



ONLINE EDUCATION

Civil Engineering Department
NBA Accredited Program

In pandemic situation to continue with teaching learning process all teacher change the platform from offline teaching to online teaching media . For this starting with Preparing **Google classroom** for conducting online activities and lectures.

Google Meet is one of the online platform used by our department to reach to students and to communicate with them by using this online platform. Following are the screenshots of this online platform-

EDITOR IN CHIEF:

MR. S.G.ANTURKAR

EDITORIAL

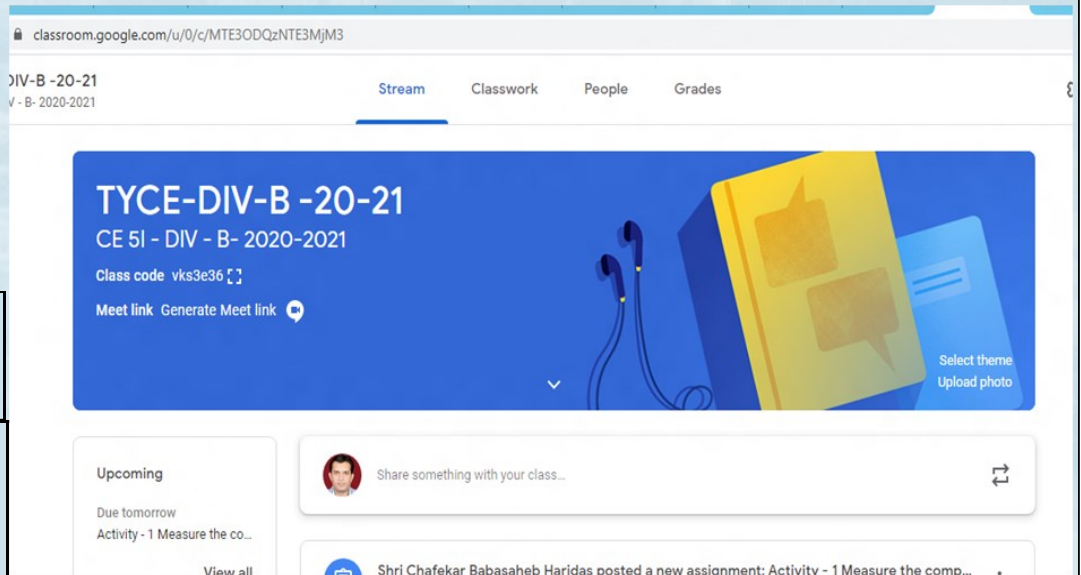
COMMITTEE:

MR. B.H.CHAFEKAR

MRS. S.R.KACHI

AHALAM SAYYED

PRASAD DHONE



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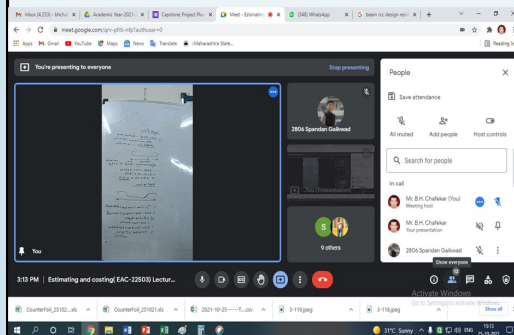
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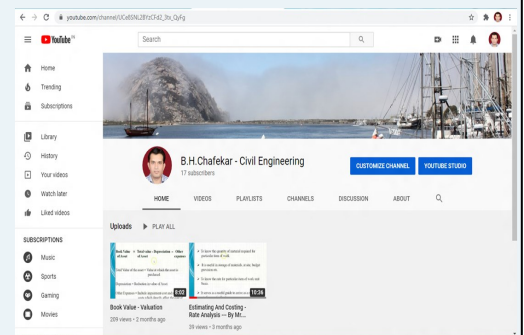
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Google class room created for Civil Engineering students by Pro B.H.Chafekar



Screen shot of Online Lecture



YouTube Educational channel

PRINCIPAL'S MESSAGE



**Principal
Mr.S.K.Giram**

It gives me immense pleasure to invite aspiring students who are keen to make a best career in technical field as a good technocrat. The diploma holders play very important role in industrial and economic developments of the country. They develop and master specialised skill in the chosen areas and provide much needed supports in any engineering establishments. Also the students having diploma in engineering provides support services in various other sectors of economy, including service sector. AISSM Society's Polytechnic is among the top reputed technical institutes imparting high quality technical

education. The evolution of the institute over the past two and half decades has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to providing professional education with trust on creativity and innovation. Here at AISSM Society's Polytechnic, we are imparting skills and knowledge to our students in the best possible manner to make them dream about big and fulfill the same. It is rightly said that a dream becomes a goal when the action is taken towards its fulfilment, and we are committed to

providing optimistic, independent, compassionate, life-long learners and leaders who will bring glory to the institute, state and the nation. We at AISSM Society's Polytechnic take every care to fulfil the hopes and aspirations of all students by providing them the best physical and academic infrastructure needed to make them competent technical professionals. Our outstanding faculty adds value to our best endeavor to provide technical knowledge to our students in the interest of all the stakeholders in the country. I take this opportunity to acknowledge the extreme hard work put in by our dedicated staff,

by
work-

HOD DESK



Mr. S.G.Anturkar

Welcome to the Department of Civil Engineering at AISSMS's Polytechnic, Pune. Civil Engineering is the spinal cord of all infrastructural facilities, as the knowledge of Civil Engineering is essential in fulfilling all the basic needs of human being. (Food, clothing and shelter) From construction of dams and canals, construction of industries, a small house to the network of highways, canals, railways, smart cities, bridges, tunnels, flyovers, power plants, industrial setups and manufacturing units. Those who wish to make their career in the field of Civil Engineering are welcome to the department of Civil Engineering at AISSMS's Polytechnic, Pune. The department offers Diploma program in Civil Engineering. We focus on Outcome Based Education. (OBE) OBE is an educational process that focuses on what students can do or the qualities they should develop after they are taught. OBE involves the restructuring of curriculum, assessment and reporting practices in education to reflect the achievement of high order learning and mastery rather than accumulation of course credits. Both structures and curricula are designed to achieve those capabilities or qualities. Our entire staffs strive hard to impart the quality education to the students and To enable the students to gain life - long learning skills and to pursue higher Education.

EDITOR'S MESSAGE

Hope all of you are well,

In pandemic situation our teachers are continuing their teaching by adopting online platform. Main objective behind this is to continue the teaching learning process and engage the all students so that they cannot turn in to online gaming, continuously browsing and attaching with social media. To convert suddenly from offline mode to online platform in pandemic situation is not so easy but its necessary and requirement of that situation.

All of our staffs are trying these online teaching more effective so that students can easily understand the concepts. More of the staff are uploaded their course topic videos on groups for students, preparing PPT, Practice questions for easily understanding of the subject or topic.

Using this online platform we also aware about its disadvantages and for this I request to all parents to reduce your child screening time during the day by using this online media.

I request all students to take care of health in this pandemic situation of yourself and your family.

Stay home, stay safe and study hard.



Mr. B.H.Chafekar

BLOGS BY STUDENT AND STAFF

**“The Only
Way To Do
Great Work Is
To Love What
You DO”
-Steve**

OBE-Outcome Based Education-

Related to course Concrete Technology-Topic Cement. OBE is an educational process that focuses on what students can do or the qualities they should develop after they are taught.

OBE addresses the following key question:

What do you want the students to have or able to do? (Skillset)

The example taken here is from the course Concrete Technology of the program Diploma in Civil Engineering. (Topic-Cement)

☑ Storing of cement

- 1) Student should remember the points while storing cement on site.
- 2) Student should understand the importance of storing cement on site.
- 3) Student should apply the skills, of storing cement on site considering actual site conditions.

☑ Types of cement

- 1) Student should remember the different types of cement.
- 2) Student should understand the specialty of each type of cement.
- 3) Student should apply the skills, of using different type of cement on site considering actual site conditions.

☑ Field tests on cement.

- 1) Student should remember different field tests on cement.
- 2) Student should understand the importance of each field test on cement.
- 3) Student should apply the skills, of testing cement on site.
- 4) Student should analyze the test result to detect the adulteration.

*

S.G. Anturkar
H.O.D. CIVIL

**Education is a
shared
commitment
between
dedicated
teachers,
motivated
students and
enthusiastic
parents with high
expectations.
- Bob Beauprez**

Technical education has undergone significant changes in recent years, and this evolution has continued through the 21st century. In the early 2000s, there was a growing recognition of the importance of technical education in meeting the demands of the modern workforce. As a result, many technical education programs began to focus on providing students with the skills and knowledge needed to succeed in high-demand fields such as healthcare, information technology, and advanced manufacturing.

One of the key features of technical education in the early 2000s was an increased emphasis on collaboration between educators and industry. This collaboration helped to ensure that technical education programs were aligned with the needs of employers, and that students were prepared for the jobs of the future. Another important trend was the integration of technology into technical education programs. This included the use of computer-based simulations, virtual reality, and other tools to enhance hands-on learning and prepare students for the digital age.

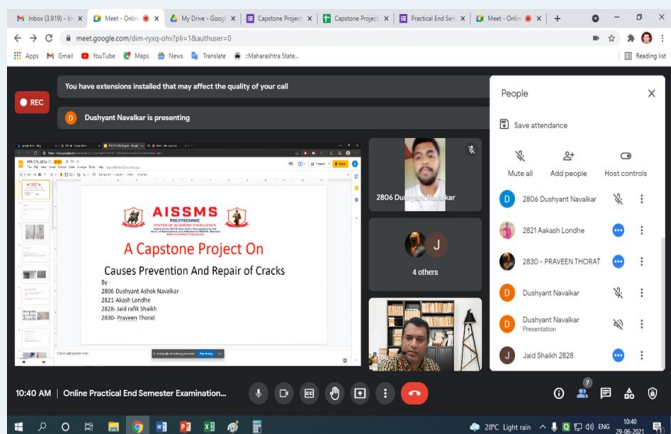
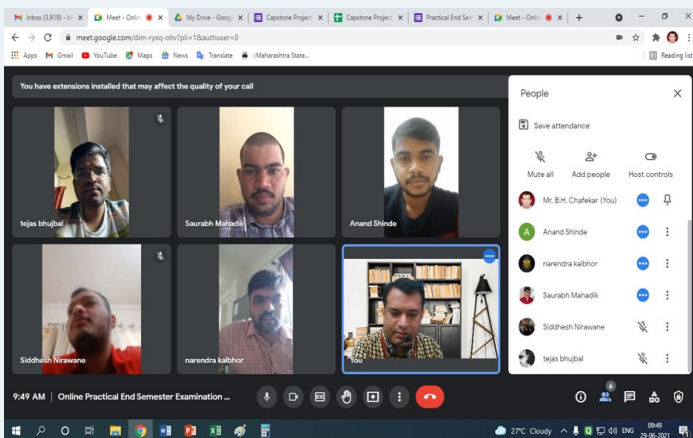
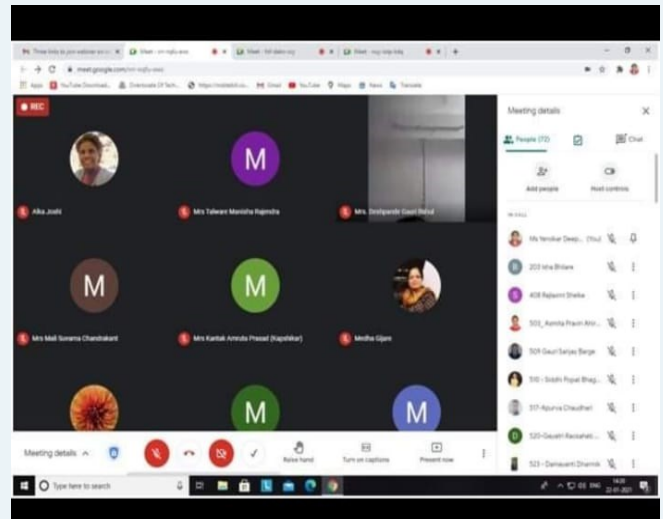
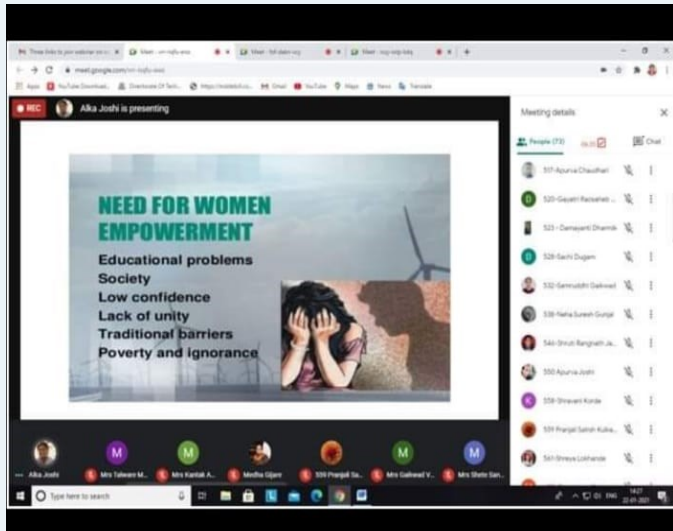
In addition to these changes, technical education in the early 2000s also placed a greater emphasis on soft skills such as communication, teamwork, and problem-solving. These skills were seen as essential for success in the modern workforce, and technical education programs worked to develop them in their students.

Overall, the early 2000s were a time of significant change and innovation in the field of technical education. As the demands of the modern workforce continue to evolve, it is likely that technical education will continue to adapt and evolve in order to meet these demands and prepare students for the jobs of the future.

Prasad Dhone
Student of Civil Department
AISSMS's Polytechnic-Pune

WEBINAR ON "WOMEN EMPOWERMENT"

AISSMS Polytechnic Pune has organized a webinar on "Women Empowerment" under Vishakha cell for ladies staff and girl student this webinar was organized on 22nd January 2021 at 2:00 p.m. to 3:00 p.m. the speaker for this webinar were Mrs Alka Joshi who is Social Activist (Abhivyakti, Lokayat Foundation).



Online Capstone Project Oral

BRAIN GAME

Who am I?

1. What month of the year has 28 days?
2. What is full of holes but still holds water?
3. What is always in front of you but can't be seen?
4. I have cities, but no houses. I have mountains, but no trees. I have water, but no fish. What am I?

7	9	3	8	6	4	5	1	2
6	5	4	1	2	3	8	9	7
1	2	8	9	7	5	3	6	4
5	8	6	2	1	9	7	4	3
2	7	9	3	4	6	1	8	5
3	4	1	7	5	8	6	2	9
8	3	5	4	9	1	2	7	6
9	1	2	6	3	7	4	5	8
4	6	7	5	8	2	9	3	1

Sudoku

		3		4	5			2
	5			3				
		8		5	3	6		
			2			7	4	3
2	7		3				8	
3	4		7	5				
		5	4					6
9		2					5	
4				2	9			

Answer: 1. All of them, 2. A sponge, 3. The future, 4. A Map, 5. Pencil Lead

Organizes
AICTE - ISTE Sponsored One Week Online Faculty Development Program On
"Advanced Surveying Instruments and Techniques"
 (16th June - 22nd June 2021)

Guest of Honor
Dr. Pratapsinh Kakasaheb Desai
President, Indian Society for Technical Education (ISTE), New Delhi

Chief Guest
Col B. Venkat
Director, Faculty Development Cell, AICTE

KEY HIGHLIGHTS

- EDM, Total Station, Photogrammetry
- GNSS for Surveying and Mapping
- Applications of Geospatial Technologies urban and transportation planning
- LIDAR systems and their applications
- GIS and Remote Sensing Application
- Use of Drone Technology for Civil Engineering.

Hands on demo for Model on Hec-Ras software. Registration FREE Last Date of Registration **15 June 2021**
(Priority will be given to ISTE life members!)

Registration Link:
<https://forms.gle/bYaGyv9SiyBmcMA2A>

President, AICTE Zone

Trustee, AICTE Zone

Trustee, AICTE Zone

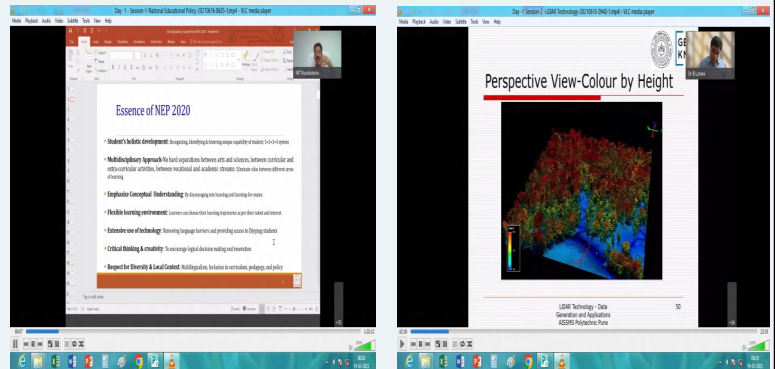
Trustee, AICTE Zone

Trustee, AICTE Zone

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AICTE-ISTE Sponsored Faculty Refresher Program on "Advanced Surveying Instruments and Techniques" between 16 June to 22 June 2021 organised by AISSMS Polytechnic Pune



Expert Sessions screenshots

Achievements



Successfully completed the orientation program on "Emerging trends in Energy Management and Energy Audit" during 22.03.2021 to 27.03.2021 organized by Govt. Polytechnic Amravati.