IEEE sponsored
National Workshop on
Antenna Design using HFSS software

29th October 2018

REGISTRATION FORM

Name: ----------

Designation: ----------

Affiliation: ----------

E-Mail: ----------

Mobile No: ----------

Contact Address: ----------

UTR Number: ----------

Amount Transfer Date: ----------

Bank: ----------

Signature of the Participant

NOTE:

Kindly do electronic transfers of funds (NEFT/IMPS) to KITS bank account:

Branch name	Axis Bank Ltd
Branch	Pappanaickan Palayam, Coimbatore-641037
Bank account	918010091473867
Name of the account	Karunya Institute of Technology and Sciences Account Fees
IFSC code	UTIB0000090

The registration can be done through online too. The link is available in the backside of the brochure

ORGANISING COMMITTEE

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Dr. Paul Dhinakaran,
Founder & Chancellor, KITS

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ORGANISING SECRETARIES

Dr. M. Nesasudha, Department of ECE
Mr. Merlin Gilbert Raj S, Department of ECE
Mrs. Shine Let G, Department of ECE

FOR FURTHER DETAILS PLEASE CONTACT

Dr. M. Nesasudha,
Dept. of Electronics and Communication Engg
Karunya Institute of Technology and Sciences
Karunya Nagar, Coimbatore – 641 114
Tamil Nadu.
Phone: +91-9443010445/+91-9488175836
Email : nesasudha@karunya.edu

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29th October 2018
Monday

Organized by
Department of
Electronics and Communication Engineering

Karunya Institute of Technology and Sciences
(*Declared as Deemed to be University under Sec. 3 of the UGC Act 1956*)
AICTE Approved & NAAC Accredited
A Christian Minority Residential Institution
Coimbatore – 641 114
Phone: 0422-2614393
www.karunya.edu/ece

ABOUT THE INSTITUTE

Karunya Institute of Technology and Sciences (KITS) was established in 1986 by the founders Dr. D.G.S. Dhinakaran and Dr. Paul Dhinakaran. Making rapid progress ever since, the Institute has now grown into an Institute of Technology and Sciences winning recognitions and awards on its way: Best Engineering College in Tamilnadu (1996), first-ever autonomous self-financing college (2000), and Deemed University (2004). The Institution has excellent academic, research and extra-curricular facilities effectively utilized by well- qualified and dedicated faculty and over 8500 students.

DEPARTMENT OF ECE

It is established in the year 1986 with an intent of raising highly qualified engineers and researchers who can make substantial contribution to the field of Electronics and Communication Engineering. The Department has well equipped laboratories with latest software. Karunya-IOT centre is established in the department in collaboration with Texas Instruments and INTEL. Currently, funded projects of worth Rs. 75,78,000 /- from DST and DRDO has been carried out in the programme. The objective of the department is to train students with good scientific and engineering breadth so as to comprehend, analyze, design, and create novel products and solutions for the real life problems. The department actively collaborates with industries such as Texas Instruments, Salzer Pvt Ltd, Jasmin Info Tech, Einnel Technologies and Intel Technology India Pvt.Ltd.

Vision of the department: Raising leaders who can make substantial contribution in the field of Electronics and Communication.

Mission of the department: To raise engineers and researchers with technical expertise on par with international standards, professional attitudes and ethical values with the ability to apply acquired knowledge to have a productive career and empower spiritually to serve humanity.

PEO1: Graduates will apply their technical knowledge in the areas of Electronics and Communication Engineering for real world applications.

PEO2: Graduates exhibit competence as academicians, researchers by pursuing continuous professional development.

PEO3: Graduates with professional ethics will contribute to the development of the society as entrepreneurs, consultants and in various other leadership positions.

About ANSYS HFSS

ANSYS HFSS is 3D electromagnetic (EM) simulation software for designing and simulating high-frequency electronic products such as antennas, antenna arrays, RF or microwave components, high-speed interconnects, filters, connectors, IC packages and printed circuit boards. Its offer high performance full-wave electromagnetic (EM) field simulator for arbitrary 3D volumetric passive device modeling that takes advantage of the familiar Microsoft Windows graphical user interface. ANSYS HFSS employs the Finite element method (FEM), adaptive meshing and brilliant graphics to give you un-parallel performance and insight to all of your 3D EM problems. ANSYS HFSS can be used to calculate parameters such as S-parameters, Gain, and Radiation pattern.

Outline on Workshop Agenda

- ✓ Introduction to HFSS
- ✓ Steps involved in Modeling
- ✓ Design of Basic Antenna Model
- ✓ Boundary Conditions
- ✓ Excitations(Port Assignment)
- ✓ Analysis & Solution Set-up
- ✓ Parametric Study & Results

HOW TO APPLY?

Fill-in the online registration form along with NEFT/IMPS transfer details on or before 25th October 2018. Faculty Members, Research Scholars and PG students from Engineering Colleges and Universities are eligible to attend.

REGISTRATION LINK

https://goo.gl/forms/z1mbq5FjpQtNb5C63

REGISTRATION FEES:

Rs. 500/-

- ✓ Limited Seats only. First Come First Serve
- ✓ Registration confirmation will be sent via email on or before **26th October 2018**