

AAKAR

Siddirbhavathi Karmajaa

News Letter

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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 18th September 2019 at college premises. Large numbers of students registered for the competition and 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 25th 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.



"Sthapathi", 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>