

AAKAR

A News Letter
Of
**THE DEPARTMENT OF
CIVIL ENGINEERING**



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SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' Grade

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SMVITM



Shree Shree Vishwavallabha Theertha Swamiji

Education transforms and refines the human spirit, and a refined human spirit makes that contribution to society which transforms society itself. Today's thinking should not kill the future and hence encouragement and nurturing of innovation and inquiry should become the cornerstone of any educational endeavour.

It is our attempt through the Shri Sode Vadiraja Mutt Education Trust(R) to impart professional education that bridges social gaps and empowers all segments of the society to approach the future with optimism and hope. All facilities both human and otherwise will be provided for the young minds to blossom and meet challenges with confidence.



American Society of Civil Engineering defines Civil Engineering as the profession, in which a knowledge of the mathematical and physical science gained by study, experience and practice is applied with judgment to develop ways to utilize economically the materials and forces of nature for the progress of well-being of man.

The Civil Engineering Department has been in existence since the inception of the institute during the Academic year 2010-11 with, an intake of 60 students. The Department has got a highly qualified team of faculty members having rich experience within the academia and industry. The Department has set up state-of-the-art laboratories with all modern equipment in specialized areas to meet the needs of students as well as R&D and consultancy works that are on a par with institutions of repute in different fields of civil engineering.

Dr. Sandeep J Nayak

Professor & Head, Department of Civil Engineering

Our Vision

“To establish a renowned centre to impart quality technical education, leadership qualities, professional ethics so as to contribute civil engineers to the society, capable of meeting global challenges”.

Our Mission

- To provide unparalleled infrastructural facilities for imparting quality education at affordable cost.
- To provide an academic environment conducive for quality education and research, focusing on transfer of knowledge for the benefit of the profession and society.
- To nurture talent in students and staff to enable them to be leaders in their chosen professions while maintaining the highest levels of ethics.
- To create awareness about innovation and ideation amongst students to promote entrepreneurship.
- To provide a platform for effective interactions and networking amongst all stake-holders so as to achieve excellence in education, research and outreach activities.

Webinar on “Capital Market awareness”

27th May 2021

Dr. Sharan Kumar Shetty

Detailed report on the activity.

The Civil Engineering department in association with Faculty & Student Chapter of Indian Society for Technical Education (ISTE) has organized a webinar on “**Capital Market Awareness**” by Dr. Sharan Kumar Shetty, Associate Professor & Member of Governing Council, MSN Institute of Management, Mangalore.



Dr. Shetty addressed the participants on how to focus on Post tax earnings and exponential growth in the asses building. He gave suggestions to the audience on investment and returns are the two main parameters for the survival in today’s scenario. Also the speaker stressed on focus on holistic wealth could lead to increase in the earnings. He also advised the students on risk involved in the volatile investment. More than 65 people have participated in this event.

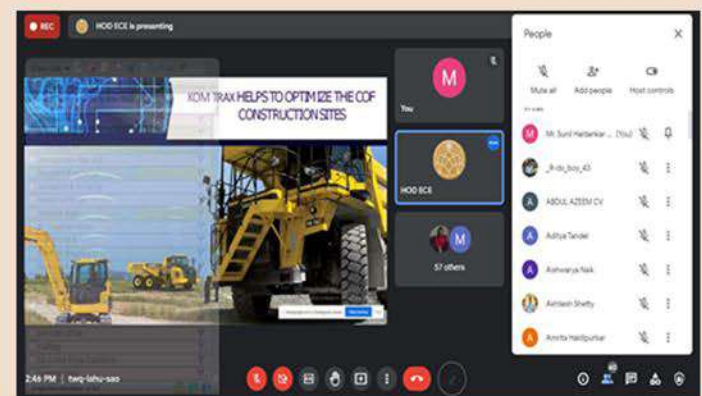
“VISTAARA”- 2021, Value added course

16th July 2021 to 17th July 2021

Dr. H Shivakumar, VTU Special officer, Mangalore region

Detailed report on the activity

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi in association with ISTE student chapter has organized two days Value added course (VISTAARA-2021) from 16th July 2021 to 17th July 2021 for Students, staff & faculty members of Govt. polytechnic Karwar.



The inaugural function was followed by a Chief guest address on “Latest happenings in Engineering” by Dr. H Shivakumar, VTU Special officer, Mangalore region.

On Day-2 Er. Anirudh Rao Managing director, Projectile consultants Pvt. Ltd Mangaluru. delivered a Key note session on “Digital construction technology”. The resource person of two day Value added program are Dr. Sandeep J. Nayak, Head of Department of Civil Engineering, Dr. Sachin Bhat, Head of Electronics and Communication Engineering, Mr. Madhusoodhana Rao, Senior Assistant Professor, Civil Department, Ms. Deepika B V, Senior Assistant Professor, Civil Department, Mr. Roshan Kotian, Assistant Professor, Civil Department and Mr. Abhijit and team final year students of Civil Engineering.

“Building Plan and Marking”

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Alumni Cell and ISTE Student Chapter organized a workshop on “Building Plan and Marking” for final year students of Civil Engineering which was held on 09th September 2021 in the institute premises..

Resource persons for the workshop were Alumni of Civil Department from second and third batch. The session were split in to two parts. The first session of Building Plan and marking drawing preparation was taken by Er. Roshan S Kotian, Alumni (2011-15 batch) working in Apex consultants Udupi.



The session started with various documents for building construction and use of byelaws for building plan. The hands-on session were conducted for all students in preparing Building Plan and marking drawing.

SMVITM TALENT HUNT 2021 (Corona mein kuch karona)



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WINNERS

SMVITM TALENT HUNT 2021

ORGANIZED BY
SMVITM ALUMNI ASSOCIATION AND SHAPATI STUDENT CLUB
DEPARTMENT OF CIVIL ENGINEERING, SMVITM, UDUPI

 K PRATHVI RAO (WINNER OF CATEGORY 1)	 GAURAV ACHARYA (WINNER OF CATEGORY 2)	 RASHMI (WINNER OF CATEGORY 3)
 ASHWINI (WINNER OF CATEGORY 1)	 PRASANNA G SHET (WINNER OF CATEGORY 2)	 PRASHA (WINNER OF CATEGORY 3)

Online competition held for Alumni and students of SMVITM has been conducted in the month of June. The event was organized through Instagram profile. Gardening, Art, Craftwork, YouTube channels, Dance, Singing, Story writing, Skit, Video editing, Photography, Short movie and Instagram reels were the competitions in which students uploaded their content. Total 100 registration for the event out of which 20 were Alumni. Got good circulation of our student’s talent in the social media.

Talk on “ Project Implementation and preparedness” By Ar. Yogish Chandra Dhara

Civil Engineering department in association with ISTE student chapter and Sthapathi Student club organized a talk on Project implementation and preparedness by Architect Yogish Chandra Dhara, Partner A G Associates, Udupi on 29th November 2021 at college premises for the students of Civil Engineering department.



Mr. Yogish Chandra Dhara addressed the students on handling the projects with professional obligations and how professionals are different from businessmen. He also stressed upon the significance role of professional engineers in the nation building and inspired the students to take up the opportunities which are abundantly available in the country but need to update the knowledge and skill.

VISTAARA- 2

Civil Engineering department in association with ISTE organized a two days value added course titled as VISTAARA- 2 for the nearby diploma colleges on current trends in Civil Engineering field which was held on 24th and 25th September 2021 through online platform.

Dr. Nagraj Bhat, Head of the computer Science department have addressed the students on application weather informatics in civil engineering applications; Mr. Sunil S Haldanker, Senior Assistant Professor from Civil Engineering Department explained the advancement in the soil mechanics and its application. Mr. Roshan S Kotian, Assistant Professor, Civil Engineering Department gave deep insights on legal documentation process involved in the Building plan approval system. Mr. Abhijith, Final year student of Civil Engineering Department demonstrated the project idea generation and its implementation to the students.

More than 100 students have participated from Government Polytechnic College, Karkala, Kamath Polytechnic College, Kundapura, Karnataka Government Polytechnic College, Mangalore, Shri Vidhyadhiraja Polytechnic College, Kumta, Sunkadakatte Niranjana Swamiji Polytechnic College, Sunkadakatte.

VIDEO CONTEST ON WORLD WATER DAY- 2021

Each year World water day is celebrated all over the world to bring the awareness amongst the public on **Sustainable water utilization and reuse**. The purpose to celebrate this world water day is to remind that we should follow the guidelines to save water for us and for our future generations as well. This target will extend beyond concerns of cost to include the environmental and socio-cultural value placed on water resources. World Water Day 2021 is about what water means to people, its value and how we can protect this essential life resource.

One day activities for PU students of SVH PU College Innanje

The Eco Club, Sthapati Student Cell and Women Empowerment Cell of SMVITM jointly organized a one day activities for PU students of SVH PU College Innanje on 30 December 2021 on 30 December 2021.

The Women Empowerment Cell of SMVITM organized a session on "Health and fitness for well-being at 2pm in the SVH PU College Innanje by Ms. Deepika B V, Institutional coordinator, WEC, Assistant Professor (Sr), Dept. of Civil Engineering, SMVITM, Bantakal. The session defined the health is all about physical, mental and social wellbeing of a person.

The Sthapati Student Cell of Civil Engineering Department of SMVITM organized a session on "First aid during Cardiac Attack" at 3pm in the SVH PU College Innanje by final year students of Civil Engineering Department Ms. Janvi V Nilekani and Mr. Preetham Nayak K J. The session gave the step by step procedure to be followed during the cardiac attack to save the life of the person.



The Eco Club organized a project exhibition on "Best Out of Waste- Environmental Protection and Sustainable Development" for PU students of SVH PU College Innanje at 4pm. More than 45 students participated in the exhibition with the innovative model having lab to land application and also made various craft items out of household waste. The two teams were selected as winners at the end of the exhibition. Mr. Pundarikakshya Kodancha, Principal of SVH PU College appreciated the efforts of organizing the exhibition.

Mr. Pundarikakshya Kodancha, The Principal of SVH PU College, Dr. Sandeep J Nayak, HOD of Civil Engineering Department, Mr. Sunil Haldankar, Institutional coordinator, Eco Club, Faculties, Students of SMVITM and Students of SVH PU College were present for the session. The session was beneficial for more than 120 students.

Industrial visit

The Sthapathi club of Civil Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with the ISTE Student Chapter organized a technical trip for 5th and 7th Semester students to Dharmastala Sewage treatment plant and Neria Mini Hydrel power plant on 23rd December 2021. There were 55 students with 4 faculty members.



Supervisor Balakrishna of vermicompost pant, Dharmasthala shared his 40 years of experience in the agriculture and addressed the students on how does the organic manure will enhance the availability of micronutrient without harming the soil with toxic fertilizers.

Students have also visited Neria Mini Hydrel Power station at Nidle village, Belthangady Taluk to learn about the working of Kaplan turbines and power generation with the water pressure.

Software demonstration on “Primavera & CostX Software”

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE & Sthapathi, Student club organized a software demonstration on “Primavera & CostX Software which was held on 19th October 2021 at college premises.



Mr. Janardhan Kumar, Trainer, Infinity PMC Technologies was the resource person. Mr. Janardhan addressed the students on importance of skill based learning in the education system and its vital role in corporate sector. He demonstrated the ease of using this software compared to the other architectural software which has estimation as secondary function whereas CostX software exclusively made for the building estimation and approval. Total 45 students have attended this program.