

**TYPE** : Guest Lecture /Workshop /FDP /Industry Lecture /Others (Specify)

**TITLE** : mm Wave Antennas: Design and Measurement Challenges

**DATE** :11.12.2021 (Saturday)

**TIME** : 11.00 AM to 12.20 PM

**GUEST SPEAKER**

**WITH AFFILIATION** : Mr/.M.Sreenivasan, Scientist – D  
Microwave Communication & Antenna Design,  
Sameer- Center for Electromagnetics, Chennai.

**POSTER MADE** :

**EASWARI ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION  
AFFILIATED TO ANNA UNIVERSITY  
RAMAPURAM, CHENNAI

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

CELEBRATING 25

Organizes Webinar on

**mm WAVE ANTENNAS**  
**DESIGN AND MEASUREMENT CHALLENGES**

11.12.2021 Saturday 10.30 am to 12.30 pm

For IV Year Students

**Mr. M. Sreenivasan**  
Scientist -D  
Microwave Communication & Antenna Division  
SAMEER-Center for Electromagnetics

CONVENOR  
**Dr. M. Devaraju**, Professor & Head / ECE

COORDINATORS  
**Dr. K. Murugesan**, Professor / ECE    **Mrs. S. Uma Maheswari**, Asst. Prof. / ECE

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**TARGET AUDIENCE** : IV Year Students – A,B, C Sections

**No. OF PARTICIPANTS** : 85

**PHOTOS :**



**BRIEF REPORT:**

Chief guest Mr.Sreenivasan, Scientist -D joined through Webex link. The Webinar was started exactly at 11.00 PM. Dr.M.Devaraju, Profesor and HOD -ECE department addressed and encouraged the students to learn more about mmwave antenna system design concepts. Mrs.S.Uma

Maheswari Assistant Professor gave the welcome address. Dr.K.Murugesan Professor/ ECE-department gave introduction about the resource person. Next the session was handed over to the resource person. Mr..Sreenivasan, Scientist-D, gave brief introduction about the basic antenna parameters and important terms related to antenna. He explained how return loss can be measured by using vector network analyser. He also discussed about Indigenous G test bed project which is the collaborative project of IIT-M, IIT-K, IIT-S, IIT-B, IISC, CeWit and Sameer. He gave brief introduction on Multi-probe scanner system for Antenna/ RF module measurements. 85 number of students were actively attended the webinar session and came to know about the new and advanced versions of real time applications of antenna. At the end of session, Dr.K.Murugesan, Professor, gave vote of thanks for audience, participants and specially thanked the management for giving this opportunity .

#### **CONVENER**

Dr. M. Devaraju

HoD/ECE Dept

#### **COORDINATORS**

Dr. K. Murugesan, Prof. / ECE

Mrs. S. Uma Maheswari AP/ECE