

Three Days Online FDP

On

Engineering in Nuclear Technology

13th – 15th May 2022



Organized by

Micro and Nano devices Research Group

School of Electronics Engineering (SENSE)

Vellore Institute of Technology Chennai Campus



Topics to be covered

- ✓ Importance of Vibration measurement in Nuclear technology
- ✓ Application Electromagnetics in Sodium Technology
- ✓ Nuclear Instrumentation in FBTR
- ✓ Importance and process of Nuclear waste management system
- ✓ Basics of Nuclear Physics in Fission reactor and Importance of Nuclear energy
- ✓ Overall importance and Safety Aspects of Nuclear Reactors
- ✓ Story of Inventions in advance optics for Industrial and Medical applications

Coordinators

Dr. J. Sathya Sree

Email: sathyasree.j@vit.ac.in, Mobile No.: 9445107048

Dr. V. Kiruthika

Email: kiruthika.v@vit.ac.in, Mobile No.: 9443086847

Who can Attend

Faculty members
Industry persons, Engineers from R&D organization
Research Scholars, PG students

How to Register

Interested participants apply through online registration
link : <https://vitchennaievents.com/>
E-Certificate will be issued to all the participants
Free Registration

Last date for Registration: 12th May 2022

About VIT

VIT for the past 36 years has made a mark in the field of higher education in India imparting quality education in a multicultural ambience, intertwined with extensive application-oriented research. VIT was established with the aim to provide 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. VIT was established by a well-known educationalist and former parliamentarian, Dr. G. Viswanathan, Founder and Chancellor, a visionary who transformed VIT into a center of excellence in higher technical education. Govt. of India recognized VIT as an Institution of Eminence (IoE). ARIIA, Govt. of India recognized VIT as a No. 1 Private University for Innovation. MHRD, Govt. of India ranked VIT as No.15 among the Engineering Institutions (NIRF-2020 ranking). VIT Chennai is ably spearheaded by Mr. Sankar Viswanathan, Vice President, Ms. Kadhambari S Viswanathan, Assistant Vice President, Dr. Rambabu Kodali, Vice-Chancellor and Dr. V. S. Kanchana Bhaaskaran, Pro Vice-Chancellor. They share in the mission to make VIT a global leader.

ABOUT SENSE

The School of Electronic Engineering (SENSE) at VIT Chennai was established in 2010 when this campus was set up in Chennai. The School offers two B.Tech. programmes, one in Electronics and Communication Engineering and the other in Electronics and Computer Engineering. It also offers two M.Tech programmes, one in Embedded Systems and the other in VLSI Design. In addition, Ph.D. research programme is offered in the areas of Electronics, Communication and Computer Engineering and their allied fields. The School has modern state-of-the-art laboratories in the areas of Semiconductor Devices, Micro and Nano Devices, Analog Circuit Design, Digital System Design, Digital Signal Processing, Embedded Systems and Architecture, Microprocessors and Microcontrollers, Communication Engineering, Wireless Technologies, Internet of Things (IoT), Microwave and Optical Communication, Computer Networks and Advanced VLSI Design.

Resource Persons



Dr. A Ramarao
Distinguished Nuclear
Scientist, BARC,
Vibration LAB (retd.)



Dr. K. K. Rajan
Distinguished Nuclear
Scientist, IGCAR, (retd.)
& Principal, Viswajyothi College
of Engineering and Technology,
Muvattupuzha, Kerala



Shri. S Sridhar
Associate Director, PFBR



Shri. Biplab Pal
Retd. General Manager,
INRP-K, Nuclear
Recycle Board, BARC



Shri. S.S.Biswas
Scientific Officer/F and
Engineer In Charge,
(Design and R&D), PFBR



Dr. Ramendra Lal Mukherjee
Indian Scientist recognized by
World Intellectual Property
Organization, Geneva,
Switzerland



Shri. V. Rajanbabu
Former CMD In-charge,
BHAVINI



Mr. S Ravi Shankar
Senior Technical Engineer (Conventional),
Madras Atomic Power Station