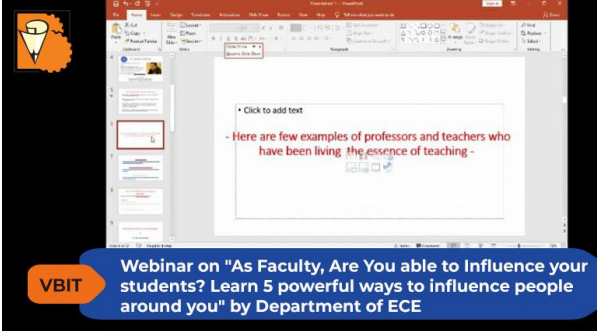
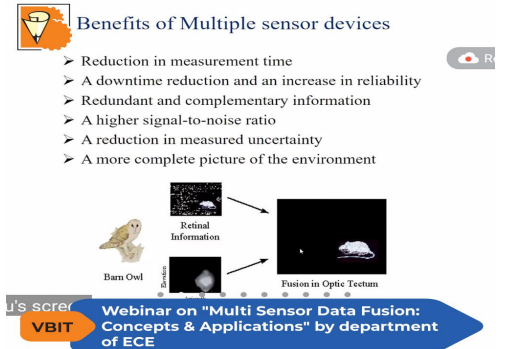
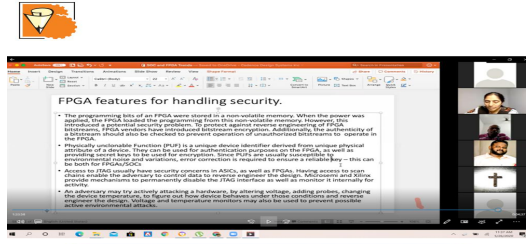


Department Of ECE 2019-2020 Events

S.NO	Title of the Event&Details	Photo
1	<p>06-07-2020 Webinar on “As Faculty, Are You able to Influence your students? Learn 5 powerful ways to influence people around you” by Department of ECE Department of ECE organised a webinar for faculty on “As Faculty, Are You able to Influence your students? Learn 5 powerful ways to influence people around you” on 6th July 2020. The event was addressed through zoom platform by Dr.K Vishwanath, Entrepreneur, Author and Coach – London</p>	 <p>Webinar on "As Faculty, Are You able to Influence your students? Learn 5 powerful ways to influence people around you" by Department of ECE</p>
2	<p>23-06-2020 National level webinar on “Multi-sensor Data Fusion: Concepts & Applications” by department of ECE Department of ECE organised a National level webinar on “Multi-sensor Data Fusion: Concepts & Applications” on 23rd June 2020. The event was addressed by Dr. VPS Naidu, Scientist ‘F’ & Professor (AcSIR), Multi Sensor Data Fusion Lab, Flight Mechanics & Control Division, CSIR – National Aerospace Laboratories, (Council of Scientific & Industrial Research), Bangalore. He is having 23 years of teaching experience and 20 years of research experience. The event had 90 attendees.</p>	 <p>Benefits of Multiple sensor devices</p> <ul style="list-style-type: none"> ➤ Reduction in measurement time ➤ A downtime reduction and an increase in reliability ➤ Redundant and complementary information ➤ A higher signal-to-noise ratio ➤ A reduction in measured uncertainty ➤ A more complete picture of the environment <p>Webinar on "Multi Sensor Data Fusion: Concepts & Applications" by department of ECE</p>
3	<p>01-06-2020 to 06-06-2020 FDP on “Simulation of Data Communications and Networks using NS2 and Wire SHARK” by Department of ECE Department of Electronics and Communication Engineering organized a One-week Faculty Development Program on “Simulation of Data Communications and Networks using NS2 and Wire SHARK” from 1st to 6th June 2020. The session was attended by 50 participants.</p>	 <p>Wireless Networks</p> <p>One week Faculty Development program on “Simulation of Data Communications and Networks using NS2 and Wire SHARK” organized by Department of Electronics and Communication Engineering</p>
4	<p>20-05-2020 Department of ECE organized a webinar on “SOC and Security for ASIC/FPGA” addressed by Aruna Aluri on 20th May 2020. The session was conducted through zoom platform with 75 attendees.</p>	 <p>FPGA features for handling security.</p> <ul style="list-style-type: none"> • The programming bits of an FPGA were stored in a non-volatile memory. When the power was removed, the FPGA lost the programming from the non-volatile memory. However, the physical attributes of the device are unique and cannot be replicated. • Physical Unclonable Function (PUF) is a unique device identifier derived from unique physical attributes of a device. They can be used for authentication purposes on the FPGA, as well as generating secure keys for an encryption system. Since PUFs are unique, they can be used for authentication purposes and verification, error correction is required to ensure a reliable key – this can be done by Error Correction Code (ECC). • An adversary may actively attacking a hardware, by altering voltage, adding probes, changing the device temperature, etc. Hence, some physical attributes are the most sensitive and desirable for authentication purposes. These physical attributes are the most sensitive and desirable for authentication purposes. <p>Webinar on "SOC and Security for ASIC/FPGA" by EEE department</p>

5	<p>05-03-2020 – DAY 1 06-03-2020 – DAY 2 07-03-2020 – DAY 3</p> <p>On day 1 of a 3-day workshop on Machine learning using Python, Guest Lecturer Dr. G. Mallikarjuna Rao, DRDO, addressed students to create Machine Learning Algorithms.</p> <p>On day 2, Dr. J. Ravi Kumar, Associate Professor, ECE, NITW taught students to build and apply prediction functions, emphasizing its practical applications. He further guided the students to work on real-time projects on day 3.</p>
6	<p>24-02-2020</p> <p>A one day workshop on CCNA CISCO Packet Tracer was organized for 3rd year ECE students. Dr.S.Pothalaiah & Mr.P.Naveen Kumar enlightened the students with topics like assigning IP addresses, creating a basic topology,etc.</p>
7	<p>03-01-2020</p> <p>Department of ECE in association with IIIC has organized 3 day workshop on networking skills through CCNA from 34d to 6th January 2020 in which 60 students have participated.</p>
8	<p>08-11-2019</p> <p>Department of ECE has organized a guest lecture on Basics in VLSI Design for II & III ECE students by Dr.B.Rajendra Naik, Professor of ECE, Osmania University</p>
9	<p>04-11-2019</p> <p>Awareness campaign by ECE students on plastic hazards and village survey was conducted at Jameelapet village as a part of Unnat Bharat Abhiyan scheme</p>



VBIT Workshop on Machine Learning Using Python



VBIT CCNA CISCO Packet Tracer Workshop



VBIT CCNA CISCO Packet Tracer Workshop



VBIT A 3 DAY WORKSHOP ON CCNA FOR 3RD YEAR ECE REGISTERED STUDENTS - DAY 1



VBIT A 3 DAY WORKSHOP ON CCNA FOR 3RD YEAR ECE REGISTERED STUDENTS - DAY 2



VBIT GUEST LECTURE ON VLSI DESIGN



VBIT GUEST LECTURE ON VLSI DESIGN



VBIT CAMPAIGN ON PLASTIC AVOIDANCE AND VILLAGE SURVEY AS A PART OF UNNAT BHARAT ABHIYAN SCHEME



VBIT CAMPAIGN ON PLASTIC AVOIDANCE AND VILLAGE SURVEY AS A PART OF UNNAT BHARAT ABHIYAN SCHEME

<p>10</p>	<p>24-10-2019 Department of ECE in collaboration with JNTUH, TEQIP-III has conducted 3 day workshop on Simulation of Wireless Networks using NS-3 from 24th to 26th October 2019. Dr.A.Rajani, Associate Professor, Dept. of ECE & Equity Action Plan Coordinator, TEQIP-III JNTUH was the chief guest for inaugural function. Dr.B.Padmaja Rani, Professor, Dept. of CSE, JNTUH & TEQIP-III Main Coordinator was the chief guest for valedictory. Resource persons for this workshop are: Day 1 (24-10-2019): Session 1: Data Communication Networks by Dr.D.Sreenivasa Rao, Professor, Dept. of ECE, JNTUH Session 2: Innovative Wireless Technologies for 5G by Dr.S.P.V.Subba Rao, Professor & HoD, Dept. of ECE, Sreenidhi Institute of Science & Technology Session 3: Introduction to NS-3 Simulations by Dr.S.Pothalaiah, Professor, Dept. of ECE, VBIT Day 2 (25-10-2019): Session 1: Network Security by Dr.B.Brahma Reddy, Professor, Dept. of ECE & CoE, VBIT Session 2: Implementation of NS—3 by Dr.T.S.Pradeep Kumar, Professor, Dept. of ECE, VIT University Day 3 (26-10-2019): Implementation of NS—3 by Dr.T.S.Pradeep Kumar, Professor, Dept. of ECE, VIT University</p>
<p>11</p>	<p>31-08-2019 Department of ECE has organized a guest lecture on” Digital Pass band Transmission” for III ECE students by Dr.Amar Prakasa Rao, Associate Professor, Department of ECE, NIT-Warangal</p>
<p>12</p>	<p>13-08-2019 Department of ECE has organized 04 day workshop on CCNA, R&S, and Introduction to Networks as a part of CISCO Netacad from 13th to 17th August 2019 in which 40 students have participated.</p>

