



Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

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ELECTRONICS AND TELECOMMUNICATION DEPARTMENT

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| Topic Name: | Online Workshop on Importance of Antenna and its Design using HFSS. |
| Name of Guest Speaker: | Mr Arjun Balamurali |
| Designation: | Jr. Research Fellow, DRDO Hyderabad |
| Name of Guest Speaker: | Prof. Prathibha Sudhakaran |
| Designation: | Assistant Prof . at Muthoot Institute of Technology and Science, Kochi |
| Date: | 31st March and 1st April 2023 |
| Time: | 10:00 am to 4:00pm |

Programme Summary:

On 31st March 2023 the department of ELECTRONICS AND TELECOMMUNICATION had organised a 2 day workshop on “Importance of antenna and its design using HFSS”. Speaker Prof. Prathibha Sudhakaran took the session by introducing the basics of antenna and its parameters along with designing of dipole antenna on HFSS software . It came out to be a very interactive session as all the doubts on basics of antenna got cleared.

The first day session ended at 4 pm at the end of the day students were able to design a simple dipole antenna on HFSS.

The second day session was conducted by Mr. Arjun Balamurali who is a Jr. Research fellow at DRDO Hyderabad, he explained in detail about the working of the HFSS software and even taught how to design a Microstrip Patch Antenna on HFSS. He even discussed the importance of antenna and future scope in the field of antenna and job opportunities in this field and research work for the afternoon session he even gave a tutorial like question for the students to solve on designing of antenna.

Overall the two days workshop was a great success as the students were able to learn a new software which is one of the most crucial one in the field of antenna. Both the speakers were amazing towards delivering their knowledge to students which proved to be very helpful for the students.

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