

**SYNERGISTIC TRAINING PROGRAM UTILIZING
THE SCIENTIFIC AND TECHNOLOGICAL
INFRASTRUCTURE**

**DST SPONSORED WORKSHOP UNDER STUTI PROGRAMME
INSTRUMENTATION FOR PHARMACEUTICAL
& NUTRACEUTICAL INDUSTRIES**

October 13, 2022 - October 19, 2022

► **Organised by**
Department of Chemistry,
School of Advanced Sciences (SAS) &
Career Development Centre (CDC)

► **In Collaboration with**
Jamia Hamdard PMU, New Delhi

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Dr. G. Viswanathan, *Chancellor*

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DST STUTI- PMU Coordinator
Incharge Centre for Translational & Clinical Research
Jamia Hamdard, New Delhi

Speakers



Dr. G. Jayaraman

Professor, SBST,
Vellore Institute of Technology



Dr. Pravir Kumar

Professor and Head of Biotechnology,
Dean, International Affairs,
Delhi Technological University



Dr. G. Karunanithi

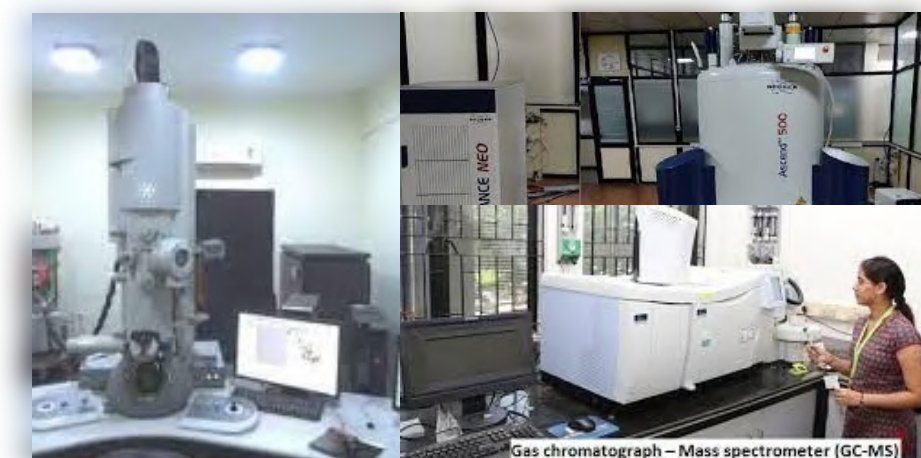
DGM, New Molecules Division,
Anthem Bio Science Private Limited

Contact Us

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Analytical Techniques To Be Covered

- Nuclear Magnetic Resonance (NMR)
- Biomolecular NMR
- Gas Chromatography- Mass Spectroscopy (GC-MS)
- High Performance Thin-Layer Chromatography (HPTLC)
- Transmission Electron Microscopy (TEM)



REGISTER NOW

Last Date to Register:
October 5, 2022

<https://forms.gle/oS6Wbn2qnUeaxRMw8>

- For selected candidates Registration fees, local travel, Boarding and lodging will be covered by DST.
- Interested participants must register and only selected candidates would be invited for the workshop.



SCAN QR

About VIT

VIT was founded in 1984 as Vellore Engineering College by the Hon. Chancellor Dr. G. Viswanathan with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. National Assessment and Accreditation Council (NAAC) has re-accredited (IV Cycle) with a CGPA of 3.66 on a seven point scale at 'A++' Grade. VIT has been ranked 10th in Research, 12th in Engineering Category, 9th in University Category and 18th in Overall Category by the MHRD-NIRF Ranking 2022.

VIT is consistently ranked :

- NAAC - A++ Grade
- Recognised as Institution of Eminence (IoE) by Government of India

The subject of **Chemistry** in VIT is ranked within the **top 10 in India** and **top 401-450 in the world** and **Biological Sciences** ranked with **top 14 in India** as per **QS World University** by Subject 2022 and 14th place at National level with 4 STAR rating in QS World Ranking.

About SAS

School of Advanced Sciences (SAS) is pledged to internationally acclaimed research and inventive instruction with a priority on disciplinary rigor and establish academic achievement. It comprises three academic departments spanning Chemistry, Physics & Mathematics. In QS world ranking by subject Chemistry Top 401-450, Mathematics Top-451-500 and THE ranking for Physical Sciences 601-800.

Programs Offered at VIT

The School offers M. Sc. Physics, RSC accredited M.Sc. Chemistry (Organic/Inorganic/Analytical/Pharma) M. Sc. (Data Science), M. Sc. Integrated Five Year Programs (Computational Statistics and Data Analytics, Chemistry, Physics and Mathematics) and Ph. D. programs.



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

Goals of STUTI Program

The STUTI program envisions sensitization and hands-on-training of the state-of-the-art equipment as well as sharing the S & T facilities while ensuring transparent access. Department of Science and Technology has identified Jamia Hamdard University, New Delhi as Project Management Unit (PMU) and VIT as the coordinator for this workshop.

VIT Vellore is home to state-of-the-art instruments such as NMR, GC-MS, HPTLC and HRTEM and the workshop will explore the theory and practice involved in various types of analysis of molecules important for Pharmaceutical & Nutraceutical Industries and structure determination. Expert talks and hands-on-training arranged in the workshop will provide an idea about the working mechanism of the instruments, concepts as well as problems faced in the analysis of the said samples and offer solutions.