



AAKAR

Siddirbhavathi Karmajaa

DEPARTMENT OF CIVIL ENGINEERING



DEPARTMENT NEWSLETTER

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**SHRI MADWA VADIRAJA INSTITUTE
OF TECHNOLOGY**



VISION



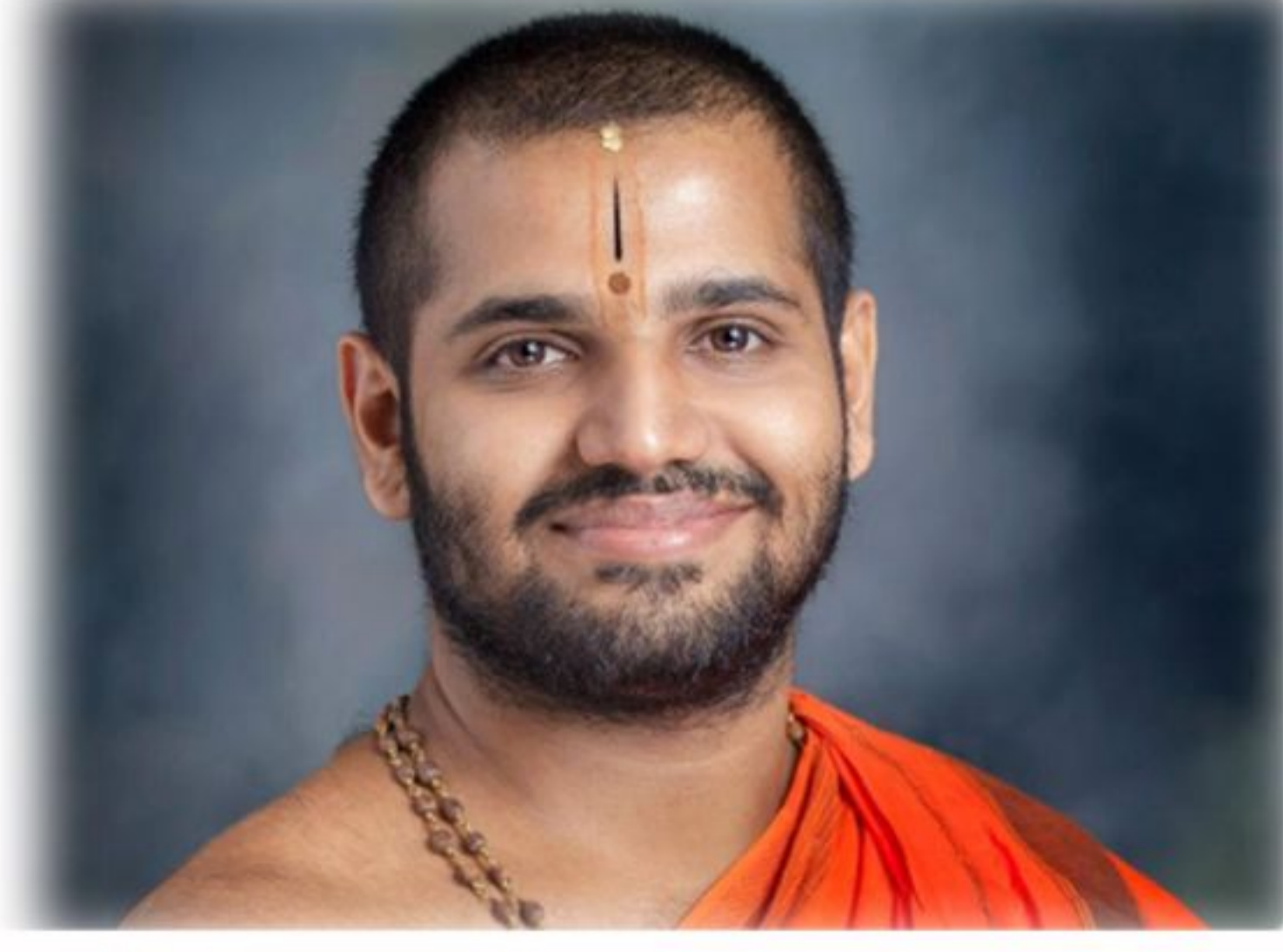
To establish a renowned centre to impart quality technical education, leadership qualities, professional ethics so as to contribute Civil Engineers to the society, capable of meeting the global challenges



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 stakeholders so as to achieve excellence in education, research and outreach activities.



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 six 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.

THE EDITORIAL

Faculty Coordinators

1. Mr. Anand V.R
2. Mr. Sunil Haldankar

Student Coordinates

- 1.Kotresh. A.S

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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 national 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 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.

Mr. Anand.V. R

Associate Professor & Head

Department of Civil Engineering

Shri Madwa Vadiraja Institute of Technology & Management





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 August 2017.

Mr. Abhinav, Trainer, EduCADD Udupi was the resource person for this technical talk. Mr. Abhinav introduced the software 3D-Studio Max which is used mainly for the purpose of making 3D model for interior designing. He also explained step-wise to make an interior 3D model of hall and bedroom. This session was attended by 120 participants including students and faculty members.

The programme started with the welcome by Mrs. Shubha Rao, and the technical talk concluded with formal thanks giving ceremony.

The Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal in association with simply supported Mangalore, organised a technical talk titled “Advanced Scaffoldings” at the institute premises on 15th September 2017.

Er. Arun Prabha addressed about the organisation “SIMPLY SUPPORTED” and the talk was mainly focussed on importance of industrial sector in relation to the academics. Later the talk was continued by another resource person Er. Sandeep Varma, where he discussed the various scaffoldings used in the current industrial practices. The efficiency using manpower along with the time management by using sophisticated equipment’s was addressed. The talk was attended by 125 students along with the faculty members.

Dr. B. Radheshyam, Head of the Department of Civil Engineering and faculties were present during the occasion. Ms. Anusha L Shetty, welcomed the gathering and Ms. Anjumol Raju introduced the resource person to the gathering. The talk concluded with formal thanks giving ceremony.



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 Association of Consulting Civil Engineers (India), Mangalore centre organised a Technical lectures titled “Building cracks and bad detailing” and “Introduction to building construction” at the institute premises on 22nd September 2017.

Er. Ekanath Dandakery, Structural consultant, Mangalore was the first resource person who explained about formation and types of cracks in concrete structures. He also mentioned about the detailing of reinforcement bars in order to get rid of some types of cracks. Later the talk was continued by another resource person Er. Ujwal D’Souza, where he discussed about old age construction practices in relation to various civilizations and improvements in construction practices till now. This session was attended by 180 participants including students and faculty members.





The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal had an industrial visit to Karnataka power corporation limited Varahi underground power house on 25 th October 2017. Varahi under Ground Power House has a distinction of being Karnataka State's first and only UNDER GROUND POWER HOUSE – a key milestone in the corporate history of Karnataka Power Corporation Limited.

Acharya Pavan Raghavendra from 8th Sem Civil Engineering Department bagged gold medal and silver medal in Karate tournament held by KBI national level karate tournament at Shivamogga, and He also got gold medal and silver medal at Hyderabad.



ACCOMPLISHMENT IN NPTEL LOCAL CHAPTER

- Srivarsha Rao student of 7th sem Civil Engineering Department has completed Course in NPTEL's Introduction to Geotechnical Engineering Lab with Elite Certification.
- Sachin kumar. S of 7th sem Civil Engineering Department has completed Course in NPTEL's Building Science Technology with Elite Certification.
- Dion Aroza of 5th sem Civil Engineering Department has completed Course in NPTEL's Building Science Technology.
- Nithilesh of 3rd sem Civil Engineering Department has completed Course in NPTEL's Building Science Technology.



Students projects

Batch no	Name of the student	USN	Proposed title of the projects	Guide
1	SANJAY J SUDHARSHAN SRIVARSHA RAO AKSHAY	4MW14CV042 4MW14CV053 4MW14CV052 4MW14CV055	Renovation of innanje orphanage (Vishwasadamane)	DPU
2	PAVANA MEGHA M KOTIAN MITHILESHA G	4MW14CV025 4MW14CV022 4MW14CV023 4MW14CV011	Virtual harbor	NMR
3	ARUN H R ROHAN BANGERA RAKSHA DSOUZA	4MW14CV007 4MW14CV033 4MW14CV030 4MW14CV039	Design of Underpass	AVR
4	AKSHAY KOTIAN PAVANKUMAR U SACHIN KUMAR S SRIKIRAN N S	4MW14CV003 4MW14CV027 4MW14CV036 4MW15CV418	Ground water analysis	DBV
5	KHATEEB ARMAAN ABDUL JABBAR ANIRUDHA KARTIK JOSHI AKARSH	4MW12CV013 4MW12CV001 4MW14CV010 4MW15CV020 4MW14CV003	Treatment of sewage water	DBV



Batch no	Name of the student	USN	Proposed title of the projects	Guide
6	RAHUL	4MW15CV412	Rapid wall construction technique	NMR
	DHANANJAY	4MW14CV017		
	IJAZ	4MW14CV004		
	ANJUMOL RAJU	4MW15CV419		
7	AKSHITH B	4MW15CV401	Stabilization of shedi soil using geogrid	SSH
	SHETTY SUJIT	4MW14CV044		
	SANDESHA	4MW15CV416		
	NISHANTH H A	4MW15CV410		
8	KISHOR	4MW14CV021	Bore hole locating device	SSH
	RAKSHITH	4MW14CV031		
	JEEVAN B POOJARY	4MW14CV018		
	ANVITHA K	4MW14CV006		
9	SHREYAS M G	4MW14CV045	Road honking system	RKR
	HARISHA K M	4MW15CV403		
	NAVEEN	4MW15CV409		
	KARTIK ANGADI	4MW15CV404		
10	AVINASH S SHETTY	4MW14CV009	Interlinking of rivers	RKR
	BHAVISH BHAT P B	4MW14CV010		
	RAMESH KARANTH	4MW14CV032		
	SRINIVAS HEBBAR	4MW14CV051		
11	MARUTI	4MW15CV407	Alternative building materials	VSB
	BALEKATTI	4MW15CV415		
	SADHANA	4MW15CV417		
	KARIMBI	4MW15CV420		



Batch no	Name of the student	USN	Proposed title of the projects	Guide
12	ASHA MATHIAS	4MW14CV008	Use of E-waste in construction	NJD
	ANUSHA L	4MW15CV402		
	SHETTY	4MW15CV421		
	VINOD NAIK	4MW15CV411		
13	JANARDHAN	4MW14CV028	Analysis of SIFCON beams using ANSYS software	DPU/RKH
	CHETHAN S	4MW14CV012		
	SRIKANTH	4MW14CV050		
	KEERTHAN	4MW15CV405		
14	SALMAN ASSADI	4MW14CV038	Town planning using GIS	AKS/NMR
	SHABHA ANJUM	4MW14CV043		
	SHRISKANDA	4MW14CV047		
	SHUBHA RAO	4MW14CV048		
15	SUJITHA C	4MW14CV054	Alternative construction for sustainable development	USL
	NIDHISHREE	4MW14CV024		
	MANJUNATGOUDAR	4MW15CV406		
	VISHAL LINGADALLI	4MW15CV422		
16	DHANUSH SHETTY	4MW14CV013	Pervious concrete	USL
	PAVANAKUMARA	4MW14CV026		
	SREENATH K V	4MW14CV049		
	GAGANA P	4MW14CV056		
17	ABDUL AZIZ	4MW14CV001	Use of red mud in building construction	RSK
	ANUJNA	4MW14CV005		
	ACHARYA PAVAN	4MW15CV400		
	REVATHI	4MW15CV414		



ACCOMPLISHMENT IN NPTEL LOCAL CHAPTER

- Mr. Sunil Haldankar Assistant Professor, Department of Civil Engineering has successfully completed Course in NPTEL's 'Introduction to "Geotechnical Engineering Lab"'.
• Mr. Vignesh Shenoy Assistant Professor, Department of Civil Engineering has successfully completed Course in NPTEL's 'Introduction to Building Science Engineering.'
• Ms. Nishita D. Souza Assistant Professor, Department of Civil Engineering has completed the course in Geo Environmental Engineering.
• Ms. Akshitha Assistant Professor, Department of Civil Engineering has completed the course in Introduction to Research Methodology and Introduction to Remote Sensing.



Department of civil Engineering

SHRI MADWA VADIRAJA

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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SMVITM: Where Values & Technology

