

# Virtual International Transdisciplinary Conference (VITC-2020)

26<sup>th</sup>-28<sup>th</sup> August 2020

Organized by

Department of Physics  
School of Advanced Sciences  
Vellore Institute of Technology  
Vellore-632 014, TN, India

Registration is free

Special Awards for the Best  
Presentation in Each Session

Registration link

<https://vit.ac.in/VITC-2020/index.html#register>

E-certificate will be given to  
all the registered participants

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## About VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown steadily to that of having more than 39,000 students. VIT attracts students from all the 29 states of India and from more than 50 countries because of its excellence. The credentials of VIT in academics and research have placed VIT in the 13th position among the engineering institutions and VIT Business School in the 17th position among the business schools in India by NIRF, Govt. of India. The world ranking body called QS (Quacquarelli Symonds) has given 4 STAR rating to VIT and with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the "Excellence in Faculty". VIT has the record of publishing maximum number of SCOPUS indexed research articles in 2016, among Indian Universities and also overtaking all the premier institutions. VIT has also completed 3 cycles of NAAC accreditation and has been rated as "A" grade institution. In addition, VIT also has obtained the coveted ABET accreditation by US agency. VIT has introduced many innovations in academic processes such as FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning and fully digitized academic portals that assist students in equipping themselves for 2020 market place. Govt. of India recognized VIT as an Institute of Eminence (IoE). VIT is ranked top 450 Universities in the world and No. 1 private institution in Engineering & Technology in India.

## About Physics Department

The Physics Department comes under the School of Advanced Sciences which offers credit based courses in basic Physics to undergraduate first year engineering (B.Tech.) and also electives to UG. The Department also offers credit based postgraduate programme, Master of Science (M.Sc.) in Physics and Ph.D Programme. The Physics Department is equipped with different laboratories viz., Thin Films/Sensors/Energy Conservation; Crystal Growth; Gel Dosimetry/ Laser Spectroscopy; Nonlinear Fiber Optics/ Photonics; Bio Physics; Condensed Matter Physics; Material Science; Medical Physics/Nuclear Physics; X-Ray Crystallography; Ultrasonics; Thin Film Technology; Bio-Materials; Surface Engineering; Synthesis and Characterization of Nanomaterials. The Physics Department is strengthened with 43 Faculty Members. Recently department received DST-FIST project for Vibrating Sample Magnetometer (VSM).

## About the Conference

Modern scientific and technological developments are the result of collaborative efforts based on various aspects of science and engineering. For this, exchange of ideas among scientists and researchers belonging to different streams of science, technology and industry are necessary. In this regard, Physics department of Vellore Institute of Technology, Vellore is bringing up a unique opportunity for students and researchers to experience lectures/talks from experienced scientists from across the globe.

We are organizing a Virtual International Transdisciplinary Conference (VITC-2020) from 26<sup>th</sup> to 28<sup>th</sup> of August 2020, where speakers from different scientific expertise will share their knowledge and experience. As a virtual conference, we have the flexibility of inviting the experts from different area of research from all over the world, which is not easily possible at an in person event. The goal of VITC -2020 is to create an opportunity for the participants to think and collaborate in transdisciplinary subjects.

## Invited Speakers

**Prof. Fikret Yildiz**, Turkey

**Prof. Giuseppe Maruccio**, Italy

**Prof. Günter Reiss**, Germany

**Prof. Harishkumar Madhyastha**, Japan

**Dr. Kumar Mukesh**, UK

**Dr. Jesurai Rajan**, Germany

**Dr. Michiko Yoshitake**, Japan

**Prof. Nakeeran**, UK

**Prof. Prashanth Sonar**, Australia

**Prof. Raghavan Natarajan**, Singapore

**Dr. Rao Papineni**, USA

**Prof. Satheesh Krishanmoorthy**, UK

**Prof. Satoshi Kokado**, Japan

**Dr. Sumeet S. Aphale**, UK

**Prof. Valeriy E Arkinchev**, Russia

**Prof. Yasuhiro Hayakawa**, Japan