

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 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”.

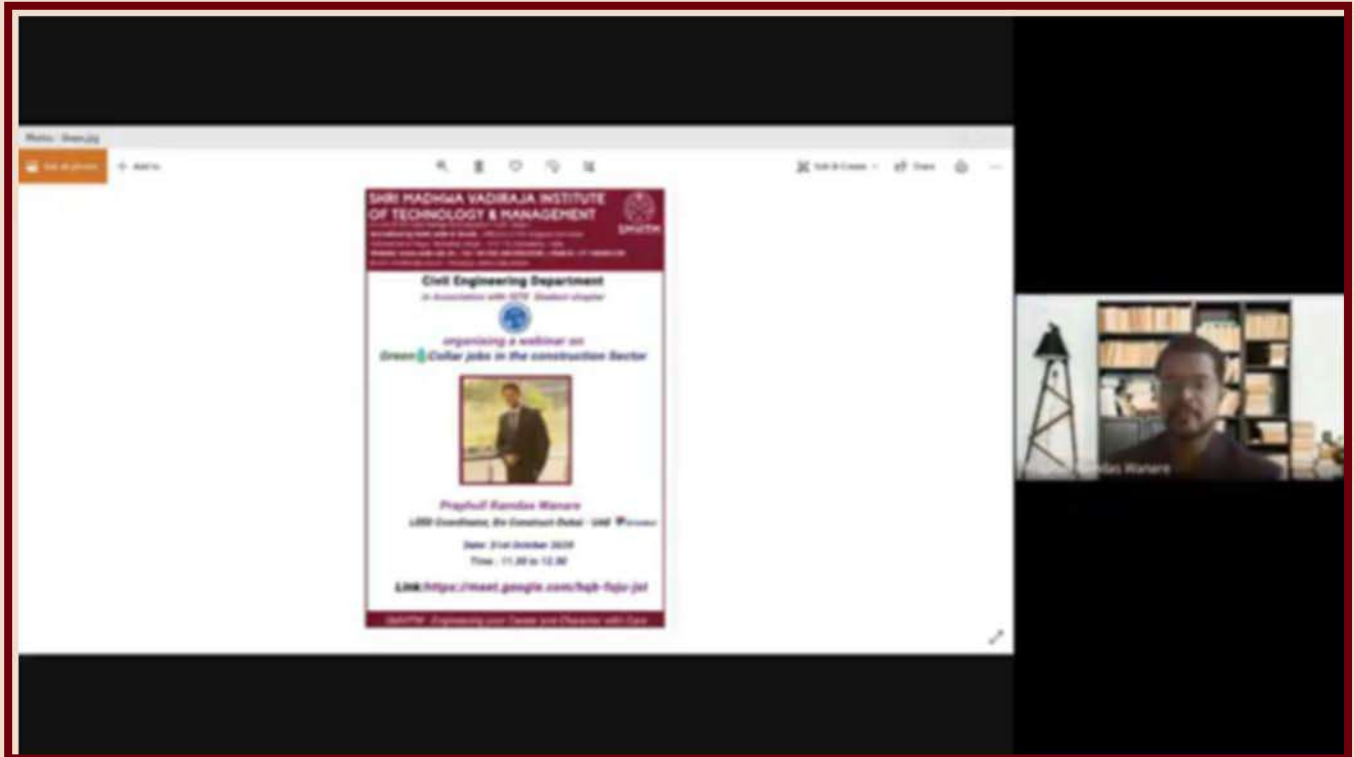
Our Mission

- 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 “Green Collar jobs in construction sector”

31st October 2020

Mr. Praphulla Ramdas Wanare



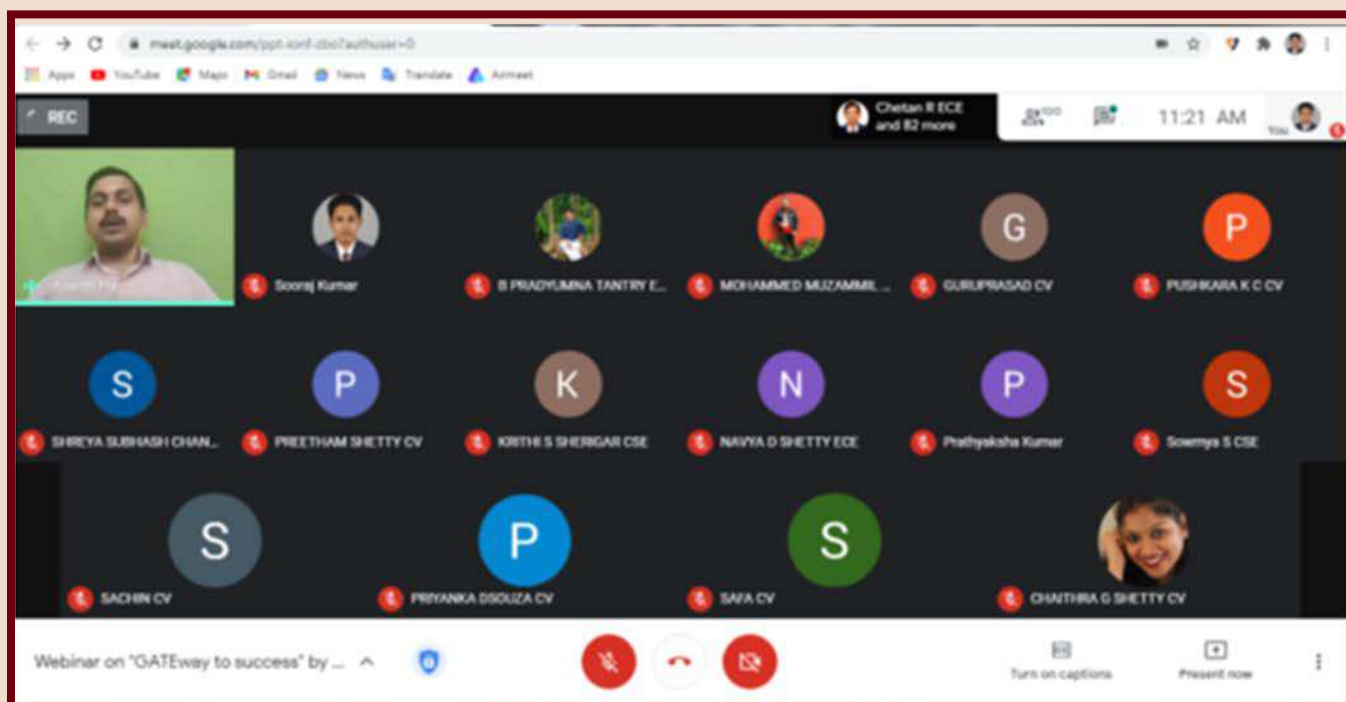
Detailed report on the activity

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a technical webinar on “**Green - Collar jobs in construction sector**” by **Mr. Praphulla Ramdas Wanare, LEED Coordinator, Six Construct - Uptown Dubai**. Mr. Wanare has started the session with the introduction on Green buildings and its importance in current scenario. He had explained the various green features associated with the different projects he had handled during his tenure at Dubai. Students have also learnt the LEED rating system with reference to making the construction energy efficient throughout its life cycle analysis. Later sir had given the job availability in the sustainability construction technology and he emphasizes more on the change in trend from the convention construction practice to the green building concepts. Later speaker explained the opportunities in IGBC and LEED organization for the civil engineering aspirants. The session was concluded by showing an awareness video on sustainability aspect, showing the significance of the resources for the future generation. Total 78 students were benefitted from the session from second, third and final year students of civil engineering department.

Webinar on “GATEway to success”

09th November 2020

Prof. Ananth Pai

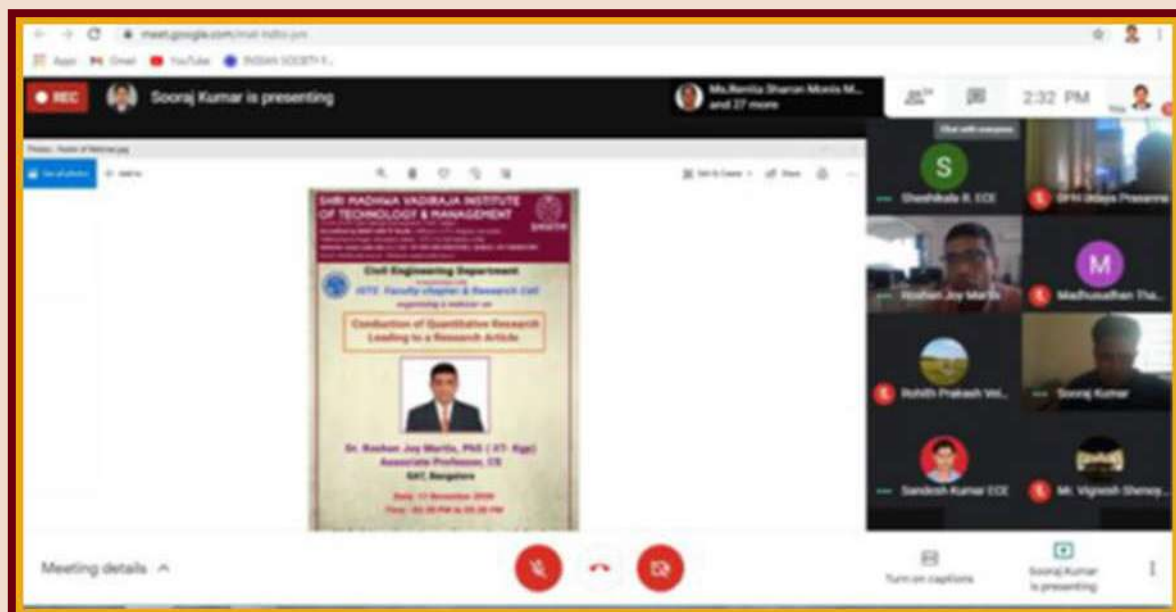


Detailed report on the activity

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a technical webinar on “**GATEway to success**” by Prof. Ananth Pai, Founder of Academy in pursuit of Engineering eXcellence (Apex), Mangalore. Prof. Ananth Pai has started the session by giving brief introduction on GATE examination and its benefits for the students. Sir has explained the consideration of GATE score in various public sector jobs and government jobs like MRPL, UPCL and many more. Sir has also stressed upon the opportunities for the young aspirants in research and development sector, higher education in reputed institutions not only in IISc, IITs and NITs but also in the foreign educational institutions, which can be achieved through the merit in the GATE score. Students were highly motivated to take up the GATE examination seriously right from the second year of engineering which is going to be key to success in the various fields. Total more than 100 students from the different branches have attended the session.

Webinar on “Conduction of quantitative research leading a research article”

11th November 2020



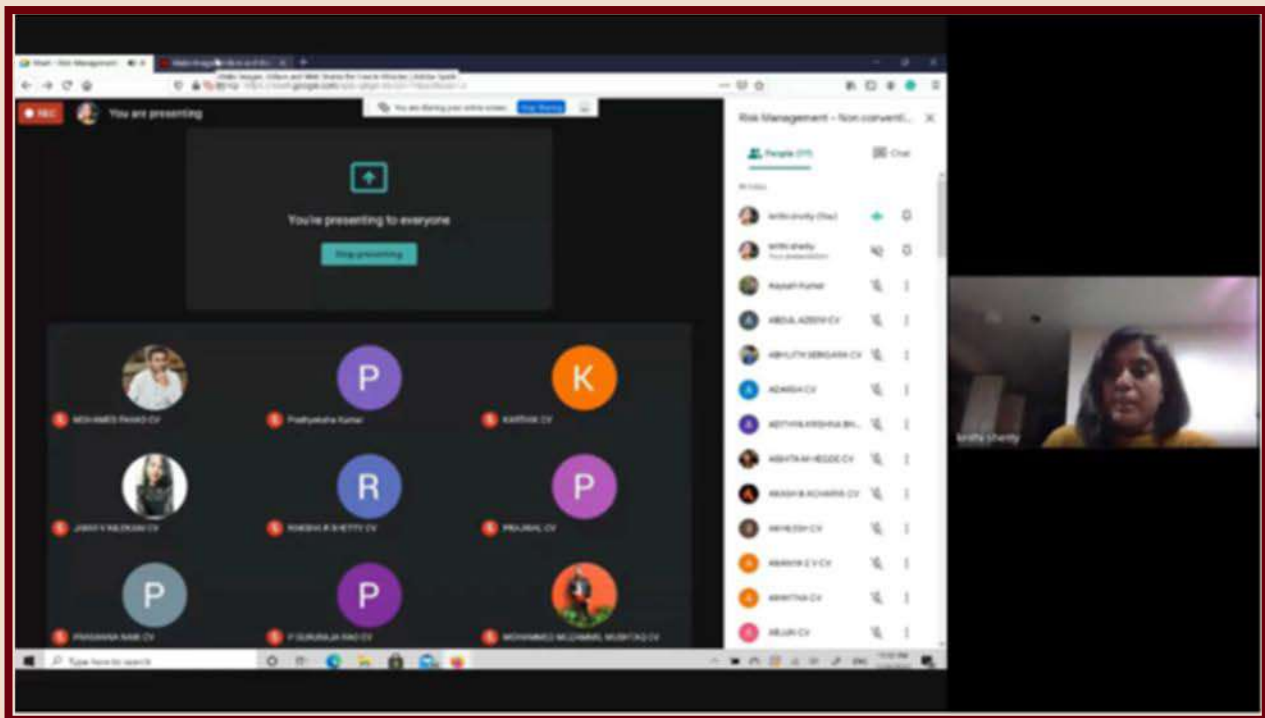
Detailed report on the activity

The Faculty Chapter of Indian Society for Technical Education (ISTE) and Research Cell of SMVITM, Bantakal in association with Civil Engineering department has organized a technical webinar on “**Conduction of quantitative research leading to a research article**” by Dr. Roshan Joy Martis, Associate Professor, GAT Bangalore. Dr. Martis has explained the detailed procedure involved in the conduction of research by illustrating his thesis work at IIT Karagpur on biomedical signal processing. Later he described the various steps involved in the qualitative research article writing and publication in the various reputed journals. He also elaborated on the choosing of research topic on social and environmental aspect, extraction of literatures from various sources, combination of keyword in different search engines, abstract framing for computational research and experimental research and he also laid emphasis on understanding strengths and weaknesses of paper is paramount in publishing it in good journals. More than 50 faculties from different branches have attended this webinar. Program was organised by Mr. Sooraj Kumar, Assistant Professor & ISTE Secretary, Civil Engineering department with the guidance of Dr. Sandeep Nayak, HOD, Civil Engineering department. Mrs. Shashikala, Senior Assistant Professor, E&C department welcomed, Mr. Rohith Prakash Veigas introduced and Dr. Vasudev, Dean Research and consultancy, Computer science department proposed the vote of thanks.

Webinar on “Risk Management: A non conventional civil engineering career choice”

09th December 2020

Ms. Krithi Shetty

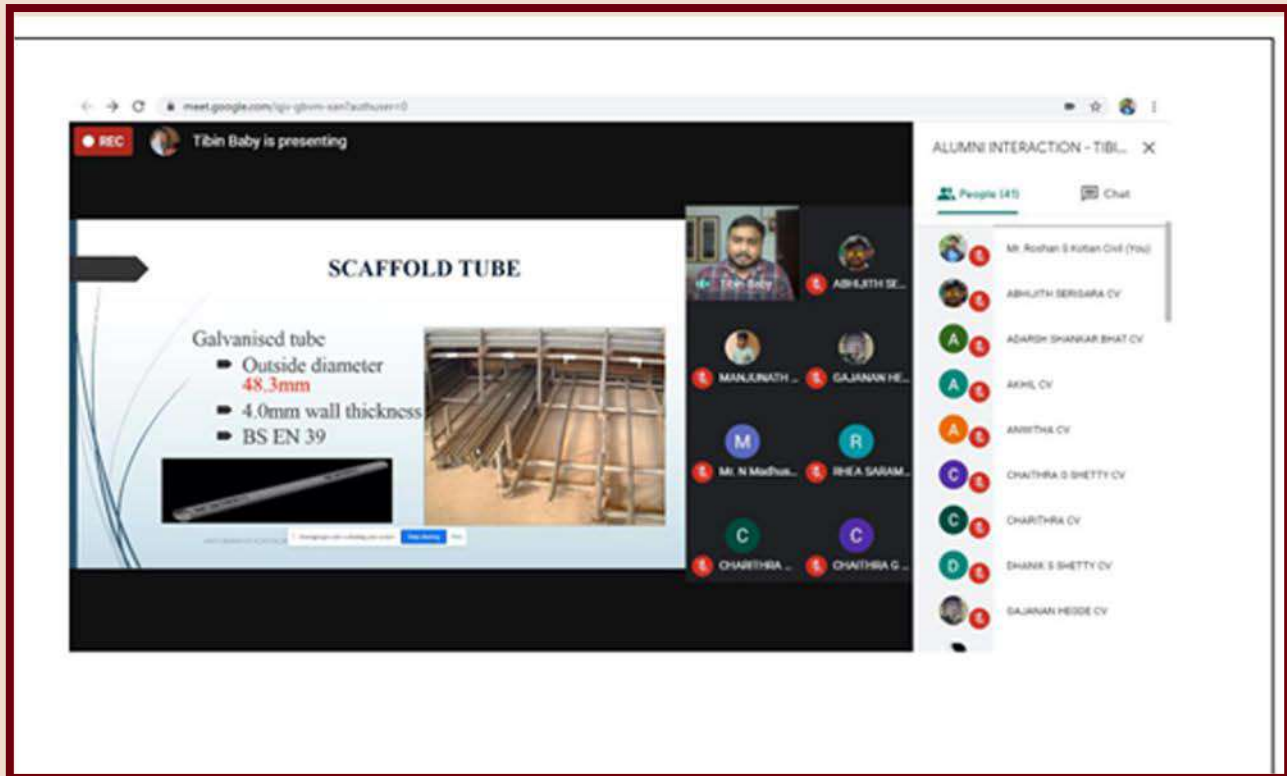


Detailed report on the activity

The Student Chapter of Indian Society for Technical Education(ISTE) in association with Civil Engineering department has organized a technical webinar on “**Risk Management: A non conventional civil engineering career choice**” by Ms. Krithi Shetty, Regional catastrophe modeller at AIG, Philadelphia(USA). Ms. Shetty has started the session by giving brief introduction on risk management and analysis involved in the various types of buildings. She has explained the behaviour of building under various natural hazardous scenario like wind load, seismic energy and vulnerability to fire. Later she gave inputs on opportunities for civil engineers in risk management and catastrophe modelling in the field of research. Availability of software, topics for mini project or major projects in the field of catastrophe modelling was discussed in question and answer session. Total more than 90 students have benefitted from the session.

Alumni Talk

06 August, 2020, 2.30pm to 3:30pm



Detailed report on the activity

The alumni interaction activity through Google meet by Mr. Tibin Baby (2013-2017 CVE Batch) was arranged by the Department of Civil Engineering in association with Alumni Cell and on 06th August, 2020 to final and Pre final year students of Civil Engineering Department. Mr. Tibin, Scaffolding Design Engineer, Project-Access Scaffolding & Formwork Co. WLL, began his webinar with his emotional connect with our college and his reality check on the field. He started his carrier as a site engineer at Cochin and later through his contacts went Manama, Bahrain for better prospects. Soon he began his second innings in Project-Access Scaffolding & Formwork Company as a scaffolding junior estimator. Later he was promoted as scaffolding design engineer and designed many scaffolding works for maintenance and construction notably, scaffolding work for wind turbine maintenance at Bahrain World Trade Centre, providing conventional formwork for various civil works in Al Dur-2 project and access towers for installing ducts and pipes for Alba line-6 power project. He informed students about scaffolding design using various software, job opportunities in gulf countries and many more. Later he added on how to seek jobs in gulf countries and how confident should be a candidate when it comes to campus interviews and walk in interviews. Mr. Madhusoodhan Rao welcomed the gathering, Rhea S Salins introduced speaker to the audience. Mr. Roshan S Kotian and Mr. Madhusoodhan Rao, Assistant professors and Department Alumni coordinators, Department of CVE, coordinated the event.