

# AAKAR

'Siddirbhavathi karmajaa'

News Letter

Vol : 8

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Year : 2022-23



**DEPARTMENT OF  
CIVIL ENGINEERING**



**SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT**  
Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi,  
Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India  
Website: [www.sode-edu.in](http://www.sode-edu.in)





## **His Holiness 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.

## ~Our Vision~

- To impart a quality holistic education and consultancy, in civil engineering with integrity, societal benefit, ethical standards and sustainable development.

## ~Our Mission~

- To provide a value added education to make the civil engineers to address the complex and multi- faceted Civil Engineering problems
- To improvise the industry and institute interaction by interdisciplinary research
- To provide the necessary holistic education to be a leader, planner, decision maker, structural designer, constructor and operator of the built environment



## FROM THE HOD'S DESK

Civil Engineering is the oldest Engineering Profession in the World. The American Society of Civil Engineers was founded in the year 1852. It 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 curriculum is not only a blend of theoretical and practical aspects of varied disciplines of civil engineering such as structural engineering, transportation engineering, geotechnical engineering, and water resources engineering, surveying, but also provides values based education, inculcating the qualities of a responsible engineer who can undertake any challenging project with right understanding towards holistic development of the society.

The booming population and increased demands of sustainable infrastructure in the form of high-end road and railway network, better water supply arrangements and concept buildings provides opportunities and new scope in the civil engineering path. This job is called "evergreen". Students enrolling for admission in civil engineering in 2022 can prepare and train themselves with the right skill set to be instantly employed in to high-end national and international projects.

## Programme Educational Objectives (PEOs)

The objectives of the Civil Engineering undergraduate program at SMVITM are to develop civil engineers with the following

5 years down the line after graduation, the graduates should have

- A strong foundation for becoming a technically competent human resource in the broad disciplines of Civil Engineering
- Excel in Civil Engineering profession to meet the challenges of construction industry
- Update and adopt modernization in Civil Engineering with lifelong learning
- Preserve the environment for the society by adopting sustainability in Civil engineering with professional ethics

## Programme Outcomes (POs)

Graduates of the Civil Engineering program are able to:

PO No	Graduate Attributes	At the end of the programme the student should be able to
1	Engineering Knowledge	Apply knowledge of mathematics, science, and engineering to solve the Civil engineering problems
2	Problem Analysis	Identify the problem, analyze, formulate and apply appropriate Civil engineering techniques to obtain the solutions
3	Design & Development of Solutions	Design Civil Engineering structures, components or processes by considering public health and safety, societal, sustainability and environmental issues
4	Conduct Investigations of Complex Problems	Conduct investigations of problems, search, identify and select relevant information from the literature to provide valid conclusions.
5	Usage of Modern Tools	Use modern tools for solving the engineering issues associated with social and professional context
6	Engineer & Society	Understand the role and responsibility of a Civil Engineer and apply the knowledge for the development of society
7	Environment & Sustainability	Apply the concepts of Civil engineering to minimize the environmental hazards by adopting sustainability in construction activities
8	Ethics	Understand and apply professional ethics for the issues relevant to the Civil engineering practices.
9	Individual & Team Work	Work as a member of a multidisciplinary project or research teams and have an understanding of leadership in teams and organizations.
10	Communication	Produce engineering reports, communicate the thoughts and ideas clearly and effectively.
11	Project Management & Finance	Demonstrate knowledge of the civil engineering project management principles and apply them to manage construction projects
12	Life-long Learning	Understand the need of engaging in life-long learning to update the knowledge in Civil Engineering field
PSO-1	Focus on developing and exposure to alternative/ advanced technologies	Understand, develop and implement state-of-art technologies related to civil engineering
PSO-2	Extension of knowledge and testing facilities for the society	Provide solutions to day-to-day civil engineering problems by extending the intellectual knowledge base and the testing facilities for the society

## Programs Conducted During 2022-23



### □ "Value Added Course- Revit MEP"

The Department of Civil engineering of Shri Madhwa Vadiraja Institute of Technology, Bantakal in association with Edu CADD Udupi, organized a "Value Added Course – Revit MEP" training in college premises on 06th February 2023 to 13th February 2023.

### □ Workshop on- "Building Planning & Marking"

Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with Alumni Cell & ISTE Student Chapter, organized a Work Shop on "Building Planning & Marking" for Final year Students of Civil Engineering Which held on 27th & 28th February 2023 in the Institute Premises. Resources Person for the workshop were Alumni of Civil Department from Second, Eighth and Ninth batch.



### □ "JENGA" Tournament

The Student Club of Civil Engineering Department, STHAPATI of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, organized a "JENGA" tournament at the institute premises on 20th March 2023. Mr. Sunil Haldankar, Sr. Asst Professor, Department of Civil Engineering and Mr. Madhusoodhana Rao N, Asst. Professor, Department of Civil Engineering, SMVITM, Bantakal coordinated the event.

## Programs Conducted During 2022-23

### □ “Lights Camera SMVITM” A Vedioographer’s Perspective...!

The Sthapati Club of Civil Engineering Department in association with Digital Publicity of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, organized a Videography Competition at the institute premises from 17th March 2023 to 02nd April 2023.



### □ “World Water day”

The Sthapati Club of Civil Engineering Department in association with ISTE faculty chapter of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, organized a technical talk on account of World water day at the institute premises on 10th April 2023. Dr. Anish Kumar Warriar, Associate Professor, Department of Civil Engineering, MIT, Manipal gave a talk on “The issue of Microplastic Pollution in the Aquatic Ecosystem of Coastal Karnataka”.

### □ “Industrial Visit”

The Department of Civil engineering of Shri Madhwa Vadiraja Institute of Technology, in association with Entrepreneurship development cell & STHAPATI organized a “Industrial Visit” to Kapu – Hotel Construction site and Udupi – Residential building construction site on 13th April 2023.



## Internship Details :

Sl. No	STUDENT NAME	COMPANY NAME
01	Arjun D Rai	Siddi Subramanya Stone Industries, karkala
02	Aayush Kumar	Ranchi Design & Consultancy Services Pvt. Ltd. Bihar.
03	Adarsh	M/s SS Alur Construction Co. Vijayapura
04	Adithya Krishna Bhat	M/s SS Alur Construction Co. Vijayapura
05	Akash B Acharya	New Mangalore Port Trust, Mangalore
06	Akhilesh	Simons and Associates, Udupi
07	Anwitha	New Mangalore Port Trust, Mangalore
08	Chaithra Ramannavar	Simons and Associates, Udupi
09	Chandan K R	Sarga Associates, Sagara
10	Prajwal	Simons and Associates, Udupi
11	Priyanka Dsouza	M/s SS Alur Construction Co. Vijayapura
12	Shravan Kumar	AFCONS Infrastructure Ltd. J & K
13	Shriharsha Kulakarni	PWD Yadagiri
14	Sinchana	New Mangalore Port Trust, Mangalore
15	Sonu Kumar Yadav	A.G Associates , Udupi
16	Varun	Simons and Associates, Udupi



## Internship Details :

Sl. No	STUDENT NAME	COMPANY NAME
17	Vinuth Cs	New Mangalore Port Trust, Mangalore
18	Vybhav S Kotian	New Mangalore Port Trust, Mangalore
19	Ayush H Shetty	Rangadhol Engineers, Shivamogga
20	Ranga Swamy	K C Constructions
21	Renuka Mallikarjuna Biradar	M/s SS Alur Construction Co. Vijayapura
22	Sandharsh R Acharya	Simons and Associates, Udupi

## KSCST Student Projects (2022-23) : Sponsored Projects

Sl. No	PROJECT TITLE	NAME OF THE GUIDE(S)	NAME OF STUDENTS
01	Spatial distribution of iron content in the aquifers using GIS interpolation and treatment using low cost filter media : A case study in Udupi taluk	Dr. Deepika B V	Mr. Adarsh Mr. Adithya Krishna Bhat Ms. Priyanka D'Souza
02	Construction of compound wall using Demolition waste	Mr. Roshan S Kotian	Mr. Shriharsha Kulkarni Ms. Renuka Mr. Akhilesh
03	Feasibility of cementless interlock blocks as a green pavement systems: Futuristic sustainable construction practices	Mr. Sunil S Haldankar	Mr. Sandarsh Acharya Mr. Chandan K R Ms. Chaithra Ramanvar
04	Evaluation of performance and energy saving potential of earth air tunnel system inside the building as sustainable alternative	Mr. N Madhusoodana Rao Mr. Roshan S Kotian	Mr. Sandarsh Acharya Mr. Chandan K R Ms. Chaithra Ramanvar

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**SMVITM**



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**Dr. Deepika B V**  
Associate Professor & Head,  
Department of Civil Engineering

### Programme Educational Objectives (PEOs)

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### Programme Conducted By ISTE & Sthapathi

#### • “Techno Week-2022”



The Department of Civil engineering, ISTE Student chapter of Shri Madhwa Vadiraja Institute of Technology, Bantakal in association with Association of consulting Civil Engineers Mangaluru Centre, organized a “TECHNO WEEK-2022” technical talk in college premises on 01st October 2022.

#### • “Manthana”



Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with Science and Technology Academy, Bangalore organized a symposium on Jasmine cultivation and effective harvesting under the Unnath Bharath Abhiyan Scheme on 28 October 2022.

#### • Technical Trip”



Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with ISTE student chapter organized a One day technical site visit to the Civil Engineering students. On the first visit students and faculty members visited Dakshina Kannada Nirmithi Kendra, Second site visit, Applied mechanics and Hydraulics lab of NITK Surathkal, & Third Visit was in Sristi ventures, Padubidri on 10<sup>th</sup> November 2022.

#### • “Value added Course”



Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with ISTE student chapter organized a value added course on 12<sup>th</sup> November 2022 to the Civil Engineering students. Speaking on this occasion Er. Amith Aravind Nayak, Partner Archana Projects Udupi gave a great insight into the importance of learning the multinational companies.

### Programme Conducted By ISTE & Sthapathi

#### • “Alumini Talk”



Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with ISTE student chapter organized a technical talk on 16<sup>th</sup> November 2022 to the Civil Engineering students. Speaking on this occasion our proud Alumni Er. Sandeep Nayak, Global Trade Compliance Specialist, Allyn Trade International inspired the students with his site experience, case studies in construction Technology & Management.

#### • Talk on “Cracks in concrete and its prevention”



Department of Civil Engineering in association with Sthapati student club, SMVITM, organized a talk on “Cracks in concrete and its prevention” for the civil engineering students on 8<sup>th</sup> December 2022 at 2:30pm in seminar hall admin block. The recourse person was Mr. Elan Thendral, Technical Head South Karnataka, ACC Limited. More than 40 students participated and benifited by the program.



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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.

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### PROGRAMS CONDUCTED IN EVEN SEM

#### • Webinar on “Effective Preparation Strategies For Gate-2022” - Dr. Shriram Marathe

The Student Chapter of Indian Society for Technical Education (ISTE) in association with Civil Engineering department has organized a webinar on “**Effective Preparation Strategies for Gate**” by **Dr. Shriram Marathe, Assistant Professor, Dept. of Civil Engineering NMAMIT, Nitte** on 04<sup>th</sup> February 2022. Dr. Shriram marathe has started the session with the importance of Gate in current scenario.

#### • Webinar on “VISTHARA -2022”

Civil Engineering Department of Shri Madhwa Vadiraja Institute of technology and management in association with Karnataka Government Polytechnic, Mangalore organized a webinar of Two Session to the Civil Engineering students. First Session was at 10:30 am on “**Building Plan Approval System**” by **Mr. Roshan S Kotian, Asst. Prof. Dept. of Civil Engineering SMVITM, Bantakal** and the Second Session was at 3:00 pm onwards on “**Waste Water Treatment for Residential Apartments**” by **Ms. Deepika B V, Asst. Prof.(Sr.), Dept. of Civil Engineering SMVITM, Bantakal** at 17<sup>th</sup> February 2022.

#### • World Water Day Celebration



Department of Civil Engineering in association with Eco Club of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, organized a program on “**Water Conservation and Management**” on 22<sup>th</sup> March 2022 in connection with World Water Day.

**Prof. Muraleedhara Upadhya, former Professor, Poornaprajna College, Udupi**, spoke about harnessing drinking water from the sea and different methods of rain water harvesting particularly suitable for coastal areas like vented dams, Kattas. Prof. Upadhya stressed that the dams which were constructed during post-independence period are in danger and also not fulfilling their demands now.

#### • “PRERANA”- 2022 - 07<sup>th</sup> April to 09<sup>th</sup> April



Seeking the divine blessing of Shri Shri Vishwa Vallabha Theertha Swamiji, the Three Days Faculty Development Program on “**Recent Advancement in Outcome Based Education and Civil Engineering Industry**” - “**PRERANA – 2022**” was inaugurated by **Dr. Raviraj H Mulangi, Assistant Professor, NITK Surathkal**. In inaugural function, Dr. Raviraj H Mulangi gave the Keynote address and Wished the Participants to get PRERANA from FDP by gaining advance knowledge regarding the current trends in Civil Engineering.



**Dr. Bindumadhav Aery, of Auerecon, Technical Director Geotechnical infrastructures, Australia** has paid a visit to Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal on 07 April 2022. As part of the visit he addressed the 3 Days Faculty Development Program (PRERANA-2022) organized by the Department of Civil Engineering in association with ISTE faculty Chapter.

### PROGRAMS CONDUCTED IN EVEN SEM

- Concious planet-Save soil awareness Program at SVH PU college Innanje, udupi

The Department of Civil engineering, Eco club of Shri Madhwa Vadiraja Institute of Technology, Bantakal and NSS unit of SVH PU college jointly organized a “Concious Planet-Save soil” movement awareness program at SVH PU college, Innanje in college premises on 13 th April 2022.

- Practical Skills are required to Perform Better Says Er.Nagesh Puttaswamy,



Er. Nagesh Puttaswamy, Zonal Head Ultrtech, White Topping & RMD had visited SMVITM campus, on addressed faculty and students emphasizing the importance of professional skills and entrepreneurial qualities. The final year students and third year students were the target audience. They were briefed on the various aspects of concrete. He insisted to get more exposure to such applications at laboratories other than theoretical classes.

Later Mr. Nagesh interacted with Principal, Vice principal and Head of the department of Civil Engineering and extended his support to conduct value added programs, to assist in international conference and research work at Civil Engineering with emphasis on special Concrete, Mix design etc.

- Talk on “Application of civil engineering softwares and Demonstration”

The Department of civil Engineering in association with the ISTE Student Chapter of SMVITM & Sthapathi Student Club was Organised a talk on “Application of Civil Engineering Softwares and Demonstration”, by Mr. Abhinav, Trainer, EduCADD, Udupi on 04<sup>th</sup> May 2022 for the students of Civil Engineering department.

- Alumni Talk - Mr. Naveen Hegde



The software demonstration - Online activity was conducted by Department of Civil Engineering Alumni cell on 22 April 2022 for the Pre final year students of Civil Engineering department. Mr Naveen Hegde (2017-2021 CVE Batch) was the resource person for the event. Mr. Naveen Hegde, Structural Engineer at FBA construction Bangalore, shared his opinion on the use of design software in the Industries. He demonstrated E-TAB software to make structural detailing and drawing of Residential Building.

- “Symposium on Jasmine Cultivation and effective harvesting”



Civil Engineering department of Shri Madhwa Vadiraja Institute of technology and management in association with Science and Technology Academy, Bangalore organized a symposium on Jasmine cultivation and effective harvesting in the memory of silver jubilee celebration of Vishveshwaraya Technological University under the Unnath Bharath Abhiyan Scheme on 10 May 2022. Program was inaugurated by Ms. Bhuvaneshwari, Assistant Director, Department of Agriculture, Udupi, and Secretary of Shri Sode Vadiraja Mutt Education Trust Shri Rathnakumar.

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- “Symposium on Jasmine Cultivation and effective harvesting”



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More than 75 farmers have participated in the open discussion, Principal Dr. Thirumaleshwara Bhat, Vice Principal Dr. Ganesh Aithal present in the program. Dr. Sandeep J Nayak, Head of the Departement gave the welcome address, Mr. Jayaram Nayak, Proposed the vote of thanks, Ms. Swathi compeered the program.



### STUDENT ACCOMPLISHMENT



Mr.CHANDAN K R

Mr. Chandan K R, the student of Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal (Civil Engineering) has won the first place in the "State level Yoga Championship – 2022" organized by Tapovana Medical College in association with Hospital of Naturopathy and Yogic Science, Davangere on 14 th & 15 th May 2022.

### FACULTY ACCOMPLISHMENT

#### RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS

Sl. No	NAME OF THE TEACHER(S)	DEPARTMENT	TITLE OF PAPER	PUBLICATION CITATION	JOURNAL TYPE
01	DR. SANDEEP J NAYAK	Civil Engineering	Augmentation of groundwater recharge through infiltration studies in Puttur of Dakshina Kannada District, karnataka	IRJET, Vol-8, Issue-05, May 2021	International
02	DR. SANDEEP J NAYAK	Civil Engineering	Comparative Studies of infiltration at Coastal Districts for better management practices	IFERP, Vol-8, Issue-11	International

**INTERNSHIPS :-**

Sl. No	STUDENT NAME	COMPANY NAME
01	Meghana	Nirmithi Kendra
02	Aishita M hegde	Sadanand Business Center
03	Ajith Patil C S	Nirmithi Kendra
04	Shoukath Ali K H	High tech construction
05	Rakshith	Nirmithi Kendra
06	Yuvaraj	A.G associate udupi
07	Mohamed Daniyal B G	Shrinidhi Constructions, Shivamogga
08	Abdul Azeem	A. G Associates
09	Bindu K P	Ekaraya Infrastructures & Constructions Pvt. Ltd, Chikamagalur
10	Harish Acharya	
11	Janvi V Nilekani	Konkan Railway Corporaion Ltd.
12	K Vivek Ballakuraya	Konkan Railway Corporaion Ltd.
13	Kripa Shetty H	Nirmithi Kendra
14	Mohammed Faizal Abubakar	Srusti Ventures
15	Mohammed Salman Hyder	A. G Associates
16	Omsree Susheelkumar Pai	Srusti Ventures
17	Prajwal	Kotwal Constructions Pvt Ltd.
18	Prasanna Naik	Nirmithi Kendra

**INTERNSHIPS :-**

Sl. No	STUDENT NAME	COMPANY NAME
19	Prathik Prabhu	Konkan Railway Corporaion Ltd.
20	Preetham Nayak K J	Konkan Railway Corporaion Ltd.
21	Rakshith	H.R Consultants
22	Rakshith N Naik	St. Antony Constructions
23	Sachin	Konkan Railway Corporaion Ltd.
24	Sharana	A.G associate udupi
25	Shreekanth M Acharya	Ace Technocrats
26	Siddarth R Pujari	BM Associates,Hubli
27	Sudarshan P G	Srusti Ventures
28	Sukesh P	Nirmithi Kendra
29	Vrandana K G	Nirmithi Kendra
30	Deepak	Nirmithi Kendra
31	Jnanesh Kumar	Nirmithi Kendra
32	Murli Susheel Mohan	Nirmithi Kendra
33	Ramesh G Kamath	Nirmithi Kendra
34	Ravi	Nirmithi Kendra
35	Vishwanath	Vision Developers, Koppal

### KSCST STUDENT PROJECTS (2021-2022)

Sl. No	PROJECT TITLE	NAME OF THE GUIDE(S)	NAME OF STUDENTS
01	KARMIK- A Tool to bridge client and Migrant Construction Labour amid Pandemic	Mr. Roshan S Kotian	Mr. Harish Acharya Mr. Omshri S Pai Mr. Abdul Azeem
02	Novel agriculture methods based on the prediction of climatic and soil condition of the udupi region	Dr. Sandeep j nayak	Mr. Prathik prabhu Mr. Siddharth r pujari Mr. Ramesh g kamath
03	A new approach to enhance the yield of jasmine crop - a case study in shankarpura, udupi district	Dr. Sandeep j nayak Mrs. Deepika bv	Mr. Murli susheel mohan Mr. Ajith patil c s Ms. Bindu k p Mr. Sukesh P
04	A treatment of sullage water using tamarind seed powder as coagulant using coagulant process application for better understanding of flow of code	Ms. Deepika b v	Mr. Shoukath ali k h Ms. Vrandana k g Ms. Kripa shetty h

### KSCST Best student Project of the year award, 2021-22

Final year Civil Engineering students of Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal have won the best project award for their 'Sensor based device for predicting moisture content of agricultural field and safe bearing capacity of soil' by Karnataka State Council for Science and Technology for the year 2020-21.

The project work was carried out by Naveen Hegde, Harshavardhan N, Sowrav K, Mohammad Noufal under the guidance of Prof. Sunil Haldankar and Dr. Sachin S Bhat. This sensor based system uses Artificial Intelligence to measure the self bearing capacity and moisture content of the soil. Existing penetration test conducted to measure the soil requires a heavy instrument to carry out the procedure. This new method reduces the overall weight of the hammer from 65 kgs to 20 kgs making it easier for the movement and minimises the labour work. Also the sensors mounted on the device uses AI technology to measure the bearing capacity and other characteristics of the soil on the spot avoiding manual testing in lab. HOD Dr. Sandeep Nayak, Principal Dr. Thirumaleshwar Bhat and Management congratulated the team for their splendid achievement.

# AAKAR

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



**Vol: 6 Issue:2 Year:2021**

## SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India

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Website: [www.sode-edu.in](http://www.sode-edu.in)



**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.

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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**

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- 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.

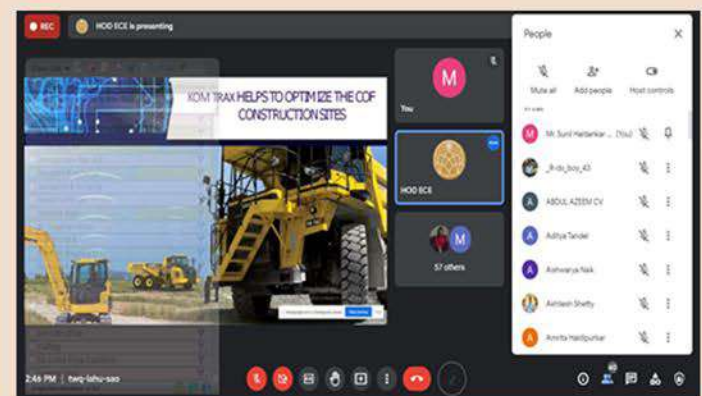
### “VISTAARA”- 2021, Value added course

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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Email: info@sode.edu.in | Website: www.sode.edu.in

**WINNERS**

SMVITM TALENT HUNT 2021

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

 <b>K PRATHVI RAO</b> (WINNER OF CATEGORY 1)	 <b>GAURAV ACHARYA</b> (WINNER OF CATEGORY 2)	 <b>RASHMI</b> (WINNER OF CATEGORY 3)
 <b>ASHWINI</b> (WINNER OF CATEGORY 1)	 <b>PRASANNA G SHET</b> (WINNER OF CATEGORY 2)	 <b>PRASHA</b> (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.

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### ACTIVITIES CONDUCTED

#### GATE 2021 training cum mock test program "SWADHYAYA"



The Student Chapter of Indian Society for Technical Education (ISTE) in association with STHAPATHI student club of Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal had organized, GATE 2021 training cum mock test program titled as "SWADHYAYA" from 06 to 11 Jan 2021 at the college premises.

Inaugural ceremony of the event was held on 06th Jan and Ms. Pallavi M, PG Scholar, NITK, Surathkal was the keynote speaker to address the students regarding the preparation and exam pattern of GATE 2021. She also shared her experience while preparing for the exam and motivated the students. In the afternoon session, a pre-training mock test and the subjects were taught by the faculty members of the Civil Engineering Department of SMVITM, Bantakal. On 11th Jan 2021, the valedictory function was held followed by a post training mock test to evaluate the students performance after the training. Dr. Sriram Marathe, Assistant Professor, NMAMIT, Nitte was the resource person and the guest of honour for the event. In his address, he spoke about the advantages of cracking the GATE exam and the opportunities in various sectors under GATE score. He also motivated the students to take up the exam with utmost priority and dedication. Dr. Marathe handed over the GATE 2021 book to Ms. Riya, from final year student of Civil Engineering Department for scoring the highest points in the mock test.

The program was coordinated by Mr. Sooraj Kumar, ISTE Coordinator, & Mr. Madhusoodhan Rao, STHAPATHI student club coordinator, and the program was moderated by Ms. Chaithra Shetty, final year student of Civil Engineering Department. Ms. Shreya Udupa sang the invocation

### CERTIFICATION PROGRAM ON REVIT AND 3DS MAX SOFTWARE



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of SMVITM, Bantakal in association with EduCADD, Udupi organized a certification program on REVIT and 3DS MAX software at the institute premises for the final year students of Civil Engineering Department from 13th April 2019 to 15th January 2021. .Mr. Abhinav, Trainer, EduCADD, Udupi was the resource person for this technical talk. Students became experts in two softwares Revit architecture and 3ds MAX and a total 26 students received certificates from EduCADD after completing projects.

### Talk on “Are Human's modern activities a cause of water Scarcity?”

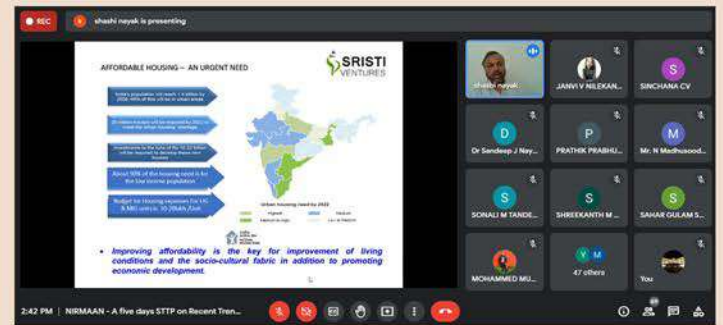
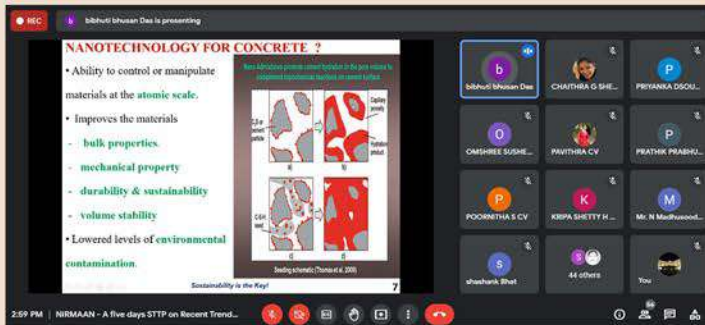


Eco Club in association with Sthapathi, the student club of the Department of Civil Engineering of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, organized a talk on “Are Human's modern activities a cause of water Scarcity” in connection with World Water Day on 22 March 2021.

Mr. Joseph G M Rebello, District resource person for water conservation, Udupi, spoke about the current issues with water that the entire world is facing and the methods adopted by some countries in conserving water for the future. He also gave examples about certain villages in India where they had made a change in the entire system to conserve water in drought affected areas. He also pointed out the various human activities which eventually led to the scarcity of water.

Principal Prof. Dr. Thirumaleshwara Bhat spoke about the significance of World Water Day celebration, its theme and the role of youth in the conservation of water. Ms. Raviprabha K, Eco club coordinator; Vice-Principal, Deans, HOD's, faculty members and students were present during the session. Ms. Chaithra Gopal Shetty of final year Civil Engineering compered the program.

### Online Short Term Training Program on Recent Trends in Construction Practice



The Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi in association with ISTE chapter had organized a five day Online Short Term Training Program on Recent Trends in Construction Practice from 28th June 2021 to 02nd July 2021. The Short Term Training Program was organized for the benefit of faculty members and research scholars from various institutions.

Dr. Raghavendra Holla, MIT, Manipal inaugurated the program and addressed the participants on Artificial Intelligence and Building Information modeling in Civil Engineering practice and motivated the students to diversify their skills in advancement. Mr. Shashi G Nayak Dubai, Director & Architect from Shristi Ventures Padubidri gave deep insights on innovative wall construction technology, which is time efficient, economical and also less impactful on the environment. Dr. B B Das, Associate Professor, NITK Surathkal explained the advancement in research area and explained the hydration and microstructure properties of Nanosilica and mixed sustainable cementitious mortar. Recycling of construction and demolition waste and its application in various fields in construction was elaborated meticulously by Mr. Rajendra Kalabhavi, Executive Director, Dakshina Kannada Nirmithi Kendra, Surathkal. On the last day of training, Mr. Viviek Mayya, Co-partner of Samruddhi Associates Mangalore demonstrated the Low cost house construction by brick join technology and other innovative ideas were discussed during his presentation. More than 100 faculty members and research scholars participated in this event.

Dr. Thirumaleshwara Bhat, Principal, Dr. Sandeep J Nayak , HoD were present on the occasion. Mr. Vignesh Shenoy and Mr. Sooraj Kumar coordinated the program, and students of the Civil Engineering Department compered the program.



### KSCST Approved Projects 2020-21

Sl. No.	Name of the Project	Name of the Guide
1.	Salt water intrusion -A case study in water quality aspects	Ms. Deepika BV / Dr. Sandeep J N
2.	Sensor based device to determine SBC of soil	Mr. Sunil Haldankar
3.	Maintenance strategies for rural roads of PMGSY in Udupi district : Problems and solutions	Mr.Sunil Haldankar
4.	Digital water purification systems using wireless sensor network	Mr. N Madhoosudhan Rao
5.	Production and performance study on eco friendly green building materials in the construction practice	Mr. Vighnesh Shenoy B
6.	Hydroponic technology as irrigation system and decentralized system of waste water and its reuse in rural agriculture	Mr. Deviprakash

### Students Achievement



Mr. Deepak Devadiga student of Civil Engineering has represented “Mangalore Zone” in the Inter Moffusil Tournament 2020-21 matches conducted by Karnataka State Cricket Association, which was held in Bangalore from 4th to 9th January 2021.



Ms. Pavithra student of Civil Engineering has qualified “GATE - 2021” with a SCORE -325 ALL INDIA RANK IN THIS PAPER 18629

### Journals & Publication

• Dr. Sandeep J Nayak - Augmentation of Groundwater Recharge through Infiltration Studies in Puttur of Dakshina Kannada District, Karnataka. IRJET Volume 08, 2021.

### Workshops/FDPs attended

1. Dr. Sandeep J Nayak has participated AICTE Sponsored 6 days short term training program on “Professional Communication” on 7-06-2021 to 12-06-2021.

2. Dr. Sandeep J Nayak has participated 6 days AICTE sponsored STTP on “Innovative Approachers in Teaching Pedagogy” 14th – 19th June 2021 at SCEM, Mangalore.

3. Dr. Sandeep J Nayak has participated-5. days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28th June to 2nd July 2021 at SMVITM, Bantakal.

4. Ms. Deepika B V has participated 6 days AICTE sponsored STTP on “Innovative Approachers in Teaching Pedagogy” 14th – 19th June 2021 at SCEM, Mangalore.

5. Ms. Deepika B V has participated 5 days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28th June to 2nd July 2021 at SMVITM, Bantakal

6. Mr. Sunil S Haldankar has participated 5 Days FDP current PRACTICES IN TRANSPORTATION ENGINEERING at AJIET , Mangalore From 15 to 19 June 2021.

7. Mr. Sunil S Haldankar has participated 6 days AICTE sponsored STTP on “Innovative Approaches in Teaching Pedagogy” 14th – 19th June 2021 at SCEM, Mangalore.

8. Mr. Sunil S Haldankar has participated 5 days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28th June to 2nd July 2021 at SMVITM, Bantakal.

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10. Mr. Vignesh Shenoy B has participated 6 days AICTE sponsored STTP on “Innovative Approaches in Teaching Pedagogy” 14th – 19th June 2021at SCEM, Mangalore.

11. Mr. N Madhusoodhana Rao has participated ASCE – ISSR: Web E talk on 19 June 2021.

12. Mr. N Madhusoodhana Rao has participated 5 days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28thjune to 2nd July 2021 at SMVITM, Bantakal.

13. Mr. Roshan S Kotian has participated 5 days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28thjune to 2nd July 2021 at SMVITM, Bantakal.

14. Mr. Sooraj Kumar has participated 5 days STTP on “Recent Trends in Construction Practice” titled as “Nlrmaan” 28thjune to 2nd July 2021 at SMVITM, Bantakal.

15. Ms. Swathi has participated 6 days national online FDP Manan Prabodhanam, Empowering teaching professional a wellness initiative organized by IQAC & Despoiling Amritha Vishwa Vidyapeeth Mysuru campus from 14th to 19th Jun 2021



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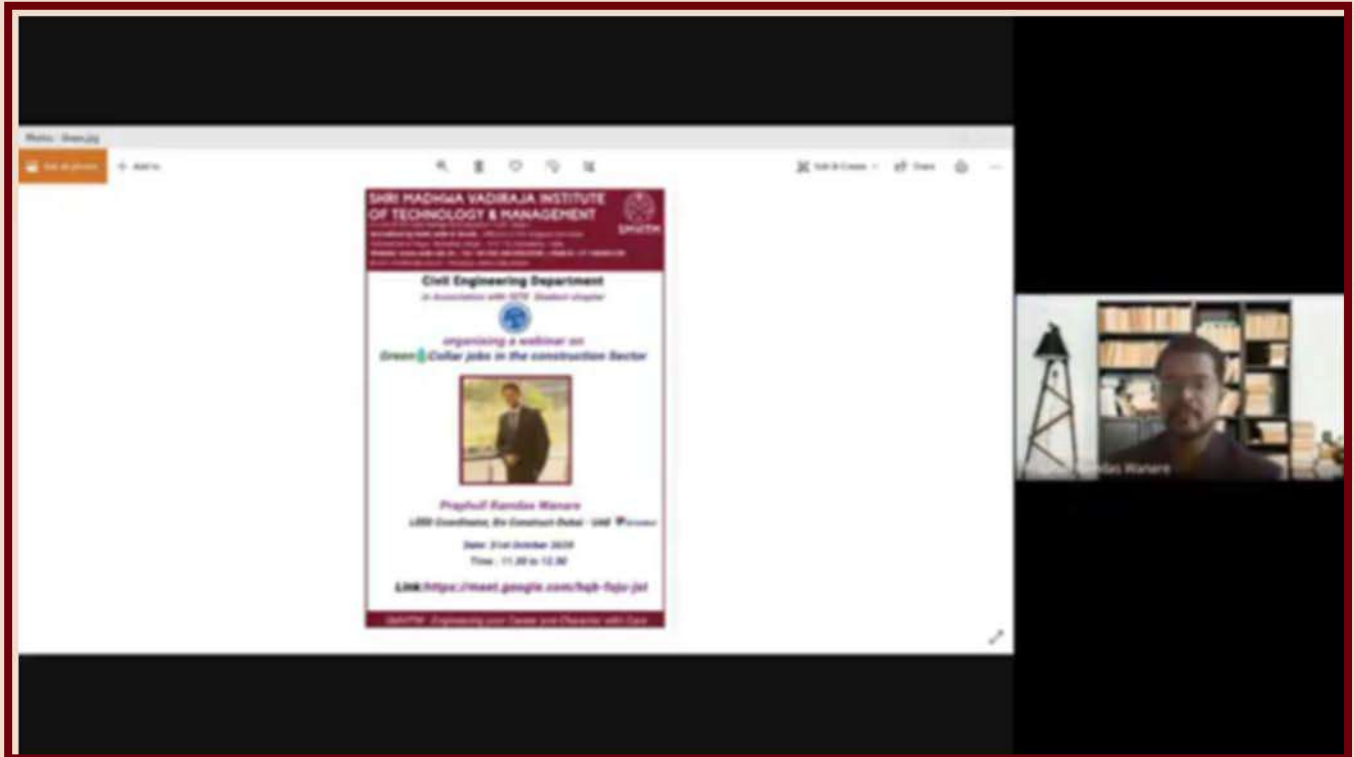
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- To create awareness about innovation and ideation amongst students to promote entrepreneurship.
- To provide a platform for effective interactions and networking amongst all stake-holders so as to achieve excellence in education, research and outreach activities.

### Webinar on “Green Collar jobs in construction sector”

**31st October 2020**

**Mr. Praphulla Ramdas Wanare**



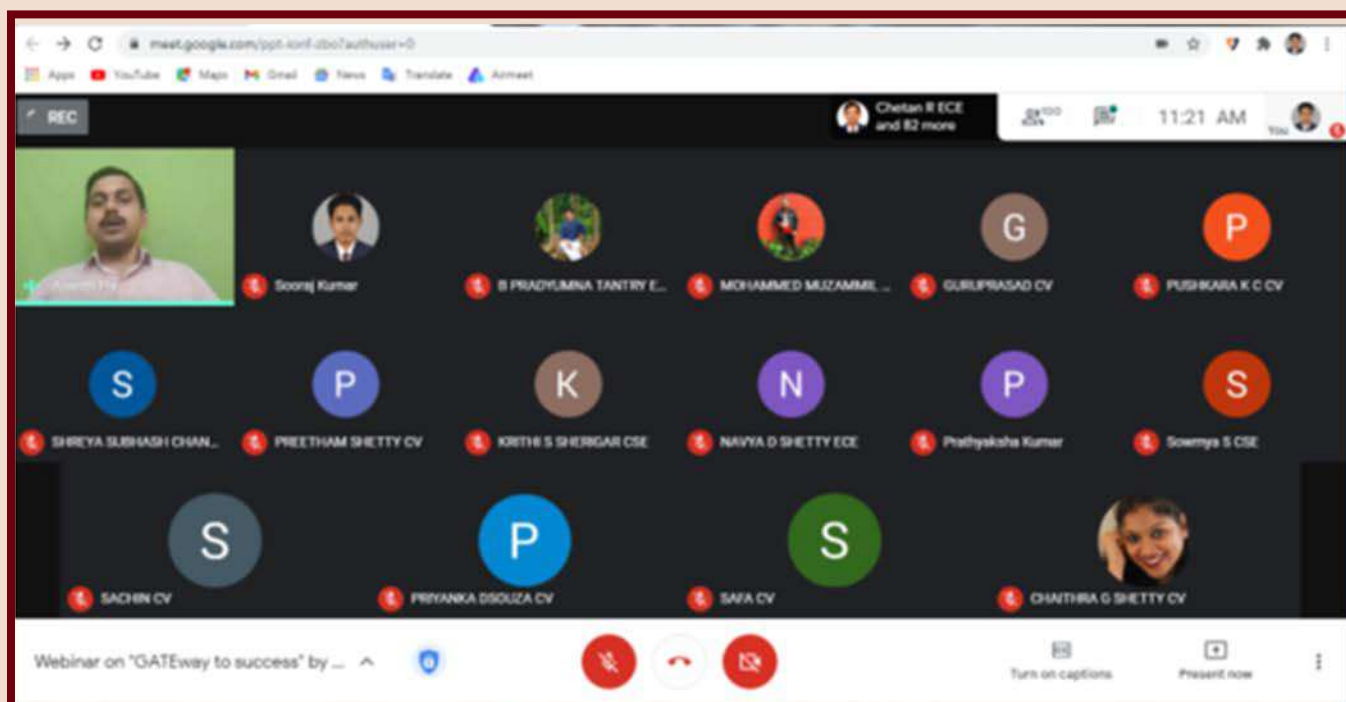
#### **Detailed report on the activity**

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

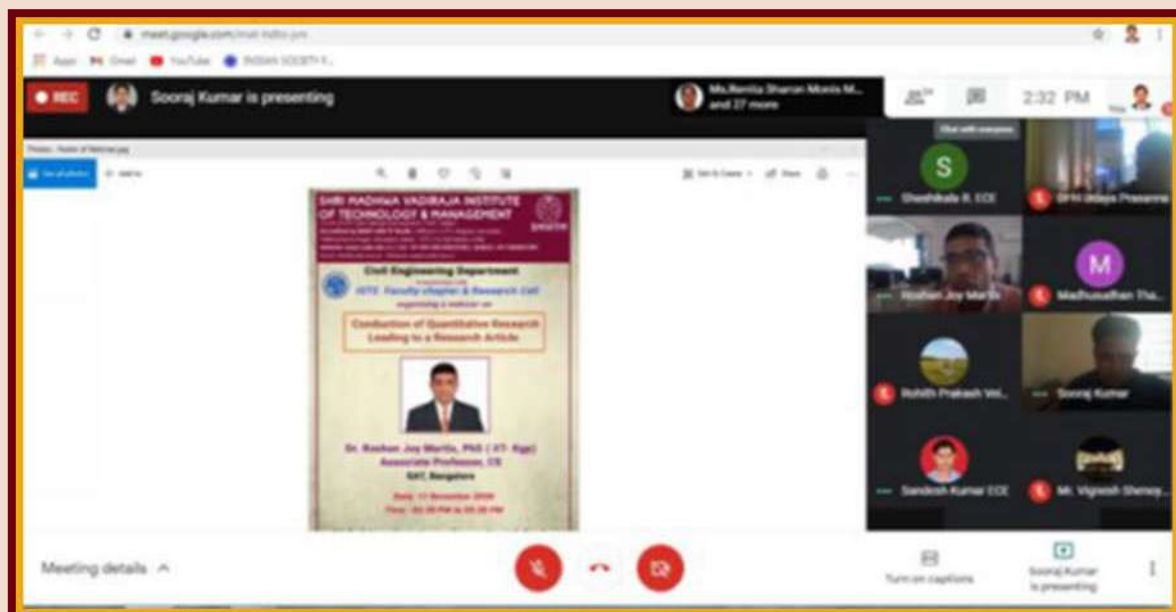


#### Detailed report on the activity

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**



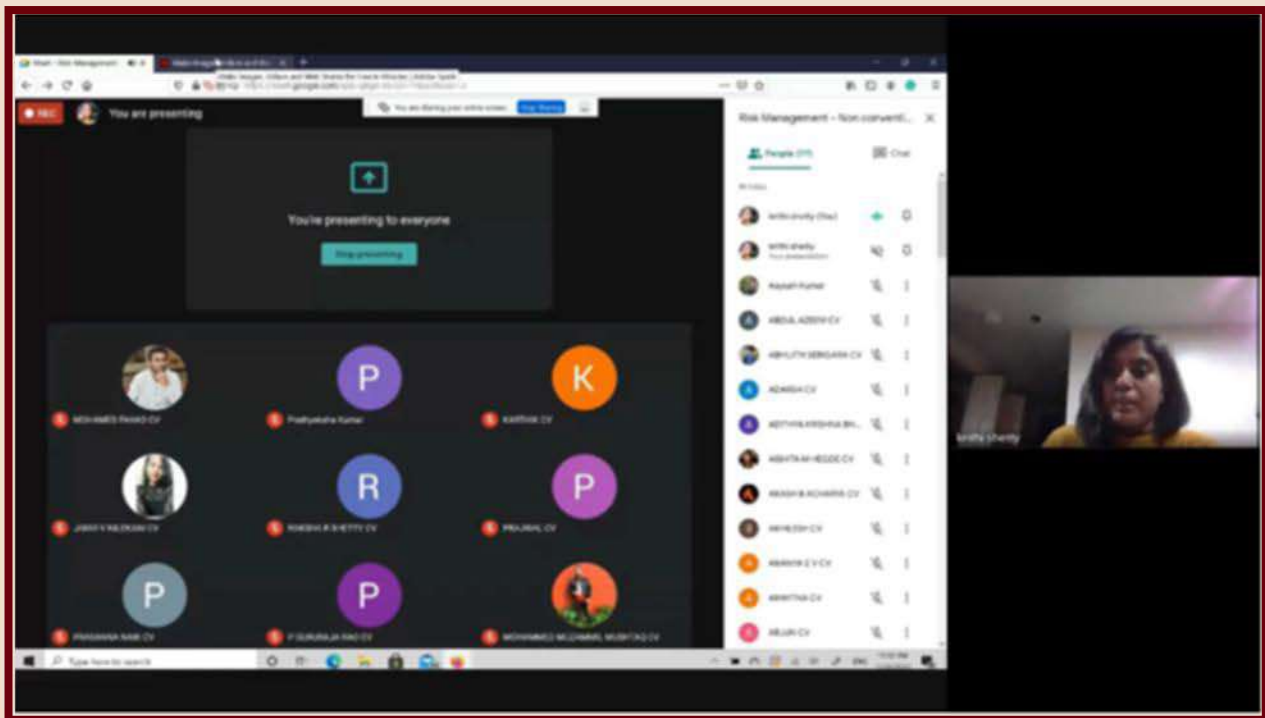
### Detailed report on the activity

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



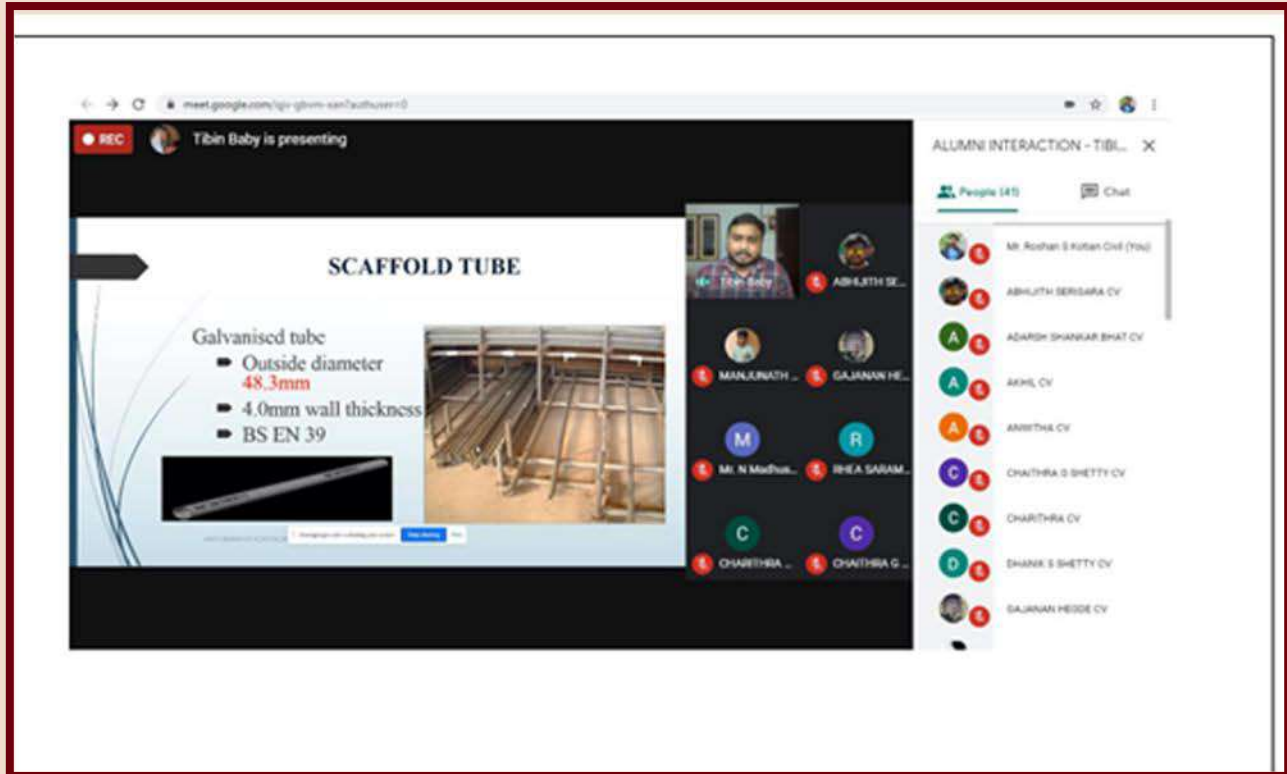
### Detailed report on the activity

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.

# AAKAR

Siddirbhavathi Karmajaa

News Letter

Volume 5 - Issue 1 2019-20

Department of Civil Engineering

Shri Madwa Vadiraja Institute of Technology and Management  
Vishwothamma Nagar, Bantakial - 574115, Udupi District, Karnataka





## His Holiness Sri Vishwavallabha Theertha Swamiji

### About SMVITM

Shri Madwa Vadiraja Institute of Technology and Management ( SMVITM ) Bantakal, Udupi: the brain in child of His Holiness Sri Vishwavallabha Theertha Swamiji of Sri Sode Vadiraja Mutt, Udupi just nine years old, has emerged as a promising engineering institution in the region of coastal Karnataka, today! Shri Swamiji established this institute with the sublime objective of providing quality higher education to the needy student community at affordable cost. Despite the campus being conveniently located in the remote rural area, at 12 km away from Udupi city. SMVITM ensures that the students are well trained on existing engineering practices and acquainted with latest industrial trends .

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FACULTY COORDINATES  
Dr. Anand V.R.  
Ms Deepika B. V.



## FROM THE HODS DESK

The Civil Engineering Department at SMVITM in a short period has witnessed a rapid growth and diversification, which is really strengthening our influence within the student and engineering community. Clearly, few other institutes have such depth and breadth of infrastructure and facilities as at SMVITM. One priority will be to capitalize on these strengths by enhancing our academic research and outreach programs & by making our combined strengths known such by enhancing our qualifications and departmental publications, let us also take utmost care in serving the society by extending the expertise and facilities in our institute, and more specially in our Department, so that we also take part in national building.

I Congratulate the efforts of the faculty members & students of Civil Engineering Department for their untiring efforts in bringing out this first ever Department Magazine "Aakar"

The Department of Civil Engineering at SMVITM is an extraordinary department with excellence students, faculty, and staff. I look forward to working with our Management, Governing Council Advisory Board, Principal, members of the SMVITM Family, and our alumni to continue to Improve research, teaching, and outreach programs over the next several years. This newsletter highlights few of these activities.

**Dr. Anand.V.R.**

Associate Professor & Head Department of Civil Engineering  
Shri Madhwa Vadiraja Institute of Technology & Management

## Programs conducted by ISTE



Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of SMVITM, Bantakal in association with the student club “STHAPATHI” of civil engineering department organized a technical competition titled as Bridge it”; A bridge making competition for all branch students of SMVITM, Bantakal on 18<sup>th</sup> September at college premises. Large numbers of students registered for the competition and 2019 after the prelims round 22 teams were selected out of 80 teams from all the branches. Constructed bridges were taken to civil lab for the stability test and winner was declared with the bridge having the greater capacity to carry the weight for longer duration. First place was won by Deepak and team from third year students of computer science department and second place was secured by Nikith and team from third year students of civil engineering department.



The Student Chapter of Indian Society for Technical Education (ISTE) under civil department in association with Association of Consulting Civil Engineers (I), Mangalore center and RAMCO Pvt. Ltd had organized a technical event titled as “Technoweeek-2019”. The program was held on 25<sup>th</sup> September 2019 at the institute premises. Dr. Suresh S N, Associate professor from NITK, Surathkal addressed the gathering regarding “Code of ethics to practice civil engineering”. Speaker initiated the lecture by explaining the morals, values and ethics in day to day practice. The second resource person for the day Mr. Girish M, Senior Assistant Professor, MIT, Manipal. He delivered his vast knowledge on “Non destructive evaluation of building”. He has explained the working of different types of non destructive devices and its practice in the construction field. The session was purely technical regarding the evaluation of structural stability and its quality by using various types of non destructive equipments. Total 110 students have benefitted from this session.

## Programs conducted by ISTE



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of SMVITM, Bantakal organized an informative session on “Usage of Virtual lab” for the 2nd year students of SMVITM, Bantakal on 20th September 2019 at college premises by Ms. Swathi Shetty, Ms. Aishwarya Shetty and Ms. Aishwarya Hegde, all are working as research fellow at Centre for system design, NITK Surathkal. Virtual lab provides remote-access platforms to labs of various disciplines to help the students to learn basic and advanced concepts through remote experimentation. Various experiments related to Strength of materials, Environmental engineering laboratory and Geology were discussed. Total 28 students were benefited from the program.



ISTE Student Chapter of Shri Madhwa Vadiraja Institute of Technology and Management in association with FE Designs, Bengaluru has conducted a one day Workshop on “Analysis of Structures through CypeCAD software” on 19 October 2019. Amarnath S. N, Structural Consultant and Proprietor, FE Designs 2019, Bengaluru was the resource person for the workshop. Session has started with the detailed information about the software & its vast applications in civil engineering sector. Design of structural elements and its analysis by using Cype CAD software was practiced and hands on training was given to the third year students of civil engineering department. Total 40 no's of students from third year civil engineering department have benefited from the session and received a certificate from the CypeCAD distributor.

## Industrial trip conducted by ED Cell



The EDC cell had organized an industrial visit to Chaamundeshwari Stone crusher unit at Hampankatta P halli & Stone cutting unit at Karkala on 17th September 2019. The trip was organized for second year students of Civil engineering department.



Department of Civil Engineering in association with Entrepreneur Development cell had organized an industrial visit to New Mangalore Port Trust, Mangalore and Thumbe Vented dam, Valavoor, Thumbe on 04th October 2019. The trip was organized for third year students of Civil Engineering department.



The EDC cell had organized an industrial visit to harbor at Malpe and R M C unit at Manipal on 23rd October 2019. The trip was organized for fourth year students of Civil engineering department.

## Talk conducted by Alumni Cell



Alumni interaction activity by Salman Ameer Assadi was organized on 13th November 2019. The speaker is an Assistant Design Engineer at SPECPTUM ECHNO CONSULTANT PVT. LTD. He highlighted the importance of basics in civil engineering such as strength of materials and material properties, required to a Civil Engineer in an Industry.



The alumni interaction activity by Mr Sanjay J (2014 - 2018 CVE Batch) was arranged Alumni Cell and ISTE Student chapter on 11th October, 2019 to final year students of Civil Engineering Department.

Mr. Sanjay, Project coordinator, PERI India Pvt. Ltd. begun with his emotional attachment with the campus and his reality check on the field. He guided students about construction industry in India, Qualifications of a good civil engineer, Campus placements, and availability of jobs in construction industry, Exam preparation tips and how to face exams easily.



# Programs under STAPATHI



The Student Club of Civil Engineering Department, STHAPATI of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, organized an JENGA tournament at the institute premises on 12 October 2019. Prashanth, president of Sthapati, Student of Civil Engineering Department, Bantakal and his team welcome the participants and rules were explained before the start of the event. Five sessions were conducted and 36 teams attended the event with each carrying two members in a team. Twelve students of civil departments volunteered in the event.



"Sthapati", the Student Club of the Department of Civil Engineering Organized a talk on "Career guidance and Legal challenges in Civil Engineering" for the students of Civil Engineering branch of our college on 08 Nov 2019, from 3pm to 4.30 pm.

## Faculty achievements

Dr. Anand V R, HOD of Civil Engineering department was awarded PhD by VTU, Belagavi.

Dr. Sujay Raghavendra Associate Professor of Civil Engineering Department was awarded PhD by NITK Surathkal.

Dr. Jaykesh, Associate Professor of Civil Engineering Department was awarded PhD by NITK Surathkal.

Mr. Deviprakash from Civil Engineering department was awarded with Elite certificate (Silver) for successfully completing the 12 weeks of NPTEL course on DRCC.

Mr. Madhusoodan N Rao from Civil Engineering department was awarded with Elite certificate ( Silver) for successfully completing the 12 weeks of NPTEL course on DRCC.

Mr. Vignesh Shenoy from Civil Engineering department was awarded with Elite certificate (Silver) for successfully completing the 8 weeks of NPTEL course on Project planning and control.

## Students achievements

Mr. Adarsh Shankar Bhat of 7Th semester Civil Engineering department was selected to Infosys in campus recruitment held in Syhadri college of Engineering Mangalore.

## Papers and publication

Dr. Sujay Raghavendra has published a paper on “Enhancing streamflow forecasting using the augmenting ensemble procedure coupled machine learning models: Case study of Aswan High Dam. HydrologicalSciencesJournal, 64(13),16291646.  
<https://doi.org/10.1080/02626667.2019.1661417>



प्रज्ञा प्रतिष्ठा

# कार

*Siddirbhavathi Karmajaa*



DEPARTMENT OF CIVIL ENGINEERING

## NEWS LETTER

VOLUME 4: ISSUE 2, 2018-19

**SHRI MADWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
VISHWOTHAMA NAGAR, BANTAKA L-574115, UDUPI DISTRICT, KARNATAKA



*His Holiness Shri Vishwallabha Theertha Swamiji*

## About SMVITM

Shri Madwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, Udupi :the brain in child of His Holiness Shri Vishwvallabha Theertha Swamiji of Shri Sode Vadiraja mutt, udupi, just 9 years old, has emerged as a promising engineering institution in the region of coastal Karnataka, today! Shri Swamiji established this institute with the sublime objective of providing quality higher education to the needy student community at affordable cost. Despite the campus being conveniently located in the remote rural area, at 12 Km away from Udupi city, SMVITM ensures that the students are well trained on existing engineering practices and acquainted with latest industrial trends.

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3. Programs conducted by Community and Eco club
4. Faculty achievements
5. Students achievements
6. Placed students in Agrima roofs and facade, Bangalore

#### Faculty Coordinator

1. Mr. Anand V R
2. Mr. Sooraj Kumar

#### Student Coordinator

1. Mr. Vishwas Suryavamsha



## FROM THE HODs DESK

The Civil Engineering Department at SMVITM in a short period has witnessed a rapid growth and diversification, which is really strengthening our influence within the student and engineering community. Clearly, few other institutes have such depth and breadth of infrastructure and facilities as at SMVITM. One priority will be to capitalize on these strengths by enhancing our academic, research and outreach programs and by making our combined strengths known such as by enhancing our qualifications and departmental publications, let us also take utmost care in serving the society by extending the expertise and facilities in our institute, and more specially in our Department, so that we also take part in nation building.

I congratulate the efforts of the faculty members and the students of Civil Engineering Department for their untiring efforts in bringing out this first ever Department Magazine "Aakar". The Department of Civil Engineering at SMVITM is an extraordinary department with excellent students, faculty, and staff. I look forward to working with our Management, Governing Council, Advisory Board, Principal, members of the SMVITM Family, and our alumni to continue to improve research, teaching, and outreach programs over the next several years. This newsletter highlights few of these activities.

**Mr. Anand V R**  
**Associate Professor**

*Department of Civil Engineering*  
*Shri Madhwa Vadiraja Institute of Technology & Management*



# PROGRAMS BY ISTE



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in association with F E Design, Bangalore organised a software demonstration on “Cype CADD Software” at the institute premises on 27th March 2019.

The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in association with EduCADD, Udupi organised a software demonstration on “Building Information Modeling through Revit Architecture and 3D-Studio Max” at the institute premises on 15th February 2019.



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in association with F E Designs, Bangalore has organised a Certification program on Cype CADD Software at the institute premises from 27th March 2019 to 31st March 2019.

# PROGRAMS BY ISTE



The Student Chapter of Indian Society for Technical Education (ISTE) in association with Simply Supported Pvt. Ltd Mangalore organized site visit to Northern Sky – Palm Streak Mangalore for final year students of civil engineering department on 13th April 2019.

The ISTE Student Chapter of SMVITM in association with EDC cell had organized an industrial visit to Mangalore Chemical and fertilizers Limited (MCF), Mangalore on 9th May 2019. The trip was organized for third year students of Civil engineering department.





A Technical talk was held for the students of department of civil Engineering on the occasion of Engineers week-2019 by the Association of consulting civil Engineers, Mangalore centre on 21 March 2019. Engineer ArunPrabha, SudhirShetty and Carnet D'Souza were the guest for the talk.



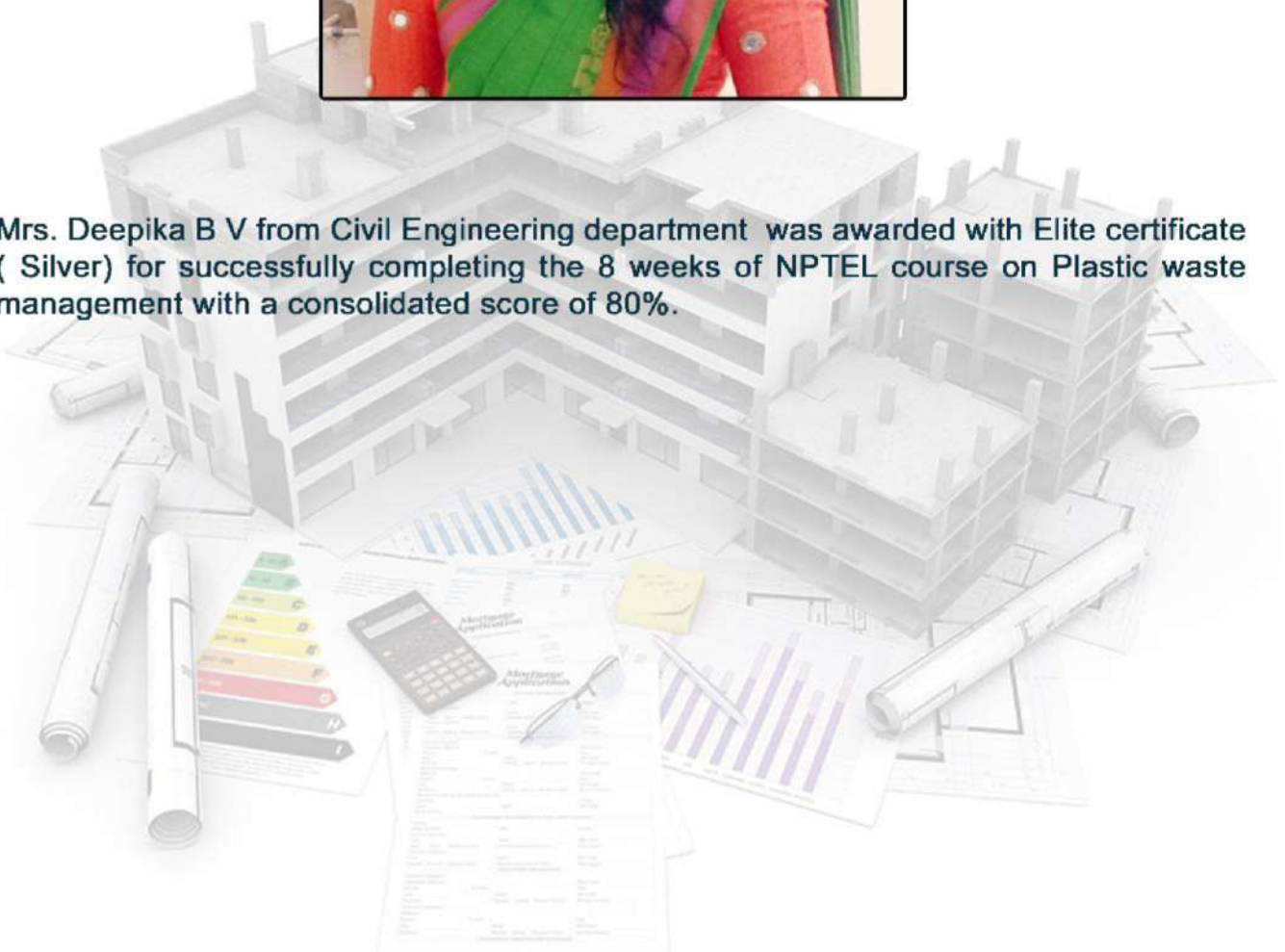
Eco Club and Community Club of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Karnataka State Pollution Control Board(KSPCB),in connection with World Water Day organized a talk on "Role of Surface Water on Biodiversity" on 22March 2019.



## FACULTY ACHIEVEMENTS



Mrs. Deepika B V from Civil Engineering department was awarded with Elite certificate ( Silver) for successfully completing the 8 weeks of NPTEL course on Plastic waste management with a consolidated score of 80%.



## STUDENT ACHIEVEMENTS



Mr. Avinash S Shetty, the Civil Engineering (2014-18 batch) student of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal was awarded Gold medal by Visvesvaraya Technological University, Belagavi for scoring highest marks in Civil Engineering among wards of Government/Aided Primary school teacher. He has received a certificate and gold medal instituted by Er. S M Panchagatti.



Pre final students of civil engineering department have won the best project in the Technical Project Ideation competition at the institute premises on 4th May 2019 for the project titled as "Filtration unit for water lines". Project was completed by Harshith C R, Jeevan Poojary, Sathish Kumar, Vasudeva, Manoj Bhargava under the guidance of Madhusoodhan Rao, Assistant professor, Civil Engineering department.



## STUDENT ACHIEVEMENTS



A team of final year civil engineering students, Ms. Jayapradha Bekal, Mr. Amar Manipal, Mr. PrajotTulasidas Achari, and Ms. Pavithra, under the guidance of Assistant Professor Sunil Haldankar worked on a project which compares the mechanical properties of hemp as an innovative construction material and this project has secured **“Project of the year award for 2018-19”** In this innovative project, comparison on the basis of strength among hemp-lime blocks, hemp-lime-cement blocks and hemp-cement blocks are carried out. Hempcrete has carbon negative property, good thermal insulation which keeps the room cool in summer and warm in winter. It can be used for cavity wall construction as it is a very light material. In conventional hempcrete only hemp and lime is used and by adding a pozzolanous material like cement the strength has been enhanced.



# CONGRATULATIONS...!



## PLACED STUDENTS IN AGRIMA ROOF & FAÇADE, BANGALORE



AMAR MANIPAL



ANVITHA



NIKITHA POOJARY



JAYAPRADHA BEKAL



KOTRESHA A S



DION AROZA



MANALI C R



PRADEEP P



RANJANI CHAVAN



RAMYA J SOANS



SATHWIK S C



SNEHA PRAKASH NAYAK



SNEHA SHETTY C C



SUMANTHA S G



VIGNESH



VIJAYAKUMAR SANGATI



ANEESH BHAT



APARNA PATKAR



SMVITM: WHERE VALUES AND TECHNOLOGY CONVERGE

Department of civil Engineering  
**SHRI MADWA VADIRAJA**  
**INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
(A Unit of Shri Sode Vadiraja Mutt Education Trust, Udupi )  
Viishwothama Nagar, Bantakal-574115, Udupi District, Karnataka. India





प्रज्ञा प्रतिष्ठा



*Siddirbhavathi Karmajaa*



DEPARTMENT OF CIVIL ENGINEERING

**NEWS LETTER**

Volume 4 - Issue 1, 2018-19

**SHRI MADWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  
VISHWOTHAMA NAGAR, BANTAKA L-574115, UDUPI DISTRICT, KARNATAKA



*His Holiness Shri Vishwallabha Theertha Swamiji*

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2. Programs conducted by ISTE
3. Programs conducted by Community and Eco club
4. A Faculty development program on "Water Resources, Geo-Environmental Challenges and its Application".
5. Students achievements
6. List of Memorandum of Understanding signed by Civil Engineering department SMVITM, Bantakal-2018

### FACULTY COORDINATES

1. Mr. Anand V.R
2. Mr. Soorajkumar

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The Civil Engineering Department at SMVITM in a short period has witnessed a rapid growth and diversification, which is really strengthening our influence within the student and engineering community. Clearly, few other institutes have such depth and breadth of infrastructure and facilities as at SMVITM. One priority will be to capitalize on these strengths by enhancing our academic, research and outreach programs and by making our combined strengths known such as by enhancing our qualifications and departmental publications, let us also take utmost care in serving the society by extending the expertise and facilities in our institute, and more specially in our Department, so that we also take part in national building.

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**Mr. Anand.V. R**

*Associate Professor & Head  
Department of Civil Engineering  
Shri Madhwa Vadiraja Institute of Technology & Management*





# PROGRAMS BY ISTE



The student Chapter of Indian Society of Technical Education (ISTE) in collaboration with Nirmiti Kendra, Udupi organized a technical talk on **Green Building and sustainability- EDGE certification** and hands on training of EDGE Software at the institute premises on 28th September 2018. Mr. Deepak Gulhati , Certification Team Lead, Green building council of India (GBCI) was the eminent resource person for the event.

As a part of **TECHNOWEEK-2018** a technical talk was conducted in collaboration with Association of Consulting Civil Engineers (India) Mangalore Centre and The Ramco Cement limited by the ISTE student Chapter of SMVITM, Bantakal on 27th September 2018. Dr. M C Narasimhan, Professor of Civil Engineering NITK, Surathkal delivered a lecture on **“Sustainability in Concrete construction”** and Dr. Rajesh D’Souza , The Principal of Yenepoya Institute of Technology , Moodabidri delivered a talk on **“Advances in Concrete Technology”**.



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in association with EduCADD, Udupi organised a Technical talk titled **“Introduction to 3D-Studio Max”** at the institute premises on 18 September 2018.



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organized an attractive wall hanging/ chart making competition titled as CONCHART to give an opportunity for the creative students.



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The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in collaboration with Simply supported mangalore Pvt. Ltd organized an industrial visit to Palm streak, Mangalore



The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in collaboration with Simply supported Mangalore Pvt. Ltd organized an industrial visit to Mak Park Square at Mangalore and RMC Plant at baikampady, Mangalore



Eco club and Community club of Civil Engineering department of SMVITM, Bantakal organized an awareness talk on “Water conservation and Rain water harvesting “on 3rd October 2018 for the Bantakal village people. The program was followed by Vanamostava celebration, where five plants were planted in SVH PU college, Innanje ground to initiate the awareness in the society.



Communiy club and Eco club of Shri MadhwaVadiraja Institute of Technology and Management, Bantakal, organised campus and street cleaning program from SMVITM to Bantakal bus stop on 29th September 2018. The event was organised in the run up to the fourth anniversary of Swachh Bharath Mission and 150th year celebrations of Mahatma Gandhiji's birthday on 2nd October 2018





Eco club and community club of Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, organised a street play at Katpady on the theme "Environmental Protection and Plastic Ban" on 5th October 2018. SMVITM students participated in the street play with an objective to create awareness amongst the public, the importance of greenery and planting more trees in order to reduce environmental pollution for the survival of animals and mankind.



Eco club in association with Community club of Civil Engineering Department and Placement Department of SMVITM, Bantakal jointly organized a talk on IRA Smart Bins. The Talk was given by Mr. Chitransh Srivatsav, Founder, CEO of IRA Smart Bins on 7th October 2018. He illustrated the working mechanism of smart bins and gave a insight of how smart bins can be implemented in the educational institutions

## A FACULTY DEVELOPMENT PROGRAM ON “WATER RESOURCES, GEO-ENVIRONMENTAL CHALLENGES AND ITS APPLICATION”



Eco club- “Prakriti” of SMVITM in association with department of Civil Engineering and ISTE Faculty Chapter had organized a 3 day Faculty Development Program on “Water Resources, Geo-Environmental Challenges and its Application” from 12 June to 14 June 2018 with the objective of enhancing the knowledge of the faculty members and giving them better insights into the different aspects of the Water Resources and Geo-Environmental Challenges of present decade, with special emphasis on water crisis and remedial measures.

The program was inaugurated on 12 June 2018 by Dr. Laxman Nandagiri, Professor of Applied Mechanics and Hydraulics NITK, Surathkal. In his keynote address, he elucidated the importance of water to the mankind, Geo-environmental studies and conflict on water between various states and countries.

Sri. Ratnakumar, Secretary, SSVMET, presided over the function and addressed that Engineers have to relate the science and technology used in ancient time for the challenges faced due to natural calamities in present days.

On the Day-1, Morning session titled “An overview of Indian water resources scenario and water management issues”, Dr. Laxman Nandagiri, Professor of Applied Mechanics and Hydraulics, NITK, Surathkal illustrated Nuances of water Resources, information

on percentage of water availability at present and future trend, water management issues, case studies on Cauvery River basin and Models and simulation techniques.

In the Afternoon first session, Mr. Shree Padre, well known as Rain Man of Canara Coast, Puttur, delivered a talk on “Water table Decline-Causes and strategies for manage”. He elaborated on ground water recharge, earthen bunds, check dams, water conservation in daily basis and case studies in Karnataka, Kerala, and Rajasthan states.

In the Afternoon Second session Dr. Gangadhar Bhat, Professor, Mangalore University, spoke on “Catchment hydrology management using remote sensing and GIS”. He briefed on digital elevation models and remote sensing, Aerial photography, data analysis in remote sensing. He concluded the session by providing information regarding watershed development and management.



On 13 June, Morning first session Dr. Uday Kumar, Prof. & Head of Civil Engg. NMAMIT, Nitte spoke on “Methods and approaches to solve contemporary problem in water resource management using data mining”. He elaborated on water flow characteristics in lateritic soils as well as in rocks. He gave an overview of subsurface barrier, and its functions with few Case studies.

In the morning second session Dr. Sandeep Nayak, Professor and Head, Civil Engg. VCET, Puttur, spoke on “Ground water for small scale irrigation”. He explained about the irrigation schemes implemented in Uttar Kannada District and characterization of ground water aquifer parameters.

## A FACULTY DEVELOPMENT PROGRAM ON “WATER RESOURCES, GEO-ENVIRONMENTAL CHALLENGES AND ITS APPLICATION”

In the afternoon first session Dr. Ramesh H, Assistant professor of Applied Mechanics and Hydraulics NITK, Surathkal spoke on “Environmental impact of soil and water contamination”. He started his session with the concepts of soil profile, causes for soil contamination and importance of Bio-remediation factors.

In the noon second session, Dr. Dwarakish, Dean(Academics), NITK, Surathkal delivered a talk on the topic “The impact of global change on soil erosion and sediment transport by rivers”.

He emphasized on Remote Sensing satellite system, causes of soil erosion and remedial measures in coastal region and case studies on breakwater.

On 14 June morning first session, Dr. Ganesh A. Assistant Director, ICAS, Manipal, spoke on “Impending water crisis in India”, He stressed on how to cope up with water and some of the ground water recharge techniques.

Morning Second session was engaged by Dr. T.V Ramachandra, Professor Centre for Ecological Science, IISC Bangalore gave a talk on “Environmental consequences on agricultural development”. He elaborated the importance of water, how to deal to fulfill the demand of future needs, ecological imbalance and sustainable energies.

And in the afternoon session he gave a talk on how to “Beat the plastic pollution” by giving some classical illustration of plastic pollution and concluded the talk with the importance of rejuvenation of lakes inside the schools and colleges.



## INNOVATION CLUB



Third semester Civil Engineering student Abhijith Serigara gave a technical talk on Robot Mechanics and Basic Ideology of model making. The seminar was based on the topics related to robotics, Model making and arduino since all these are vital factors for building any bot.

## STUDENT ACHIEVEMENTS

1. Munjunath Neelappa Godi from third year Civil Engineering department has participated in Forum Purple Run and secured first place in 10Km marathon run by finishing it within the time of 38 minutes.



2. Students have participated NPTEL Online Certification course on Digital Land surveying and mapping (DLS&M) and received merit certification

1. Srivarsha Rao K 5th sem
2. Nithilesh Udupa 5th Seme
3. Keerthana Carsta 5th sem
4. Sneha Prakash Nayak 7th Sem
5. Anvitha 7th sem

## LIST OF MEMORANDUM OF UNDERSTANDING SIGNED BY CIVIL ENGINEERING DEPARTMENT SMVITM, BANTAKAL-2018

### SMVITM Signed MoU with Purpose of the MoU

1. EduCADD, Udupi Conducting REVIT Architecture and PRIMAVERA Courses for students



2. Simply supported Pvt. Ltd. (SSPL) Mangalore Modern industry practices, techniques and technology





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Department of civil Engineering

# SHRI MADWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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