



DST STUTI TRAINING PROGRAM

Organised by

Jamia Hamdard PMU

on

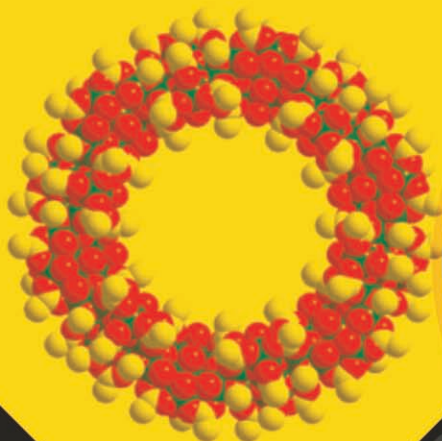
“MAPPING MOLECULES WITH MAGNET”

One week Training Programme on NMR

28th Oct - 4th November 2022

Venue

**Department of Pharmaceutical Chemistry
School of Pharmaceutical Education & Research (SPER)
Jamia Hamdard, New Delhi-62**



Sponsored by



विज्ञान एवं प्रौद्योगिकी विभाग
Department of Science and Technology
Ministry of Science and Technology
Government of India

dststuti@jamiahamdard.ac.in

JAMIA HAMDARD

The history of Jamia Hamdard began with the establishment of a small Unani clinic in the year 1906 by Hakeem Hafiz Abdul Majeed, a practitioner with the vision of making the practice of Unani medicine a scientific discipline. Currently, Jamia Hamdard is engaged in imparting high quality Science, Medicine, Nursing, Management, Information Technology, Allied Health Science, Islamic studies etc. In recognition of its excellent and academic achievements; Jamia Hamdard has been accredited with

'A' Grade by National Accreditation and Assessment Council (NAAC)
Ranked 1st in Pharmacy by NIRF-2022, Govt. of India.

ABOUT THE TRAINING PROGRAM

The training program under DST-STUTI will focus on capacity building by training doctoral students and post doctoral fellows. Young faculty members will also benefit from this program. Efforts **will be made to explore the structural characterization of natural or synthetic compounds using NMR spectral data.** On behalf of organizing committee, we are extending a cordial invitation to you and your colleagues to participate in the training programme.

ELABORATIVE INFORMATION WILL IMPARTED TO THE PARTICIPANTS ON THE FOLLOWING DOMAIN:

1. **Basic concept behind NMR**
2. **Characterization of Phytoconstituents**
3. **Characterization of synthetic small molecules**
4. **Quantitative analysis by NMR**

Submission of Registration form

Google Link for the Program: https://docs.google.com/forms/d/e/1FAIpQLScuhJntREH-dNkY_PA7fCK8TWHuZ3xHazLsurSKt3DAZMVRcA/viewform?usp=sf_link

QR Code of the Program:



Last Date of the Registration:

19th October, 2022

Confirmation of the Participation:

21st October, 2022

For any queries contact:

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Introduction to the workshop

Today, NMR presents itself as a sophisticated and powerful analytical tool with a variety of applications in varied disciplines of chemistry, biology and medicine providing a wealth of information. It is a non-destructive technique that is primarily utilized to probe the nature and characteristics of molecular structure. Owing to tremendous development in methodology, instrumentation and application in the past two decades, it has become one of the most versatile technique. In this workshop, we wish to have very interactive sessions with the audience discussing various aspects of 1D and 2D NMR along with applications in the present world. Interpretation part of the spectra will also be taken care of by using several simple and complex organic compound.

Registration Detail of Training Program

30 participants will be selected for the workshop. There are three categories of participants:

A. Doctoral Students

B. Post-Doctoral Researchers

C. Young Faculty Members

Candidate should send their CV and recommendation letter duly forwarded by their Supervisor / Mentors / Head of the Department.

There is no registration fees for the training program and it is completely supported by DST-STUTI program.

About Delhi: National Capital Territory (NCT) of Delhi,

is a city and a union territory of India comprising New Delhi, the capital of India.

Red Fort

Lotus Temple

Zoological Park

Qutub Minar

Janar Mantar

Humayun's Tomb

India Gate



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