

ATHARVA EDUCATIONAL TRUST'S

ATHARVA COLLEGE OF ENGINEERING

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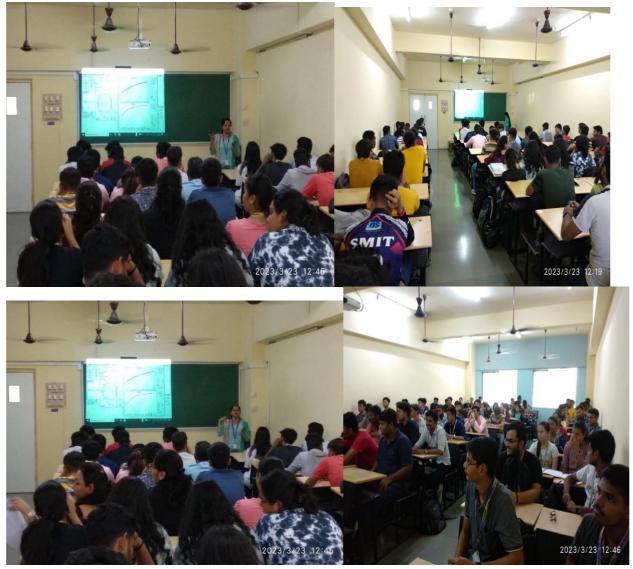
Department of Electronics and Telecommunication Engineering

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 |
| | |
| Торіс | |
| | Antenna simulation using 4NEC2 |
| | |
| Mode of conduction | ACE classroom |
| | |
| Brief Report including above information | Following points were covered in session |
| | 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 coefficient |
| | 3.Folded dipole was designed and simulation was carried out to assess antenna based on different parameters such as Radiation pattern,VSWR,Reflection coefficient. |
| | The session was interactive and around 50 students attended the session . |

Photos of the event



Prof. Kavita Bani Workshop Coordinator

Prof. Ruchi Chauhan Workshop Coordinator

Dr. Bhavin Shah HOD-EXTC DEPT

Dr. Ramesh Kulkarni Principal

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