




SCHOOL OF PHARMACY CIRCULAR

No: AJU/SOHAS/047/22

Date 27th February 2023

It is hereby notified to all the students of B. Pharm 4th semester and other students from different semesters and courses of Pharmacy can participate with a **session on preparation of herbariums** to be conducted by School of Pharmacy on 4th March 2023. Students need to take the opportunity of the training program.



Dean
School of Health and Allied Sciences
ARKA JAIN University, Jharkhand

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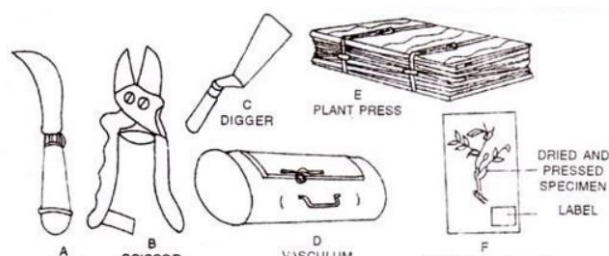
Office of the Registrar
IQAC
Class Coordinators
In charge website
Office Record
Student Whatsapp group

Report on– A SESSION ON PREPARATION OF HERBARIUMS
Held on – 04/03/2023

Date of Event	04.03.2023
Name of the Event	A Session on Preparation of Herbariums
Type of the Event	Slow Learner/ Advance Learner
Conducted by	School of Pharmacy
No. Of Participants	44

OBJECTIVE: A herbarium is essentially an organized library of dried plant specimens. The herbarium is a storehouse of plant materials with valuable data mentioned on their labels. The material in the herbarium remains as permanent record of flora of those regions even the natural topography and the vegetation have changed or extinct.

DETAILS: On 4th March 2023 the students from different courses of Pharmacy and specifically from 4th semester have undergone a session on Preparation of Herbariums. A herbarium is a collection of preserved plant specimens and related information which is used for scientific study and research. Use of herbarium is to Authentic and correct recognition of plant species. Herbariums provide information about the flora and fauna of a particular ecosystem. It also provides instant referrals in taxonomic studies. Students of School of Pharmacy were trained to prepare herbariums on the leaves of various plants. A good number of students from 4th semester B. Pharmacy participated in this session. The session was quite interesting for the students. They showed their interest to participate, if such kind of training programs will be conducted in future. Session was guided by Dr Jyotirmaya Sahoo and supported by Mr Alok Kumar Moharana, Mr Sumanta Sen, Mr Asutosha Parida, Mr Dusmanta Mahanta and Miss Priyabati.



For the preparation of mounted herbarium-specimens different important steps include: a. Poisoning, b. Pressing, c. Drying, d. Mounting, e. Stitching, f. Labelling, g. Identification. Poisoning is generally done by dipping the whole plant in a saturated solution of mercuric chloride in ethyl alcohol. Placing the specimens between the absorbents under heavy pressure is the next step of preparation of herbarium. The Plants should be placed in the press and be tightened. The faster the drying, greater will be the quality of the dried specimen. After the specimen is pressed, dried and poisoned, it is affixed along with a label on a mounting sheet. The mounting sheets are made from heavy long-lasting white card sheet in uniform size of 28 x 42 cm. The stitching should be small and independent and thread should not be carried from one stitch to another on the lower side of the mounting sheet. After the mounting of specimens on the herbarium sheets, the pasting of herbarium labels is done on the sheets.

OUTCOMES: Specimens in herbaria are very useful to identify plants growing here or elsewhere. Plant specimens preserved in an herbarium represent the best record of the plant's original distribution.



Poster of the Event

JGI

ARKA JAIN
University
Jharkhand

School of Pharmacy

conducts

A Session on Herbarium Preparation

Date : 4th March 2023

Time : 10:30 AM

onwards

**A Session for Slow Learner/
Advance Learner**



www.arkajainuniversity.ac.in

Photos of the Event



Cutting to collect a Herb part for preparation of Herbarium



Pressing the Dried Poisoned Plant for preparation of Herbarium



Session on Herbarium Preparation



Teacher Encouragement is an Essential Part

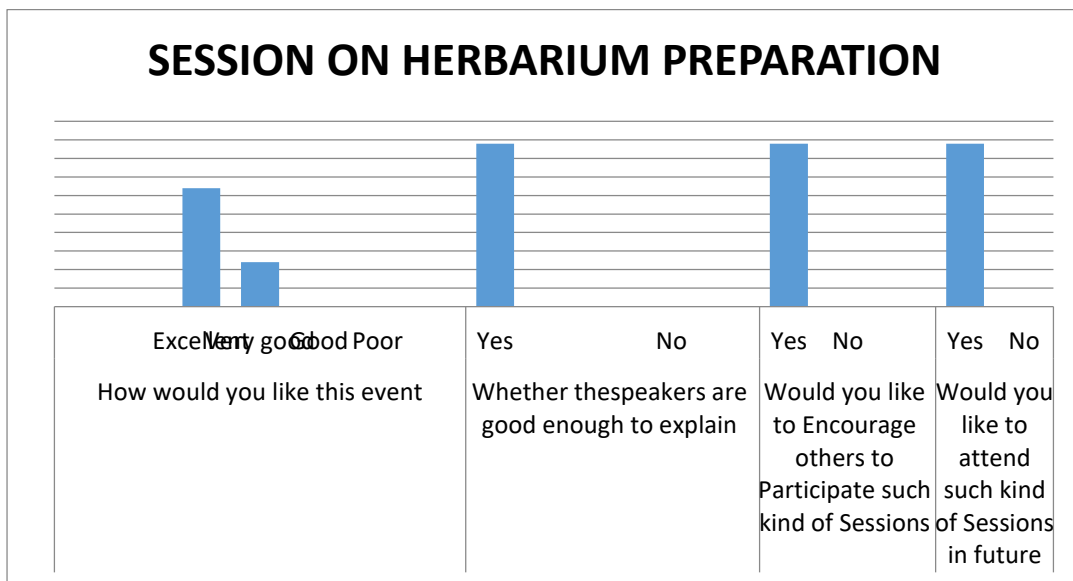
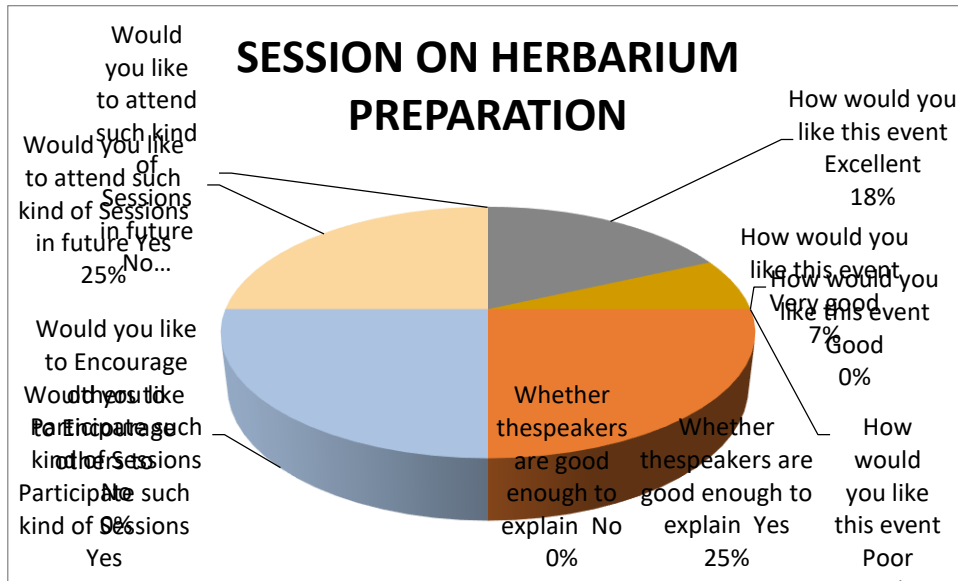


Students inspired for the same subject whereas prior to the session there was no interest



Prepared Herbariums by the students

Feedback





Students' Attendance

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SCHOOL OF PHARMACY
Event Registration cum Attendance Form

Name of the Event: Session on Herbarium preparation Date of the Event: 4th March 2023 to 4th March 2023

Sl. No.	Name of the Candidate	Enrolment No.	Signature of the Candidate	Feedback											Attendance							
				How would you like this session/event					The speaker explained the topic clearly						Would you like to attend this type of event/session in future		D1	D2	D.	D.	D.	D.
				E	V	G	A	P	Y	N							Y	N				
1	Abhinav Ran	AJU/210917	Abhinav Ran	✓						✓							✓					
2	Avinash Gitti	AJU/210432	Avinash Gitti	✓						✓							✓					
3	Suman Thakur	AJU/210340	Suman Thakur	✓						✓							✓					
4	Amit Paul	AJU/210405	Amit Paul	✓						✓							✓					
5	Ritika Verma	AJU/210440	Ritika Verma	✓						✓							✓					
6	Shruti Kumari	AJU/210437	Shruti Kumari	✓						✓							✓					
7	Anya Kumari	AJU/210442	Anya Kumari	✓						✓							✓					
8	Xi'shal	AJU/21068	Xi'shal	✓						✓							✓					
9	Nirala Kumar	AJU/211384	Nirala Kumar	✓						✓							✓					
10	Soumitra Paul	AJU/211601	Soumitra Paul	✓						✓							✓					

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

Signature of the Head
ARKA JAIN University, Jharkha

Signature of the Event Coordinator

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Jharkhand

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				How would you like this session/event					The speaker explained the topic clearly						Would you like to attend this type of event/session in future		D1	D2	D.	D.	D.	D.
				E	V	G	A	P	Y	N							Y	N				
11	Aayush Singh	AJU/210322	Aayush Singh	✓						✓							✓					
12	Sagar Kumar	AJU/210717	Sagar Kumar	✓						✓							✓					
13	Vidya Singh Maho	210527	Vidya Singh Maho	✓						✓							✓					
14	Ajay Kr Mahato	AJU/210708	Ajay Kr Mahato	✓						✓							✓					
15	Sandeep Rana	AJU/210758	Sandeep Rana	✓						✓							✓					
16	Abhishek Ghosh	AJU/210698	Abhishek Ghosh	✓						✓							✓					
17	Ayush Das	AJU/210683	Ayush Das	✓						✓							✓					
18	Hemant Pandey	AJU/210700	Hemant Pandey	✓						✓							✓					
19	Jyoti Kumari	AJU/210146	Jyoti Kumari	✓						✓							✓					
20	Ronal Paul	AJU/210183	Ronal Paul	✓						✓							✓					

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				How would you like this session/event	The speaker explained the topic clearly	Feedback					Would you like to attend this type of event/session in future	D	D	D	D	D	
						E	V	G	A	P							Y
21	Chitra Sardya	AJU/210910	Chitra Sardya	✓	✓												
22	Chinuk Mahata	AJU/210295	Chinuk Mahata	✓	✓												
23	Ayush Das	AJU/210593	Ayush Das	✓	✓												
24	Ritesh Sharma	AJU/210902	Ritesh Sharma	✓	✓												
25	Shikha Mishra	AJU/210185	Shikha Mishra	✓	✓												
26	Ashish Gupta	AJU/210563	Ashish Gupta	✓	✓												
27	Shikha Kumari	AJU/220368	Shikha Kumari	✓	✓												
28	Sweety Patil	AJU/220155	Sweety Patil	✓	✓												
29	Chinmay Kumar	AJU/220167	Chinmay Kumar	✓	✓												
30	Prachi Mahata	AJU/210208	Prachi Mahata	✓	✓												

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						E	V	G	A	P							Y
31	Pratik Kumar	AJU/210387	Pratik Kumar	✓	✓												
32	Saqar Pandit	AJU/210400	Saqar Pandit	✓	✓												
33	Sanju Sharma	AJU/210011	Sanju Sharma	✓	✓												
34	Taruni	AJU/210116	Taruni	✓	✓												
35	Nikhil Kumar	AJU/210414	Nikhil Kumar	✓	✓												
36	Animesh	AJU/210248	Animesh	✓	✓												
37	Annu Sharma	AJU/210247	Annu Sharma	✓	✓												
38	Kundan Arora	AJU/210265	Kundan Arora	✓	✓												
39	Khushi Kumari	AJU/210370	Khushi Kumari	✓	✓												
40	Shanti Jha	AJU/210565	Shanti Jha	✓	✓												

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				How would you like this session/event				The speaker explained the topic clearly		Would you like to attend this type of event/session in future		D1	D2	D	D	D	D		
				E	V	G	A	F	Y	N	Y	N							
41	<u>Rishi Tambar</u>	<u>ASU/210541</u>	<u>[Signature]</u>	✓															
42	<u>Runar Aryan</u>	<u>ASU/210302</u>	<u>[Signature]</u>	✓															
43	<u>Brishti Shree</u>	<u>ASU/210209</u>	<u>[Signature]</u>	✓															
44	<u>Abhishek Singh</u>	<u>ASU/210315</u>	<u>[Signature]</u>	✓															
45																			
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[Signature]
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[Signature]
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