



# INSTITUTION'S INNOVATION COUNCIL

IC202216219, ESTB.28 JUNE 2022



## Nuclear Magnetic Resonance and its Application in Structure Elucidation

A one-day workshop was organized at Laureate Pharmacy Educational Institute under the flagship of Institution Innovation Council and IQAC in the theme of Nuclear Magnetic Resonance (NMR) and its Application in Structure Interpretation. Dr. Ramjayan, Dean School of Pharmacy (Prof.) from Indus International University, Una was the Chief Minister on the occasion. Prof. Dr. M.S. Ashawat, Principal and Director of the Institute welcomed the Chief Guest and addressed the gathering.

More than eighty participants are present in the workshop. Dr. Ramjayan explained the practical aspects of NMR. Dr. Ramjayan shared information about the practical aspects of NMR and its utility and importance. He said that nuclear magnetic resonance spectroscopy is an important technique to observe the structural structure of medicinal and other chemical molecules. It provides analytical data about the type, quantity and formation of atoms in liquids and solids. In this program, Dr. Praveen, Dr. Aditi, Dr. Ritesh Rana, Associate Prof. Shiv Kumar and Other members of the staff were present. The programme is successfully ended with vote of thanks by Dean Student Welfare, Prof. C. P. S. Verma.



*C. P. S. Verma*  
DIRECTOR CUM PRINCIPAL  
LAUREATE INSTITUTE OF  
PHARMACY KATHOG  
TEH. JAWALAMUKHI  
DISTT. KANGRA (H.P.)



# WORKSHOP

Theme: "Nuclear Magnetic Resonance and its application in Structure Elucidation".

Organized By  
**LAUREATE INSTITUTE OF PHARMACY**

Dated: 01 April, 2024

Time: 10:30 am onward

Eminent Speaker



[Prof.] Dr. R. Ramasujam  
Former Professor, Osaka University,  
Osaka, Japan  
Dean, School of Pharmacy  
Teha International University  
UNA, Himechul Pradesh



VENUE:- CONFERENCE HALL NO. 2  
**LAUREATE INSTITUTE OF PHARMACY**

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लाहौर में एनएमआर विषय पर कार्यशाला

## लाहौर में एनएमआर विषय पर कार्यशाला

ग धर्मशाला (वि) लाहौर फार्मसी  
शिक्षण संस्थान में मंगलवार को एक  
दिवसीय कार्यशाला का आयोजन  
किया गया। इस कार्यशाला का  
विषय (एनएमआर) परमाणु  
संवेदीय अनुनाद और संरचना  
व्याख्या में इसका अनुप्रयोग रहा।  
इस अवसर पर मुख्य वक्ता डॉ. रमसुजम  
इंटरनेशनल यूनिवर्सिटी ऊना से  
डॉ. डीन स्कूल ऑफ फार्मसी डॉ.  
रामसुजम रहे।  
संस्थान के प्राचार्य एवं निदेशक  
प्रो. एमएस अग्रवाल ने मुख्यवर्षि  
का स्वागत और सभा को संबोधित  
किया। इस कार्यशाला में 100 से  
अधिक शोधार्थी और एम-फार्म के  
छात्र-छात्राओं ने भाग लिया। डॉ.  
रामसुजम ने एनएमआर के  
व्यावहारिक पहलुओं और उसकी  
उपयोगिता एवं महत्व के बारे में  
जानकारी सझा। उन्होंने कहा  
कि परमाणु संवेदीय अनुनाद



स्पेक्ट्रोस्कोपी और अन्य  
रासायनिक अणुओं के संरचनात्मक  
स्वरूप को अज्ञेय बनाने की  
एक महत्वपूर्ण तकनीक है।  
सह तरल और ठोस पदार्थों में  
परमाणुओं के प्रकाश, मास और  
तापन के क्षेत्र में विश्लेषणकार्य

डेटा प्रदान करती है। डॉ. रमसुजम  
वेल्फेयर रो सीपीएस चर्मा  
धनबाद भाषण दिया। इस कार्य  
में डॉ. प्रवीण, डॉ. अरिंद, ड  
विजय शर्मा, एम्बेसिएट प्रो. कि  
कुमार सुकन्य और स्ट्राफ के अ  
सहयोग से कार्य किया।

*(Signature)*  
DIRECTOR CUM PRINCIPAL  
LAUREATE INSTITUTE OF  
PHARMACY KATHOG  
TEHSIL JAWALAMUKHI  
DISTT. KANGRA (H.P.)

Laureate Institute of Pharmacy, Kathog

Date - 01-04-2024

A Work Shop on NMR and its Application on Structure Education

Attendance List

Sr. No.	Name	Specialization	Designation	Signature
1	ABHISHASHI SHARMA	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
2	ANJALI CHANDEL	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
3	CHANDNI DEVI	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
4	DEEXA SHARMA	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
5	HIMANSHU KUMAR	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
6	KANIKA KAUSHAL	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
7	KANIKA VASHISHT	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
8	KHUV RAJ	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
9	NISHAD MALIK	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
10	PALAK PANJWAL	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
11	SHIVANI	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
12	SHUBHAM GARG	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
13	YAVNIKA MINHAS	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
14	SAHIL CHAUDHARY	PHARMACOLOGY	M Pharmacy 1 <sup>st</sup> Year	
15	ANCHAL DEVI	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
16	KAMAKSHI	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
17	KRITIKA SHARMA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
18	MOHIT KUMAR	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
19	NANCY BHARDWAJ	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
20	NIKITA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
21	PRIYA RANA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
22	SAHIL CHOPRA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	
23	SANKET SHARMA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	

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24	SHARILL	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Sharill
25	SHIVAM AGNIHOTRI	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Shivam
26	SHUBHAM	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Shubham
27	SHWETA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Shweta
28	SWETA THAKUR	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Sweta
29	VANSHIKA	PHARMACEUTICS	M Pharmacy 1 <sup>st</sup> Year	Vanshika
30	ABHISHEK CHAUHAN	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Abhishek
31	AMIT KASHYAP	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Amit Kashyap
32	ANMOL KUMAR	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Anmol Kumar
33	ARYAN	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Aryan
34	AYUSH GAUTAM	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Ayush
35	DEEPAK SHARMA	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Deepak
36	GITESH KUMAR	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Gitesh Kumar
37	GOURAV BANYAL	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Gourav
38	KRITIKA	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Kritika
39	PARVEZ KHAN	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Parvez Khan
40	RAHUL THAKUR	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Rahul Thakur
41	SAKSHI	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Sakshi
42	ROHIT DHILLON	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Rohit Dhillon
43	VARUN BHARDWAJ	Pharmaceutical Analysis	M Pharmacy 1 <sup>st</sup> Year	Varun

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Date - 01-04-2024

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**Attendance List**

S.N.	Name	Department	Designation	Signature
1	Abhishek Dhiman	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Abhishek</i>
2	Aayush Gupta	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Aayush</i>
3	Abhinav	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Abhinav</i>
4	Anjali Thakur	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Anjali</i>
5	Gurvinder Singh	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Gurvinder</i>
6	Himanshu Sharma	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Himanshu</i>
7	Himanshu Shridhar	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Himanshu Shridhar</i>
8	Hitesh Kumar	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Hitesh</i>
9	Meenal Sharma	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Meenal</i>
10	Monika	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Monika</i>
11	Priyanka	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Priyanka</i>
12	Rohit	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Rohit</i>
13	Seema Devi	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Seema</i>
14	Shiana	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Shiana</i>
15	Shivika	Pharmaceutics	M.pharmacy 2 <sup>nd</sup> Year	<i>Shivika</i>
16	Abhijeet Singh Rana	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Abhijeet</i>
17	Achla Sharma	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Achla</i>
18	Amit Kumar	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Amit</i>
19	Dipali Rana	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Dipali</i>
20	Kajol	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Kajol</i>
21	Nidhika Rana	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Nidhika</i>
22	Nikhil Kumar	PAQA	M.pharmacy 2 <sup>nd</sup> Year	<i>Nikhil</i>

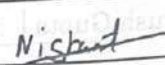
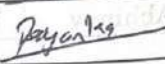

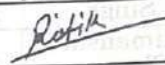
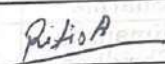
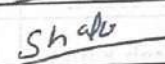
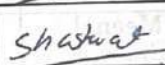
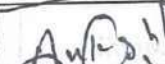
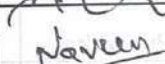

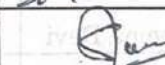
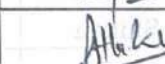
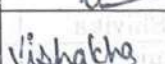

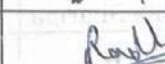
  
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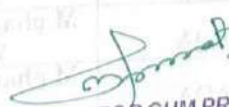
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**Date - 01-04-2024**

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**Attendance List**

S.N.	Name	Department	Designation	Signature
23	Nishant Koundal	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
24	Priyanka Lagwai	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
25	Ritesh	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
26	Ritik Chandel	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
27	Ritish	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
28	Shalu	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
29	Shashwat	PAQA	M.pharmacy 2 <sup>nd</sup> Year	
30	Ankush	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
31	Naveen Sagar	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
32	Saksham	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
33	Shagun Sharma	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
34	Shagun Thakur	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
35	Vishakha	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
36	Prinkal Bhardwaj	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	
37	Radhika Sharma	Pharmacology	M.pharmacy 2 <sup>nd</sup> Year	

  
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