

**TAMILNADU STATE COUNCIL FOR
SCIENCE AND TECHNOLOGY, CHENNAI**



**NATIONAL COUNCIL FOR SCIENCE
AND TECHNOLOGY
COMMUNICATION, NEW DELHI**

Supported

**Refresher Programme in Physics for
Higher Secondary School Teachers**

Under the Scheme of

Popularisation of Science Activities

07 October 2023



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

Organized by

**Department of Physics
School of Advanced Sciences
Vellore Institute of Technology
Vellore 632 014
Tamilnadu**



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Coordinators

Dr. N. R. Sathya Swaroop

Professor, Physics, SAS

Dr. S. Balakrishnan

Associate Professor & HoD, Physics, SAS

About VIT

VIT has made a mark in the field of higher education in India imparting quality education in a multi-cultural ambience, intertwined with extensive application - oriented research. VIT was established with the aim of providing quality higher education at par with institutions of international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education in all fields of science and technology. VIT was established by the well-known educationalist and former parliamentarian, honourable Dr. G. Viswanathan, the Founder and Chancellor, a visionary who transformed VIT into a Centre of excellence in higher technical education. In Engineering and Technology, VIT stands 240th best in the World and the 9th best in India (as QS World University Ranking 2023). Also based on the same survey, Eight subjects of VIT are within the top 500 in the world. It is ranked the 9th best university and 10th best research institution and the 12th best engineering institution in India (NIRF ranking, Govt. of India 2022). It is ranked within the top 200 universities in Asia (QS – Asia University rankings 2022) and has got A++ in the 4th cycle of NAAC accreditation.

VIT – A place to learn; A chance to grow

SAS

School of Advanced Sciences, a platform for an individual in VIT, is pledged to internationally acclaimed research and inventive instruction with a priority on disciplinary rigor and establishing academic achievement. SAS comprises three academic departments spanning Mathematics, Physics, and Chemistry. The school offers Ph.D. research programs in all these disciplines and Master's Programmes in Mathematics, Physics, and Chemistry.

About Physics Department

The Physics Department is secured 12th rank in India and 451-500 brackets in the world as QS ranking. Department offers credit based courses in basic Physics to undergraduate first year engineering (B.Tech.) and also electives to UG. The Department also offers 2 Year Master of Science (M.Sc.) in Physics and 5 Year Integrated (M.Sc.) in Physics. The department is strengthened with 66 Faculty Members with international research exposure. The Physics Department is equipped with different research laboratories. Major areas of research includes Experimental & Theoretical condensed matter Physics, Materials Science, Non-linear optics, Astro-Particle Physics, Surface modifications, Photonics, Quantum Computation and so on.

VIT – A place to learn; A chance to grow

Resource Persons

Prof. Rita John

Department of Theoretical Physics
University of Madras, Chennai

Prof. P. Ravindran

Department of Physics
School of Basic and Applied Sciences
Central University of Tamil Nadu, Thiruvavur

Subject experts of Higher Secondary Physics Books

Who Can Participate

School Teachers Handling Physics
Subject for 11th & 12th Standards

Venue:

Kamaraj Auditorium, Technology Tower

Time	Event
9:30	Registration of the participating Teachers
10:00	Inauguration
10:45	Refreshments & Photo Session
11:00	Talk by the subject expert
12:00 Noon	Talk by the subject expert
1:00	Lunch
2:00	Research Lab Visit
3:00	Demonstration of simple physics experiments
3:45	Refreshments
4:00	Certificate Distribution & Closing Ceremony

REGISTRATION FORM

Name (IN BLOCK LETTERS):

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Qualification:

Name of the School & Address:

Gender: MALE/FEMALE (✓)

E-mail:

Contact No:

Teacher Signature:

Signature & Seal of Principal/Headmaster:

IMPORTANT INFORMATION

- ☞ Registration will be on first come-first serve basis
- ☞ No Registration Fee & No Spot Registration
- ☞ No Accommodation will be provided
- ☞ Teachers should get signature & seal of School Headmaster in the registration form.
- ☞ The completed form should reach us by Email/WhatsApp on or before 03 October 2023.

ADDRESS FOR CORRESPONDENCE

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