VIT®

Vellore Institute of Technology

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

Short Term Training Programme on

Recent Trends in Antenna Engineering and its Applications

16th to 18th April 2020

Vellore Institute of Technology (VIT)

VIT was founded in 1984 as Vellore Engineering College by the Chancellor G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 33,000 students. Students from all the states of India and from more than 50 countries are studying at VIT. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives. Currently, VIT has 4 campuses in Vellore, Chennai, Amravati (AP) and Bhopal (MP).

The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India in the year 2016, 2017, 2018 and 2019. VIT has been awarded as No.1 Private Institution for Innovation (ARIIA 2019 Award) by Govt. of India. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is the first and only University in India to get 4-star rating from QS, the world universities ranking organization. Govt. of India recognizes VIT as an Institute of Eminence (IoE) in 2019 to become the world's best.

Organized by

Department of Communication Engineering

School of Electronics Engineering (SENSE)

Vellore Institute of Technology (VIT),

Vellore - 632014.

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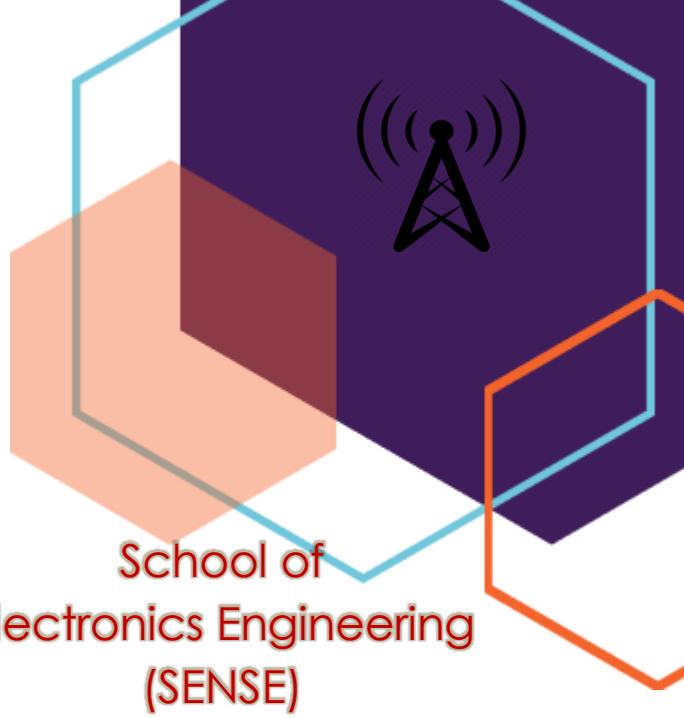
Department of Communication Engineering
School of Electronics Engineering (SENSE)



School of Electronics Engineering (SENSE)

School of Electronics Engineering (SENSE) at Vellore Institute of Technology was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. B.Tech. Electronics and Communication Engineering is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. Eligible Students are placed on campus and many of them are placed in core companies every year.

The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. The latest simulation tools are used to cater to various specializations and are equipped with facilities for measurement, characterization and synthesis of experimental as well as theoretical results. Students are encouraged to take up their final year projects abroad too. The School has many industry sponsored advanced laboratories for carrying research and development. MoUs with many Foreign Universities, Research Organizations and Industries facilitate student and faculty exchange. Faculty are actively involved in R&D activities and are working on research projects funded by government organizations like DRDO, ISRO (RESPOND), BRNS and agencies like DST.

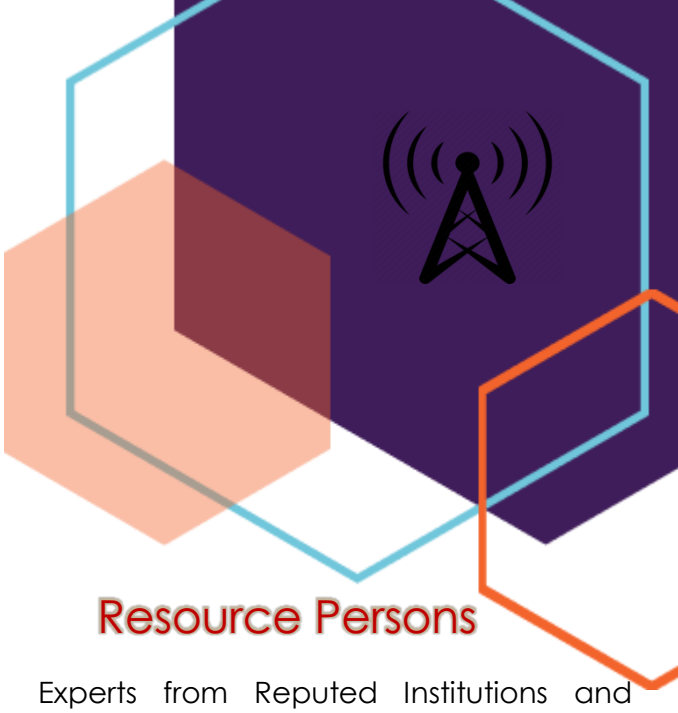
About the Programme

Representatives of industries and academia have started to look into product oriented research rather than the contemporary research. In recent times, there has been significant contribution in the areas of Microfluidic antenna, CNT based implementations, optically transparent antennas and so on. To meet the industry requirement it is necessary to equip ourselves with the cutting edge technologies and to explore the new avenues.

The objective of the training program is to provide strong antenna fundamentals, recent advancements and research outcomes pertaining to 5G implementations. The workshop will include sessions focused on technologies, techniques and applications with intent to foster the exchange of knowledge and ideas between experts. It will be a good platform for those who started their research in the field of RF and Antenna design.

COURSE CONTENT

- Antenna Fundamentals
- Vehicular Antennas
- Optically transparent Antenna
- Frequency Selective Surface
- CNT Antenna
- Micro Fluidic Antenna
- FSS in Antenna Design
- MIMO Antennas
- Antenna Design towards 5G
- Hands On training on HFSS & CST Microwave Studio
- Antenna Measurements (Anechoic Chamber)



Resource Persons

Experts from Reputed Institutions and Industries will be facilitating the training programme.

Eligibility

The training programme is open to Industry personnel, Engineering Faculties, Research Scholars and UG/PG students.

Total Seats available: 50

Registration Fee

Category	Fee (Inclusive of 18% GST)
Industry Personal	**Rs. 2,950/-**
Faculty	**Rs. 2,360/-**
Research Scholars/UG/PG	**Rs. 1,770/-**

Important Dates

Last date of Registration : 08.04.2020
Confirmation of participation : 10.04.2020

Venue

Technology Tower (TT), VIT Vellore: TT-312

For Registration and fee payment please visit the below link:

http://info.vit.ac.in/Events-VIT/Antenna-Engineering/apply.asp

Accommodation (Dormitory type) will be provided on request (PAYABLE)