

SAMSMRUTHI

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SMVITM



SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

A Unit of Shri Sode Vadiraja Mutt Educational Trust, Udupi.

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KEA-CET Seat Selection Process Awareness Program

Institute organized an awareness program on admission through CET-KEA 2024, on 29 June 2024. The Principal of the institute Dr. Thirumaleshwara Bhat provided valuable information regarding the CET admission process including mock allotment process, institute selection and course selection through option entry, seat allotment process and process of reporting to the allotted institute.

A good number of students of various PU colleges of Udupi and Kakarla region attended this program accompanied by their parents. Mr. Ananth Mallya and Mr. Sudhir, Senior Assistant Professors, Department



of Mechanical Engineering compeered and coordinated the program.

Comedkares Session on "Social Innovation"

Department Computer Science and Engineering in association with Comedkares innovation hub conducted a session on "Social Innovation". Mr. Preetham, an esteemed industry expert and the co-founder and CTD of Innunity LLP led this session and provided invaluable insights to the students on social innovation in the tech industry.

He provided example of students can address the issues around them by analysing the problems, using their knowledge to generate ideas and developing solutions. He also suggested various ways to leverage



opportunity to build a career. Ms. Reshma, Assistant professor, Dept of CSE coordinated the program.

First Prize in State level Table Tennis Tournament



The students have won First prize in VTU Intercollegiate Mangaluru Division Table Tennis Tournament held at K S Hegde Medical College, Deralakatte, Mangaluru on 2nd July 2024.

Also the team participated in the VTU Inter collegiate State Level table Tennis competition held at Vidyavardhaka College of Engineering, Mysuru from 18th to 20th July 2024.

Second Prize in Technical Event "Line following Robot"



Third year students Pavan G Gond, Vishwas Bhat, Ranjan Poojary, Vijetha, from Dept. of Computer Science Engineering And Shreeharsha Gunaga Dept. of Electronics and Communication Engineering has won the second prize in "Line following Robot" a technical Event organized by the comedkares Innovation Hub, Manglore, held on 07th July 2024.

Industry Visit: Centre for System Design, NITK, Surathkal



The Department of Mechanical Engineering in association with Entrepreneurship Development Cell (EDC) and ISTE student chapter of the institute has organized a visit to various research laboratories at Centre for System Design, National Institute of Technology Karnataka, Surathkal on 05 July 2024 for the benefit of 4th and 6th semester students of Mechanical Engineering.

In the morning session, Ms. Shreshta Udupi, Senior Research Fellow at Centre for System Design, NITK has conducted a session on "Introduction to Virtual Labs". She has briefed regarding how to conduct experiments using virtual labs. Also given information regarding Real Time Labs. Later, she has conducted hands on session on conduction of materials testing and fluid mechanics experiments using virtual labs.

In the afternoon session, Dr. Pruthviraj U briefed the students regarding various research activities going on at Centre for System Design, NITK. This session is followed by visit to Virtual Reality, Electric Vehicle and Unmanned Aerial Vehicle laboratories. In the conclusion session, the coordinator of Centre for System Design Dr. K V Gangadharan has briefed the importance of virtual labs and distributed certificates to the participants. Departmental EDC coordinator Dr. Bharath K Bhat, faculty members in the department Mr. Aditya Kudva S, Mr. Sudhir, and Mr. Ananth Mohan Malliya have accompanied the students.

Peer Learning Session on PCB Design using KiCad Software

The Electronics and Communication Engineering Department hosted a peer learning session on PCB design using KiCad software, focusing on advanced design techniques for printed circuit boards. The event took place at the DSP Lab on July 3, 2024. Dr. Guruprasad, Head of the ECE Department, emphasized the significance of PCB design in today's technology landscape and highlighted its broad applications.

He encouraged students to actively engage in such sessions and consider organizing similar events in the future. Ms. Yashaswi, a second-year ECE student, skilfully managed the Master of Ceremonies and delivered the vote of thanks. Dr. Guruprasad also welcomed the participants with an opening address.



From 2nd Year ECE Dept. Mr. Athula A. Bhat provided valuable insights into PCB design, with support from Mr. Adithya R. Das and Mr. Chiranth C. Shet. Ms. Pavithra Poornima S, Senior Assistant Professor coordinated the workshop



Ms. P Vaidehi Nayantara Awarded with Ph.D

Ms. P Vaidehi Nayantara, Assistant Professor in Artificial Intelligence and Data Science Department has been awarded Ph.D. degree for her research thesis titled **"Computer Aided Diagnosis System For Detection And Classification Of Liver Tumor Using Computed Tomography Images"** submitted under the guidance of Professor Dr. Surekha Kamath, Department of Instrumentation and Control Engineering, Manipal Institute of Technology, Manipal.

Two days Exposure Visit cum Training Program under Mentor – Mentee Scheme



The Institution's Innovation Council, in collaboration with the Entrepreneurship Development Cell, organized a Two-Day "Exposure Visit cum Training Program" under the Mentor-Mentee Scheme of Ministry of Education's innovation cell, Government of India.

The program was inaugurated on July 12 by the Principal, Dr. Thirumaleshwara Bhat. During the inauguration, Dr. Bhat provided an overview of the various schemes initiated by the Government of India

to promote entrepreneurship and innovation, encouraging the participants to take full advantage of these opportunities. He expressed his gratitude to all the participants from various mentee institutes for their interest in the program. Dr. Bhat also extended his thanks to the Ministry of Education's Innovation Cell for recognizing Shri Madhwa Vadiraja Institute of Technology and Management as a mentor institute.

The innovation council members of A. J. Institute of Engineering and Technology, Mangaluru, Poorna Prajna Management Institute, Udupi, Indira Shiva Rao Polytechnic, Manipal, Bhandarkr's Art and Science college, Kundapura., Bheereshwara Shikshana Sansthe, Medical College, Belagaavi.

Mr. Arun Upadhyaya, the coordinator of the Institution's Innovation Council, provided an overview of the various sessions planned for the two-day program to all the participants.

"Build your Career Path as SAP Professionals"



Department of Mechanical Engineering in association with Alumni Cell and ISTE Student Chapter has organized an alumnus talk on "Build your career path as SAP professionals" on 18 July 2024. Our proud alumnus of 2011-2015 batch Mr. Adheesh Shetty, SAP Associate Consultant, TagSkills, Bengaluru, was the resource person of the program.

Mr. Adheesh Shetty, in his address has thrown light on Overview of Systems, Applications & Products (SAP) in Data Processing. Ms. Sudeeksha Devadiga, SAP Associate Consultant, TagSkills, Bengaluru, was accompanied our alumnus. In her address, she has briefed about Career opportunities in SAP domain. Departmental Alumni Coordinator Mr. Hithesh Mendon and Departmental ISTE Coordinator Dr. Bharath K Bhat were coordinated the program. Around 30 students and few faculty members have attended the program. HOD of Mechanical Engineering Dr. Raja Yateesh Yadav has handed over the memento and appreciation letters to the speakers and thanked all the attendees. Mr. Ananth Mohan Mallya has compeered the program and the program was concluded by 11:30 AM.

"Hackathon" Award to Bantakal Engineering College



The Students Pratham L Kamath, Rahul Mendon, Akshay Nayak of third year Artificial Intelligence and Data Science Engineering have participated and won the First place in Sankalp' 2024 (8-Hour Hackathon) organized by IEEE student branch of A. J Institute of Engineering & Technology, Mangalore on 13 July 2024.

Independence Day Celebration



Institute proudly celebrated the 78th Independence Day with a memorable event. The chief guest, Shri Ganesh Adiga, Subedar Major/Honorary Lieutenant (Retd.), delivered an evocative speech that highlighted the sacrifices of the armed forces and the importance of national unity. Principal Dr. Thirumaleshwar Bhat echoed these sentiments, urging everyone to embrace and uphold the values of freedom and integrity. The event, skillfully hosted by Cadet Satvik S Bhat, featured a notable NCC drill where the cadets provided a ceremonial escort for the chief guest, adding a grand touch to the proceedings. Attendees included NCC Caretaker Officer Mr. Karthik V, PI Staff Nagesh, Physical Education Directors, Deans, HODs, faculty, staff, and students, all contributing to a celebration filled with pride and patriotism.

Entrepreneurship Awareness Program"

The Entrepreneurship Development Cell in association with Micro, Small & Medium Enterprises (MSME), Mangalore, Ministry of MSME, Government of India organised an "Entrepreneurship awareness program" to spread awareness about Entrepreneurship among the students on 29th August 2024.

Mr. Harish Kunder, President of the District Small Industries Association, Udupi has inaugurated the session and highlighted the significance of entrepreneurship in the current economic and social landscape. He also discussed how entrepreneurship fosters innovation, creates jobs, and drives economic growth. Mr. Kunder spoke about the various support systems and opportunities available for entrepreneurs in the district. In his concluding remarks, Mr. Kunder highlighted the role of the District Small Industries Association in providing guidance, mentorship, and networking opportunities to aspiring entrepreneurs.

Mr. Sundar Sherigar M, the Assistant Director of the MSME Development and Facilitation Office in Mangalore, delivered an inspiring speech at the Entrepreneurship Awareness Program, emphasizing the critical role of entrepreneurship in driving economic growth and fostering innovation. Sundar Sherigar highlighted the importance of small and medium enterprises (SMEs) as the backbone of the



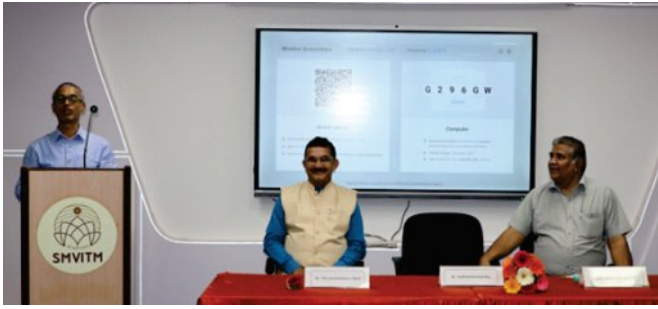
Indian economy. He discussed how entrepreneurship contributes to job creation, economic diversification, and innovation. He encouraged participants to consider entrepreneurship as a viable career path, emphasizing that SMEs are essential for sustainable economic development. He explained the various initiatives and schemes offered by the MSME Development and Facilitation Office to support aspiring entrepreneurs. He spoke about financial assistance, training programs, and mentorship opportunities available for startups and small businesses in Mangalore. Later Principal Dr. Thirumaleshwar Bhat delivered the presidential remark by mentioning the institution's aim in producing entrepreneurs and what are the future planning of the Entrepreneurship Development Cell to help the students become an entrepreneurs.



The function of education is to teach one to think intensively and to think critically. Intelligence plus character, that is the goal of true education

Martin Luther King Jr.

Talk on "Social Coding"



The Department of Computer Science & Engineering organized a guest talk titled "Social Coding" on August 31, 2024, specifically aimed at the 3rd semester students. The event featured Dr. Sudarshanmurthy, a distinguished Principal Researcher at Else Institute, who also serves as the founder and Director of the Data Systems & Solutions Lab. With a rich background as a teacher, researcher, and technologist, Dr. Sudarshanmurthy brought a wealth of knowledge and experience to the session.

The session was not only highly engaging but also deeply insightful, leaving a lasting impact on all who attended. Dr. Sudarshanmurthy provided an in-depth overview of software engineering, emphasizing the

critical role it plays in modern technology development. He particularly highlighted the importance of teamwork in achieving goals, stressing that collaboration is key to success in any engineering project. One of the central themes of Dr. Sudarshanmurthy's talk was the continuous journey of learning. He encouraged both teachers and students to cultivate a passion for learning, underscoring that education is a lifelong process. According to Dr. Sudarshanmurthy, sharing knowledge and actively seeking information from others is essential in fostering a vibrant learning community.

The interactive nature of the session encouraged lively brainstorming and idea exchange among the participants. This collaborative environment not only fostered creativity but also allowed students to explore new ideas and approaches in the field of software engineering. The event was graced by the presence of Dr. Thirumaleshwara Bhat, Principal and Dr. Ganesh Aithal, Vice Principal who appreciated the value of the insights shared during the session. Their presence further underscored the importance of such academic engagements in the holistic development of students.

Students won Prize in "JCE IDEATHON"

Mr. Poojary Bhushan Bhaskar, Mr. Hitesh A, Sathwik S Bhat and Chirag the students, have won the prizes in "JCE IDEATHON event organised by MSME Government of India in association with Jain College of Engineering, Belagavi, ED cell & CII on 23rd September 2024. It was a state level event and more than 50 teams across the state participated in this event.



Second Prize in Management Fest "Hercules - HR event"



Navya N. Ballal and Raksha Shetty, first-year MBA students have achieved success by securing Second Place in Hercules - HR event at the National Level Management Fest, Agon - 2024. The event was held on the 8th and 9th of August, 2024, and was organised by Alva's Institute of Engineering and Technology, Mijar.

Orientation Program at SMVITM, Bantakal

Orientation Program for the newly joined B.E. students organized at the institute premises on Sunday, 01 September 2024. The program was inaugurated by lighting the lamp by the Chief Guest, Honorable Justice N. Santosh Hegde, Former Judge, Supreme Court of India and Former Lokayukta, Karnataka. Justice N. Santosh Hegde addressed the students on "Roles of Students in Protecting the Societal Values". He observed that human greediness is the root cause of all the societal problems leading to corruption and bribery.

He said the only way to overcome these issues is by having satisfaction with what we have without comparing our lives with others. He shared a few of his experiences handling social problems, being the Karnataka Lokayukta. Finally, he appealed to the students to teach human values to excel in life and always have a focus on the development of human society by leading a life with ethics and high morality. Shri. P Srinivas Tantry, Vice-President of Shri Sode Vadiraja Mutt Education Trust, presided over the ceremony. The Principal Dr. Thirumaleshwara Bhat, welcomed the gathering and highlighted the major accomplishments in academics and extra-curricular fields of the institute. Few parents shared their expectations on this occasion. Shri. Rathnakumar,



Secretary Shri Sode Vadiraja Mutt Education Trust, expressed his gratitude to the parents and students for having faith and confidence in the institution and assured them that the college and the management are bound to give the best education to the students. He shared the plans of the institution on heading towards being an autonomous institution. He shared the overall support the institution is providing for the placement activity and how it has improved over the years.

Honorable GC member, Shri. Harish Belman; Vice-Principal Dr. Ganesh Aithal and Shri. Rathnakumar was also present on the dais. Dr. Lolita Priya Castelino, HOD of Mathematics, introduced the chief guest Justice N. Santosh Hegde. Dr. Deepika B.V., First-year coordinator & HOD, Department of Civil Engineering proposed the vote of thanks. The Program started with an invocation by Mr. Abhishek Kini, a second-year student. Faculty members of the institution, Ms. Preethi, and Mr. Sachin Prabhu K, completed the Program. At the end of the ceremony Dr. Nagaraj Bhat, Dean, Academics gave a Prelude on rules and regulations to be followed by the students of the institute highlighting the various facilities available for the students to excel in their career.

Teachers' Day Celebration at SMVITM

The Teachers' Day celebration commemorated the birthday of Dr. Sarvepalli Radhakrishnan, a renowned figure in Indian history. During the event, the principal, Prof. Dr. Thirumaleshwara Bhat, highlighted the significance of quality education and the role of honesty in building a strong society. He urged students to adopt values that contribute to a better world.

The Chief Guest, Prof. K. Sadashiva Rao, Retired Principal of Poorna Prajna College, Udupi, emphasized the pivotal role of teachers in maintaining the essence of Indian civilization. He expressed that teachers should guide students with care and take responsibility for shaping the future, not just see their profession as a job. Prof. Rao shared real-life stories to inspire students and reinforce the importance of respecting teachers and parents. The event started with prayers by Manya, a second-year CSE student, and was hosted

by Kathyayini, a final-year CSE student. The program ended with fun activities and games for the faculty, making the occasion more lively. The program was organized by Co-curricular & Extracurricular cell.



Talk on “Exciting Space Mission nd Chandrayana-3

The Indian Society of Technical Education (ISTE), in collaboration with the IEEE Mangalore Subsection celebrated “National Space Day” with an enlightening invited talk on August 30, 2024 in the college premises. The event was organized to commemorate the historic success of Chandrayaan-3's lunar landing.

Prof. Ramesh Bhat, Convener of the Amateur Astronomers Club at Sri Mahaveera College, Moodbidri, delivered a compelling presentation on “Existing Space Missions and the Success of Chandrayaan-3.” He provided an in-depth overview of the Chandrayaan mission, which first launched in 2008, highlighting its landmark achievement of discovering water on the Moon an accomplishment that positioned India as the first country to make such a discovery. In his talk, Prof. Bhat also paid tribute to notable figures in space exploration, including Neil Armstrong, the first person to set foot on the Moon. He

honored the contributions of Indian space pioneers such as Kalpana Chawla, Rakesh Sharma, and Sunita Williams. Prof. Bhat poignantly concluded his presentation by recounting the tragic loss of Kalpana Chawla's space shuttle during its re-entry into Earth's atmosphere. The event was masterfully conducted by Ms. Shravya Tantry, a second-year student of Electronics & Communication Engineering student, with coordination by Ms. Shashikala R., ISTE chapter coordinator, and Mr. Sadananda L. from the IEEE Mangalore Subsection of SMVITM.



Staff Development Program on Software Installation, Upgradation and Troubleshooting



First phase of a one day Staff Development Program on "Software Installation, Upgradation and Troubleshooting" was held on September 9, 2024 organized by department of Computer Science and Engineering in association with ISTE faculty and student chapter for the Lab instructors and Lab technicians of SMVITM. Mr. Trivikram Rao, Retd.

System Executive - MAHE Health Science and Proprietor of Sys-Tech Computers, Manipal was the distinguished resource person for the event.

Mr. Rao shed light on various aspects of system and application software installation mechanisms. He commenced the session by providing a comprehensive overview on Operating System and dual booting process. He gave the practical insights on checking up of motherboard, Windows OS to Linux OS booting, identification and troubleshooting of bugs and minor hardware repair mechanisms. A fruitful interactive hands on session was conducted from 10.00 AM to 4.00 PM at CAED Lab of admin block. HOD of Computer Science and Engineering Dr. Soumya J Bhat Student, ISTE Coordinator for CSE Mr. Deepak Rao were present during the event. Welcome address and vote of thanks was done by Mrs. Preeti M. Assistant Professor (Sr), Department of CSE, SMVITM.

Karate Award for students of Bantakal Engineering College

The students have won the prizes in Visvesvaraya Technological university, State level Intercollegiate “Karate Tournament 2024” held at Bangalore Institute of Technology, Bangalore, on 26th September 2024. Ananya Bhat, Student of Artificial Intelligence and Machine Learning Department, won 2nd place in 55Kg category and Ria, Student of Electronics and Communication Engineering Department, won 3rd place in 60kg category.



World Suicide Prevention Day



The Counselling Cell, Aasare, of observed the World Suicide Prevention Day on 10 September 2024, with an awareness talk by Dr. Deepak Mallya, Psychiatrist, Dr. A. V. Baliga Memorial Hospital, Udupi, for their students and faculty members at the Institute. The World Suicide Prevention Day was established in 2003 by the International Association for Suicide Prevention in conjunction with the World Health Organization (WHO) and is observed on 10 September every year. The theme for World Suicide Prevention Day 2024 to 2026 is "Changing the Narrative on Suicide" with the call to action – "Start the Conversation". This theme aims to raise awareness about the importance of reducing stigma and to start encouraging people to have open conversation. We need to move from a culture of silence and stigma to one of understanding,

openness and support to prevent suicides. Starting off with statistics of suicides till the year 2019 by WHO and NCRB(the National Crime Records Bureau), Dr. Deepak Mallya, first created awareness of the number of people across the globe(28 Lacs people as per WHO 2019 figures) and India (nearly 1.4 lac people) who commit suicide by different means.

He spoke of various myths and facts related to suicide, the causes associated with students attempting suicide, like anger, stress, aggression, shame, guilt, depression along with other biological, neurochemical and environmental factors like bullying, isolation, loss of loved ones, relationship issues, etc. He also discussed various risk factors along with warning signs shown by victims much in advance through various actions, which should be paid attention to as a cry for help. Sharing some protective factors and strategies to prevent suicide, Dr. Mallya mentioned that these protective factors help to reduce negative thoughts and sense of loneliness, and offers a sense of support to help students to overcome overwhelming feelings and distress. The talk helped overall, to understand that by initiating these vital conversations, we can break down barriers, raise awareness, and create better a culture of support.

Talk on "Intelligent Actuators for Precision Control in Smart Factories"

Department of Mechanical Engineering in association ISTE student chapter and Institution's Innovation Council has organized an invited talk on "**Intelligent Actuators for Precision Control in Smart Factories**" on 20 September 2024 at 10.00 AM.

Mr. Vinay B U, Assistant Professor, Department of Mechanical Engineering, Sahyadri College of Engineering & Management, Mangaluru, was the resource person of the program.

The resource person briefed the audience regarding various opportunities for mechanical engineers in the present scenario and the challenges faced by the mechanical engineering graduates for being placed in

reputed organizations. Also, suggested the students to thoroughly learn the modeling and analysis softwares before the completion of the graduation.



Students won first Prize in "AVISHKAR"

Ms. Princia D'Almeida and Ms. Prerana A Shetty, 3rd year students of Computer Science and Engineering at Shri Madhwa Vadiraja Institute of Technology and Management, have won the first place in "AVISHKAR", an inter college idea pitching competition where the students from various colleges presented their innovative ideas. The event was organized by NITK Surathkal as part of their annual tech fest on 18th October 2024.

Inaugural Function of 36 Hour National Level Hackothsava - 2024

The inaugural function of Hackothsava 2024, a National-level, 36-hour Hackathon organized by the Department of Computer Science & Engineering in association with the Institution's Innovation Cell and Indian Society for Technical Education and IEEE Student Chapter was held on 11th September 2024 at college premises.

Dr. Tirumaleshwara Bhat, Principal of the college presided over the function and also inaugurated the event. He addressed the participants felt such events will help students to develop their leadership skills. He observed the participation of students across India and this will help in understanding the diverse culture of the nation. Finally, he appealed the student community to utilize this opportunity to improve their technical skills and make themselves industry ready.

Dr. Ganesh Aithal, Vice Principal of SMVITM was also present on the dais. Mr. Deepak Rao M, Assistant Professor, Department of Computer Science &



Engineering welcomed the gathering and gave a brief prelude to the event. Dr. Soumya J. Bhat, Head Department of Computer Science rendered the vote of thanks. Ms. Adithi Nayak from final year Computer Science & Engineering was the master of Ceremony for the program. Abhishek Kini led the event with his invocation. Forty teams across India with few internal teams will be participating in the event for a prize pool of INR One Lakh Rupee.

Valedictory Ceremony of Hackothsava 2024



The valedictory function of **Hackothsava 2024, a National-level, 36-hour Hackathon** from organized by the Department of Computer Science & Engineering in association with the Institution's Innovation Cell, IEEE and Indian Society for Technical Education was held on 13 September 2024 at college premises.

Mr. Durgadas Shetty, Co-Founder and CTO, Primesopic Technologies, Mangaluru was the Chief Guest of the program. During his address Mr. Shetty, spoke on the Technical benefits students get by participating in Hackathon. He related the technological advances in the ancient times quoting the examples of Upanishads and how it was achieved by the students participating in the Hackathon. Finally he appreciated the college management for organizing such knowledge sharing

event in the college campus. Shri Rathnakumar, Secretary, SSMVET was the Guest of honor for the event and he appreciated the department for organizing a national level Hackathon in the college and he said such events should be a platform to give solutions to the societal problems like fake call detections, fraud detections and cybercrime. Dr. Thirumaleshwara Bhat, Principal was the president of the program. He addressed the gathering and expressed the joy of hosting a successful program of this scale. advised to keep on organizing such programs regularly so as to benefit the student community.

Team "Scale-up" from Nehru institute of technology, Coimbatore was the Winner of Hackothsava 2024. The team received a cash prize of Rs. 40,000 along with a trophy, Second prize with a cash prize of Rs. 25,000 was won by "Team-7" from VIIT, Pune, Two teams, team "Octavian" from MIT, Manipal and team "Elson_circs" from Sri Sairam Engineering College, Chennai bagged the third prize with each team getting a cash prize of Rs. 12,000. "Team Yuga" from NMIET, Pune won the best innovative project award with a cash prize of Rs. 10,000. Mr. Deepak Rao M, coordinator of the event proposed the vote of Thanks, Dr. Soumya J Bhat, Head Department of Computer Science welcomed the gathering, Ms. Adithi Nayak, compered the program and Mr. Abishek Kini rendered the invocation.

Industrial Visit



Department of Mechanical Engineering in association Entrepreneurship Development Cell and Institution's Innovation Council has organized an industrial visit to KMF Udipi Dairy, Uppoor on 14 September 2024 at 10.00 AM. The students were exposed to the entire facility at the KMF Udipi Dairy right from the milk collection point to the dispatch of the final products including four varieties of milk, curd, buttermilk and ghee. The entire process including procurement of milk to the plant, collection of milk from the tankers, storage in silos, testing of milk samples, processing details for various milk products, control section, packaging, storage and dispatch were explained in greater by Mr. Rakshit Shetty, Marketing Assistant, Marketing Section

and Mr. Manoj Kumar, Admin Assistant, Engineering Section.

The students discussed with the resource persons regarding various aspects related to the processes and possible recruitment opportunities. The resource persons addressed the queries of the students making it a very good experience for the students.

The students of 2nd year Mechanical and Civil Engineering have attended the program. Faculty members of Mechanical Engineering Mr. Sudhir, Mr. Ravinarayan R Rao, Mr. Ananth Mohan Mallya and faculty member of Civil Engineering Mr. Madhusoodhana Rao N have accompanied the students. Departmental EDC/IIC Coordinator Dr. Bharath K Bhat was coordinated the program.



Engineer's Day Celebration

ISTE Student Chapter, organized a vibrant celebration of Engineers' Day at the institute premises on September 17, 2024, in honor of the 165th birth anniversary of one of India's greatest visionaries, Sir Mokshagundam Visvesvaraya. The event was held in the seminar hall of the Admin Block.

The program commenced with a traditional lamp lighting ceremony, graced by the Chief Guest, Er. Yogish Chandra Dhara from A.G. Associates, Udipi. In his inspiring address, Er. Dhara paid tribute to the immense contributions of Sir M.V. Visvesvaraya to the nation. He emphasized the core values that Sir Visvesvaraya embodied throughout his life—discipline, sincerity, and time management. He urged the students to adopt these qualities as guiding principles in their personal and professional lives. Concluding his speech, he advised the aspiring engineers to channel their collective efforts to achieve success and, in today's fiercely competitive world, strive to exceed expectations and seize every opportunity. Dr. Ganesh Aithal, Vice Principal,

delivered the presidential address, where he offered insightful advice to the students. He encouraged them to focus on "learning engineering rather than merely studying it," emphasizing the importance of deep understanding over rote learning. The event began with an invocation by Ms. Chithkala, a third-year CSE student, and the proceedings were skillfully anchored by Ms. Akshatha Rao, Assistant Professor in the Department of Electronics and Communication Engineering.



Tell me and I forget, teach me and I may remember, involve me and I learn.

- Confucius

Graduation Day 2024



Institute has organized 11th Graduation Day ceremony on 22 September 2024 at the college premises. Speaking on the occasion as Chief Guest Shri Lakshmiopathy Bhat, Senior Vice President, Global Marketing and Communication, Robosoft Technologies inspired the graduating students with his thoughtful words sharing his vast experience in the corporate world. He advised the graduates to adopt The Six Principles of Devotion, Honesty, Adaptation, Resilience, Masterfulness and Anticipation DHARMA in their life.

Shri L. N. Sheshagiri, Professor, First Grade College, Jayanagar, Bengaluru was the guest of honor for the function. He too motivated graduates with his words of wisdom starting with an explanation on different stages of a person's learning since the birth till he graduates to get a degree. He urged the graduates to know the purpose of the life and have patience to and resilience in achieving the purpose. He concluded his speech with an appeal to the students do any work by knowing the humanitarian values and needs of the society.

Shri Rathnakumar, Secretary, SSVMET, Udupi was also present on the occasion and addressed the gathering and appreciated the graduates and the parents for keeping the faith on the college during the tough times of COVID-19 breakdown and obtaining the degree through their commitment and dedication". Delivering the Presidential address His Holiness Shri Shri Vishwavallabha Theertha Swamiji of Sode Vadiraja Matha, encouraged the graduate to be prepared for the life ahead and achieve their purpose of life with a proper focus on their skill and not get deviated by distractions".

Prof. Dr. Thirumaleshwara Bhat, Principal of the college welcomed the gathering and wished the graduating students for a bright career ahead. The vice president of SSVMET, Shri P. Srinivas Tantry was present on this occasion

Ms. Raksha Nayak was felicitated on this occasion for receiving the University Gold medal from VTU, Belagavi. Mr. Sheikh Mohammad Shuhood was felicitated for being the first student from the college to receive the B.E. Degree with Honor's from VTU, Belagavi. Mr. Sheikh Mohammad Shuhood, Ms. G Akshatha, Ms. Nikitha Shetty and Mr. Ananth Suvarna were also felicitated with Gold Medals for being the Batch toppers from Civil, Computer Science, Electronics and Communication and Mechanical Engineering Branches respectively. Mr. Hrishikesh from (civil), Mr. Gajendra (CSE), Ms. Anusha (ECE) and Mr. Ananth Suvarna (Mechanical) were felicitated for being the Branch topper in their final semester of Engineering.

Dr. Sandhya, Dr. Divya Kumari, Dr. Ramakanth Puranik, Dr. Vrunda Bhat and Dr. Usha H were felicitated on competing the doctoral degree from the college departmental research centers. Along with them Mr. Vignesh Shet of "S. L. Shet Jewellery" was felicitated for sponsoring the gold medal for the B. E program toppers and Shri Nanda Kumar Innanje was felicitated for awarding cash prize to the final semester toppers from each branch of Engineering.

HODs of technical departments announced the names of the graduates and Dr. Nagaraj Bhat, Dean Academics announced the names of branch toppers who received the gold medals from the Swamiji.

Dr. Lolita Priya Castelino, HoD of Mathematics, introduced the chief guest. Dr. Subbulakshmi N Karanth, HoD of Chemistry, introduced the guest of honor. The Vice Principal, Dr. Ganesh Aithal, administered the Oath for the 11th outgoing batch of graduates. Ms. Akshatha Rao L and Mr. Mallya Ananth Mohan, Assistant Professor from the college compeered the program. Dr. Ravindra H J, HoD of Physics, delivered the vote of thanks. Ms. Chithkala rendered the invocation for the event. The event was concluded by the afternoon followed by the lunch.

App Master

The Co-curricular committee and Hobby Project Club organized a hands-on workshop for second & third-year students on Saturday, 28th September 2024, in the F103 lab, CSE Department.

Dr. Renita S Monis welcomed the students to the workshop and introduced the resource persons by briefing the workshop. Third-year students of the CSE department, Mr. Anuswar, Ms. Smitha, Ms. Shreelaxmi Kamath, Ms. Preona Dsouza, and Mr. Vishwas Bhat, served as the resource persons for the workshop. The workshop provided attendees with a comprehensive overview of Android app development, emphasizing its importance in the current tech landscape. Participants gained valuable insights into connecting with the concept of mobile technology, which inspired them to design and build apps.

Mr. Anuswar provided the introduction to Android app development through engaging presentations and interactive sessions. Ms. Smitha and Ms. Shreelaxmi Kamath engaged the students in a hands-on session with Java, facilitating a deeper understanding of

programming concepts. Ms. Preona Dsouza led the session on XML layouts in Android, helping students design user interfaces. Furthermore, attendees had the opportunity to gain hands-on experience by building a simple taskbar app, applying their knowledge practically. The workshop aimed to equip participants with the necessary skills and knowledge to effectively develop Android apps. The event was conducted by Co-curricular Coordinator Dr. Renita S Monis, Department of Mathematics. She highlighted the importance of the workshop and thanked the resource persons for their contribution to conducting the workshop.



Workshop on the "Internet of Things"



The Department of Electronics and Communication Engineering (ECE) in collaboration with the ISTE Student Chapter, organized a three-day workshop on the "Internet of Things" from September 17 to September 19, 2024, at the college premises. The workshop featured Mr. Shakeer Ahmad, Founder of RADAR Mangaluru, and Mr. Vinith K. Poojary, Co-Founder of RADAR Mangaluru, as the resource persons.

The inauguration of the workshop took place in the presence of Mr. Arun Upadhyaya, In-charge Head of the Department of Electronics and Communication Engineering, along with Mr. Shakeer Ahmad and Mr. Vinith K. Poojary. The Head of Department welcomed the guests florally and congratulated the students for their enthusiasm in participating in the workshop. He encouraged them to make the most out of the sessions. Mr. Shakeer Ahmad expressed gratitude to the college for providing students with opportunities

to learn beyond the standard curriculum. The program was compered by Ms. Ananya K, a seventh-semester student of the ECE department.

The workshop aimed to provide participants with valuable insights into the Internet of Things (IoT). Technical sessions covered the basics of IoT, including LCDs and sensors, allowing students to engage in project work based on their newly acquired knowledge. A hands-on session focused on web development equipped students with skills beneficial for their major projects. Additionally, non-technical sessions on startups, group discussions, and mock interviews offered students with guidance on placement opportunities. The workshop concluded with a valedictory program presided over by the In-charge Head of Department, during which participants provided positive feedback on the sessions. Certificates were awarded to the participants, and Mr. Arun Upadhyaya presented mementos to the resource persons as a token of appreciation. Ms. Sharanya G. V., a fifth-semester student of the ECE department, compered the valedictory program and delivered the vote of thanks. The event was coordinated by Ms. Chandana, ISTE Department Coordinator, with support from Mr. Arun Upadhyaya and Ms. Shashikala R., ISTE Secretary.

Education is the most powerful weapon which you can use to change the world.

-Nelson Mandela

"Swachhta Hi Seva Program"

The NSS-YRC Unit celebrated NSS Day and Gandhi Jayanti by organizing the "Swachhta Hi Seva Program" on October 3, 2024. Renowned social worker Vishu Shetty from Ambalapady graced the occasion as the chief guest.

Vishu Shetty emphasized the importance of cultivating humanitarian values alongside academic pursuits. Principal Dr. Thirumaleshwar Bhat, the program's president, highlighted cleanliness and social responsibility. Vice Principal Prof. Ganesh Aithal was also present.

As a token of appreciation, Mr. Rajesh, Assistant Warden, was felicitated for his selfless service to the institution. The program concluded with the distribution of food kits to all housekeeping staff, promoting the spirit of service and gratitude. Student Coordinators Manya Patkar and Priyadarshini



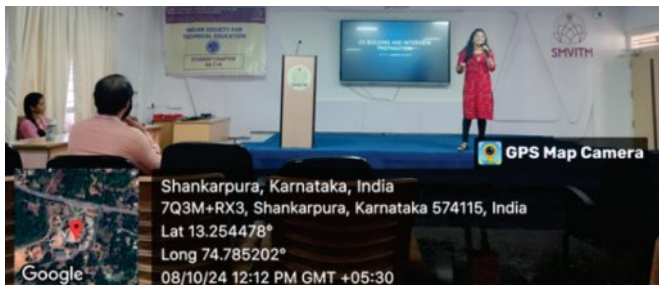
coordinated the event. NSS Committee Coordinator Prof. Sachin Prabhu extended the vote of thanks.

Talk on Career Opportunities in IT Sector

A talk on "Career Opportunities in IT Sector" held on October 8, 2024 organized by department of Computer Science and Engineering in association with ISTE student chapter and Alumni Cell was a valuable session for final year students aiming to crack interviews to grab highly paid jobs.

The distinguished speaker for the day was Ms. Jyothi J. Kamath, alumnus of SMVITM who works for LTI Mindtree Ltd. as Senior Software Engineer. The session shed light on drafting the resume, preparing of

CV and key difference among them. Ms. Jyothi commenced the session by highlighting the importance of communication skill and formal and informal approaches. Being an alumnus of the college and currently being an IT Professional, provided a unique perspective on how to prepare for upcoming interviews. She also conducted a mock interview session with frequently asked questions at the end for gave her valuable insights on it. Total seventy one students from final year attended the session. The event was held in the Admin Block seminar hall from 12.00PM to 1.30PM on 08th October 2024. Mr. Deepak Rao and Mr. Raghavendra Hegde, Sr. Assistant Professor(s), Department of CSE were present during the event. ISTE Student office bearer Ms. Kathyayini Kamath was the master of ceremony and coordinated the event. Final Year CSE student Ms. Apoorva gave the vote of thanks.



Ideathon-2k24

Co-curricular Committee, Hobby Project Club in association with IIC and EDC organized Ideathon-2K24 on 10th October 2024. The Ideathon was designed to foster creativity and collaboration among participants. Over the course of the event, teams brainstormed innovative solutions to specific challenges, engaging in workshops and mentorship sessions that enhanced their skills and refined their ideas. Throughout the Ideathon, students presented more than 40 innovative ideas, which were evaluated based on criteria such as creativity, practical application, social impact, and presentation quality. The culmination of the event showcased a variety of compelling project ideas, with the top teams presenting their concepts to a panel of



judges. Overall, Ideathon-2K24 not only sparked inspiration among participants but also fostered a sense of community and shared purpose. The event was coordinated by co-curricular coordinator Dr. Renita S Monis from the Department of Mathematics, who emphasized the importance of collaboration and thanked all resource persons for their valuable contributions.

NAAC Peer Team Visited SMVITM, Bantakal

National Assessment and Accreditation Council (NAAC) peer team has visited the institute on 16 and 17 October 2024 for the second cycle of NAAC accreditation. The team was chaired by Dr. Rajendar Singh Chillar, Pro-Vice-Chancellor of Om Sterling University, Haryana. Dr. Anand Kumar Pandey of Symbiosis Institute of Technology and Dr. Kishor Sukhantankar of Rathnagiri Sub-Centre of Mumbai University were the members of the team. The team has inspected the various infrastructure facilities and verified the documents of the institute. Also, interacted with the faculty/staff members, students, parents, alumni and employers.

The exit meeting of the NAAC peer team visit was held in the evening of 17 October 2024. In the exit meeting, the chairperson while addressing the faculty/staff members has appreciated the quality initiatives taken-up by the institute in the last five years. The chairperson has insisted to focus more on research



and suggested to take all measures to enhance the technical skills, logical skills and communication skills of the students. The team has handed over the report to the Principal, which contains the suggestions for the further upliftment of the institute. The Dean (Quality Assurance) has thanked the NAAC peer team and the attendees of the meeting.

World IEEE Day Celebration



Institute celebrated World IEEE Day on 7th October. Dr. Venugopala P. S., HOD, Department of AI-DS, NMAMIT Nitte, was the chief guest for the occasion. He inaugurated the program by lighting the ceremonial lamp. During his talk on the "Benefits of IEEE Membership," Dr. Venugopala emphasized the importance of global exposure that IEEE provides to students and faculty. He discussed various networking opportunities through IEEE conferences, workshops, and technical societies that connect members with professionals and researchers worldwide. Dr. Venugopala also encouraged students to take

advantage of the scholarships and grants that IEEE offers, and the free courses accessible to IEEE members. He stressed the importance of continuous learning and professional development through IEEE, urging everyone to participate actively in IEEE program to stay updated with cutting-edge technology trends. Dr. Thirumaleshwara Bhat, Principal expressed his sincere gratitude to the IEEE student branch team for their hard work in organizing the event in his presidential address. He mentioned the value of IEEE membership. He encouraged students to become members of IEEE to leverage the vast resources, mentorship programs, and leadership opportunities it provides. Dr. Sadananda L, institute IEEE coordinator, Associate Professor, Department of CSE, organized the program. The vice principal, HODs of all the department, faculties of various departments were present during the program. The program commenced with the prayer by Chithkala, third year CSE department. The Program was compered and presented a brief introduction of chief guest by Neola Princia D'silva, Final year CSE student.

MoU with NITK Siemens Center of Excellence in Digital Manufacturing

Department of Mechanical Engineering has signed Memorandum of Understanding (MoU) with NITK-Siemens Center of Excellence in Digital Manufacturing on 23 October 2024 at NITK campus.

NITK-Siemens CoE in Digital Manufacturing is established by NITK, Surathkal in collaboration with Siemens Pvt Ltd to with an intension to upgrade the skills of students as per the industry requirement. The

center consists of various facilities such as Product Digitalization Lab, Process Digitalization Lab, Factory Automation Lab, Mechatronics Lab, Prototype Lab and Advanced Analysis Lab. Also, the center offers various courses for the engineering students to upgrade their technical skills. Through this MoU, the students of Mechanical Engineering will get good opportunity to pursue various courses and internships offered by the



center. Also, the staff at the center have assured of guiding the students in carrying out their projects. In the MoU signing ceremony, HOD of Mechanical Engineering Dr. Raja Yateesh Yadav, faculty member of Mechanical Engineering Dr. Bharath K Bhat, Center In-Charge of NITK-Siemens CoE in Digital Manufacturing Mr. Arunachalam and student coordinator Mr. Royston Fernandes were present. The manager of 3D Engineering Automation LLP, Pune Mr. Hrishikesh Kolapkar has joined the occasion online.

Industry Visit to Navdurga Food Products Pvt. Ltd

Department of Mechanical Engineering in association Entrepreneurship Development Cell and Institution's Innovation Council has organized an industrial visit to Navdurga Food Products Pvt. Ltd, Nandikur on 23 October 2024 at 11.00 AM.

Navdurga Food Products Private Limited is a Private company incorporated on 27 October 2020. They are the manufacturer of cakes, canned fruits & chocolates. The outlets of Navdurga Food Products Private Limited are popularly called 'Ribbons & Balloons' spread across undivided Dakshina Kannada District

The students were exposed to the entire facility at the Navdurga Food Products Pvt. Ltd right from the preparation of the raw materials to the packing and dispatch of the final products. The students are demonstrated with the preparations of various cakes and other food products.



The students of 2nd year Mechanical Engineering have attended the program. Faculty members of Mechanical Engineering Mr. Aditya Kudva S, Mr. Sudhir and Mr. Ananth Mohan Mallya have accompanied the students. Departmental EDC/IIC Coordinator Dr. Bharath K Bhat was coordinated the program.

Industry visit to KARMIC Design Private Ltd

On October 30, 2024, Department of Electronics and Communication Engineering, in association with the Entrepreneurship Development Cell organized an insightful industry visit to KARMIC Design Private Ltd. in Manipal. Known as a leader in the semiconductor design and development industry. The visit to KARMIC Design Private Ltd. was an enriching experience for the

7th semester ECE students. It not only provided them with an overview of the semiconductor design industry but also highlighted the significance of their studies in real-world applications. The insights gained from Mr. Pavan Raj's presentation and the opportunity to interact with industry professionals will undoubtedly aid students in their future careers.

National Mathematics Day Celebration

The department of Mathematics in association with the faculty chapter of Indian Society of Technical Education (ISTE) organised an invited talk on 23 December 2024 on the occasion of "National Mathematics Day" to commemorate 137th birthday of the great Indian Mathematician Shri Srinivasa Ramanujan. Mr. Prashanth Beloor, Lecturer of Mathematics, Viveka P U College, Kota was the resource person.

He told that Mathematics teaches us, that every problem has a solution and sometimes it has got multiple solutions which can be applied to real life with a strong Mathematical base. Also, life is a Mathematics equation which teaches how to change negatives into positives and it will be applied from the preparation of tea to Science and Technology. He mentioned about the importance of the National Mathematics Day by saluting the great Indian Mathematician Shri Srinivasa



Ramanujan who gave Indian fame worldwide. The students who scored 100 marks in Engineering Mathematics were honored by the institution.

“Aasare” Counselling Cell Organizes Visit to Asha Nilaya, Udupi

Aasare, the Counselling Cell organized a heartfelt visit to Asha Nilaya, a school for specially challenged children in Shanthinagar, Udupi. The visit aimed to foster social sensitivity among students and offer them meaningful experiences in engaging with differently-abled individuals.

The visit was conducted by first-year students along with members of the Aasare Counselling Cell. Dr. Sadananda L and Ms. Yashaswini A. S. accompanied the students during the program, guiding them throughout the activities. The objective of the visit was to help students understand the challenges faced by the children of Asha Nilaya, conduct fun activities, motivate them, and distribute food. This experience also gave students an opportunity to reflect on their own privileges with a sense of gratitude. A group of 62 students and several faculty members participated in the event. The interactions between the students and



Asha Nilaya's children were heartwarming, with students actively engaging and forming friendly bonds. They performed an entertaining program, including songs, dances, and games, bringing joy to over 60 children from Asha Nilaya. For the faculty, the visit served as a humbling reminder of life's uncertainties and the importance of showing respect, compassion, and empathy toward others. The visit, organized by Aasare, reflects SMVITM's commitment to promoting community engagement and developing students into socially responsible individuals.

Invited Talk on “How to Write a Research Paper and Publish a Book Chapter”

Department of Electronics and Communication Engineering in association with ISTE Faculty Chapter had organized an invited talk on 09-10-2024 at 3.00pm in seminar hall (admin block). Mr. Chandra Singh, Assistant Professor, Department of Electronics and Communication Engineering, NMAMIT, Nitte was the resource person.

The agenda of the session was briefed at the beginning of the session. The importance of publishing a paper was explained in the beginning. Sir said, “You Are Rated by What You Produce, Not by What You Attempt,” publishing a research paper is crucial for establishing credibility, as researchers are judged by their results, not just their efforts. He highlighted on the key sections of a paper which include the title, which should be concise, and the abstract, a brief summary that helps readers to decide whether to read the paper, the introduction which explains the research topic, while the methodology which outlines the research approach, the results which include discussions, analysis and compared findings, and the



conclusion which summarizes key points and suggests the future work, the references which are essential to avoid plagiarism, and tools like Turnitin and iThenticate which helps with originality checks. Finally, author stated about the metrics like the h-index and g-index which measures the impact and citation. Sharanya GV, 5TH semester, ECE was the Master of the Ceremony. Mrs Shashikala, ISTE Secretary, Mr. Arun Upadhyaya, In-charge HOD, Department of Electronics and Communication Engineering, Ms Chandana, ISTE Department Coordinator were present during the event. The event was coordinated by Ms. Chandana, ISTE Department Coordinator with the support of Mrs. Shashikala, Secretary, ISTE.

Industry Visit to Deepthi Wire Industries



On December 02, 2024, the Department of Electronics and Communication Engineering (ECE), in collaboration with the Entrepreneurship Development Cell (EDC), organized an industry visit to **Deepthi Wire Industries**, Ankola. The visit provided a unique opportunity for students to understand the manufacturing processes behind nail production and explore the significant role of electronics in industrial automation.

MoU with Sectioninfin8 forge to establish an Incubation Centre



In a landmark collaboration aimed at fostering innovation and entrepreneurship institute has signed a Memorandum of Understanding (MoU) with Sectioninfin8, Mangalore, to facilitate the establishment of incubation facilities in the campus.

The MoU signing ceremony took place at the campus, attended by key representatives from both organizations, including Mr. Vishwas, Founder Director, Sectioninfin8, Mangalore; Dr. Shivakiran Makham, Director – Strategy and Planning, and Mr. Aravind C. Kumar, CEO, Sectioninfin8. The College management were mainly represented by the Secretary of SMVITM, Shri Ratnakumar, the Governing Council members - Mr. Jagdish Acharya, Chief Executive, Jade Head Managers & Associates, Mumbai and Mr. Harish Belman, Proprietor, Premier Investments, Udupi; the Principal, Dr. Thirumaleshwar Bhat; Vice Principal, Dr. Ganesh Aithal; Director –MBA, Dr. Suraj Francis Noronha; and Dean – Academics, Dr.

Nagaraj Bhat.

The agreement seeks to leverage the strengths of both institutions to create a robust framework for supporting startups and aspiring entrepreneurs among students, faculty members and external stakeholders over time. Under the terms of the MoU, SMVITM and Sectioninfin8 will collaborate on various initiatives, including Awareness & Training Programs, conducting a series of workshops on design and innovative thinking, business development, and entrepreneurial skills, guided by industry experts and mentors, supporting Startup Funding and Mentorship and more. The MoU marks the beginning of a promising collaboration aimed at elevating the standards of higher education and fostering a thriving entrepreneurial ecosystem in this region. Both parties are optimistic that this partnership will lead to the creation of successful student startups and drive innovation within the educational framework.

Value Added Program on “Introduction to Hypermesh and ABAQUS”

The Department of Mechanical Engineering in association with ISTE student chapter has organized 30 hours of Value Added Program on “Introduction to Hypermesh and ABAQUS” for the benefit of 2nd and 3rd year students of Mechanical Engineering on 05, 06, 07, 08 and 09 November 2024. Dr. Puneeth M L, Lead Engineer, General Electric, Bengaluru was the resource person of the program.

The resource person is was having lot of experience in the aerospace industries. In the first two days, the resource person has introduced the students to FEM, importance of meshing tools and meshing complex geometrical structures using hypermesh along with hands-on sessions. In the next three days, the resource person has taught the students regarding the usage of ABAQUS analysis software for solving various structural analysis problems. Also, the resource

person has thrown light on the usage of ABAQUS for thermal and fluid flow analysis. The resource person has distributed the certificates to the students on successful completion of the program. Senior faculty member in the department Dr. Madhukara Nayak has handed over letter of appreciation and honorarium to the resource person. Dr. Bharath K Bhat from the Department of Mechanical Engineering was the coordinator of the program.



The roots of education are bitter, but the fruit is sweet. — Aristotle

Parent - Teacher Meet

Institute organized Parent - Teacher meet at the institute premises on 23rd November 2024. The major objective of the program was to make the parents aware of the academic aspects of the B. E. course, to make them aware of the rules and regulations of the Institute and ensure parental participation in monitoring the performance of the students and contributing to the overall growth of a student by guiding and supporting them.

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Dr. C. K. Manjunath, head of Training and Placement, spoke on Nurturing Success: The Role of Parenting in Shaping Responsible and Resilient Engineering Students. He gave a detailed report on placement facilities provided by the college. He advised students to prepare properly for the placement. In his Presidential address Prof. Dr. Thirumaleshwar Bhat, Principal, welcomed the gathering and briefed about the program. He



emphasized that students are the greatest asset of the college. He appealed to all the students to use the facilities in the college in the best manner to excel in their career and have a holistic learning during their stay in the college. Students should have high aims, cultivate good habits, abide by the rules, have good vision and should strive hard to achieve their set goals and parents should join hands with the institute to encourage the students to think, work and progress in the direction of Innovation. Principal has informed that our college is attaining autonomous status in the coming days and also listed the benefits of becoming an autonomous institute. The program started with invocation by Ms. Sharanya Tanthry, student of 1st semester CSE and the Programme was compered by Ms. Sthuthi, dept of Basic Science. The program was coordinated by student welfare officer Dr. Raviprabha K.

Students Gets Prizes in “DEVHOST -2024”

The students have won the prizes in “DEVHOST.2024”, held at Sahyadri College of Engineering & Management, Mangaluru, on 9th November 2024. Mr. Shreekiran Bhat, Mr. Suraj Bhagavath, Mr. Sathwik S Bhat, Mr. U Pradyumna, second year students of Artificial Intelligence & Data Science and Ms. Anjali, second year student of Artificial Intelligence & Machine learning won the 1st place and Mr. Pavan R Gond, Ranjan Poojary, Mr. Vishwas Bhat, Mr. Vijetha, final year students of computer Science & Engineering and Mr. Shreeharsha Gunaga final year student of Electronics & Communication won 3rd place in Line Follower competition. Total of 27 teams from across Karnataka participated in this competition.

Mr. Tejas Nayak and Mr. Swasthik Yesh, second-year students of Computer Science, along with Mr.

Poornanda, a second-year student of Artificial Intelligence & Machine Learning, won 2nd place in Hacknight 2024 (24 hours Hackathon), where a total of 120 teams participated and for the final round total of 30 teams were selected.

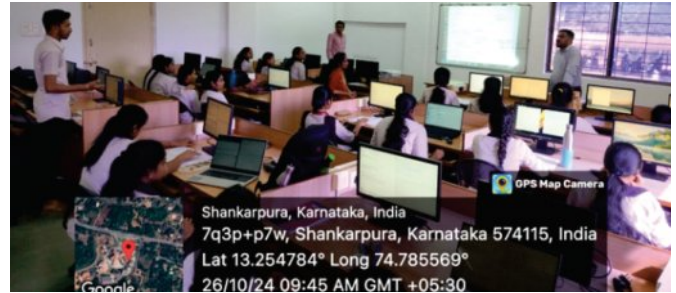


An investment in knowledge pays the best interest. — Benjamin Franklin

Workshop on “Python Programming”

The Department of Electronics and Communication Engineering (ECE) in collaboration with the ISTE Student Chapter, Co-curricular cell and Technocrats club of ECE Department had organized a three-day workshop on the "Python Programming" from October 24 to October 26, 2024, at the college premises. The workshop featured Mr. G K Bhat, Ms. Sahana and Mr. Saiprasad from Kakunje Software Mangaluru, as the resource person. The inauguration of the workshop took place in the presence of Dr. Shilpa Kamath S, Associate Professor from the Department of Electronics and Communication Engineering, along with Ms. Sahana. Dr. Shilpa Kamath S welcomed the guest florally and congratulated the students for their enthusiasm in participating in the workshop. She encouraged them to make the most out of the sessions. Ms. Shravya Thantry, a third-semester student of the ECE department, was the master of the ceremony.

The workshop aimed to provide participants with valuable insights into Python Programming and its practical applications. The session commenced with an introduction to Python programming, which motivated students to delve deeper into the realm of Python programming. The hands-on sessions primarily focused on writing code for an ATM machine



and a hardware project on ESP32, equipping students with skills beneficial for their major projects. The workshop concluded with a valedictory program presided over by Mr. Arun Upadhyaya, In-charge Head of ECE Department, during which participants provided positive feedback on the sessions. The In-charge HoD thanked Kakunje Software for conducting the workshop which benefitted students to learn beyond the curriculum and presented gratitude letters to the resource persons as a token of appreciation. Ms. Shravya Thantry, a third- semester student of the ECE department, was the master of the ceremony for the valedictory program and delivered the vote of thanks. The event was coordinated by Ms. Chandana, ISTE Department Coordinator, with support from Mr. Arun Upadhyaya, Mrs. Shashikala R., ISTE Secretary and Mr. Sandeepa Prabhu, Assistant Professor, from the Department of ECE.

“Constitutional Values: Shaping India's Future”

Department of Basic Science in association with NSS cell organized a session on “Constitutional values: shaping India's future” on 20-11-2024 at 3pm in the seminar hall of the admin block by Dr. P Anantha Krishna Bhat, Retd. Professor, Canara College, Mangalore was the resource person.

Renowned expert Dr. P. Anantha Krishna Bhat delivered an enlightening session on constitutional values, emphasizing their significance in shaping India's democratic society. The session underscored the importance of safeguarding constitutional principles, ensuring the integrity of democratic institutions, and promoting social cohesion. Dr. Bhat highlighted the core values embodied in the Indian Constitution, including sovereignty, socialism, secularism, democracy, justice, liberty, equality, and fraternity. The session emphasized the Constitution's role in safeguarding citizens' rights and freedoms, ensuring the government adheres to democratic principles. Dr. Bhat discussed recent challenges to constitutional values, such as judicial overreach and subjective interpretations, and outlined steps for effective realization, including comprehensive definitions, objective standards, and active citizenship. The session concluded with a call to action,



emphasizing the collective responsibility to safeguard constitutional values and ensure India's democratic progress. His expertise and insights provided a understanding of the constitutions significance in shaping India's future. Principal Dr. Thirumaleshwara Bhat, Dean Academic Dr. Nagaraj Bhat were presiding over the function and appreciated for conduction of such kind of useful program for the benefit of the students. The session was very much interactive and the students were actively participated. Ms. Preethi, Assistant professor, Department of Computer Science and Engineering compered the session. More than 200 students and also faculty and staff of SMVITM were present in the program.

Industry Visit to KARMIC Design Private Ltd

On November 27, 2024, the Department of Electronics and Communication Engineering in collaboration with the ISTE Student Chapter and the Entrepreneurship Development Cell, organized an engaging industry visit to KARMIC Design Private Ltd., Manipal. Renowned as a leader in the semiconductor design and development industry, KARMIC provided students with a remarkable opportunity to experience the real-world applications of their academic knowledge. The visit enriched students with knowledge about layout design, gate design, and operations within leading semiconductor companies like AMD and Qualcomm. Overall, it was an inspiring and informative experience that strengthened their

understanding of the practical aspects of their field. Such initiatives reflect SMVITM's commitment to bridging academia and industry, equipping students with the skills and insights needed to excel in the ever-evolving electronics and communication sector.



Outreach Program on 'An Introduction to IoT'

The Department of Electronics and Communication Engineering (ECE) organized a Outreach Program on 'An Introduction to IoT' on 18 November 2024, in response to a formal request from the Govt. PU college students and faculty of Bailur College at the our college premises.

The technical session on "Introduction to IoT" was conducted by Mr. Chetan R, Senior Assistant Professor, The Department of Electronics and Communication Engineering, SMVITM. The program concluded with a valedictory program presided over by the In-charge Head of Department, during which participants provided positive feedback on the sessions, and the In-charge HoD presented mementos

to the resource persons as a token of appreciation. Mr sachin prabhu Senior Assistant Professor of the ECE department, compered the valedictory program and delivered the vote of thanks. The event was coordinated by Mr. Sandeepa Prabhu, Assistant Professor of the ECE department.



Counseling Cell Organizes Visit to Asha Nilaya Rehabilitation Center in Udupi



The Counseling Cell Asare, organized a visit to Asha Nilaya, a residential school and vocational rehabilitation center for children with special needs, located in Udupi. The first-year students of Section A had the opportunity to interact with the children at the center, fostering a sense of empathy and connection. During the visit, the students entertained the children by performing lively dances, singing songs, and organizing fun games. The children were overjoyed to

participate, making the day both joyful and memorable for everyone involved. The program was designed to sensitize students to the lives of children with special needs, emphasizing the importance of supporting and including them in society. It served as an enriching experience, showcasing the vital role

these children play in our community and the need for compassion and understanding. The Principal of the College, Dr. Thirumaleshwara Bhat, appreciated the effort and acknowledged the significance of such initiatives in broadening the students' perspectives and nurturing their social responsibility. The program was coordinated by Ms. Vidya Bhat, Dr. Subbulakshmi N. Karanth. and Dr. Deepika B. V.

ATL Mentoring Session

On 02nd December 2024, a team of 3 students conducted an Ardiunio workshop on IoT Applications at Government P.U. College - High school section, Bailur, Karkala, Udupi dist. as a part of ATL mentoring activity. Mentors gave the insights on arduino programming. They explained about arduino configuration, connecting various components like LED, Buzzers, Servo motors, different sensors etc to it and demonstrated the building of different project models. They also explained the features and usages of Tinker CAD in building the application models. Students namely Pratham L Kamath (4MW21AD038), Nishitha B Rao (4MW21CS059), Keerthana S. Hebbar(4MW21CS038) were participated as mentors/resource person for the event. ATLs are established to help the youth for skill development



and learn about STEM (Science, Technology, Engineering and Maths); established by Government of India. Mr. Raghavendra I. Hegde, Sr. Asst. Professor, Dept. Of CSE, SMVITM was the event coordinator. Principal, teaching and non-teaching staff of Government P.U. College - High school section, Bailur, Karkala was cooperated for the smooth conduction of the event.

Blood Donation Camp

The National Service Scheme (NSS), Youth Red Cross Wing and Rotaract Club, NCC Unit, Indian Red Cross Society Blood Bank, HDFC Bank Udupi and Red Ribbon Club Udupi jointly organized Voluntary Mega Blood Donation Camp on on December 3, 2024, from 9:00 am to 1:00 pm in the college premises. The event saw enthusiastic participation from college students and faculty members, who came together to donate blood to the Red Cross unit, Kundapura.

Indian Red Cross Society Chairman Dr.Jayakar Shetty, inaugurated the blood donation camp by lighting the lamp.He was highlighted the importance of donating the blood. The blood donation camp was a huge

success, with around 150 students and faculty members participating in the event and approximately 110 units of blood collected from the donors. The event was organized to promote awareness about the importance of blood donation and to encourage students and faculty members to contribute to this noble cause.



E-Waste Collection Drive: A Step for the better Environment



A highly impactful E-Waste Collection Drive was organized by NSS-YRC Unit on 23rd November 2024 to 10th December 2024, aiming to promote responsible e-waste disposal and environmental sustainability.

The drive witnessed an overwhelming response from Faculty, staff and students, with over famous 300 kilograms of electronic waste, including old mobile phones, laptops, chargers, and other gadgets, collected during the event. The e-waste will be handed

over to certified recycling agencies for environmentally safe processing. Dr. Tirumaleshwar Bhat, Principal inaugurated the drive and emphasized the importance of proper e-waste management in combating pollution and conserving natural resources. The event also featured awareness sessions on e-waste hazards, encouraging participants to adopt sustainable practices. "E-waste poses a significant environmental threat if not managed correctly. This initiative aims to create awareness and provide a platform for responsible disposal," said Mr.Sachin Prabhu K, NSS Institutional coordinator. The drive was supported by volunteers from NSS-YRC unit Mr.Satvik Bhat, Ms.Annapoorna, Ms.Vishrutha, Mr.Arjun and others who played a vital role in spreading the message and assisting with the collection. Participants expressed satisfaction at being part of a cause contributing to a greener future.

Students won prizes in National-Level Technical Symposium "PLASMA 2K24"



The students have won prizes at "PLASMA 2K24," a prestigious national-level technical symposium hosted by J N N College of Engineering, Shivamogga, on December 6th and 7th, 2024.

Mr. Tejas Nayak, a second-year student of Computer Science & Engineering; Mr. Bhushan Poojary, a second-year student of Artificial Intelligence & Data Science; and Mr. Poornanda and Mr. Shivam Shetty, both second-year students of Artificial Intelligence & Machine Learning, secured first place in the "Code-Spirit" Hackathon. This 7-hour coding challenge witnessed participation from 72 teams nationwide. After rigorous preliminary rounds, only 16 teams advanced to the finals, where SMVITM's team exhibited exceptional skill, innovation, and teamwork.

VTU Mangalore Zone Throwball Tournament (Women) 2024



The VTU Mangalore Zone Throwball Tournament (Women) 2024 was successfully conducted at SMVITM, Bantakal, showcasing exceptional sportsmanship and enthusiasm among participants from various colleges of Mangalore region. The event was inaugurated with grandeur at the college ground. The Chief Guest for the occasion was Dr. Prathibha R, KAS, Tahsildar and Taluk Magistrate of Kaup Taluk, Udupi District. The Guest of Honor was Shri Harish Belman, Honorable Governing Council Member of SMVITM, and the program was presided over by Dr. Thirumaleshwara Bhat, Principal of SMVITM.

Addressing the gathering, Chief Guest Dr. Prathibha emphasized the vital role of physical education in fostering holistic development. Reflecting on her personal experiences, she also highlighted that a woman, despite balancing multiple roles in her life, can achieve her goals through unwavering perseverance and determination. She also emphasized how challenges and struggles can

transform into blessings, paving the way to achieving one's goals. She applauded the enthusiastic participation of women athletes and encouraged them to value the learning and memories gained through such events over mere victories. Dr. Prathibha also praised SMVITM for organizing the event and wished all participants success.

In his presidential remarks, Dr. Thirumaleshwara Bhat inspired the participants to consider Dr. Prathibha as a role model and urged them to aim high in their future endeavors. He extended his best wishes to the teams, encouraging them to play with a spirit of sportsmanship. Total nine teams from various engineering college of Mangalore zone affiliated to Visvesvaraya Technological University participated in the tournament. The student of Sahyadri College of Engineering and Management won the first prize and St. Joseph engineering college secured the runner-up prize. Dr. Thirumaleshwara Bhat, gave away the prizes for the winning teams. Mr. Paul Suraj, Physical Education Director were present during the event.



Peer Learning Session on “Placement Opportunities in Core Companies and Project Ideation”



Department of Electronics and Communication Engineering in association with ISTE Student Chapter and Placement Cell had organized a Peer Learning Session on 06-12-2024 at 11:00 a.m in Admin Block Seminar Hall for Pre-Final Year ECE students.

The Final Year Students from the ECE Department were the resource persons. Mr. Dhanush Kumar started his talk by sharing the experience about his placement drives at Juego Studios and Cadence. He explained in detail about the different rounds of interview process.

And at the end, he briefed about his project “Protobells” which is an automatic bell system with the help of the 3D model. The session was continued by Mr. Shashank G who is placed in Mirafrate Technologies. He and Mr. Harshith Acharya shared their experiences about the drive and different rounds of interview process. Later the session was taken over by Mr. Kashyap H Hebbar, who shared useful information regarding his placement drives at Mirafrate Technologies and Sophrosyne Technologies. At the end, Mr. Vinayachandra gave in depth information about his project “Cognito” which is an Artificial Intelligence based system for assisting visually impaired and students. Dr. Shilpa Kamath S, Associate Professor, Department of ECE thanked the resource persons and distributed the thanks letters as a token of gratitude. The event was coordinated by Ms. Chandana, ISTE Department Coordinator and Ms. Yogeshwary B H, Department Placement Coordinator with the support of Ms. Shashikala, Secretary, ISTE and Mr. Arun Upadhyaya, In charge HOD, Department of ECE.

Recent Innovations in Energy Conversion, Conservation and Storage

Department of Mechanical Engineering of Shri Madhwa Vadiraja Institute of Technology and Management in association with Institution's Innovation Council and ISTE student chapter has organized an invited talk on “Recent Innovations in Energy Conversion, Conservation and Storage” on the National Energy Conservation Day on 14 December 2024.

Dr. Arun Kumar H S, Associate Professor in the Department of Mechanical and Industrial Engineering, MIT, Manipal was the resource person of the program. The students of Mechanical Engineering have



attended the program. HOD of Mechanical Engineering Dr. Raja Yateesh Yadav and other faculty members were present in the program. Dr. Bharath K Bhat was coordinated the program and Mr. Ananth Mohan Mallya was compeered the program.

Cleaning Drive



The NSS-YRC unit organized a massive beach cleaning drive on the occasion of National Pollution Control Day on December 1, 2024, from 7:30 am to 9:30 am near Malpe Beach Sea Walk surroundings. The event saw enthusiastic participation from over 150 students and faculty members, who came together to clean up the

beach and promote environmental awareness. The beach cleaning drive was organized under the guidance of Department NSS Coordinators Mr.Raghunath,Mr.Jayaram Nayak, Ms.Reshma and „Ms.Babitha Poojai The students collected approximately 35 bags of litter, including plastic waste, glass bottles, and other non-biodegradable materials. The event aimed to highlight the importance of keeping our beaches and environment clean. The students were educated about the harmful effects of pollution and the need to adopt sustainable practices to protect the environment.

ACHARYA – 3 Day Faculty Development Program on Innovation and Entrepreneurship



The SMVITM Incubation Centre, in collaboration with the Entrepreneurship Development Cell and Institute

Innovation Council inaugurated a 3 day FDP from 16 to 18 December 2024 on Innovation and Entrepreneurship. The Chief Guest for the inaugural function was Dr. Chandramouli, CEO, Atal Innovation Centre – Sri Krishnadevaraya University, Ananthpur, A.P, along with other dignitaries on stage, who included Mr. Vishwas, Director, SI8, Mangalore, Mr. Harish Belman, Governing Council Member, SMVITM and Dr. Thirumaleshwar Bhat, Principal, Another expert resource person included Dr. Shivakiran Makam, Director, Planning and Collaborations, SI8, Mangalore.

International Conferences CISC-2024, MEEMS-2024 and Student Symposium



Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), renowned for its dedication to academic and societal growth, proudly hosted the International Conferences on Materials, Energy, Environment & Manufacturing Sciences (MEEMS-2024), Computational Intelligence and Smart Communication (CISC-2024) and Student Symposium on December 20, 2024.

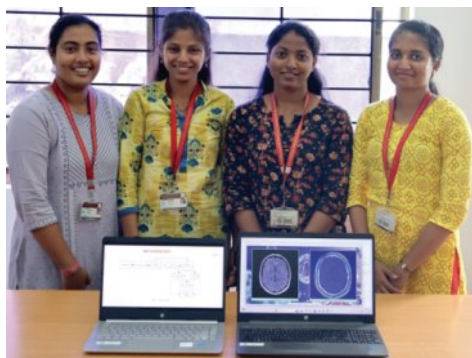
The inaugural ceremony commenced with an invocation by Ms. Sowmya, Assistant Professor (Senior Grade), Department of Computer Science and Engineering. Dr. Thirumaleshwara Bhat, Principal of SMVITM, delivered the prelude to the conferences and extended a warm welcome to the gathering.

Dr. Manjunatha S., Assistant Professor (Senior Grade), Department of Mechanical Engineering, introduced the Chief Guest, Dr. K.C. Gouda, Senior Principal Scientist at CSIR-4PI, Bengaluru. In his inaugural address, Dr. Gouda emphasized the importance of conferences in addressing global challenges such as sustainability, energy efficiency, and technological innovation. He highlighted that they foster impactful research and drive meaningful solutions."



Conference successfully concluded its two-day International Conference and Student Symposium on December 21, 2024. The Chief Guest, Dr. U.C. Niranjana, Director of Research and Training at Manipal Dot Net Pvt. Ltd., graced the event with his enlightening address.

Project Exhibition



Co-curricular committee & Hobby project club in association with ISTE student chapter & Institute Innovation Council of SMVITM organised the Final Year student Project Exhibition in the institute premises on 23rd December 2024.

The exhibition was organised separately for the students of their respective departments. 5 projects from Mechanical Engineering, 23 projects from Electronics & Communication Engineering, 4 student's Projects from Civil Engineering, 33 projects from Computer Science & Engineering, 15 projects from Artificial Intelligence and Data Sc & Artificial Intelligence and Machine Learning each were exhibited at the department.



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