

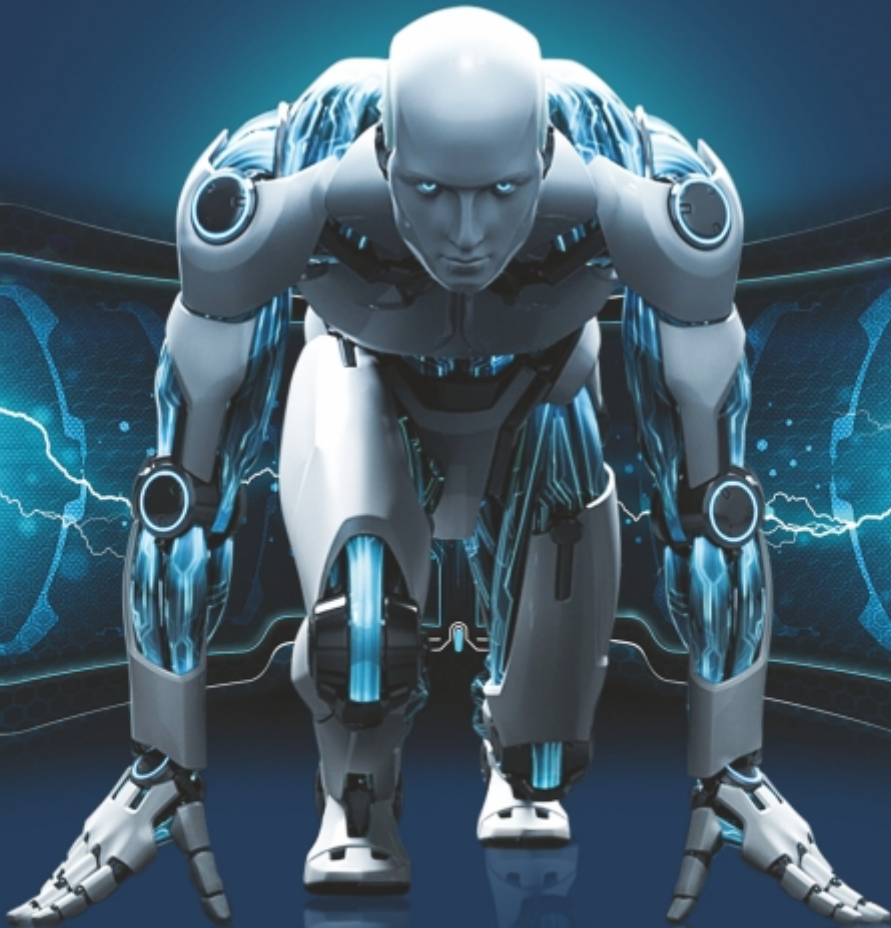


SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust[®], Udupi)
(Approved by AICTE, New Delhi; Recognized by Govt. of Karnataka and Affiliated to VTU, Belgaum)

Vishwothama Nagar, Bantakal, Udupi Tq. & Dist., Karnataka, India – 574 115

Engineering your Career and Character with Care



SMVITM: WHERE VALUES AND TECHNOLOGY CONVERGE



Prelude

In the present global scenario of rapid technological developments and the resultant economic environment, value based technical education has been widely recognized as the need of the hour. To reap maximum economic and social benefits of technological advancement in a world that is getting globalized at an incredible pace, it is absolutely important that the aspiring engineers, especially of the developing world, have equipped themselves with the most sophisticated technological skill sets and an innovative mindset combined with the values of social commitment and professional ethics. Unless the students of engineering are exposed to the knowledge explosion in the domains of science and technology and trained in and guided towards application oriented engineering projects and studies, the future may be bleak for them. It was against this backdrop that Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM) made its foray into the field of technical education in 2010, and since then it has been recognized as one of the fastest growing and quality-oriented technical education institutes in the region.

An Institution with a Distinction

SMVITM was founded by His Holiness Shri Vishwavallabha Theertha Swamiji of Shri Sode Vadiraja Mutt, Udupi under the auspices of Shri Sode Vadiraja Mutt Education Trust[®] (SSVMET). It is located at Vishwothama Nagar in a picturesque village called Bantakal, which is a few kilometers away from the world famous temple town of Udupi. The institute has a sprawling campus spread over 70 acres of sylvan land of pristine natural beauty. The campus is conveniently located on the Katapady- Belman road, about 6 km off NH 66, 12 km away from Udupi town, 18 km away from Manipal and well connected to Kundapura, Karkala and Mangalore by road. SMVITM boasts state-of-the-art infrastructure and a well-qualified and committed team of faculty/staff members, which has resulted in a proven track record of excellent student performance and faculty accomplishments ever since it came into being.

SMVITM firmly believes that the essence of imparting great education is to create a hunger for knowledge in the students and to make them not only improve their knowledge base in the subject domain, but also help them accomplish total personality development. The institute strives to provide students with holistic education that encourages them to apply their minds and think 'out of the box' to get solutions to real time technological problems. As today's industry requires well-qualified and industry-ready human resources to meet the challenges of global competitiveness, the budding engineers are required to remain competitive with constantly up-dated skill sets to be at the cutting edge of technological innovations. With the vision and mission being set to become a world class technical institution fostering innovation, leadership and entrepreneurial spirits and contributing towards the growth of a healthy and happy society, several steps have already been and are being undertaken by SMVITM for the multi-dimensional growth of the institute and an effective industry-institute interface, which will ultimately benefit the student community.



Visionary Management

SSVMET was established in the year 2009 as a charitable trust by Shri Sode Vadiraja Mutt, one of the eight mutts of Udupi, with the goal of the upliftment of the underprivileged sections of society by providing them with basic education in general and technical education in particular. The trust is ably led by the pontiff of Shri Sode Vadiraja Mutt, His Holiness Shri Vishwavallabha Theertha Swamiji. The mutt has been making its contribution to the cause of education since pre-independence days. Presently, in addition to SMVITM, the trust runs primary schools, higher primary schools, high schools and a pre-university college, which are located at Innanje near Udupi, providing quality education both in Kannada and English mediums.

The management is fully committed to provide world class education in engineering to all, especially to rural and financially backward students. The institutions run by SSVMET are dedicated to the all round development of the student community and thereby contributing to the development and progress of the country.

Vision

To Establish an Excellent, Value-based Higher Educational Hub to Meet the Challenges of Global Competitiveness

Mission

To impart holistic education with unparalleled infrastructural facilities and conducive academic ambience, at affordable costs, leading to the creation of Centers of Excellence with best brains collectively interacting for total personality development and intellectual growth



Objectives of the Institute

- To create a transparent and attractive academic environment, free from commercial interests and questionable practices, that encourages pursuit of excellence
- To inculcate in the students and the teachers, a scientific temper and a spirit of enquiry
- To develop and nurture a value-based, but thoroughly professional educational system in which the teacher and the student alike are at their innovative best at all times, encouraging each other to keep pace with the ever expanding frontiers of knowledge
- To make significant contribution towards the growth of a healthy society through pioneering education and effective industry-institute interactions
- To be the role model in higher education and the most preferred choice of students, faculty and industry

Core Values

- Discipline
- Determination
- Dedication
- Integrity & Trust
- Interest & Involvement

Road Map Ahead

3 to 5 years down the lane, the institute envisages to:

- Introduce Industry-oriented/sponsored courses/open electives to improve employability
- Start PG programs in emerging areas, at least one in each technical department.
- Increase intake/start new UG programs
- Promote institute-industry interface through regular guest lectures/workshops, visiting professorships, industry visits, campus connect programs and industry-institute interactive meets.
- Get endowments, professorships and visiting chairs from industries, organizations and alumni
- Promote research and bag industry/govt. funded research projects
- Enhance facilities to improve student performance in all related fields
- Encourage and achieve Faculty Qualification Enhancement
- Set benchmarks against reputed institutes to draw and implement best practices for enhanced visibility and higher ranking



Courses Offered

The institute offers four year undergraduate courses leading to Bachelor of Engineering (B.E.) degree in the following disciplines:

DISCIPLINE	INTAKE
Civil Engineering	60
Computer Science & Engineering	120
Electronics & Communication Engineering	120
Mechanical Engineering	120



Characteristic Features of SMVITM



Faculty and staff:

The institute has a team of well-qualified and highly committed team of faculty and staff, satisfying all the statutory requirements. Along with effective class room teaching, they try to inculcate values of responsible social behaviour in the students and mould them into fine human beings who care for their fellow beings. SMVITM aspires to emerge as a research oriented institute in the region and some concrete steps have already been taken by the institute in this direction. Quite a few faculty members are pursuing research and many more are about to follow suit. As a part of creating research culture in the institute, a few externally funded research projects are already being executed in the VTU recognized research centers in some of the departments.

Adjunct Faculty (Visiting Professor) scheme:

For valued support and involvement in supplementary teaching/research activities, setting up of new laboratory facilities in the departments, organization of continuing education programs and cooperation in other academic matters /faculty mentoring, a few highly qualified and experienced subject experts from

other reputed organizations are appointed as Adjunct Faculty.

Ideal environment for academics:

SMVITM, ideally situated in calm and pollution-free environs and away from the hustle and bustle of the city, yet easily accessible, makes it the ideal place for the pursuits of teaching and learning.

World class infrastructure:

Separate, full-fledged blocks designed and constructed with keeping in mind the specific needs of individual engineering streams and the stand-alone library provide the best of infrastructure. The class rooms are spacious, well-ventilated and adequately furnished so as to create a comfortable classroom environment. All class rooms have provision for multimedia facility to ensure that the students benefit fully from the technological advancements that can supplement and enrich classroom transactions.

State-of-the-art laboratories:

All laboratories and workshops are equipped with modern instruments /equipment, satisfying the university requirements and the students' quest for practical knowledge. Adequate computing /printing facilities with campus-wide LAN and licensed software packages are made available in all departments. The institute also has a fully-functional Testing & Consultancy Cell, which has been offering

its services to various civil engineering firms/contractors.

Central Library with reading halls, book bank facility and multimedia lab:

The institute library has a treasure trove of books, newspapers, magazines and journals. The central library has over 13,000 volumes of reference/text books with over 1800 titles. In addition to the leading dailies and magazines, the library subscribes to the VTU Consortium for e-Resources, which provides access to many reputed e-books and e-journals. The collection of e-books and e-journals together provides access to over 18,400 titles to the faculty and students. A reading hall of over 200 seating capacity, multimedia laboratory and e-learning center providing live transmission of VTU EDUSAT program are added features of the library. Book Bank facility is also available for the needy students. In addition to the central library, each department has a separate departmental library for ready reference for its faculty and staff. With the independent four-storey block for library-cum-multiple seminar halls under construction becomes operational by 2015, the institute will have a library that will be on a par with some of the best libraries in the most reputed technical education institutes in the state.





Hostels:

The institute has magnificently designed and ergonomically built separate hostels for boys and girls on campus with all modern facilities and provision for recreational activities along with delicious and nutritious vegetarian food. The hostel administration is taken care of by full-time wardens and a chief warden. Adequate water and power supply is ensured round the clock in the hostel. The rooms and ambience in the hostel provide ample privacy to the inmates and an atmosphere conducive to studying without external disturbances.

Co-curricular and extra-curricular activities:

To facilitate an in-depth, comprehensive and practical understanding of the academic subjects in the students, SMVITM organizes various general and department-specific co-curricular activities and technical programs within the campus frequently. In addition to the branch specific programs, students are also encouraged to participate in state/national level ideation/innovation challenges and competitions/student project exhibitions. While the Innovation Club gives a platform to students to experiment with and test their technologically relevant ideas, the robotics workshops, science/technical model exhibitions/competitions etc. organized

frequently seek to explore and enrich their academic and creative potentials.

At SMVITM, no stone is left unturned to identify, encourage and appreciate the hidden talents of the students. The institute offers various avenues for the expression of the aesthetic and creative potentials of the students. The annual techno-cultural fests, the literary and cultural competitions held as part of the Annual Day and opportunities for students to participate in various intercollegiate cultural fests contribute abundantly to the development of their natural gifts and talents.

The student units of the community service organizations like the NSS, Youth Red Cross and the Rotaract Club, in association with local NGOs/international organizations like the Rotary Club and Jaycees,

organize activities aimed at serving the community and reaching out to society at large by offering services like free medical camps, blood donation camps, training special children etc. In order to inculcate the values of patriotism and discipline in the students, an NCC unit also will start functioning at the institute from the year 2015.

Membership of recognized professional bodies:

Faculty and institutional memberships of reputed professional societies/bodies enhance the visibility and credibility of any professional education institution. The Faculty and Student Chapters of Indian Society for Technical Education (ISTE) have already been functional at the institute and co curricular activities under the banner of ISTE Chapters are being regularly organized. Faculty and institutional membership of a few more reputed professional societies such as Institution of Engineers (India), CSI and IEEE are being processed. The setting up of student chapters of such bodies at the institute has also been given top priority.

Counseling and Student Welfare:

Under a unique system called the Faculty Advisor/Teacher Guardian Scheme, the faculty constantly monitors the academic performance of the students. They, in consultation with the Student Welfare Officer, pay personalized attention to the problems faced by the students and give





effective counseling to students, who need help with regard to their academic and personal problems, and act as mentors to the students. The Cumulative Performance Diary, a record of all relevant academic and personal details of the students, is maintained and the parents are periodically posted about the academic progress of their wards. The institute also has qualified professional counselors for providing expert counseling to the needy students. Talks and addresses by eminent counselors and mental health professionals are frequently organized at the institute to guide, counsel and motivate the students.

English communication & soft skills training:

Integrated Student Personality Development Program – a special soft skill training program integrated with the regular classes for the students, extending over four years of their study at SMVITM – has been introduced to prepare and mould the students into industry-ready human resources, enhancing their employability, and thereby increasing their job opportunities. The program provides training in areas such as communication and behavioural skills, correcting English language, understanding corporates better, fine tuning personal grooming, overcoming personal anxiety, improving aptitude abilities, confidently handling

group discussions and facing campus interviews.

Training & Placement:

SMVITM is well aware of the ever-evolving dynamics of the job market and the rapidly changing industry perspectives on skill sets that the new recruits are expected to have. Having had this understanding and the vision of transforming the institute as one of the most preferred destination of reputed industries for finding new talents for their organizations, the institute has an active Department of Training & Placement. The department acts as a vital link between the students and reputed industries, where they could undergo industrial training or execute industry sponsored projects in order to update and upgrade their technical skills, which considerably enhances their opportunities

of getting placed. In order to be well-versed with the industrial work culture, the department encourages and facilitates students' taking up live projects with reputed industries. Many reputed companies are already supporting the institute by facilitating industry visits of the students and offering them internships and projects. SMVITM is associated with a number of reputed organizations like IBM, HP, TCS, SAP Labs, BOSCH, HCL, Robosoft, Kennametal, L&T etc. for training and placement. The institute is also a member of the consortium of engineering colleges of Coastal Karnataka and regularly send students to attend pooled campus interviews, which facilitates centralized campus recruitment by companies of high repute. Many deserving students have already been placed through this facility and the department is trying its best to bring many more high profile companies to the campus for the placement of the students. A state-of-the-art placement block, which would have the most sophisticated facilities for on-campus placement drives, is getting ready and will be functional by 2015.

Entrepreneurship Development:

The Entrepreneurship Development Cell along with Industry-Institute Interaction Cell aims at orienting and motivating the budding engineers to become successful entrepreneurs after the completion of their graduation. Several programs like entrepreneurship awareness camps and





invited talks by successful entrepreneurs to inspire and guide the interested students and helping the desirous students to productize/commercialize their creative ideas are organized by the cell. Efforts are also made to establish a recognized hub for entrepreneurship, incubation and research activities in the campus. In collaboration with District Industries Center (DIC) and Micro, Small & Medium Enterprises (MSME), a Unit of Govt. of India; Technology Business Incubator in areas of local interest and demand like IT sector, self employment awareness & training programs, student project work facilitation in local industries and many more such industry-institute interaction programs are being planned and processed.

Academic Partnerships with reputed companies / organizations:

With the objective of making the best academic resources available to its students and faculty, SMVITM has entered into academic partnership agreements with some reputed companies and organizations. Academic partnership with the renowned multi-national company, SAP Labs India Pvt. Ltd. Bangalore, enables the students and faculty of SMVITM to access SAP UA learning assets as academic supports free of charges. The agreement with CVC Pvt. Ltd., Bangalore, a

premier VLSI & EDA technology related company, provides for specialized VLSI training and lab assistance to the Computer Science & Engineering and Electronics & Communication Engineering students. The agreement with i-POINT Consulting Services Pvt. Ltd., Mangalore provides Integrated Student Personality Development Program, a comprehensive soft skill training program to the students. Many more of such proposals are in the pipeline and will be materialized in the near future.

Sports facilities:

SMVITM encourages students to take part in various sports and games activities for physical development. Facilities are made for indoor games like table tennis, carom, chess etc. and outdoor games like cricket, volleyball, and athletics. Coaching is

provided to selected students to participate in inter-collegiate/inter-university competitions. The annual sporting events and representation of SMVITM students at various state and national level athletic meets/tournaments provide the students with opportunities to excel in sports and games. A number of students have already won state/VTU level awards / championships and the trend continues. A modern basketball court and a well-equipped gymnasium are being developed at present. To give ample training and encouragement to aspiring athletes, the institute is also planning to construct a 400 metre athletic track in the near future.

Free internet facility:

The institution provides free internet facility through Wi-Fi technology to its students for academic purposes. A dedicated internet browsing centre for the benefit of the students is being developed.

Scholarships to meritorious students:

In order to attract quality students and thereby turning the mission of the management into a reality, many attractive scholarships are offered to deserving students. Scholarships worth more than ₹ 35 lakhs, instituted by different charitable trusts and organizations have already been disbursed and the amount is expected to rise in the years to come. Ten institutional 'merit-cum-means' scholarships worth ₹ one lakh, given from the





institutional scholarship fund, are awarded every year to the toppers in CET/ the students who score the highest marks in the PUC examination with the lowest family income.

Local conveyance:

Institute bus facility at concessional rates to daily commuters (students, staff and faculty) is available from Udupi, Kundapur, Hiriyadka, and Manipal. This facility can be extended to other distant places on demand.

Student Council:

The student council (without political affiliations), the elected body of student representatives, acts as a link between the institute administration and the students. It communicates the students' interests and expectations with the administration

and makes better coordination between the students, faculty and administration. The student council is also actively involved in planning for and organising all major institutional programs /events.

Medical aid:

The institute provides medical aid for the students in emergency cases. Local doctors visit the institute on call to attend to any urgent medical needs of the students and staff. Tie-up with premier local hospitals for medical services to students and staff also exists. Under a group medical insurance scheme, all the students of SMVITM are insured against accident and death.

Zero ragging campus:

Right from its inception, SMVITM has ensured that its campus has been free

from ragging in any form. An active anti-ragging committee and anti-ragging squads are functioning in the campus throughout the year to ensure that no student is subjected to any kind of harassment inside or outside the campus.

Safety & Security:

The institute has a well-organised and effective security system in place to ensure the safety and security of the students and the campus. The entire campus is constantly monitored by a well-trained team of security personnel. The 24x7 centralized CCTV surveillance system and the vigilant and alert security staff make sure that no untoward incidents happen in and around the campus.

Cafeteria:

Varieties of delicious and quality food at affordable rates are available exclusively for the students and staff at the spacious and hygienic vegetarian cafeteria on campus.

Stationery and reprography facility:

The institute has a stationery store and photocopying center on campus, which offer services to the students at concessional rates.

Bank and ATM facility:

Karnataka Bank ATM facility is provided for the students inside the campus.





Some Milestones in a Journey towards Excellence!

- Former President, Dr. A. P. J. Abdul Kalam's visit & interaction with the students
- Academic partnerships with SAP Labs, Bangalore; CVC Pvt. Ltd., Bangalore, Ethnus Consultancy Services Pvt. Ltd., Bangalore and i-POINT Consulting Services Pvt. Ltd., Mangalore
- Collaboration with CSIR, NAL & ISRO for student training/outreach programs
- VGST and KSCST funded student projects
- Holding a fully sponsored, National level Conference
- Organization of state level inter-collegiate techno-cultural fests
- 100 % results in VTU examinations
- ISTE sponsored faculty development programs
- Invited presentations by the faculty on international forums abroad



ADMISSION PROCESS

Admission to SMVTIM is in accordance with the rules and regulations enforced by Govt. of Karnataka from time to time. Aspiring students shall take up the Common Entrance Test (CET) conducted by the Karnataka Examinations Authority (KEA) and get admitted through the CET counseling process.

A few management seats are also available in the institute. Students can approach the institute/trust office for getting admitted under management quota.

There is also a provision for successful, three year diploma students to get admitted to the second year of the respective branches of engineering (Lateral Admission). They are required to follow the CET/KEA norms for such admissions.

CET (KEA) CODE: E206

ELIGIBILITY CRITERIA

Admission to First year B. E.

The candidate shall have passed 10+2/PUC/Class XII or equivalent examination with English as one of the languages and obtained a minimum of 45% marks in aggregate with Physics and Mathematics as compulsory subjects, along with Chemistry/Biotechnology/Computer Science/Electronics/Biology. In case of candidates belonging to Karnataka Scheduled Caste, Scheduled Tribe and Other Backward Classes (Category 1, 2A, 2B, 3A and 3B) the minimum marks for the purpose of eligibility will be 40% of marks in aggregate, in the optional subjects in the qualifying examination.

Admission to B. E. (Lateral Entry)

Lateral entry admission to Second Year Bachelor of Engineering, shall be open for the students who have passed three year Engineering Diploma examination from an AICTE approved institution, with a minimum of 45% marks in the qualifying examination (40% in case of candidates belonging to Scheduled Caste, Scheduled Tribe and other Backward Classes) in appropriate branch of Engineering/Technology.

OR

Candidates who have passed B.Sc. degree from a recognised university as defined by UGC with at least 45% marks (40% in case of candidates belonging to reserved category) and passed XII Standard with mathematics as a subject.

Students seeking admission from outside Karnataka should produce the Migration Certificate, based on which the institute will issue an eligibility certificate, as per the VTU norms.

Those candidates who have passed a qualifying examination other than the PUC examination of the Pre University Education Board of Karnataka or Engineering Diploma Examination from Board of Technical Education of Karnataka, have to obtain eligibility certificate from VTU, Belgaum for seeking admission to B.E. courses.

All the above eligibility conditions are subject to change as per the latest decisions made by statutory bodies like AICTE, Government of Karnataka or VTU.



INSTITUTE CAMPUS

Shri Madhwa Vadiraja Institute of Technology and Management

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

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MANAGEMENT (TRUST) OFFICE

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