

## About VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College. VIT attracts students from all the states of India and more than 50+ countries because of its academic excellence. VIT has emerged as one of the best institutes of India and is aspiring to become a global leader. Quality in teaching-learning, research and innovation makes VIT unique.

## Credentials of VIT

- ♣ One among the **Top 10** and the only private institution of India (*Shanghai ARWU Ranking 2021*)
- ♣ Ranked within **top 200 in Asia** (*QS - Asia University Rankings 2022*)
- ♣ Seven Subjects of VIT are ranked by **QS World University Ranking** by Subject 2021
- ♣ **12<sup>th</sup> best research institution of India** (*NIRF Ranking, Govt. of India 2021*)
- ♣ **12<sup>th</sup> best engineering institution of India** (*NIRF Ranking, Govt. of India 2021*)
- ♣ NAAC has accredited VIT with highest grade **A<sup>++</sup>** in 2021.
- ♣ Recognized as **Institution of Eminence (IoE)**, Govt. of India.



## Chief Patron

**Dr. G. Viswanathan**  
Founder & Chancellor, VIT

## Patrons

**Shri. Sankar Viswanathan** **Dr. Sekar Viswanathan** **Shri. G. V. Selvam**  
Vice President, VIT Vice President, VIT Vice President, VIT

## Co-Patrons

**Dr. Rambabu Kodali** **Dr. S. Narayanan** **Dr. K. Sathiyarayanan**  
Vice-Chancellor Pro-Vice-Chancellor Registrar

## Conveners

**Dr. N. Arunai Nambi Raj** **Dr. A. Sheela**  
Dean, SAS Associate Dean, SAS

## Co-Conveners

**Dr. Karthikeyan K** **Dr. Rajagopal D** **Dr. James Jebaseelan Samuel**  
HoD, Mathematics HoD, Chemistry HoD, Physics

## Coordinators

### Chemistry

**Dr. Mohana Roopan S**  
9865610356

### Mathematics

**Dr. Jagadeesh Kumar M S**  
9952188371

### Physics

**Dr. Uma Mahendra Kumar K**  
8682023521

### Institution's Innovation Council

**Dr. Leema Rose Viannie**  
9886618809



# VIT<sup>®</sup>

Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

## School of Advanced Sciences

in association with

## Institution's Innovation Council



organizes

# NSD 2022

## 36<sup>th</sup> National Science Day

28<sup>th</sup> February 2022



VIT – Recognized as Institution of Eminence (IoE)  
by Government of India

Vellore Institute of Technology  
Vellore 632014  
Tamil Nadu

## National Science Day

Every year since 1987, National Science Day is celebrated on **28<sup>th</sup> February** to honor our Nobel Laureate and great Indian Physicist Sir. C. V. Raman. It was on this day in **1928** his discovery of the **Raman Effect** came to light at Indian Association for the Cultivation of Science, Kolkata. This breakthrough discovery brought the first Nobel prize in science for our country in 1930. Hence, the nation celebrates it as the **National Science Day**, an important day for Indian Scientific Community. It is a day to innervate **young minds** and to impart scientific spirit.



To commemorate the discovery of Raman Effect by India's first Nobel Laureate **Sir. C. V. Raman (1888 - 1970)**

## School of Advanced Sciences (SAS)

Established in the year 1984, comprises Mathematics, Physics, and Chemistry departments. The school is to provide quality teaching and research which would make an impact at a global level. The school consists of a total of 233 experienced and energetic faculty which includes 116 in Mathematics, 46 in Physics, and 71 in Chemistry.

## SAS Highlights

- Most of the faculty are experts in their research fields, evident from their publications and research funding.
- Many of them are having long years of research experience, both in India and abroad in reputed organizations.
- The departments are recognized by DST-FIST to establish sophisticated instrumental facilities.
- The school offers Masters Programs (2 years) in Physics, Data Science, Business Statistics, Chemistry – Analytical/Inorganic/Organic/Pharmaceutical/ General Chemistry as specializations, and Integrated Master Programs (5 years) in Computational Statistics and Data Analytics, Physics, Maths, and Chemistry. Our MSc Chemistry program is accredited by Royal Society of Chemistry, UK.
- The school offers Ph.D. programs in frontier research areas in all 3 disciplines.
- Currently, we have ongoing projects to the tune of Rs. 11.5 crores and successfully completed several projects to the tune of Rs. 27.032 crores (3.643 million US Dollars).



## Schedule

- 10:00 am - Inauguration**
- 10:30 am - Special Lecture**
- 12:00 pm - Campus Tour (Virtual)**
- 02:30 pm - Idea Presentation (Virtual mode via MS Teams)**
- 04:30 pm - Valedictory**

### Topics for Idea Presentation

- ✓ Green & Sustainable Chemistry
- ✓ Wastewater Treatment
- ✓ Research & Innovation in Sustainable Chemistry
- ✓ Food & Agricultural Chemistry
- ✓ Clean Energy - Generation and Effective Storage
- ✓ Sustainable Water and Waste Management System
- ✓ Space technology for sustainable development
- ✓ Mathematics for Green Technology
- ✓ Mathematics for a self sufficient society
- ✓ Techniques of Data Analytics for a sustainable future

## No registration fees

Last date for registration: 26<sup>th</sup> Feb 2022

Registration link

<https://forms.gle/ks9t1prGr9AZZvv98>



**\*Best Presentation & Cash Award.**  
**\*E-certificate** will be provided to all participants.