

Faculty Development Program

on

"DESIGN AND ANALYSIS OF RF ANTENNAS USING HFSS SOFTWARE"

07th to 11th November 2017

In association with

IETE VIJAYAWADA CHAPTER



सह वीर्यं करवावहे

Institution of Electronics & Telecommunication Engineers

Convener

Dr. T. J. V. Subrahmanyeswara Rao

Professor & HOD

Organized by

Department of

ELECTRONICS AND COMMUNICATION ENGINEERING



(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada and SBTET-Hyderabad, Accredited by NAAC with 'A' Grade and NBA, Recognized by UGC 2(f) & 12(B)), Ranked as 'A' Grade by Govt. of A.P.,
Kadakatla, TADEPALLIGUDEM- 534 101

ABOUT THE INSTITUTION

SASI Institute of Technology & Engineering started in the year 2002, and it has set to compete with the best in the state. There are eight departments offering seven undergraduate and six postgraduate courses. The campus is located amid lush green fields in the spacious area of 28 acres offer world class facilities. SITE believes in creating and disseminating knowledge and skills in core and frontier disciplines through innovative educational programmes, Industrial Training, Research & Consultancy, it also aims at developing a new cadre of Professionals with a high level of Competence, deep sense of Social Commitment, and Ethics. SASI stands with highest success rate not only in academic lines but also in placements. The College has excellent infrastructure, well equipped laboratories and highly qualified and experienced faculty. SITE approved by AICTE-NEW Delhi, accredited by NBA & NAAC with "A" grade, permanently affiliated to JNTUK Kakinada, recognized by UGC 2(f) & 12(B)) and ranked as "A" grade by Government of AP.

ABOUT THE DEPARTMENT

The department of ECE has excellent infrastructure facilities, laboratories and experienced faculty. The mission of the department is to provide quality and effective training program in the domain of Electronics and Communication Engineering through curriculum, state of art laboratories, industrial collaborative programs, effective learning and teaching process, extra and co-curricular activities. The department is well equipped with advanced hardware like Vertex5, ARM9 and Rabbit Core and Software tools like MATLAB, Multisim, Xilinx & Mentor Graphics with latest versions.

ABOUT THE PROGRAM

The requirement for efficient and low profile antennas has fuelled research work in the development of antenna structures with performance considerably enhanced over the traditional antenna structures and methodologies. This program is planned to provide platform for the research scholars and academicians with view to explore and exchange the information on the progress of RF antenna designs. It focuses on the applications of advanced artificial materials for the antenna design and to create concrete foundation for further implementation of communication devices using HFSS software. It brings together the aspirants towards the industrial needs in the field of communication. During this FDP all the participants will have hands on experience with the antenna simulation tool HFSS and also able to design and simulate different models of antennas.

Contents of the program

1. Basic Antenna Theory
2. Different Feeding Techniques Using HFSS
3. Frequency Selective Surfaces Using HFSS
4. Defected Ground Structures(DGS) using HFSS
5. Ultra-wideband antennas Design using HFSS.
6. Design of MIMO Antennas using HFSS
7. Meta-material Antennas
8. Open research issues.

ELIGIBILITY

The program is open to all faculties, Research Scholars and M.Tech students of Engineering colleges/ universities and industry personnel's working in the allied research areas.

RESOURCE PERSONS

Dr. N.V.S Narasimha Sarma
Professor, NIT Warngal

Dr. B.T.P Madhav
Professor, KL University

Mr. N. Pavan Kumar
HOD & Technical Manager,
ARK Infosolutions Ltd., Hyderabad.

Mr. Vishumendra
Senior Application Engineer,
ARK Infosolutions Ltd., Hyderabad.

HOW TO REACH

The college is located on NH-16 between Vijayawada and Vizag. It is located 110kms from vijayawada. From Tadepalligudem Railway station it is just 3kms and from Bus station it is only 2kms away.

REGISTRATION

The number of registrations are restricted to 50 with registration fee of **Rs. 1500/-** for all categories of participants. Shared accommodation in the hostel rooms, food, snacks and registration kit will be provided at free of cost. No TA is provided and registration amount is to be deposited to the given Bank account number. Send duly filled scanned registration form along with acknowledgement of bank copy to the below email address. Spot registrations are not offered. Shortlisted applicants will be intimated through email.

Account Number: **6209894690**

Account name: **Department of ECE Association**

Branch name: **Indian bank, Tadepalligudem**

IFSC Code: **IDIB000T001**

E-Mail: **hodece@sasi.ac.in**

A certificate of participation will be issued to all the participants after successful completion of the program.

Last date for registration 23-10-2017

Note: Brochure & registration form can also be downloaded from our college Website:
<http://www.sasi.ac.in>

Chief Patrons

Sri. B. Venu Gopala Krishna

Chairman

Sri. B. Ravi Kumar

Vice Chairman

Patrons

Dr. K. Bhanu Prasad

Principal, SITE

Prof. N. Venkatarao

Dean Academics, SITE

Convener

Dr. T.J.V Subrahmanyeswara Rao

Professor and Head, Department of ECE

Coordinators

Mr. A. Kabirdas

Associate Professor, Department of ECE

E-Mail: akabirdas@sasi.ac.in

Phone: 9000560323

Mr. K. Chandra Sekhararao

Assistant Professor, Department of ECE

E-Mail: kchandrasedkhar@sasi.ac.in

Phone: 7658972277

Faculty Development Program

on

**“DESIGN AND ANALYSIS OF RF
ANTENNAS**

USING HFSS SOFTWARE”

07th to 11th November 2017

Registration Form:

Please complete the details below and mail it to the address overleaf along with the Bank acknowledgement copy.

1. Name: _____

2. Designation: _____

3. Address (Office): _____

4. Phone (Mob.): _____

5. E-mail (compulsory): _____

6. Male/ Female: _____

7. Highest academic qualification: _____

8. Accommodation Required(Y/N): _____

Place:

Date:

Signature of the Applicant

Signature of Head of the Department with seal