



ATHARVA EDUCATIONAL TRUST'S

ATHARVA COLLEGE OF ENGINEERING

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Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/20/2022-23

Date:23/03/2023

Report for Hands on session for TE students 2022-23

Event Name	Hands on session for TE students 2022-23
Centre (name)	Atharva College of Engineering
Venue (College/Institute)	Atharva College of Engineering
Date	23rd March 2023 time 11 am to 12.
Speaker	Ms. Meera Kulkarni Assistant Professor, ACE
Topic	Antenna simulation using 4NEC2
Mode of conduction	ACE classroom
Brief Report including above information	<p>Following points were covered in session</p> <ol style="list-style-type: none">1. Introduction to NEC2 was given .The 4nec2 tool is a windows- and Nec-2 or Nec-4 based tool for both the starting and experienced antenna modeler that can be used to create, view and check your antenna geometry structure and generate, display and compare near- and far-field radiation patterns.2. Half wavelength dipole was designed and simulation was carried out to assess antenna based on different parameters such as Radiation pattern, VSWR, Reflection coefficient3. Folded dipole was designed and simulation was carried out to assess antenna based on different parameters such as Radiation pattern, VSWR, Reflection coefficient. <p>The session was interactive and around 50 students attended the session .</p>

Photos of the event




Prof. Kavita Bani
Workshop Coordinator


Prof. Ruchi Chauhan
Workshop Coordinator




Dr. Bhavin Shah
HOD-EXTC DEPT


Dr. Ramesh Kulkarni
Principal