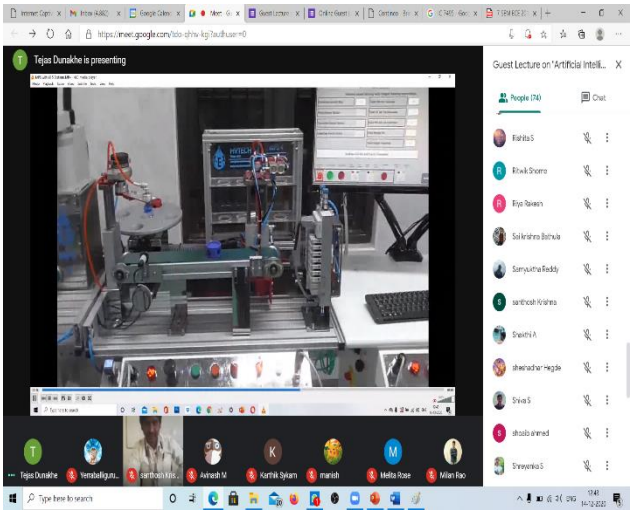
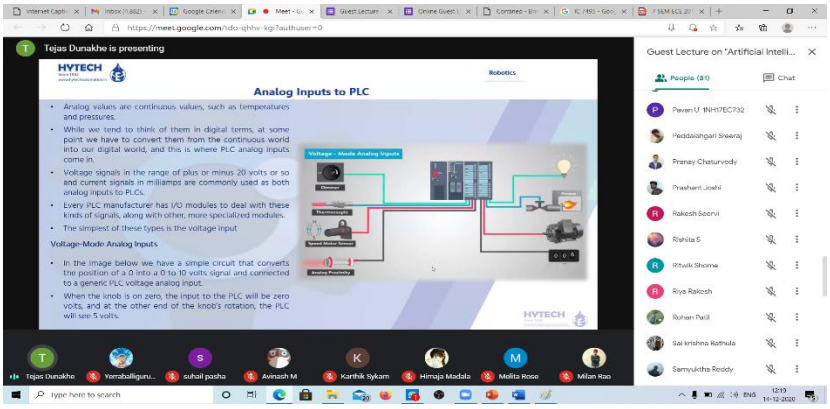
Academic Year 2020-21
Total Hours Engaged: 45 Hours

Sl. No	Name of the Industrial Expert	Company/Organization	Designation	Topic/ Subject	Contribution to Curriculum	Semester	Hours engaged	Date
1	Mr. Tejas Dunakhe	Hytech Automation	GM,Sales and Marketing	Artificial Intelligence in Robotics	Delivered Theoretical session for the subject Artificial Intelligence	VII	3	14-12-2020
2	Mr.Prafulla Galphade	Cadence design system	Senior principal program manager	Finite State Machine	Delivered Theoretical session for the subject Digital Electronics Circuits	III	3	21-12-2020
3	Mr. Kundana Lal	Vitti Research Foundation	President	Rise of Artificial intelligence and its impact on social and economic fabric	Delivered Theoretical session for the subject Artificial Intelligence and cognitive computing	V	4	22-12-20
4	Mr. Manas Guptha	wealth Technology, Australia New Zealand Bank	Head	Innovations in AI and ML	Delivered Theoretical session for the subject Machine Learning	VII	3	24-12-20
5	Ms. Soumya Agarwal	Cisco	Software engineer	Chaotic Images	Delivered Theoretical session for the subject Network security	VII	6	29-12-20
6.	Mr. Ram Kumar	Wells Fargo	Application System Engineer	VLSI Design	Delivered Theoretical session for the subject CMOS VLSI	V	4	6-10-2020

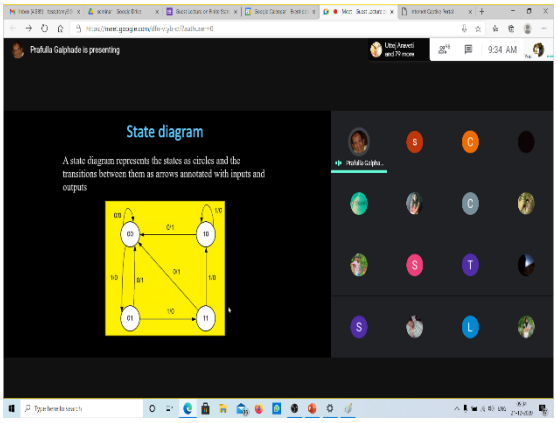
7	Mr. Praveen Kumar	Ekkaga Technology and services	Founder and CEO	8051 programming	Delivered Theoretical session for the subject Microprocessors	V	4	10-11-2020
8	Prof H S Bhatia	IMAPS, India	chairman	Introduction to RADAR Systems	Delivered Theoretical session for the subject Microwave and RADAR systems	IV and VI	3	19-5-21
9	Mr. Ganesh Attarde	GB Electronics	Founder	Singly Linked List Data Structure	Delivered Theoretical session for the subject OOPS	VI	3	21-5-21
10	Dr. P.Subbanna Bhat	Anvation labs ,Bangalore	chief mentor	OP-AMP APPLICATION	Delivered Theoretical session for the subject Linear Integrated Circuits	IV	3	01-6-21
11	Ms. Priyanka .B. Gaikwad	Welldoc, India	software developer	Introduction to Android App Development	Delivered Theoretical session for the subject Wireless and mobile communication	VII	3	12-6-21
12	Mr. Ashish Khachane	Xilinx Productline Excelpoint Systems India Pte Ltd	Assistant Manager	FPGA ARCHITECTURES	Delivered Theoretical session for the subject HDL	IV	3	10/7/21
13	Mr.Prafulla Galphade	cadence Design systems(india)pvt Ltd	senior principal program manager	FPGA ARCHITECTURES	Delivered Theoretical session for the subject HDL	IV	3	17/7/21

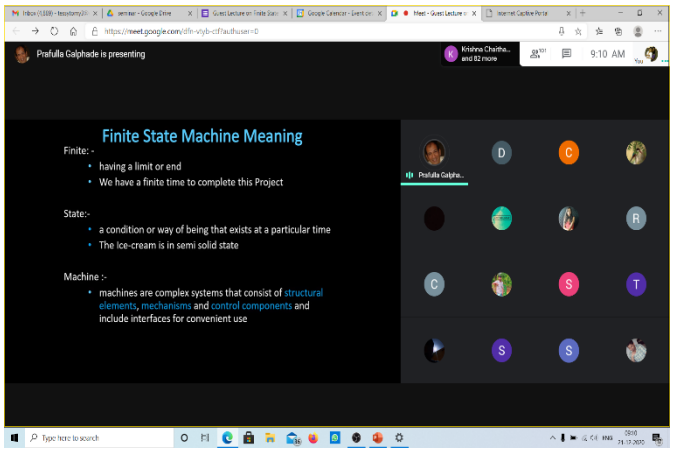
Title	Online Guest Lecture on “Artificial Intelligence in Robotics”	
Department	Electronics and Communication Engineering.	
Date	From : December 14th 2020	To: December 14th 2020
Time	From: 12:00 PM	To: 3:00 PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **“Artificial Intelligence in Robotics”**on December 14th 2020. The speaker**, Tejas dunakhe,** is working with Hytech Automation as general manager in sales.He focused on the history and development of robots. He discussed more on the PLC(programmable logic controllers) and its usage in the field of robotics. He also gave ideas to those who has further interest to take forward their career in robotics. About 85 students attended the session.	



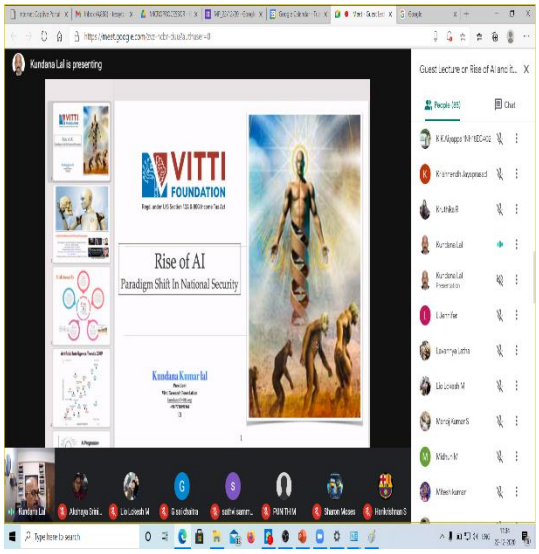


Title	Online Guest Lecture on "**FINITE STATE MACHINE**"	
Department	Electronics and Communication Engineering.	
Date	From : December 21st 2020	To: December 21st 2020
Time	From: 9:00 AM	To: 12:00 AM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **"FINITE STATE MACHINE "** on December 21st 2020. The speaker**, PRAFULLA GALPHADE,** is working with cadence Design Systems as senior principal program manager. He focused on giving a clear understanding on state machines used in digital world bringing out the importance of every terminologies used in it. He also explained the Moore and mealy state machines with various examples. Around 100 students of 3rd semester participated in the session.	

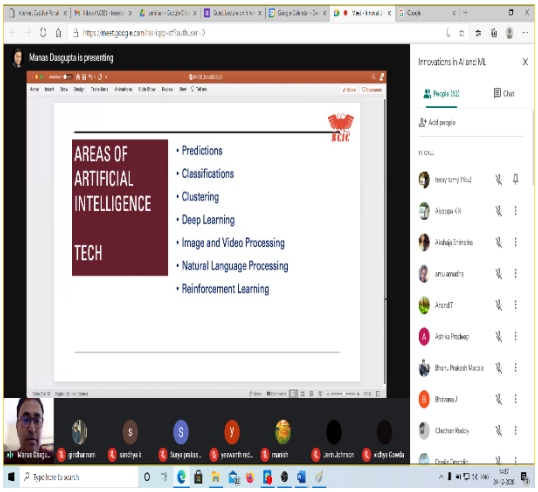


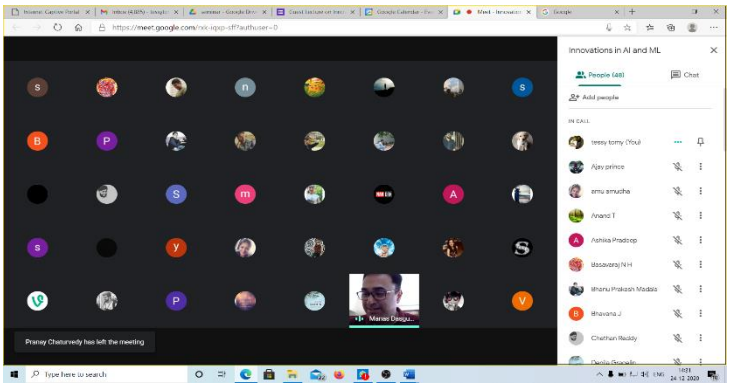


Title	Online Guest Lecture on "**Rise of Artificial intelligence and its impact on social and economic fabric**"	
Department	Electronics and Communication Engineering.	
Date	From : December 22nd 2020	To: December 22nd 2020
Time	From: 11:30 AM	To: 4:30 PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **"Rise of Artificial intelligence and its impact on social and economic fabric"** on December 22nd 2020. The speaker**, Mr. Kundana Lal,** is the president of company named by **Vitti Research Foundation**. He focused on the history and development of Artificial Intelligence. He discussed how Artificial Intelligence is around us and how knowingly or unknowingly it is incorporated in our life. He encouraged students to look for the booming technologies under AI so that they can channelize their interest in AI. Around 120 students have participated in this.	

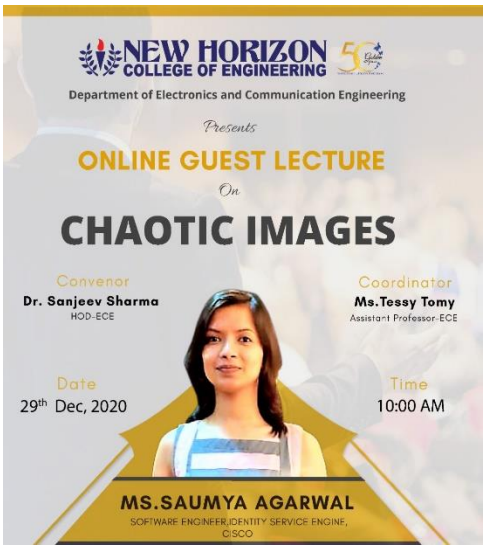


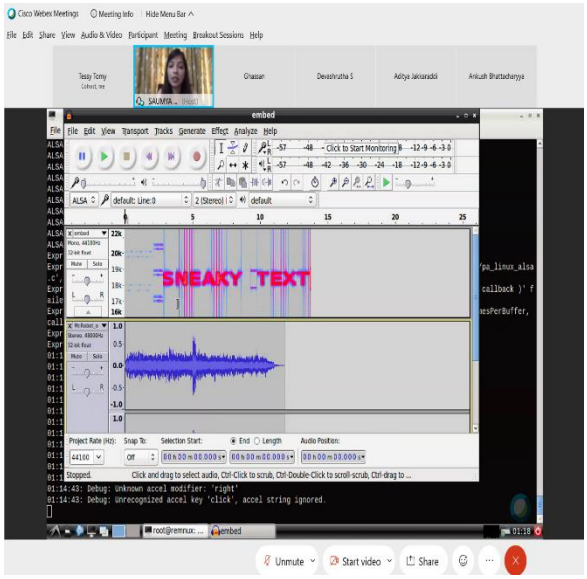
Title	Online Guest Lecture on "**Innovations in AI and ML**"	
Department	Electronics and Communication Engineering.	
Date	From : December 24th 2020	To: December 24th 2020
Time	From: 2:30PM	To: 5:30PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **"**Innovations in AI and ML "on December 14th 2020. The speaker**, Mr. Manas Dasgupta,** is head of wealth Technology, Australia New Zealand Bank. He brought in real world examples to explain the fact that AI and ML is slowly embedded in almost aspect of our life. He explained about the different machine learning algorithms put in use today. Also focused on the pros and cons of every algorithm. Around 38 students attended the session	

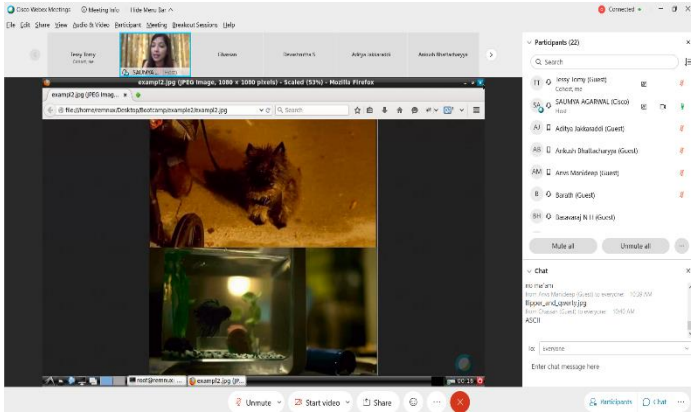




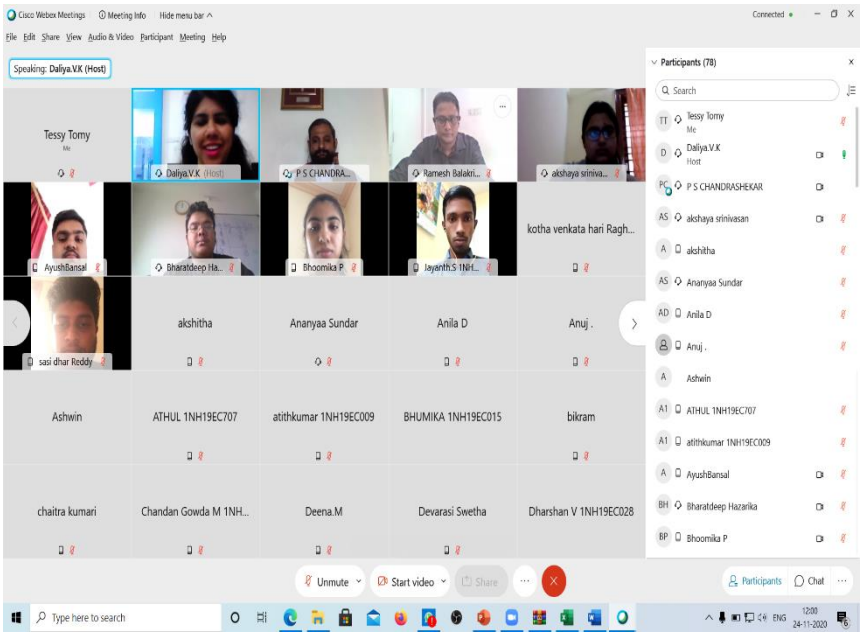
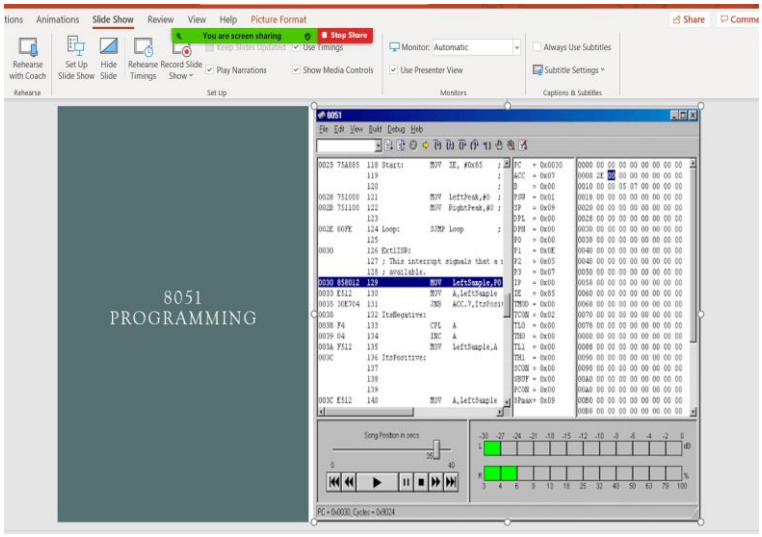
Title	Online Guest Lecture on "**Chaotic Images**"	
Department	Electronics and Communication Engineering.	
Date	From : December 29th 2020	To: December 29th 2020
Time	From: 10:00 AM	To: 4:00 PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **"**Chaotic Images **"**on December 29th 2020. The speaker**, Ms. Saumya Agarwal ,**is software engineer, identity service engine at Cisco. She focused on concepts of cybersecurity and gave hands on experience to students with different examples where she handled the concept like how a text can be hidden inside an image, another text, or an audio. she even have exercises to students which students took up challengingly. Around 20 students participated in the session	







Title	Online Guest Lecture on “VLSI Design”	
Department	Electronics and Communication Engineering.	
Date	From : October 6th ,2020	To: October 6th ,2020
Time	From: 9:00 AM	To: 1:00 PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **“VLSI Design”** on October 6th ,2020. The speaker**, Mr. Ram Kumar,** is working with Wells Fargo as Application System Engineer. The focus was on the basics of VLSI Design and its layout . The current cutting-edge technologies such as high resolution and low bit-rate video and cellular communications provide the end-users a marvelous amount of applications, processing power and portability. This trend is expected to grow rapidly, with very important implications on VLSI design and systems design Around 78 students of 5th semester participated in the session.	



Title	Online Guest Lecture on "**8051 Programming**"	
Department	Electronics and Communication Engineering.	
Date	From : November 10th, 2020	To: November 10th, 2020
Time	From: 9:00 AM	To: 1:00 PM
Brief Description (4-5 Lines Max)	Department of Electronics and Communication Engineering conducted an online Guest lecture on **"8051 Programming"** on November 10th, 2020. The speaker**, PRAVEEN KUMAR,** is the Founder and CEO of Ekkaga Technology . He focused on basics of Microprocessor and gave introduction to the 8051 architecture and its registers. He also discussed about the programming aspects of 8051. Around 100 students of Vth semester participated in the session.