

REPORT OF THE SEMINAR ON LEARNING OF NMR SPECTROSCOPY AND ITS APPLICATIONS

As part of

"SHORT TERM CERTIFICATE COURSE AND HANDS-ON TRAINING ON ANALYTICAL INSTRUMENTS"

(27th June to 12th July, 2023)

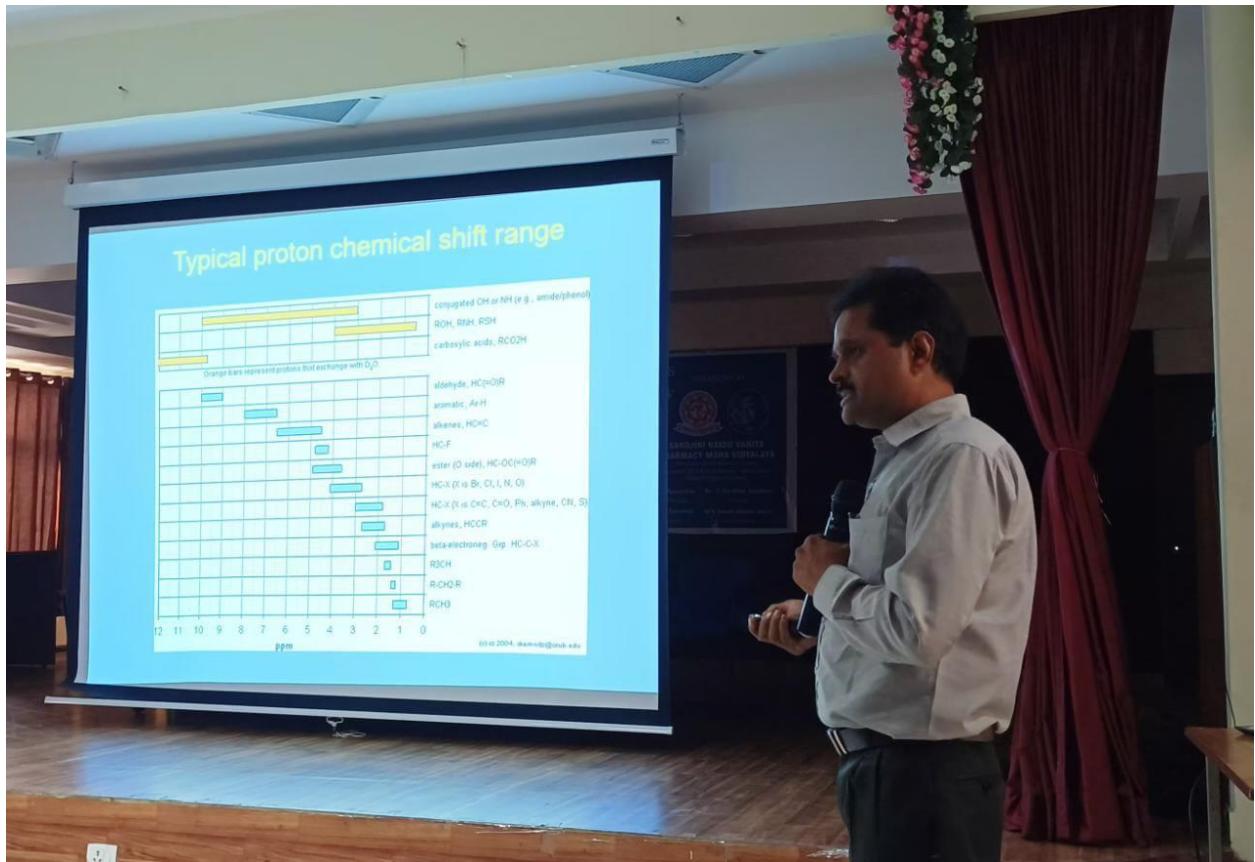
Date & Time of the Event- 5th JUL 2023, 2.00 pm -5.00 pm

Venue: Auditorium, Sarojini Naidu Vanita Pharmacy Maha Vidyalaya (SNVPMV),
Hyderabad

On July 5th, 2023 at 2.00 pm in the SNVPMV auditorium, the inaugural ceremony for the seminar on “**LEARNING OF NMR SPECTROSCOPY AND ITS APPLICATIONS**” was conducted well amidst the Guest speaker, **Dr.A.V.Subrahmanya Sarma**, all the dignitaries and participants. The event was graced by **Dr. N. Srinivas**, Director, SNVPMV, **Dr. T. Mamatha**, Vice-Principal, SNVPMV, HODs and senior faculty of various departments. It was coordinated by **Dr.K.Sirisha**, **Dr.P.Vivek Sagar** and **Dr.K.Neelima**, Associate Professors from the Department of Pharmaceutical Analysis. The programme was anchored by **Ms. A.Srinija**, **Mrs. J.Deepthi** and **Ms. Sania bano**, M Pharm (Pharmaceutical Analysis) 2nd year students of SNVPMV. All the dignitaries were received and invited on to the Dias with floral greetings. Welcome address was given by **Dr. N. Srinivas**, Director, SNVPMV

Dr. A.V. Subrahmanya Sarma, Senior Principal Scientist, Centre for Nuclear Magnetic Resonance, CSIR-IICT has over 20 years of research experience in NMR spectroscopy. During his lecture he explained in detail the students (M.Pharm II & IV sem, B.Pharm VI & VIII sem, Pharm.D III year) and all the faculty members the importance of NMR spectroscopy, theoretical aspects involved in it, instrumentation-its cost and advancements over the years with a note on benchtop instruments, types of magnets and cross section of a superconducting magnet. He discussed well about the chemical shift values, solvent effects, internal standards used, splitting, variations in coupling patterns and NMR (¹H and ¹³C) spectral interpretation with multiple examples. Later the concepts of spin decoupling, dipole moments, magnetic resonance and integration in NMR were explained. Finally, question and answer session was carried out during which the participants interacted well with the speaker and got their queries clarified.

The session ended with felicitation to the guest followed by a brief photo session and vote of thanks being delivered by **Dr. T. Mamatha**, Vice-Principal, SNVPMV.







SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA



CERTIFICATE COURSE Hands-On Training on Analytical Instruments

27th June to
12th July 2023

Organised By

Department of Pharmaceutical
Analysis

COURSE CONTENT

MODULE-1

An Overview of instrumental analysis

- Types of instruments
- Schematic representation of components
- Calibration
- Spectral Interpretation (IR, NMR, Mass spectra)

MODULE-2

Hands - on training

- UV- Visible Spectrophotometer
- ATR- FTIR
- HPLC
- LC-MS/MS
- Industrial visit

REGISTER NOW



Course co-ordinators

Dr. P. Vivek Sagar Dr. K. Srisha Dr. K. Neelima

Mrs. R. Swetha Sri Mrs. N. Indira

Patrons

Dr. T. Mamatha Dr. T. Saritha Jyostna Dr. N. Srinivas Sri. Sainath
Vice- Principal Principal Director Dayaker Shastry
Hon. Secretary

Chief Patron

Dr. B. Prabha Shankar
Chairman, SNVPMV

HIGHLIGHTS

- Invited lectures from industry and academia
- Hands on practice with practical sessions
- Field visit for all registered students
- Certificate will be issued upon successful completion of course



We cordially invite you to a seminar on

LEARNING OF NMR SPECTROSCOPY AND ITS APPLICATIONS

Organized by Department of Pharmaceutical Analysis



SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA

(Sponsored by the Exhibition Society)
(Approved by AICTE & PCI, Affiliated to Osmania University)

NBA ACCREDITED B. PHARMACY COURSE



Speaker:

Dr. A.V. SUBRAHMANYA SARMA

M.Sc(Chemistry), Ph.D.

Senior Principal Scientist

CENTRE FOR NUCLEAR MAGNETIC RESONANCE
CSIR-Indian Institute of Chemical Technology
Tarnaka, Hyderabad, Telangana

Presided by:

Dr. B. Prabha Shankar

Chairman, SNVPMV

Co-ordinated by:

Dr. K. Sirisha, Dr. P. Vivek Sagar, Dr. K. Neelima

Department of Pharmaceutical Analysis

5th July, 2023 - 2.00 p.m. onwards

SNVPMV Auditorium

Dr. T. Mamatha
Vice-Principal

Dr. T. Saritha Jyostna
Principal

Dr. N. Srinivas
Director

Sri V. Sainath Dayaker Shastri
Hon. Secretary

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DEPARTMENT OF PHARMACEUTICAL ANALYSIS

Welcomes you all for a Seminar on

'LEARNING OF NMR SPECTROSCOPY AND ITS APPLICATIONS'

Date: July 5, 2023, Time: 2.00 PM onwards

Speaker

Dr. A.V. SUBRAHMANYA SARMA
Senior Principal Scientist

CENTRE FOR NUCLEAR MAGNETIC RESONANCE
CSIR-Indian Institute of Chemical Technology
Tarnaka, Hyderabad, Telangana



Presided by:

Dr. B. Prabha Shankar
Chairman, SNVPMV

Co-ordinators:

Dr. K. Sirisha, Dr. P. Vivek Sagar, Dr. K. Neelima
Department of Pharmaceutical Analysis

ORGANIZED BY



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PHARMACY MAHA VIDYALAYA**

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