kumari	[Signature]																		
④	Shweta Kumar	[Signature]																		
⑤	Anya Kumar	[Signature]																		
⑥	Arifali Sahu	[Signature]																		
⑦	Saloni Shetty	[Signature]																		
⑧	Sanya Maurya	[Signature]																		
⑨	Abhishek Singh	[Signature]																		
⑩	Ramant Thakur	[Signature]																		

\*E-Excellent, V-Very good, G-good, A-Average, P-Poor

Date: 25/12/22  
 Dean

School of Pharmacy  
 ARKA JAIN University, Jharkhand

Signature of the Event Coordinator

ARKA JAIN  
University  
Jharkhand

SCHOOL OF PHARMACY  
Event Registration cum  
Attendance Form

Name of the Event: Communication and its pharmaceutical significance Date of the Event: 23/12/2022 to 23/12/2022

Sl. No.	Name of the Candidate	Signature of the Candidate	Feedback								Attendance							
			How would you like this session/event	Would you like to attend this type of session in future				You Would Recommend this event to others				D1	D2	D3	D4	D5	D6	D7
				E	V	G	A	P	Y	N	Y	N						
11	Annu	Annu																
12	Harsh Kumar	Harshkumar																
13	Himanshu Kr	Himanshu Kr																
14	Pritam Sarkar	Pritam																
15	Harsh Kumar	Harsh Kr																
16	Rakesh Mandal	Rakesh Mandal																
17	Kumar Aryan	Kumar Aryan																
18	Priyanshu	Priyanshu																
19	Aryan Kumar	Aryan Kr																
20	Saurabh Ghosh	Saurabh																

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*(Signature)*  
23/12/22

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ARKA JAIN University, Jharkhand

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			E	V	G	A	P	Y	N	Y	N								
21.	Ishita Mishra	<u>Ishita Mishra</u>																	
22.	Prashant	<u>Prashant</u>																	
23.	Taruni	<u>Taruni</u>																	
24.	Anas Egbal	<u>Anas</u>																	
25.	Rohit Gupta	<u>Rohit Gupta</u>																	
26.	Tarun Mahato	<u>Tarun Mahato</u>																	
27.	Satyam Tiwary	<u>Satyam Tiwary</u>																	
28.	Kriti Kumar	<u>Kriti Kumar</u>																	
29.	Hemant Kumar	<u>Hemant Kumar</u>																	
30.	Abhishek Ray	<u>Abhishek Ray</u>																	

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			E	V	G	A	P	Y	N	Y	N								
31.	Ritika Verma	<u>Ritika</u>																	
32.	Paritosh Mendel	<u>Paritosh</u>																	
33.	Abhishek Kumar	<u>Abhishek</u>																	
34.	Prachi Mahato	<u>Prachi</u>																	
35.	Chetna	<u>Chetna</u>																	
36.	Avinash Giri	<u>Avinash</u>																	
37.	Suman Mahapatra	<u>Suman</u>																	
38.	Purbasha Roy	<u>Purbasha</u>																	
39.	Sanju Sharma	<u>Sanju</u>																	
40.	Jyoti Kumari	<u>Jyoti</u>																	

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			E	V	G	A	P	Y	N	Y	N								
31.	Ritika Verma	<u>Ritika</u>																	
32.	Paritosh Mandal	<u>Paritosh</u>																	
33.	Akash Kumar	<u>Akash</u>																	
34.	Prachi Mahato	<u>Prachi</u>																	
35.	Chetna	<u>Chetna</u>																	
36.	Avinash Giri	<u>Avinash</u>																	
37.	Suman Mahapatra	<u>Suman</u>																	
38.	Purbasha Roy	<u>Purbasha</u>																	
39.	Sanju Sharma	<u>Sanju</u>																	
40.	Jyoti Kurnasi	<u>Jyoti</u>																	

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				E	V	G	A	P	Y	N	Y	N								
41.		Rana Paul	<u>Rana.</u>																	
42.		Rounaque	<u>Rounaque</u>																	
43.		Upkar Shaw	<u>Upkar.</u>																	
44.		Shubham K.	<u>Shubham.</u>																	
45.		Premjit Vishwakarma	<u>Premjit</u>																	
46.		Neha Rani	<u>Neha.</u>																	
47.		Sadaf Firdous	<u>Sadaf.</u>																	
48.		Nishat	<u>Nishat.</u>																	
49.		Rinku K.	<u>Rinku.</u>																	
50.		Adiba Sumbul	<u>Adiba.</u>																	

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Name of the Event:

Communication and its Pharmaceutical Significance

Date of the Event: 22/12/2022 to 23/12/2022

Communication and its Pharmacological Significance																							
Sl. No.	Name of the Candidate	Signature of the Candidate	Feedback										Attendance										
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			E	V	G	A	P	Y	N	Y	N												
51.	Rahul Mahata	<u>Rahul</u>																					
52.	Janardhan Mahata	<u>Janardhan</u>																					
53.	Meeraj	<u>Meeraj</u>																					
54.	Shobha Kr.	<u>Shobha</u>																					
55.	Md. Asif	<u>Asif</u>																					
56.	Nikhil Mahata	<u>Nikhil</u>																					
57.	Tanuj Kr.	<u>Tanuj</u>																					
58.	Shalini Mahata	<u>Shalini</u>																					
59.	Manas Kr.	<u>Manas</u>																					
60.	Anurag Aranya	<u>Anurag</u>																					

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				E	V	G	A	P	Y	N	Y	N								
61.		Abhijeet Ghosh	<u>Abhijeet</u>																	
62.		Ayush Das	<u>Ayush</u>																	
63.		Kr. Deepak	<u>Deepak</u>																	
64.		Kunal Sharma	<u>Kunal</u>																	
65.		Fashan	<u>Fashan</u>																	
66.		Vikrant Kr.	<u>Vikrant</u>																	
67.		Nabila	<u>Nabila</u>																	
68.		Ayan Shaw	<u>Ayan</u>																	
69.		Amit Dhal	<u>Amit</u>																	
70.		<del>Shreyas</del> Shreyas Bha	<u>Shreyas</u>																	

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