

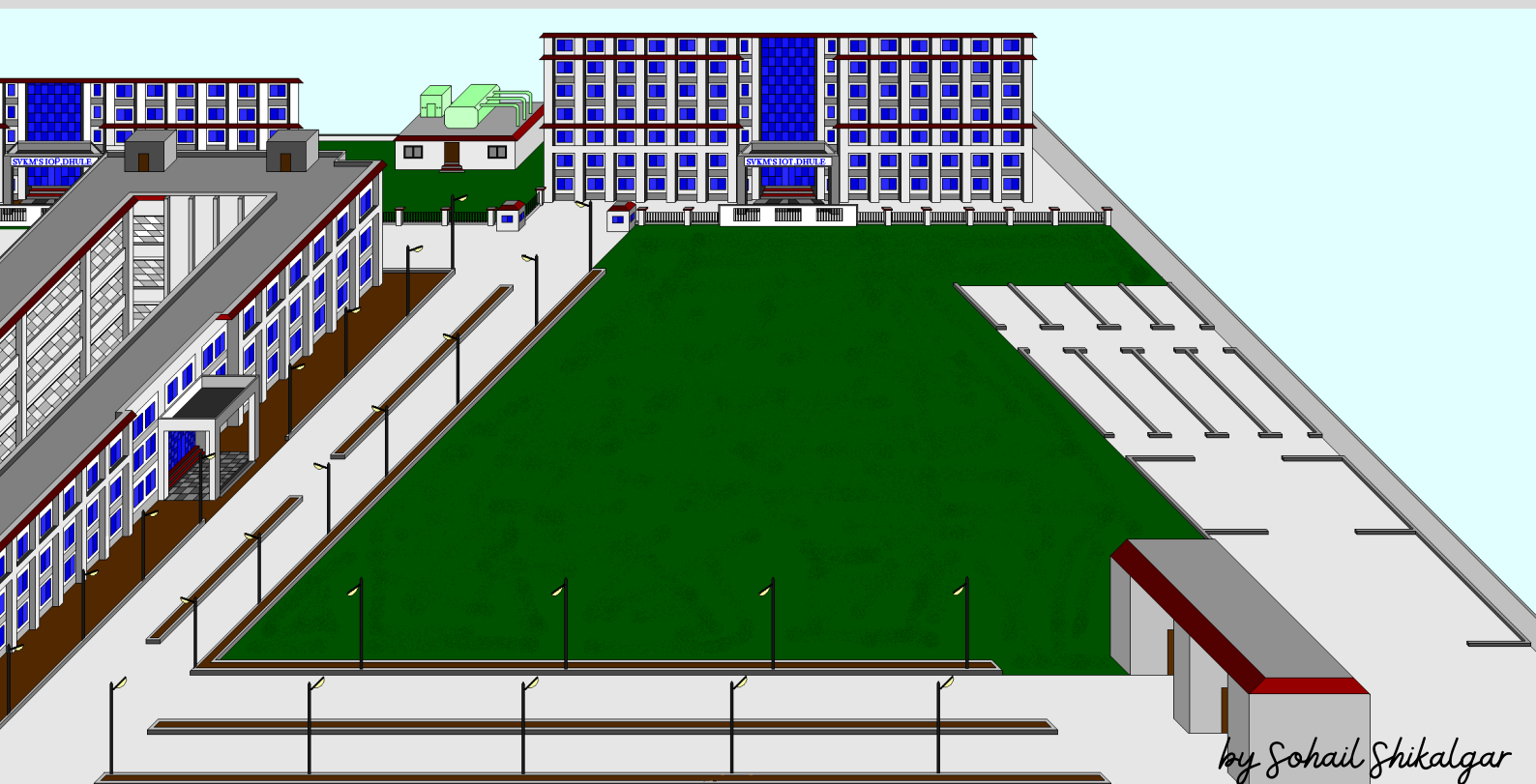
CIVIL'S SCOOP



THE OFFICIAL NEWSLETTER OF DEPARTMENT OF CIVIL ENGINEERING

INSIDE THIS ISSUE

- *Department Activities*
- *Highlights from A.Y. 2021-22, Odd semester*



FROM THE DESK OF,

by Dr. Nilesh P. Salunke, Principal

I appreciate the continuity maintained by the team for the publication. We can see the efforts taken by the students and the faculties to bring everything together. I wish all the best for the future activities of the department.

by Dr. Shrikant B. Randhavane, Head of Department

I am pleased to release this volume of newsletter for the readers. The goal of this newsletter is to showcase and summarize departmental activities at the end of semester. I appreciate the efforts of everyone from the department for the contribution to continue newsletter. I hope, we will keep up with our activities ahead with the same enthusiasm.

INSTITUTE'S

Vision:

To prepare the students ready with socially sensitive Engineers of Excellence who will grow with the Institute and add value to the Nation.

Mission:

Strive to become one of the Institutions to be globally recognized as a Resource of Excellence focusing on nurturing and developing the Society.



DEPARTMENT'S

Vision:

To generate technocrats of universal standards in Civil Engineering who are academically and professionally strong with the capability to serve society and face global challenges through innovation, research and modern technologies.

Mission:

- To educate the students of Civil Engineering to understand the problems of society and solve them through innovations.
- To cultivate a creative and research environment among the students which will contribute in solving the world's problems.
- To make the students conscious of the environment and trained in developing sustainable infrastructure and renewable sources of energy.
- To create professionals who can design and develop Civil Engineering systems, which can contribute towards rural and urban growth.



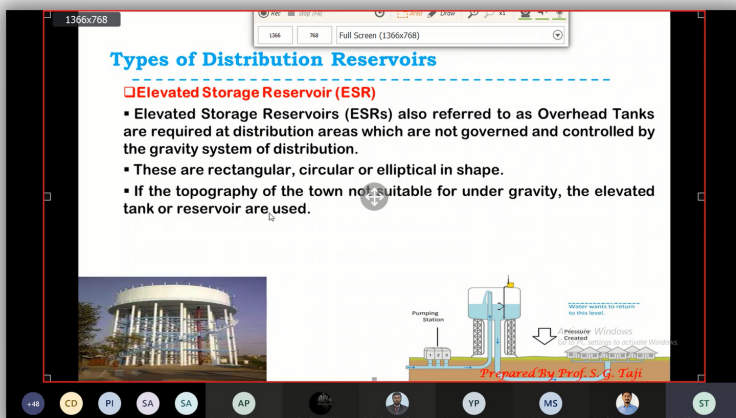
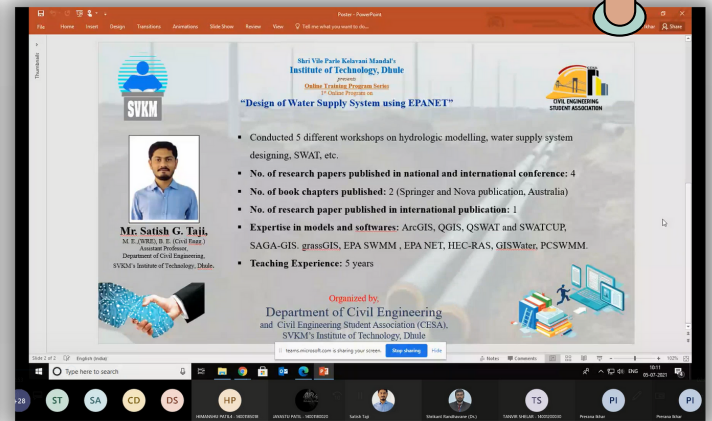
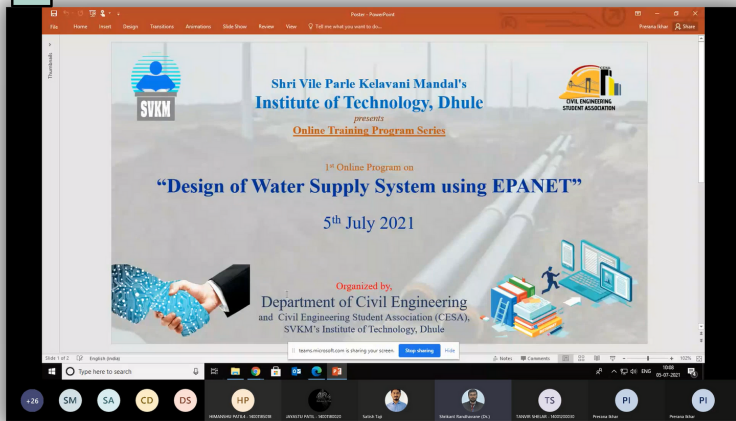
Training Program Series

The pandemic COVID-19 has necessitated drastic measures like social distancing, staying indoors to be taken to fight against it. Needless to say, these are challenging times that we are living in. This situation had demanded highly skilled technical persons who cannot be stopped by the constraint of online methods. Thus, to develop the skills of student for different software required in Civil Engineering. Our department had initiated the online training program series for UG and Diploma students especially. This series has basically focused on software training.

1 Design of Water Supply System using EPANET

A detailed session on design of water supply system using EPANET including the Introduction to water supply systems and Introduction to EPANET were covered in the workshop. Students got an overview of how to design a water supply system and EPANET software which will be helpful for their project work and in future career as well. Total **152 participants** from all over Maharashtra has participated in this event organized on **July 5, 2021**. Resource Person for the event was Prof. Satish Taji, Assistant Professor, Dept. of Civil Engineering, SVKM's Institute of Technology, Dhule.

Glimpses of Event



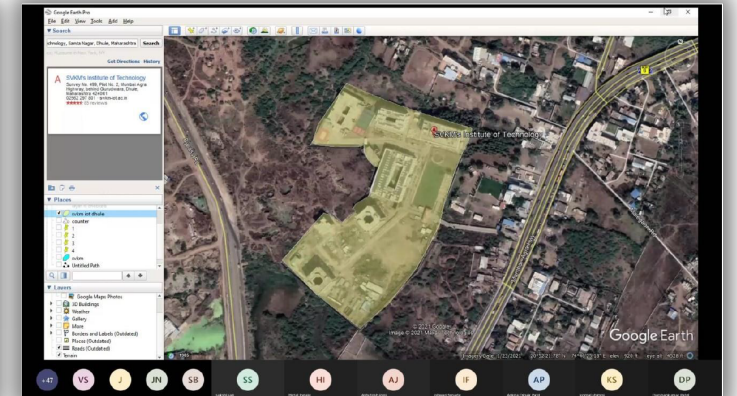
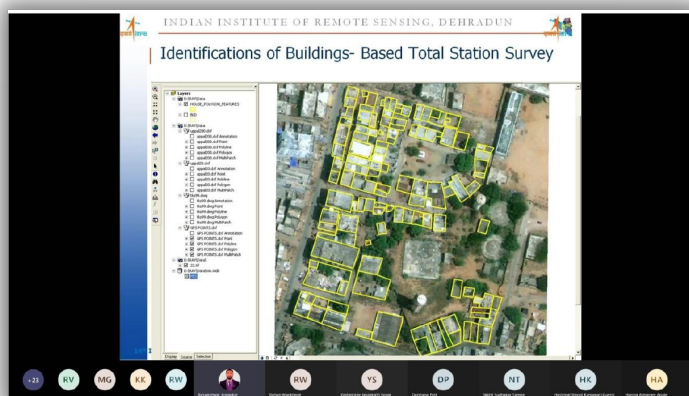
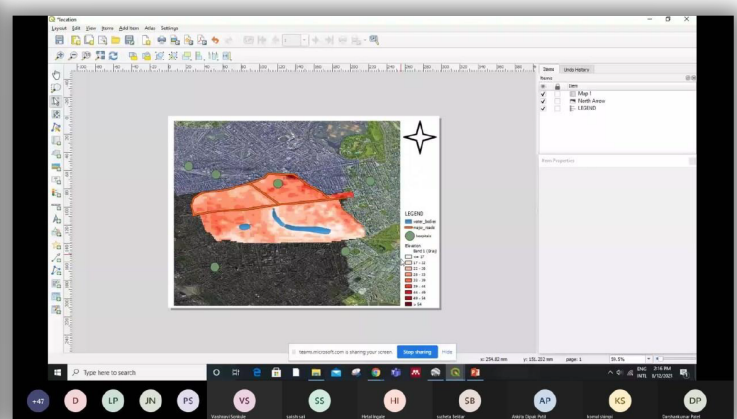
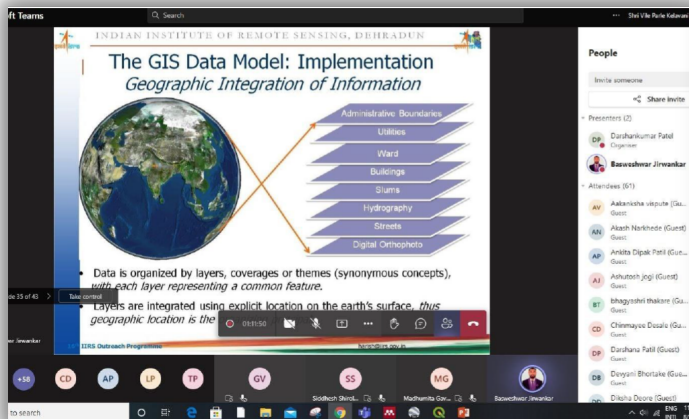
2

Introduction to Geoinformatics with Digitization of Maps

A detailed session on Introduction to Geoinformatics, Remote Sensing and Processes, Mapping basics, Concept of Mapping- Base map, Cadastral map, Scanning and Digitization with Georeferencing and Applications of Geoinformatics were covered in the workshop. Students were introduced to the emerging field of civil engineering. The concepts of mapping like Base map, Cadastral map, Geospatial Technologies for Mapping, Methodologies and creation along with digitization process and techniques have demonstrated. Total **102 participants** from all over Maharashtra has participated in this event organized on **August 12, 2021**. Prof. Darshankumar Patel and Prof. Basweshwar Jirwankar, Assistant Professor, Dept. of Civil Engineering, SVKM's Institute of Technology, Dhule executed the whole workshop as resource persons.



Glimpses of Event



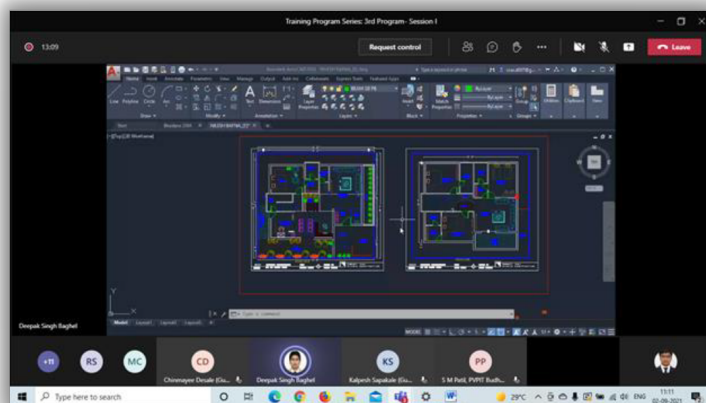
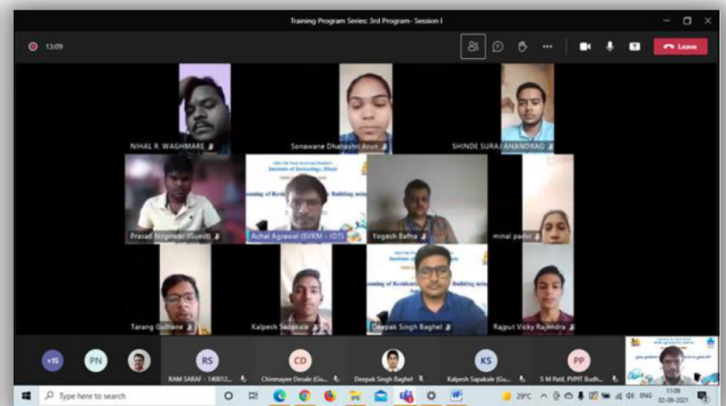
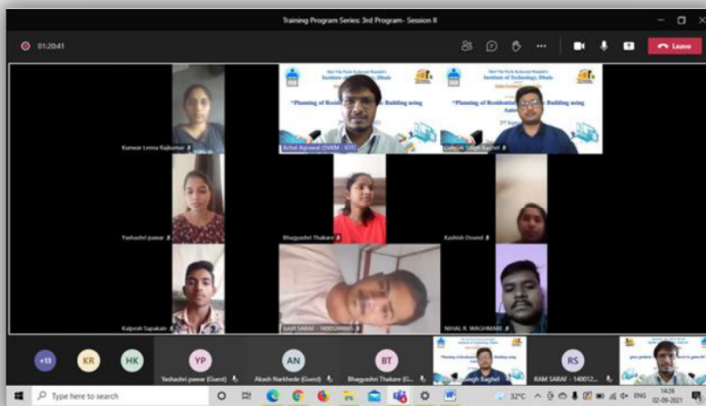
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Planning of Residential and Public Building using AutoCAD

A detailed session on planning of residential and public building using AutoCAD including the introduction to AutoCAD and building planning were covered in the workshop. AutoCAD is considered as an important and powerful software for 2D drawings of building planning. As an emerging engineers, each student should have basic knowledge of extent upto which this software can be helpful for planning. In this event, the training of drawing single and double line plans introduced. Various commands and their shortcuts also have discussed. Total **43 participants** from all over Maharashtra has participated in this event organized on **September 2, 2021**. Prof. Deepak Singh Baghel, Prof. Yogesh N. Bafna, Assistant Professor, Dept. of Civil Engineering, SVKM's Institute of Technology, Dhule executed the whole workshop as resource persons.



Glimpses of Event

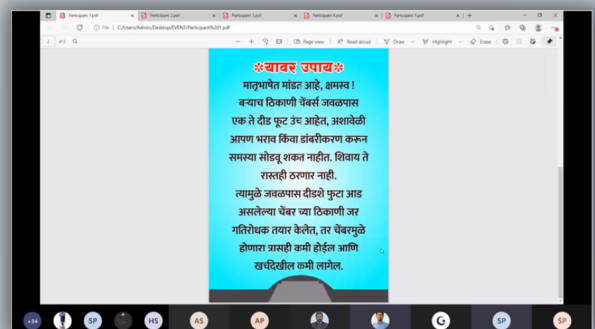
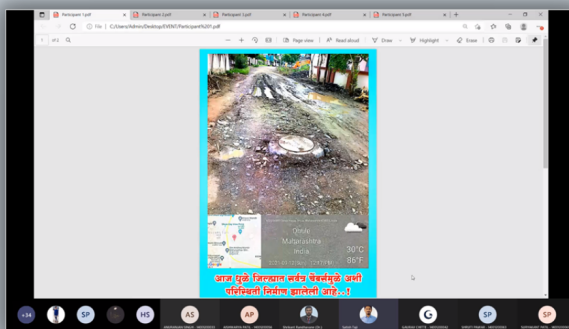
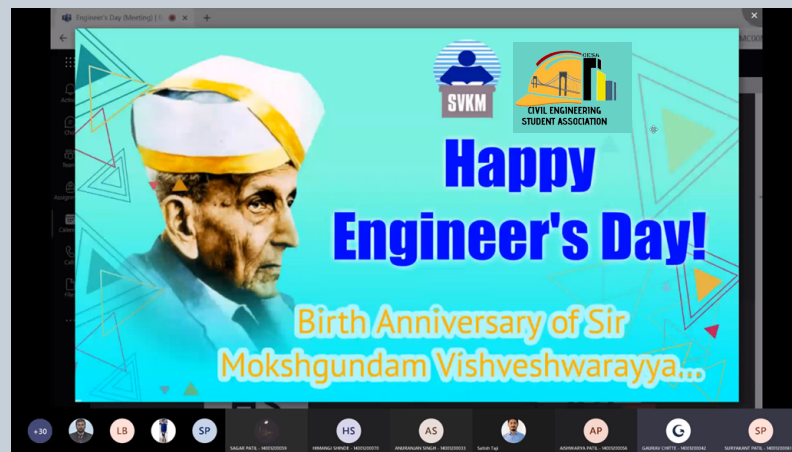


Engineer's Day 2021

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On the occasion of 54th Engineer's Day on September 15, 2021, Department and Civil Engineering Student Association celebrated the occasion by formal inauguration of student council of association and competition named as 'Ignited Minds'. Every year September 15 is celebrated as Engineer's Day in India to commemorate one of India's finest engineers, Mokshagundam Visvesvaraya. M Visvesvaraya is considered one of the foremost nation-builders, creating marvels upon which modern India was built. He was referred as the 'precursor of economic planning in India', according to the Institution of Engineers India (IEI).

To accentuate the critical thinking in students about the problems faced by the society in their surrounding, the competition was organized. In this, they have to identify the problem in the surrounding and try to give solution as engineering point of view. Students had shown enthusiastic participation.



Engineer's Day 2021

The Civil Engineering Students Association at SVKM IOT, Dhule, was established with a prime objective to proliferate knowledge and address industrial issues by bringing corporate, professors and students on common platform. We aim to promote Civil Engineering by providing the much-needed practical exposure to the community members through its regular activities like technical seminars, chapters, games, research symposium, talks on ongoing research practices throughout the globe and many other related topics from distinguished practitioners of the trade.

During the event, the announcement of new CESA Student Council was done by Dr. Shrikant Randhavane and motivated students to come forward to explore new abilities. The event coordinated by Prof. Prerana Ikhhar, Prof. Satish Taji and all staff of department.

SHRI VILE PARLE KELAVANI MANDAL'S
INSTITUTE OF TECHNOLOGY, DHULE
DEPARTMENT OF CIVIL ENGINEERING

Formally Inaugurates

Civil Engineering Student's Association (CESA)
For Academic Year 2021-22

President
Dr. Shrikant Randhavane
Head of Department

Faculty In-charge
Miss. Prerana Ikhhar
Mr. Satish Taji

SHRI VILE PARLE KELAVANI MANDAL'S
INSTITUTE OF TECHNOLOGY, DHULE
DEPARTMENT OF CIVIL ENGINEERING

Formally Inaugurates

Civil Engineering Student's Association (CESA)
For Academic Year 2021-22

Students Council

Vice-President (VP)	Event Management Team
Executive Secretary	News and Media Team
Treasurer & Joint Secretary	Refreshment and Logistic Team
Cultural Secretary (CS)	Ladies Representative (LR)
Sports Secretary (SS)	Class Representative (CR)

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EXPERT TALK

For the students of third and final year engineering of Civil Engineering branch, an expert talk by **Mr. Jitendra Chaudhari, Associate Faculty (Made Easy, Delhi)** on **“Career Opportunities after B.Tech.”** was conducted. During session Mr. Chaudhari told his insights regarding opportunities as an engineer in various sector. He discussed many examples of engineering students from nearby areas that were ranked in GATE, ESE exams through their academy. He gave meaningful insights about the marks distribution, importance of strategic planning while studying. The session went by addressing the following points:

- Opportunities for graduates in public sector, private sector, higher education, business, etc.
- Eligibility criteria for exams e.g. GATE, ESE.
- Overview of selection procedure of ESE.
- Overview of GATE and opportunities through it
- Success stories of rank holders

Dated on: **October 9, 2021**

Total No. of Students Benefitted: **58**

Type of Ques.		Negative Marks
MCQ Multiple Choice Questions		Yes
MSQ Multiple Select Questions (MSQ) and/or		No
NAQ / NAT Numerical Answer Type (NAT) Questions		No

SECOND YEAR ORIENTATION

For the students of engineering domain, entry in second year is the primary introduction to their own department. And, this online phase of pandemic has introduced the necessity of blended education from past few months. Thus, orientation became the first physical introduction of SY students to their academics. In this program, students were introduced with all the general instructions about discipline and rules maintained in the department. Students were also introduced with student support and facilities like library, computer labs and Wi-Fi, canteen and common room, various central committees such as Anti-ragging, Women Grievance, National Service Scheme, Institute Innovation Council, CESA, additional curricular support like Coursera, Spoken Tutorial.

Students are encouraged to communicate their expectations from the department. Few ice-breaking activities are also conducted to familiarize them with each others and faculties. All the available labs and classroom facilities are introduced with the help of small visit over the floor. The event was concluded with the opportunities provided by the Civil Engineering field explained by Dr. Shrikant Randhavane, Head of the Department.

Dated on: **October 25, 2021**

Targetted Students: All SY students



INTERNATIONAL CONFERENCE

RESEARCH & DEVELOPMENT IN CIVIL ENGINEERING RDCE'21 (VIRTUAL)

The aim of this conference is to provide an excellent international forum for sharing knowledge and results in theory, methodology and applications of multidiscipline & its trends. The Conference focused on significant contributions to all major fields of Civil Engineering and Allied Domains in theoretical and practical aspects. From conference, collaboration of international researchers, engineers, scientists and academician and students happened on single platform. Participants learnt various new emerging topics in the field of Civil Engineering and sustainability. The theme of conference was,

- Sustainability and Smart Cities
- Structural and Infrastructure Engineering
- Concrete Technology
- Modeling, Simulation and Optimization
- Environmental Engineering
- Water Resources and Hydraulic Engineering
- GIS and Remote sensing
- Geomechanics, Geotechnical and Geoenvironmental Engineering
- Transportation Engineering
- Project and Construction management

Organizing Chair: Dr. Nilesh Salunke

Convener:

- 1) Dr. Shrikant Randhavane
- 2) Dr. Narayan Chandak

Conference Coordinator:

- 1) Prof. Deepak Singh Baghel
- 2) Prof. Achal Agrawal

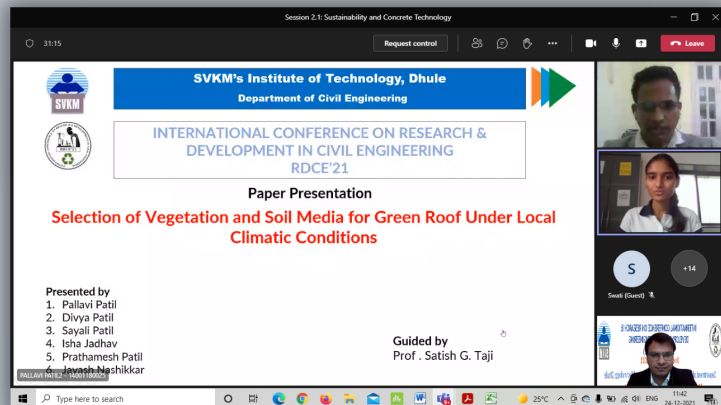
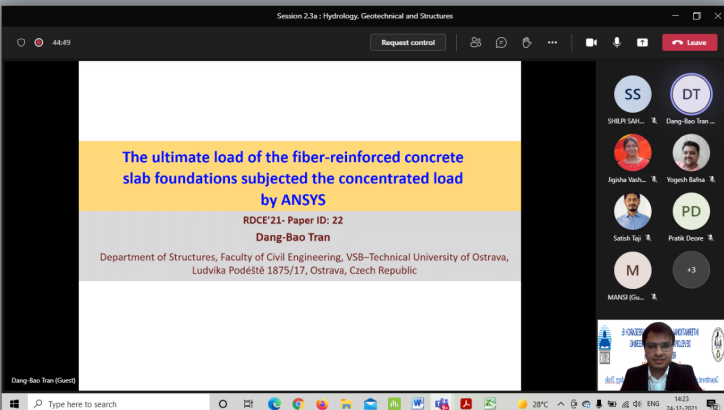
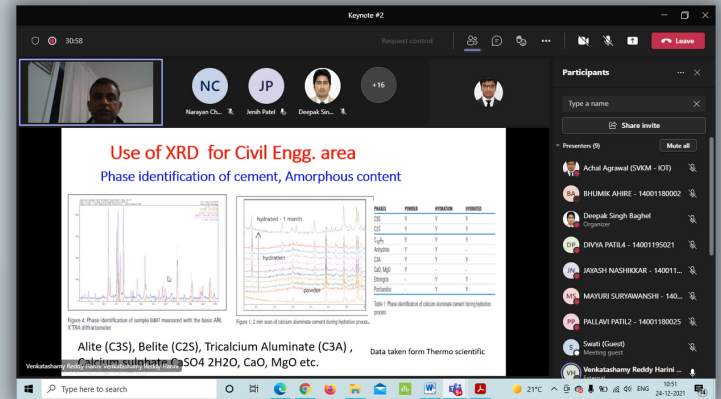
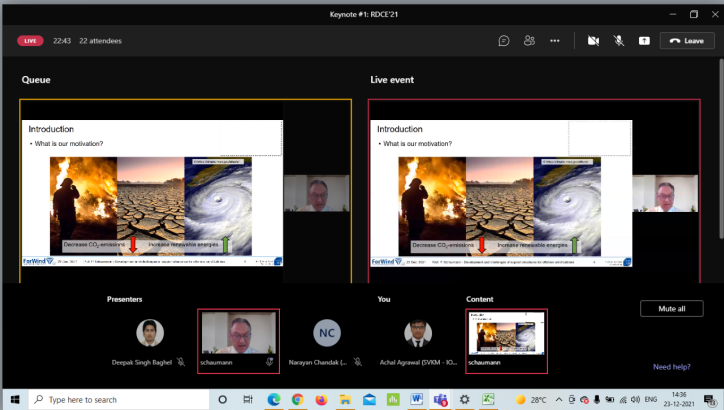
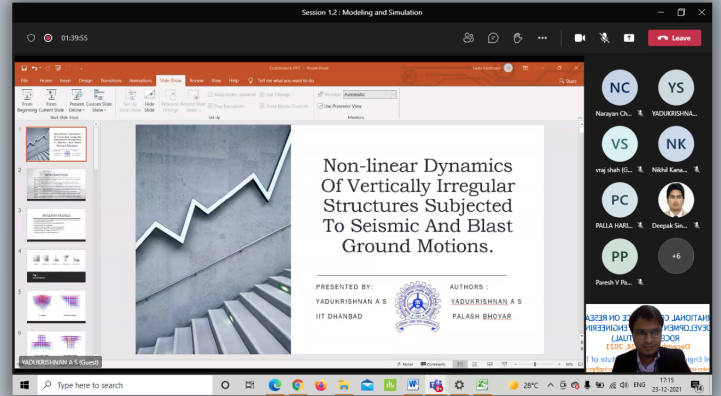
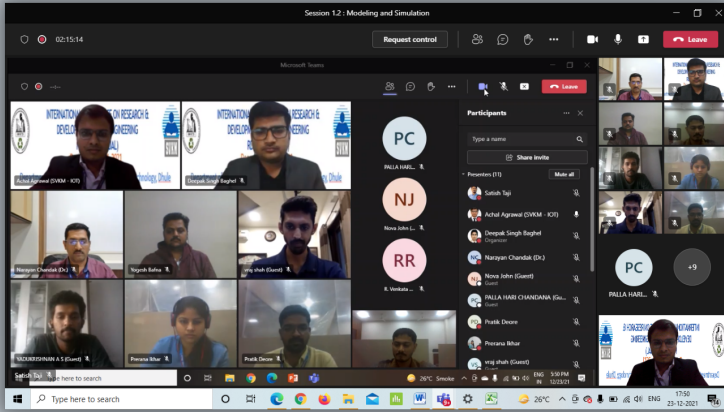
Keynote Speaker of Conference:

- 1) Prof. Dr. Peter Schaumann, Institute for Steel Construction, Hannover, Germany.
- 2) Dr. M.V. Reddy, Nouveau Monde Graphite (New Graphite World) Quebec, Canada.

Dated on: December 23 and 24, 2021

INTERNATIONAL CONFERENCE

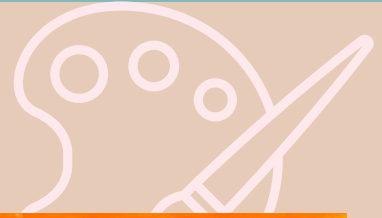
RESEARCH & DEVELOPMENT IN CIVIL ENGINEERING RDCE'21 (VIRTUAL)



Glimpses of RDCE'21

Dated on: December 23 and 24, 2021

Students Corner



-Bhavesh Lehar, Third Year



-Farzan Khan, Fourth Year



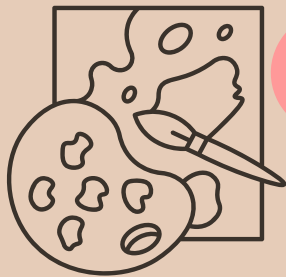


Student's Corner



-Mayuri Suryawanshi,
Fourth Year

Vivo V15Pro



-Aakanksha Suryawanshi,
Fourth Year

Aakanksha
28/3/2020 ☺

Student's Corner



©Mayur_Pawar

-Mayur Pawar, Fourth Year

Student's Corner



-Farzan Khan, Fourth Year

STAFF CONTRIBUTION

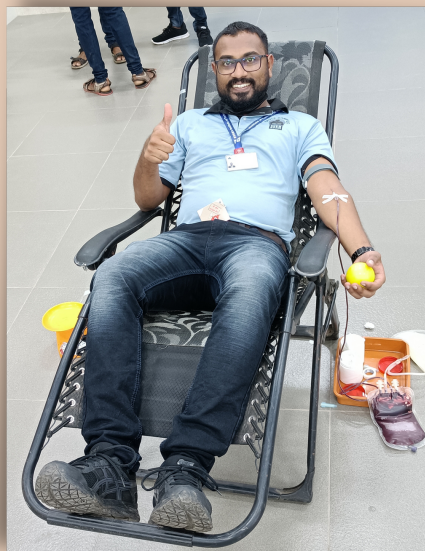
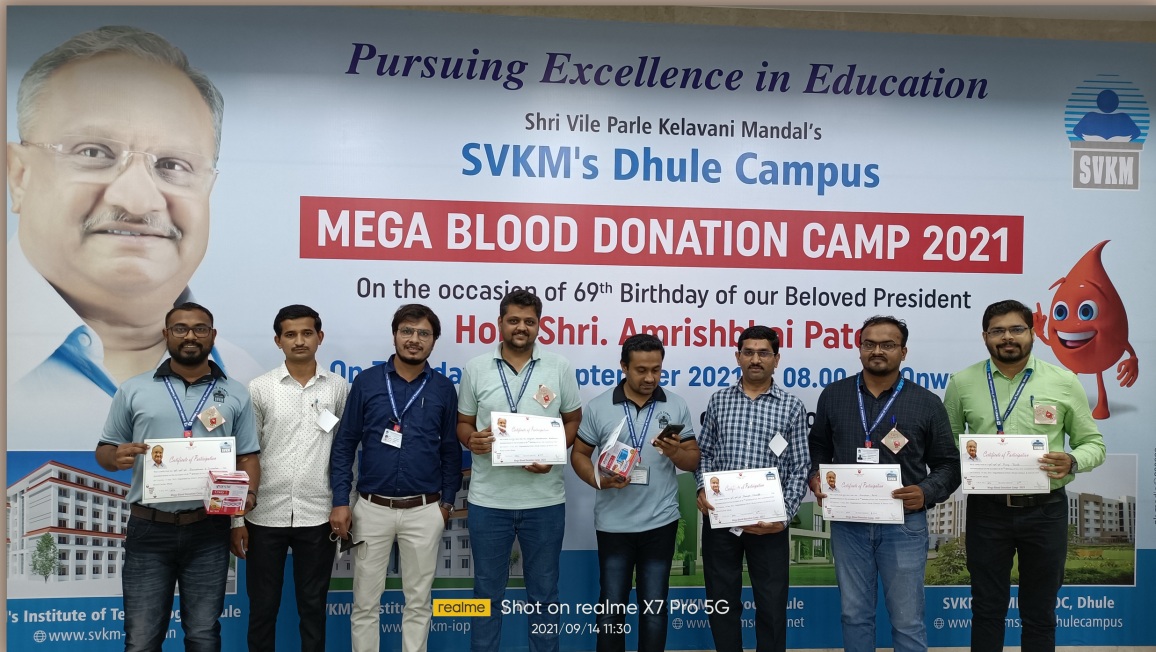
On the occasion of **69th Birth year** of our beloved **Honourable President Shri. Amrishbhai R. Patel**, various Inter-Institute Sports and other activities were organized in **SVKM, Dhule Campus**. These competitions were held between the staff of Institute of Technology, Institute of Pharmacy, SVKM School and NMIMS. All staff members were encouraged to participate in all types of activities to unwind their zeal for the upcoming physical academic sessions after a long break of pandemic.

The staff members of department of Civil Engineering showed their skills in the events and proved their potential in extra-curricular activities as well. Following are the contributions made by staff in the events,

Sr. No.	Name of staff	Sports	Medal
1.	Dr. Shrikant Randhavane and Prof. Achal Agrawal	Table Tennis (Doubles)	Silver
2.	Prof. Yogesh Bafna, Prof. Achal Agrawal and Prof. Pratik Deore	Cricket	Silver
3.	Prof. Prerana Ikhar and Prof. Farha Naz	Carrom (Doubles)	Silver
4.	Ms. Swaleha Ansari and Prof. Mayuri Kulkarni	Carrom (Doubles)	Bronze
5.	Prof. Deepaksingh Baghel	Debate Competition	Gold
6.	Prof. Satish Taji	Chess	Silver
7.	Prof. Prerana Ikhar	Badminton	Silver
8.	Prof. Prerana Ikhar	Chess	Bronze

SOCIAL RESPONSIBILITIES

On the occasion of **69th Birthday** of our beloved **Honourable President Shri Amrishbhai R. Patel**, SVKM Dhule Campus organized **Mega Blood Donation Camp 2021** on **September 14, 2021**. The blood donation camp was open for staff, their family members and others also. Campus recieved great reponse form everyone and able to contribute in the great cause of blood donation. Students from the campus coordinated for the successful completion of the event.



Did you know ?



Kailasa Temple is part of the rock-hewn monastic cave temple complex, Ellora Caves. This is an massive Temple structure, which is believed to have been carved out of a single rock. The Kailasa Temple is definitely an ideal example of Reverse Engineering and it was chiselled using the Top-down approach in construction.

Reference: The Hans India

EDITORIAL TEAM

Editor in Chief

Dr. Shrikant Randhavane
 Prof. Prerana Ikhari
 Prof. Satish Taji
 Prof. Darshankumar Patel

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 Harsh Sakhla

You can contribute by sharing your thoughts and suggestion at civilsvkm2020@gmail.com



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