ISTE Students Chapter
Birla Vishvakarma Mahavidyalaya Engineering College
Managed by CVM
Vallabh Vidyanagar

ISTE Students Chapter

April 1

2021

Annual report for activities from 01st April 2020 to 31st March 2021 of ISTE Students' Chapter (Code: GJ001) running at Birla Vishvakarma Mahavidylaya Engineering College, Vallabh Vidyanagar, Anand, Gujarat (India)

Report for Student Chapter

Prepared by: Prof. Hiren Patel

Details Of Activities Organised During The Year

01.04.2020 TO 31.03.2021

Sr. No.	Name Of Activity With Title	Level Of Activity (Local/State/National/International)	Name Ofconvener/ Coordinator	Duration In Days	Dates	No. Of Participants
1.	8051 Beginners Workshop	College	Dr. Hiren Patel	1	21-Jul-20	32
2.	Report formatting using Microsoft Word	College	Dr. Hiren Patel	1	11. Jul. 2020	60
3.	Proteus - Simulation Tool	College	Dr. Hiren Patel	1	25. Jul. 2020	39
4.	GATE Made Easy	College	Dr. Hiren Patel	1	30. Jan. 2021	68

Signature
Chairman-ISTE Chapter
Prof. Hiren Patel

Seal of

Signature
Head of the Institute
Dr. I. N. Patel

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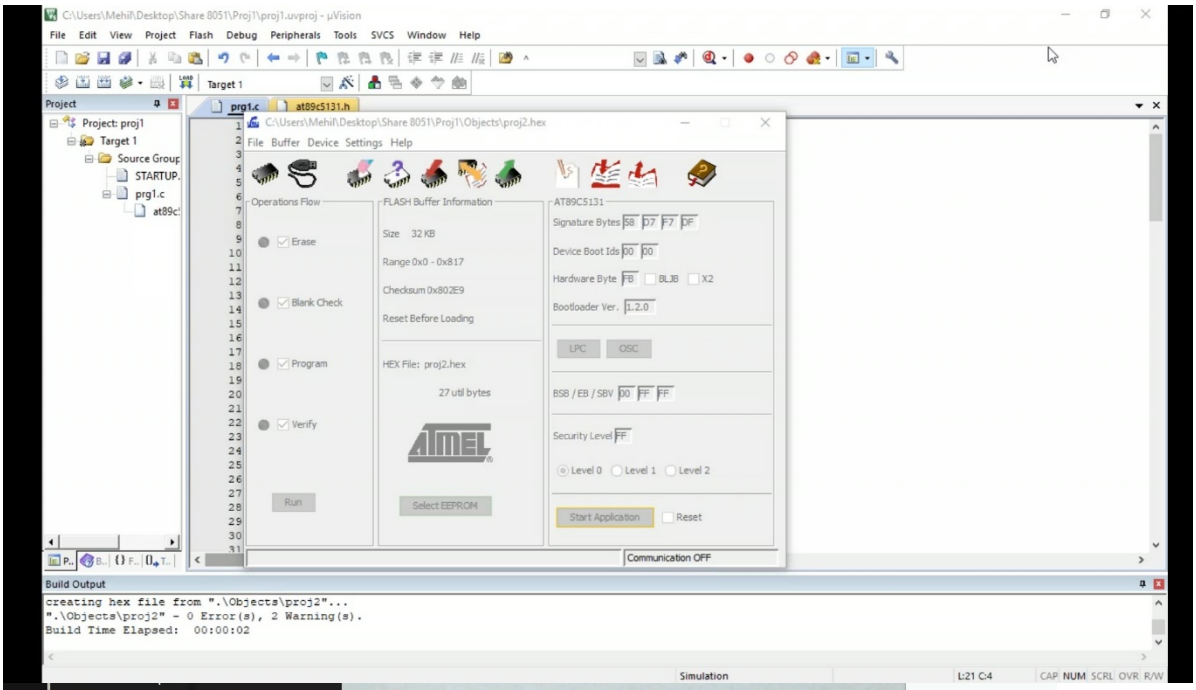
2. **Report formatting using Microsoft Word.....3**
3. **Proteus - Simulation Tool.....6**
4. **GATE Made Easy.....8**

8051 Beginners Workshop

Description	:	Now a days with advancing technologies use of microcontroller and microprocessors had increased tremendously. There are various applications of microcontrollers in health care, medicine, environmental monitoring, industrial automation, home appliance, etc. A workshop on "8051 - Beginners" was organized by EC department under ISTE Students' Chapter for students of EC, EL and EE department. The session was delivered by Dr. Hiren Patel. The aim of the workshop was to help the students kick-start with microcontroller for application design. The session was focused to introduce the 8051 Mircrocontrollers and its features. The programming part of session was conducted on Keil IDE for At89s8253 - PT51 microcontroller. The process of developing code and testing on the hardware was demonstrated in the session. About 32 students of different branch registered for the participation.		
Technical/Non-Technical Event	:	Technical		
Subject	:	Microcontrollers - 8051		
Branch	:	EC, EL, EE		
Year	:	2nd		
Date	:	21-Jul-20		
Time	:	02:00 PM to 04:30 PM		
Venue	:	Online - Google Meet		
Entries	:	32		
Level	:	College		
Faculty Convener		Prof. Hiren Patel		
Student Coordinator		Harsh, Krushil (3rd Year), Rohit (4th Year)		
Jury/Expert	:	***Sr. No.***	***Name***	***Department-College/Industry***
		1.	Dr. Hiren Patel	BVM Engineering College

Photos: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Nishargi Shah
Rohit Shah
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Sharlin Parmar
Siddhanth Pai
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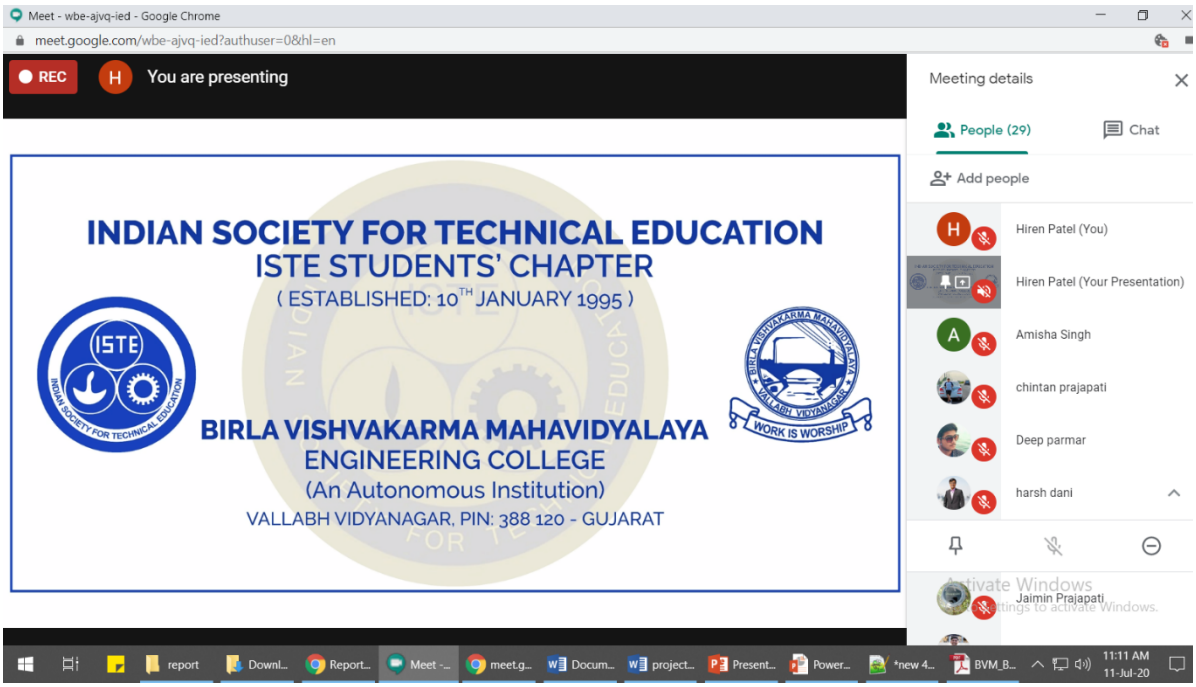
Report formatting using Microsoft Word

Description	:	Documenting the practical reports and project reports is very important skill a student should inculcate. In day to day work the need for proper documentation is must, for instance lab-files, minor or major project report. The documentation of the scientific articles plays very significant role in conveying the details with accuracy and precision. So, a workshop on "Report formatting using Microsoft word" was organized EC Department under ISTE Students' Chapter on 11th July 2020. About 62 participants registered for the workshop. The session was delivered by Dr. Hiren Patel. The session was focused to use styles and formatting support of Microsoft Office Word. All the necessary formating requirements for a final year project report was covered in the session.		
Technical/Non-Technical Event	:	Non-Technical		
Subject	:	Documentation		
Branch	:	All		
Year	:	All		
Date	:	11-Jul-20		
Time	:	11:00 AM to 01:00 PM		
Venue	:	Online - Google Meet		
Entries	:	60		
Level	:	College		
Faculty Convener		Prof. Hiren Patel		
Student Coordinator		Rohit (4th Year EC) Harsh		
Expert	:	***Sr. No.***	***Name***	***Department-College/Industry***
		1.	Dr. Hiren Patel	BVM Engineering College

Photos: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(An Autonomous Institution)
VALLABH VIDYANAGAR, PIN: 388 120 - GUJARAT
Meeting details
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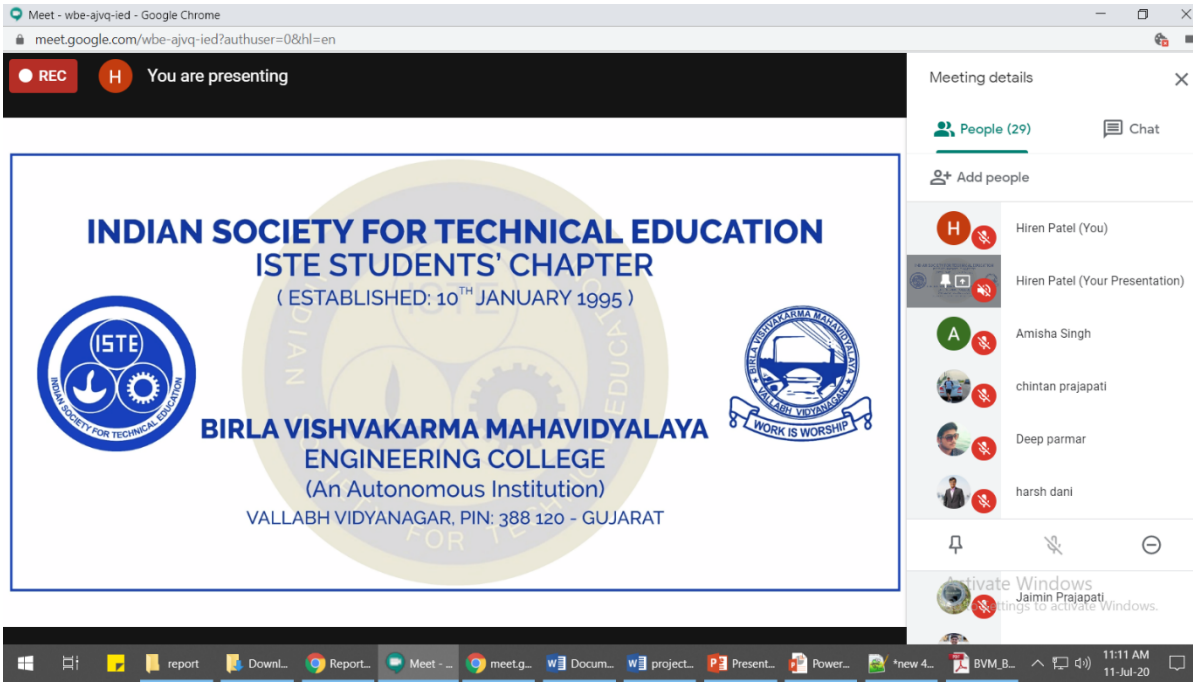
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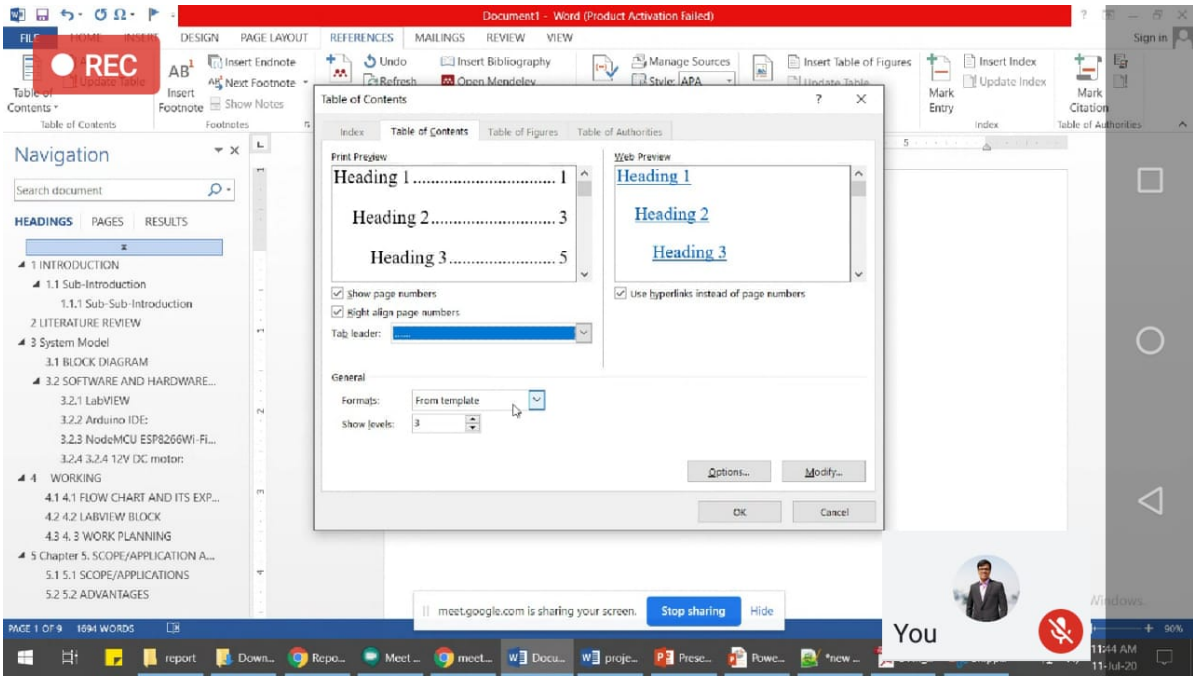
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Search document
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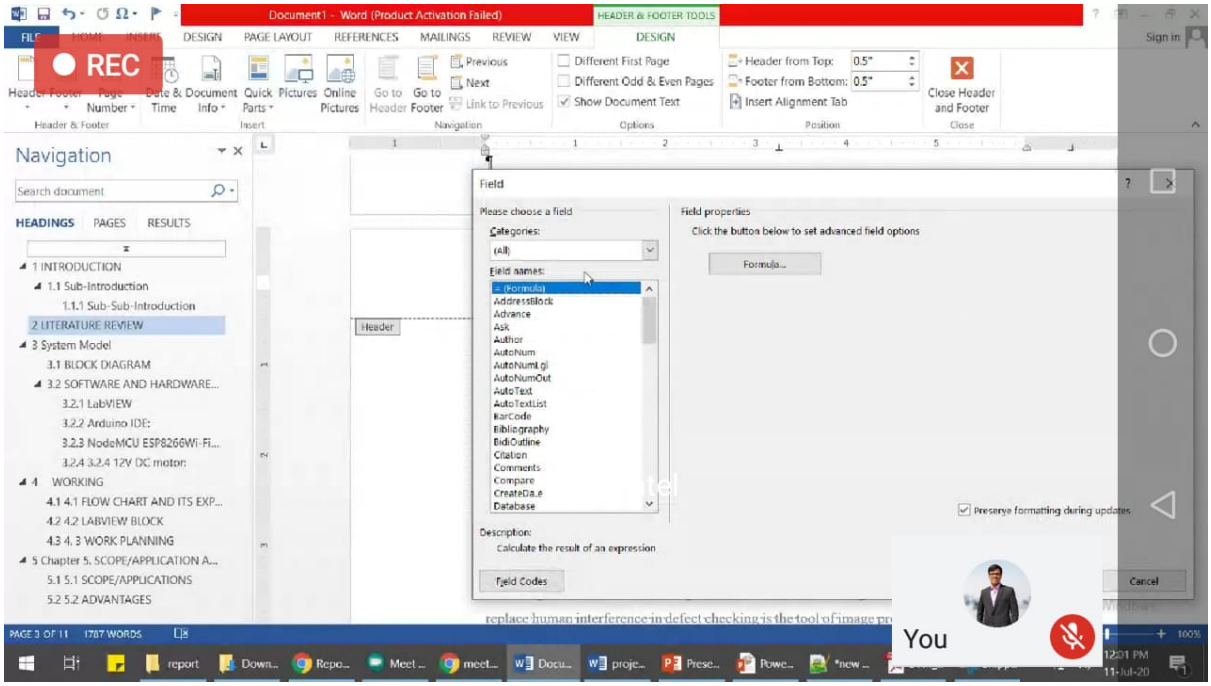
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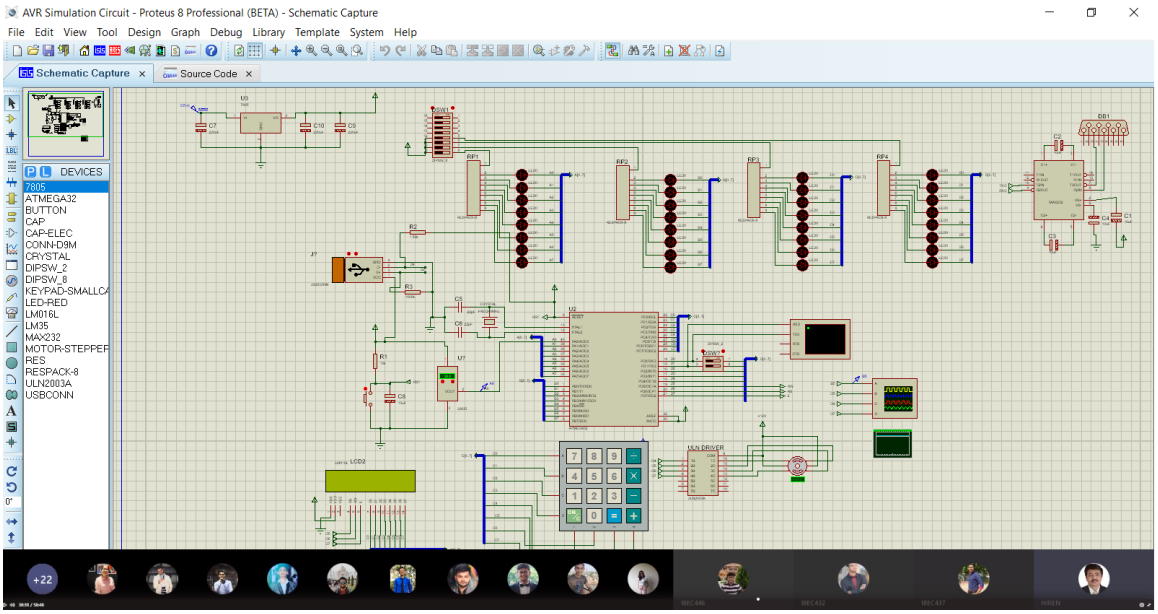
Proteus - Simulation Tool

Description	:	In this pandemic situation, online learning mode is evolving at fast pace. Simultaneously, hands on knowledge is also must for students to gain for practical course. Keeping this aim in focus, EC department organized a hands-on session on "Proteus - Simulation Tool" for students of second year. The session was delivered by Dr. Hiren Patel on 25th July 2020. The session covered the steps to follow for simulating circuits in Proteus software. Finding and adding componends along with basic circuit simulation and followed by implementation of AVR microcontroller system simulation was covered thoroughly in the session. This workshop helps students to test and implement the hardware in the software environment to correlate the theory fundamentals with the practical implementations. Students were taught to make a general purpose kit to implement the AVR system and testing programs. This enables students to create Lab environments at their home for advanced learning in course.		
Technical/Non-Technical Event	:	Technical		
Subject	:	Microcontroller & Applications		
Branch	:	EC		
Year	:	3rd Year		
Date	:	25-Jul-20		
Time	:	10:30 AM to 12:30 PM		
Venue	:	Online Microsoft Teams		
Entries	:	39		
Level	:	College		
Faculty Convener		Prof. Hiren Patel		
Student Coordinator		Harsh		
Jury/Expert	:	***Sr. No.***	***Name***	***Department-College/Industry***
		1.	Dr. Hiren Patel	BVM Engineering College

Photos:


AVR Simulation Circuit - Proteus 8 Professional (BETA) - Schematic Capture
File Edit View Tool Design Graph Debug Library Template System Help
Schematic Capture
Source Code
DEVICES
7805
ATMEGA32
BUTTON
CAP
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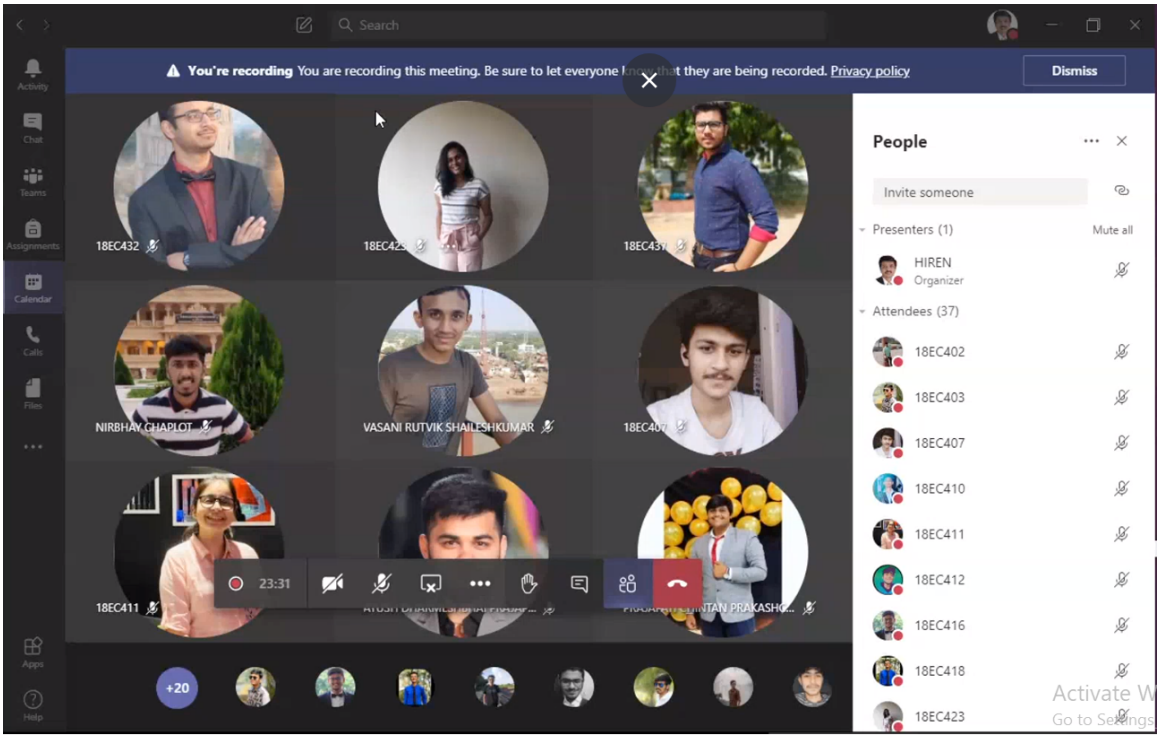
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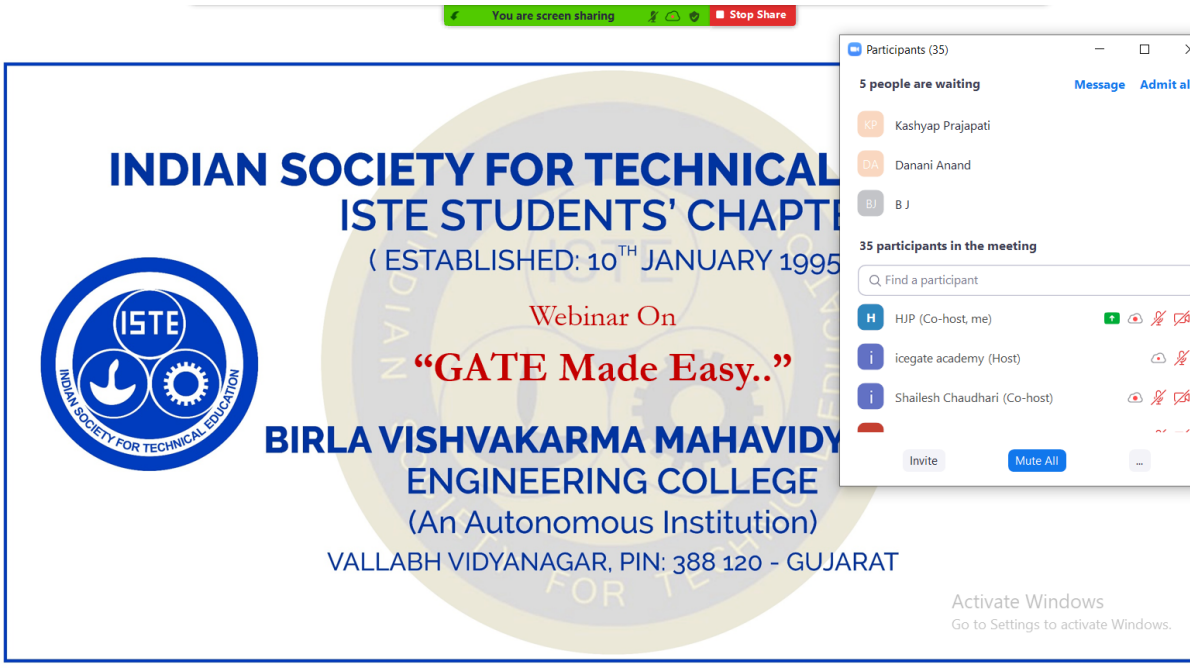
23:31
+20

GATE Made Easy

Description	:	ISTE Stduents' Chapter organised a expert talk on "GATE Made Easy" for the students of 2nd and 3rd year from all branches of BVM. The aim of the expert talk was to introduce GATE exams and its significance for campus and placement interviews. The expert was from ICE Gate Institue, Mr. Rohan Garg. He gave students very useful tips for preparation of GATE exams. He also emphazied scope of the exams in detail. It was very informative and helpful students to kick start with the GATE preparations and exploration of its scope along with significance.		
Technical/Non-Technical Event	:	Technical		
Subject	:	GATE Exams		
Branch	:	All		
Year	:	2,3 year		
Date	:	30-Jan-21		
Time	:	11:00 AM to 01:00 PM		
Venue	:	EC department, BVM Engineering College.		
Entries	:	68		
Level	:	College		
Faculty Convener		Prof. Hiren Patel, ,		
Jury/Expert	:	***Sr. No.***	***Name***	***Department-College/Industry***
		1.	Mr. Rohan Garg	ICE Gate Institue

Photos: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Webinar On
"GATE Made Easy.."
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Participants (35)
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Shailesh Chaudhari (Co-host)
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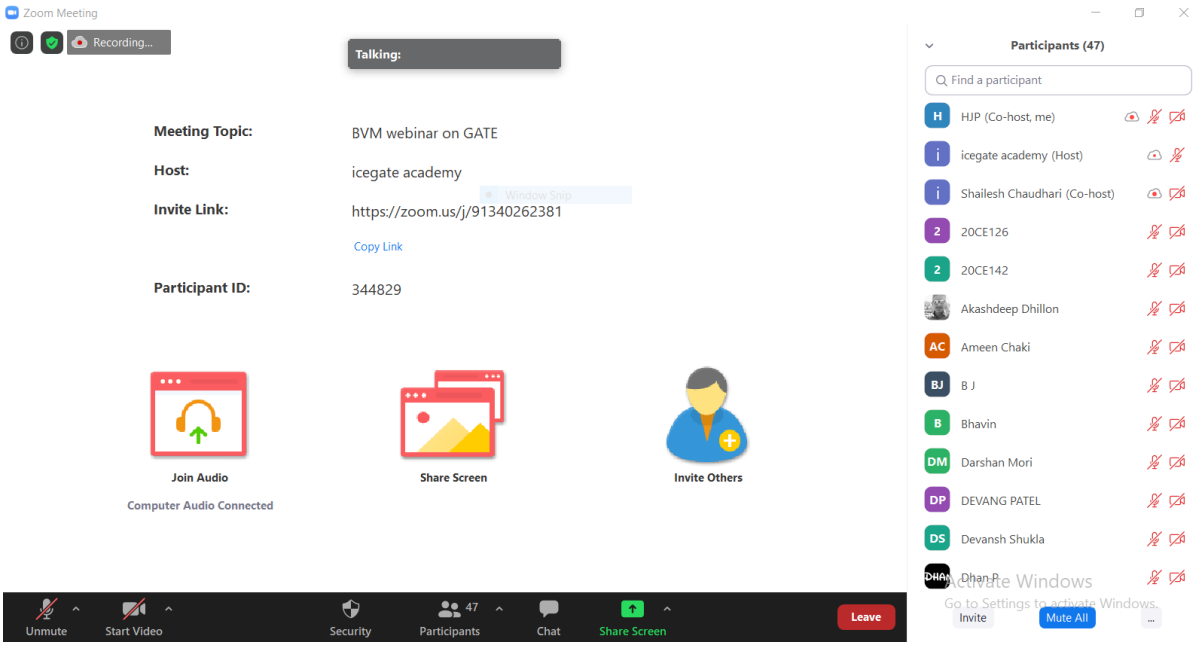
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BVM webinar on GATE
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Chat
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icegate academy (Host)
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Invite
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Chat
Share Screen
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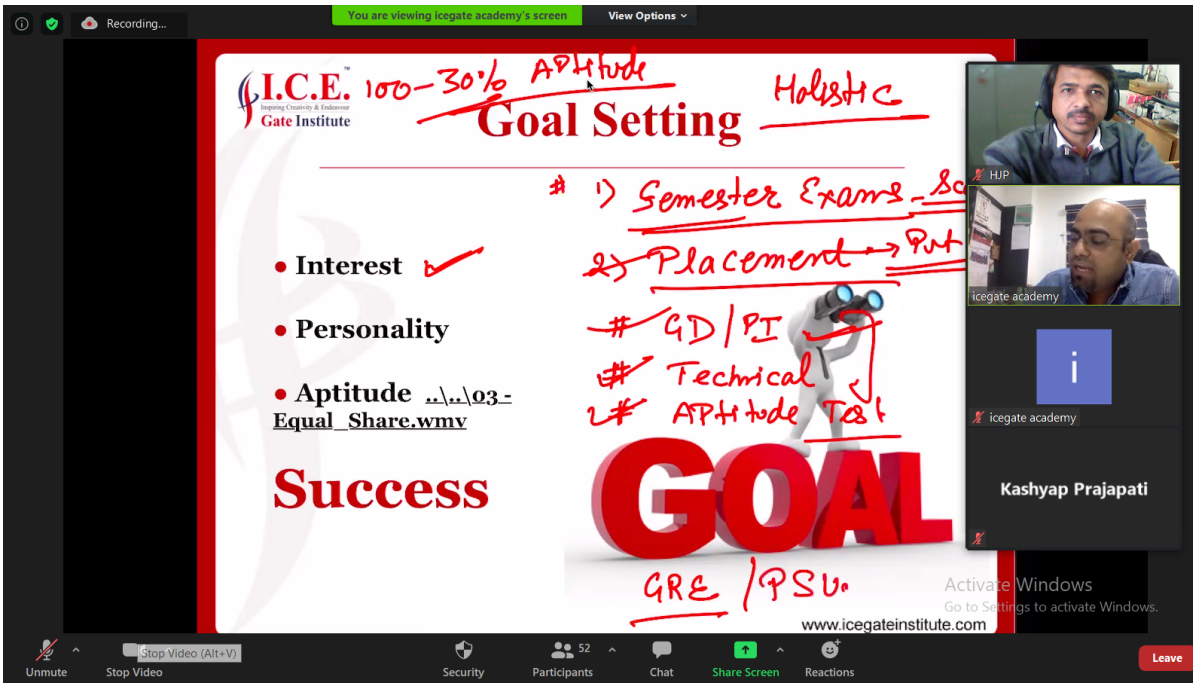
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Kashyap Prajapati
Activate Windows
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Unmute
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Participants
52
Chat
Share Screen
Reactions
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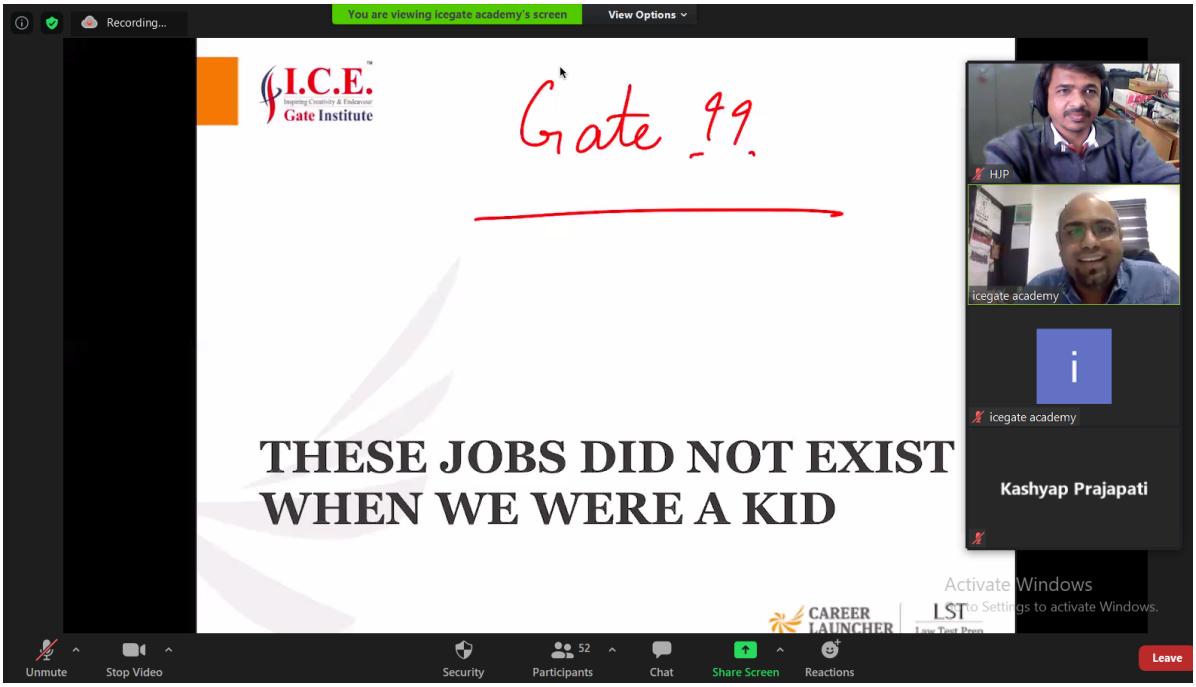
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