



Webinar on "RF Toolbox & Antenna Toolbox"

Target Audience-Faculties and Students

Date and Time: 11.05.2022, 11.30 a.m. to 1.30 PM

Resource Person: Mr. Shubhrajyoti Moitra, ELMAX Systems and Solutions.

This webinar on "RF Toolbox and Antenna Toolbox" was organized by the Department of Electronics and Communication Engineering (ECE), SoET, Bhubaneswar Campus, Centurion University of Technology and Management, Odisha, India. Coordinator: Dr. Harish Chandra Mohanta, HOD, ECE.

Topics Covered:

1. Introduction to Radio Communication & Radio Frequency Network.
2. S-parameter Analysis and application to RF filter design.
3. Design & Analysis of radio frequency network.
4. Modeling and simulation of MIMO RF receiver & beamforming.
5. Design and Analysis of antenna and array.
6. Modeling of antenna and array.
7. Design of antenna with a parabolic reflector for satellite communication.
8. Design and analysis of patch antenna and array.
9. infinite array analysis.

Participant list is attached for reference

1	Mukesh Kumar
2	Lingaraj Pradhan
3	Deepak Kumar
4	Shreya Mishra
5	Abhijit Patra
6	Tamminana.smith Kumar
7	Anwasha Mohanty
8	YEDLA MANIKANTA
9	Deba Priya Manna
10	Md Asif Raza

11	Sk. Shabana
12	Shubham Kumar Tiwari
13	Bimal Kishor Sahoo
14	Badu Kumar
15	Dhiraj Kumar
16	Sahil subudhi
17	Sachidananda Panda
18	Abhishek Kumar Bhagat
19	Rupanita Das
20	Lalbabu Prashad
21	Subhashree Rout
22	Sonam Nayak
23	Lammata Divya
24	Md Saddam
25	Lammata Mounika
26	DOKARA HARI KRISHNA
27	MULAN BAITHA
28	Deepak Kumar Barik
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Live Webinar On RF Toolbox & Antenna Toolbox

AGENDA

Demo on RF Toolbox

1. Introduction to Radio communication & radio frequency network.
2. S-parameter analysis and application to RF filter design.
3. Design & analysis of radio frequency network.
4. Modeling and simulation of MIMO RF receiver & beamforming

Demo on Antenna Toolbox

1. Design and analysis of antenna and array.
2. Modelling of antenna and array.
3. Design of antenna with a parabolic reflector for satellite communication.
4. Design and analysis of patch antenna and array.
5. Infinite array analysis.

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