

Instructions Antenna Fabrication- (For Individuals)

Any participant can fabricate their own prototype antenna by using dry etching Unit (LPKF) under the supervision of expert. Available materials specification are as: (you may bring your material also the sheet size should be A4.

Simulation specification- FR4 material, $h = 0.58\text{mm}$ $\epsilon_r = 4.4$, frequency up to 20GHz, Simulation results and Model should be in dxf /garber file format. Participants will be given access to computer installed with software. Emphasis will be given on interpretation of output and implication for teaching, research and publication

Registration Fee:

Interested candidates should register online by using google form latest by Jan 30th 2017 at the mentioned link-The registration will only be deemed complete if scanned copy of the paid receipt of applicable participation fee is emailed as aws18@dituniversity.edu.in **AWS-18** have limited seats (only 45 seats), so confirmation of seats will be based on first come first serve basis. The program fee for this 3 days workshop is given below-

UG/PG/Scholar/Faculty (Workshop)=Rs1000

UG/PG/Scholar(PosterPresentation)= Rs750

Fee for individual Antenna designing = **Rs1500** design of single element on given materials. However, individuals may get in touch for their personalized fabrications with the organizers.

NOTE- 15 % discount for IETE /IEEE member, and 10% discount for early bird registration.

Awards- Cash prize for best three Poster Presenters

The fee includes the Program Kit, course material, certificate of participation, High Tea & snacks (morning and evening) and lunch, and dinner for those who opt accommodation on paid bases.

Note 1: Paid Accommodation, that will be given on sharing bases, which will offered for 2 night and upto 3rd day morning.

Contact- Dr. Arjun Muduli (07017151266)

Important Dates:

Workshop Registration: 30th Jan 18

Early Bird registration: 15th Jan 18

Paper submission Deadline- 26th Jan 18

Acceptance notification: 30th Jan 18

Final paper submission: 02nd Feb 18

PAYMENT DETAILS:

All payments can be made online, through online transfer/**Paytm on-9557640425** Mr.Rahul Agrawal /**Demand Draft in favour of DIT University Dehradun** for completing the registration process. Kindly click on the following URL to register your details.

URL link- <https://goo.gl/SB6hva>
Bank Detail of DIT University

A/c no 913010053110084 IFS Code UTIB0000093
MICR Code 248022016 Axis Bank Branch Rajpur Road, Dehradun

Note 2: To complete registration process, kindly mail the scanned copy of the receipt of fee deposit by you at

aws18@dituniversity.edu.in,

Mentor -Dr. Gagan Singh (HOD-EECE)

Convener -Dr. Brajlata chauhan



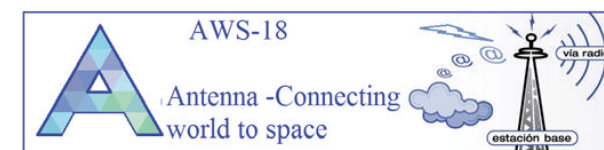
Antenna Workshop

"AWS 18"

on

"Design & development of Antenna"

08-10 February, 2018



Organised By:

IETE-SF Chapter

Department of

EECE

DIT UNIVERSITY

DEHRADUN

About the University

DIT University was founded by **Shri Naveen Agarwal**, the founder of the Unison Group. Founded in 1998, Dehradun Institute of Technology gradually turned from an Engineering college to a University which offers Undergraduate, Graduate and Doctoral programs like Engineering, Pharmacy, Management & Architecture. In 2012, UGC conferred the Autonomous Status to DIT, further in 2013 the Uttarakhand State Government declared DIT as DIT University due to excellence in Education and Research.



ABOUT THE FACULTY OF EECE

DITU prepares UG /PG and research scholars in Electrical Electronics & Communication Engineering Professionals to work in various engineering areas, from the sophisticated bio-medical diagnostic equipments to leading-edge RF and microwave antenna, fiber optic communications, Computers Telecommunications, Consumer Electronics etc, and have a huge range of advanced hardware, software labs, and systems.

About IETE-Student Forum

ISF, Department of EECE DITU (reference No. IFSC-755) has been in existence since Sep 2015. The objective of this Forum is to assist the students in the field of Electronics and Communication Technology by professionals, as well as to facilitate formulation of ideas,

creation of knowledge, development and implementation of technologies of effective solutions for better industrial productivity for the overall development of the students.



About Workshop

The infusion of AWS-18 can be found in the works of academics as well as researcher and practitioners in the industry. After the grand success of AWS-17, department Of EECE is going to organize a 3-day workshop "AWS-18" on "Design & development of Antenna" from **8th-10thFeb. 2018**. The major objective of this workshop is to assemble scholars, researcher and practitioners who are involved in RF microwave and Antenna or related field. We anticipate that this will provide a platform for a fruitful discussion among delegates and participants for a three day event at the foothills of the queen of hills Mussorrie, at DITU Dehradun.

Resource person(s) for the workshop are renowned professionals of the field from prominent institutions like IIT's, DRDO and Industry.

Highlights:

- Lecture series on antenna-Reconfigurable Antennas, Smart antenna, leaky Wave Antenna, Conformal antenna, Cognitive radio antennas etc.

- Modelling of Slotted antenna using CST/HFSS/ADS Software.
- Development of prototype antenna on PCB printed machinePoster presentation (size 3*5 feet or 90*150 cm)

Topics of Poster Presentation

Authors are invited to submit their original research papers / findings for presentation in the following areas of (but not limited to)

Antenna, Microstrip Printed Antennas, modelling, Computational, Electromagnetics, DRA, Electromagnetic Materials, RF and Microwave Power Amplifiers, Devices and Circuits, RFID, Mobile and Wireless communication, Radar and Satellite communication, Wave Propagation and Remote Sensing (WPR), Cognitive radio antennas and networks Broadband wireless access, Sensor Networks and Embedded System, Smart & Green communication systems, antenna in MIMO technology, Digital Com. Project based modeling related to antenna, IOT, transmission and reception, robotics, soft computing will be accepted.

Paper Submission Instruction

Paper must be submitted electronically in IEEE-two column pdf format (maximum of 5 page). The Camera ready paper will be required only after the manuscript is accepted. **Electronic submission via email: aws18@dituniversity.edu.in**

For every paper included, there will be a poster presenter and a designated discussant. Each presenter will have up to 10 minutes to summarize the main points of the paper. Peer reviewed papers will be e-published in the form of a proceeding of the workshop by DIT university.