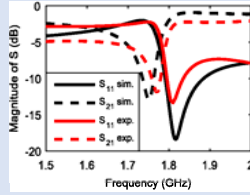
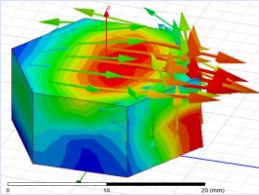
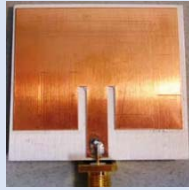


# QIP Short Term Course on

## Recent Trends in Antenna Analysis and Design

RTAAD – 2017

15<sup>th</sup> – 20<sup>th</sup> May, 2017



### Coordinator(s)

**Dr. Biswa Binayak Mangaraj**

Associate Professor

Department of Electronics and Telecomm. Engineering

&

**Mr. Hrudananda Pradhan**

Assistant Professor

Department of Electronics and Telecomm. Engineering



Veer Surendra Sai University of Technology,  
Siddhi Vihar, Burla, Odisha -768018  
[www.vssut.ac.in](http://www.vssut.ac.in)

### ELIGIBILITY

The course is open for all the teachers of degree level technical/engineering colleges/institutions approved by AICTE. No course fee is charged for participants sponsored by AICTE approved institutions. However, a caution money deposit of Rs.1000/- has to be deposited by the selected participants, which will be returned at the end of the course. Few seats will be available for participants from other Government and Private organizations. Engineers from industries are also eligible, provided they meet their TA and DA. A course fee of Rs. 3000/- will be charged to these participants, which will entitle them to carry out the course and receive the course material. **The payment has to be made through DD, drawn on any Nationalized Bank and in favor of "Coordinator QIP STC on RTAAD", payable at Burla.**

### FINANCIAL ASSISTANCE

Limited number of participants from the AICTE recognized institutions will be eligible for III AC to and fro railway fare (via shortest route from the place of work). Only the candidates attending the full course will be eligible for TA and DA.

### VENUE

The course will be arranged in the Golden Jubilee Seminar Hall of VSSUT, Burla

### BOARDING & LODGING

Boarding and lodging facilities will be provided for the limited candidates from AICTE approved institutions in the institute guest house based on availability. However, lodging facility in students hostel can be arranged for others subject to availability on payment basis

### IMPORTANT DATES

The last date for receipt of duly filled applications is **10<sup>th</sup> April, 2017**. Intimation of selection of candidature will be communicated through e-mail by **15<sup>th</sup> April, 2017**. **Note:** Interested candidates may send an advance copy of the completed application by fax/email to avoid procedural/postal delay.

### SPONSORSHIP

#### (a) For applicants from AICTE approved institutions

Prof./Dr./Mr./Ms. \_\_\_\_\_ is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the short term course on "**Recent Trends in Antenna Analysis and Design (RTAAD) – 2017**" at VSSUT, Burla to be held from 15<sup>th</sup> to 20<sup>th</sup> May, 2017, if selected.

Date: \_\_\_\_\_ Signature of Sponsoring Authority

Office Seal: \_\_\_\_\_ Designation

#### (b) For applicants from other Government and Private organizations

DD NO: \_\_\_\_\_ Date: \_\_\_\_\_

Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Signature of the Applicant

The duly completed application should be mailed to

**Mr. H. Pradhan / Dr. B. B. Mangaraj**

Coordinators, QIP STC on RTAAD – 2017

Department of Electronics Telecommunication Engg.  
Veer Surendra Sai University of Technology Odisha,  
P.O:- Engineering College, Burla, Sambalpur-768018,  
Odisha, India

Mob. 9778189596 / 7064401502

Fax:-0663-2430204

E-mail: [rtadvssut@gmail.com](mailto:rtadvssut@gmail.com)

## ABOUT THE UNIVERSITY & DEPARTMENT

Veer Surendra Sai University of Technology(VSSUT), Odisha formerly known as University College of Engineering, (UCE) Burla was formed by Odisha Act 9 of 2009 by upgrading to a non-affiliating Unitary State University which came into force from 1st day of July 2009. VSSUT is located at the foothill of famous Hirakud Dam – longest in Asia. Burla is known as Intellectual Capital of Odisha with VSSUT, VSS Medical College, Sambalpur University, MCL, WESCO, IIM Sambalpur. It is located 12 km away from Sambalpur railway station and 3 km away from Hirakud railway station. VSSUT, Odisha has carved a niche for itself among the best technical institutes in India and is a dream institute for many budding engineers. The University offers B.Tech., M.Tech., Dual Degree, M.Sc, MCA and PhDs. The University is surrounded by a large number of Government, Public and Private industrial sectors such as OHPC, HINDALCO, NALCO, NTPC, OPTCL, Vedanta Aluminium Ltd and Bhusan Steel Plant. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year. The climate in May is hot with occasional wind storms.



Department of **Electronics and Telecommunication Engineering** is the first department of its kind in the state of Odisha and was established in 1972 with a vision to develop new ideas in the field of Communication Engineering. Since more than four decades, this department has produced many high standard and self motivated professionals to serve humanity both nationally and internationally at par excellence .

## SPEAKERS

The series of lectures will be delivered by the faculty members of VSSUT, Burla and eminent speakers invited from NITs, IITs and other premier institutions of India.

## OBJECTIVE

The prime objective of this course is to promote research and recent developmental activities of antenna system designs. The STC aims to bring together scholars, innovative researchers, leading professionals, managers, policy makers and industrial experts to exchange and share their experiences and research activities about all aspects of analysis and design advancements and discuss the practical challenges encountered and the solution strategy adopted.

## COURSE CONTENTS

- Electromagnetic waves and antennas
- Fundamentals in antenna Technology
- Advanced Electromagnetics
- Antennas used for various applications
- Matching networks for antennas
- Feeding techniques for antennas
- Wire antennas and patch antennas
- Conformal antennas
- Metamaterials and antenna miniaturization
- DRA and topologies
- Antenna measurements
- Applications of soft Computing methods in antenna analysis
- Design of antennas using Matlab and tool box
- Design of antennas using HFSS
- Design of antennas using MININEC
- Design of antennas using CST
- Design of antennas using ADS

## COURSE MATERIALS

Registered participants will be provided with set of comprehensive lecture notes, delivered by the speakers.

Veer Surendra Sai University of Technology,  
Siddhi vihar, Burla, Odisha -768018

### **QIP Short Term Course on** Recent Trends in Antenna Analysis and Design (RTAAD) – 2017

15<sup>th</sup> – 20<sup>th</sup> May, 2017

[Application Form](#)

1. **Name (Block letter):**

2. **Designation:**

3. **Organization:**

4. **Date of Birth:**

5. **Address for communication:**

Pin Code:

Mobile:

E-mail:

6. **Academic Qualification (Please tick)**

(a) B.Tech.

(b) M.Tech.

(c) Ph.D.

7. **Specialization:**

8. **Experience (in years):**

(a) Teaching

(b) Industrial

(c) Research

9. Amount of TA requirement as per entitlement mentioned in the brochure (only for AICTE approved colleges) Rs.:

Please register for the course entitled “**Recent Trends in antenna analysis and Design (RTAAD) – 2017**” to be held at VSSUT, Burla during 15<sup>th</sup> – 20<sup>th</sup> May, 2017.

Place:

Date:

**Signature of the applicant**