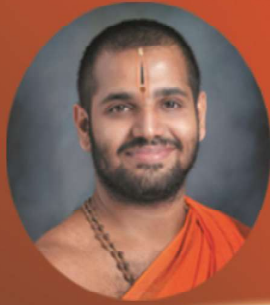# Samsmruthi

College Newsletter

SMVITM

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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, Belagavi

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.

ALUMNI TALK BY Mr. V K RADHEYA

The Department of Electronics and Communication Engineering in association with Alumni Cell organized alumni interaction by Mr. V K Radheya (2015-2019 ECE Batch) on 03 October 2019. The final year students of ECE department were the beneficiary of this program.

In the view of upcoming placement activities to be held in our college and all the pool-campus drives, Mr.V K Radheya held around one hour session, and shared his experience and knowledge in the area of C and C++ programming. Mr. Radheya began the session by explaining the pattern of question paper in Wipro. He discussed ten programs, explaining the significance of each, and revealed some short cuts and tricks to solve the problems efficiently. He stressed the importance of in-campus placements compared to off-campus drives. He gave suggestions on how to apply and grab the opportunities wherever possible. He also talked about the etiquette to be followed while appearing for interviews, and answered the queries from the students.

Ms. Pooja Nair welcomed the gathering and introduced speaker to the audience. Dr. Balachandra Achar, HOD, thanked the speaker and presented the memento. Ms. Sowmya Bhat, Assistant professor, Ms. Rajashree Nambiar and Ms. Shareen Noronha, Assistant professors and Department Alumni Coordinators from the Department of ECE coordinated the event.

KEYBOARD MASTER

IEEE Student Branch and CodeTroopers club organized an event called Keyboard Master on 30 September 2019 at institute premises. The event comprised of two rounds namely Elimination and Finals.

First Place was secured by Mr. Yahya Asadi and the Second Place was bagged by Mr. Mahith Hegde.

Technical Support and Monitoring was given by Mr. Manoj T, Assistant Professor, Department of CSE.

INVITED TALK ON "ENTREPRENEURSHIP"

The Women Empowerment Cell organized an invited talk on "Entrepreneurship" for students of SMVITM on 04 October 2019 in Seminar Hall 3 of library block. Ms. Rovina Britto, Founder of Kameron Studios and owner of Munch box restaurant at Kadri was the resource person. Rovina motivated students to choose their career carefully by continuously working on developing their strengths and overcoming their weaknesses. She suggested the youths to develop their own USP, Unique Selling Point along with engineering. Rovina also highlighted on the importance of creativity, intrapreneur and skills essential to raise a new generation of entrepreneurs who think out of box and be successful in life. 95 students and members of Women Empowerment Cell actively participated in the session.

ALUMNI TALK BY Mr. RAJATH & Ms. MEGHA SAMAGA

The alumni interaction activity by Mr. Rajath and Ms. Megha Samaga (2015-2019 CSE Batch) was arranged by the Department of Computer Science and Engineering in association with Alumni Cell and ISTE on 05 October, 2019. The students of final year of CSE department were the beneficiary of this program.

Mr. Rajath is currently working as Trainee Software Engineer in Juego Studios, Bengaluru. He conducted session on trending web technologies that are helpful in projects. He demonstrated advanced topics related to server, 3D graphics, game development, domains etc. He gave demos on LokiJS, Infinityfree, Poly, freenom, Firebase, MongoDB, VSCode, Bootstrap, Materialize, three.js, Aframe, webpack, Cocos, PlayCanvas WebGL, react, ar, material-UI etc. At the end he also told about Google Developers Training and importance of getting course done from it.

Ms. Megha Samaga is currently working as Project Engineer in Wipro Ltd., Mysuru. She shared her work experience in Wipro. She briefed about AMCAT exam and opportunities available through it and how to face interview. She spoke about how experience in engineering life helps in coping up with corporate life. She stressed upon importance of co-curricular/ extra-curricular activities also importance of listening to lectures/training and how it helps in while facing exams. Also she talked about current trends and importance of grabbing the opportunities wherever possible.

Ms. Tejaswini H welcomed the gathering and introduced speakers to the audience. Dr. Vasudeva, HOD, Department of CSE thanked and presented the memento to the Guest speakers. Mr. Deepak Rao M, Ms. Tejaswini H and Ms. Ramyashree, Assistant professors and ISTE/Department Alumni coordinators, Department of CSE, coordinated the event.

technology, mobile phone, voice commands, neuro senz band, and detection of obstacles using ultrasonic sensor. Earlier, Associate Professor and Coordinator of the program Mr. Nagaraja Rao welcomed the resource persons and briefed about the objectives of the workshop. Vice Principal Dr. Ganesh Aithal advised the students to make the best use of the workshop and come out with products that are useful to the society. Head of the department Dr. Balachandra Achar proposed the vote of thanks.

ROBOTIC DESIGN WORKSHOP

The department of E&C Engineering, in association with ISTE Student Chapter and EdGate Technologies Pvt. Ltd. Bengaluru, organized a three days hands-on workshop on "Robotic design using TI RSLK" from 3 to 5 October 2019 in the institute premises. Sixty eight students participated in this Texas Instruments University certified workshop and enriched their knowledge and skills. Senior Application Engineer Mr. T. S. Balaji and Embedded Systems Engineer Mr. R. Bharath from EdGate conducted the workshop.

The workshop was designed for students who want to sharpen their design and development skills on MSP tools and was based on the advanced development tools from Texas Instruments such as TI-RSLK kit and TI Energia software. During the workshop, the students designed and implemented many applications the robotic kits such as controlling a robotic vehicle using Bluetooth

ANDROID APPLICATION DEVELOPMENT

The Department of Computer Science and Engineering in association with IEEE Student Branch and ISTE student chapter of SMVITM Organized a two day workshop on 'Android Application Development' on 04 and 05 October 2019 in Central Computing Center. Students of 5th semester CSE, Mr. Deepak Nayak, Mr. Ullas, Mr. Shetty Sourabh and Mr. Faheem Ahmad were the

resource persons for workshop. 37 Students of 5th semester CSE actively participated in this two days hands-on workshop.

On day one the participants were guided through installation of required software and were introduced to some basic app development technics using Android Studio. On the first half of day two, database connectivity, UI designs were clearly explained. In the afternoon session, students were involved in an app development competition and all students enthusiastically participated in the event. It was a great learning experience for the 5th semester CSE students to be part of this learning activity.

The program was coordinated by Mr. Deepak Rao M, institution ISTE coordinator. The overall planning and guidance was given by the Head of the Department of CSE, Dr. Vasudeva.

ALUMNI TALK BY MR SANJAY J

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

Mr. Sanjay, Project coordinator, PERI India Pvt. Ltd. begun with his emotional attachment with the campus and his reality check on the field. He went for an internship at PERI construction the very next day he got graduated there he went through training for one and a half months.

He guided students about construction industry in India, Qualifications of a good civil engineer, Campus placements, and availability of jobs in construction industry, Exam preparation tips and how to face exams easily. He also elaborated about the various career streams available after graduation such as Private, Government and public sectors, Higher education options as MBA, M.Tech, research options etc.

VISIT TO NEW MANGALORE PORT TRUST AND THUMBE VENTED DAM

Department of Civil Engineering in association with ED cell had organized an industrial visit to New Mangalore Port Trust, Mangalore and Thumbe Vented dam, Valavoor, Thumbe on 04 October 2019. The trip was organized for third year students of Civil Engineering department. The first visit was to New Mangalore Port Trust where students visited various berths of the port and Ms.Sushma, NMPT Security officer explained students various components of the port, how the port works and its process.

Second visit was to Thumbe vented Dam where incharge officer Mr.Sudhakar explained students the various components of dam and students witnessed how the water is released through gates to maintain the level in the reservoir. Next students visited pump house and later were taken to water treatment plant in which incharge explained students how the water is pumped from dam site to treatment plant and the various process of purification of water and how the purified water is supplied to Mangalore.

TALK ON "ENDURANCE ULTRA CYCLING"

The National Service Scheme (NSS), Youth Red Cross (YRC) and Rotaract Club (RC) under Fit India Movement organized the Talk on "Endurance Ultra Cycling" 11 October 2019 in the college premise. Mr. Narayan Nayak, Assistant professor, Department of Mechanical Engineering, SMVITM Bantakal was the resource person for the program.

Mr. Narayan Nayak has completed India's toughest 600km Brevet (a long distance endurance cycling competition) in 40 hours. In addition to participating in a large number of such competitions he is also an extremely enthusiastic cyclist who endows his fitness to the long distance that he has racked up on his bicycle.

In his address he has spoken on a number of salient points regarding cycling and ultra-cycling. He also guided the gathering by giving detailed information about how to face difficult situations in long endurance cycling without losing hope. He also shared the information about how to lead a happy and quality life by maintaining the fitness of the body.

Institutional NSS/YRC/RC Coordinator Mr. Kishor Kumar Aroor and other departmental coordinators, Heads and staff members from various departments and all the office bearers of NSS/YRC and RC were present on the occasion. The program was compered by Ms. Akshatha P Upadhya.

THREE DAYS ENTREPRENEURSHIP AWARENESS CAMP

Entrepreneurship Development cell of the Institute with support from Department of Science and Technology, Government of India, Entrepreneurship Development Institute of India, Ahmadabad organized three-days Entrepreneurship Awareness Camp from 21 to 23 October, 2019. The program was inaugurated on 21 October, 2019 in the seminar hall of the institute.

After inaugurating the camp, the chief guest of the function Prof. B. S Revankar, Former Director, NITK-STEP informed participants that trends in the country is changing and more engineers are starting their own company and contributing to development of society and also stressed that the problems of unemployment can be solved only through entrepreneurship. Sri Revankar also informed that energy crises, water management problems can be solved by bring innovation in entrepreneurship. He also stressed to work together to improve ranking of our country globally in terms of entrepreneurship.

Sri. Rathnakumar, Secretary, SSVMET, Udupi, Presided over the function and conveyed that most of the students are having confusion in their mind that whether to opt for a job or to become an entrepreneur and event like this will clear their doubts. He also stressed that planning and execution of ideas are important to become successful entrepreneur. Mr. Ratnakumar also informed that today's education system is reducing the confidence level of youth and only entrepreneurs have courage to develop our nation.

The Principal of the institute Prof. Dr. Thirumaleshwara Bhat presented the prelude of the program and addressed the gathering by saying that there are ample opportunities for students to start their own company in the field of Mechanical and Civil engineering stream. He congratulated the students for participating in large numbers and advised students to take benefit of the program and become successful entrepreneur.

Mr. Arun Upadhyaya, coordinator of the program welcomed the gathering and Mr. Madhukar Nayak proposed vote of thanks at the end of the program. Ms. Sowmya Bhat compeered the program.

"ANALYSIS OF STRUCTURES THROUGH CYPECAD SOFTWARE"

ISTE Student Chapter in association with FE Designs, Bengaluru has conducted a one day workshop on "Analysis of Structures through CypeCAD software" on 19 October 2019. Mr.Amarnath S.N, Structural Consultant & Proprietor, FE Designs, Bengaluru was the resource person for the workshop.

Session was started with the detailed information about the software and its vast applications in civil engineering sector. Design of structural elements and its analysis by using Cype CAD software was practiced and hands on training was given to the third year students of civil engineering department. Total 40 numbers of students from third year civil engineering department have benefitted from the session.

WORKSHOP ON "FIRE SAFETY"

The department of Mechanical Engineering has organized Workshop on "Fire Safety" on Monday, 21 October, 2019 for the benefit of final year Mechanical Engineering and Civil Engineering students. Mr. Guru Prasad and Mr. K S Babu, trainers of Alpha Technical Training & Development Center, Mangalore were the resource persons of the workshop.

The workshop includes general understanding of basic fire awareness including what should be done in the event of a fire, how to prevent a fire occurring and a basic introduction of the protocol of extinguishing a fire. The workshop also includes different types of extinguishers such as Water, Foam, Dry Powder, CO_2 and Wet Chemical and their uses. Also they briefed about the training programs and certification courses conducted at Alpha Technical Training & Development Center for the mechanical and civil engineers.

Mr. Guru Prasad demonstrated the fire extinguishing procedure for the fire caused by different sources like wood, petrol and kerosene.

Around 50 Students of Mechanical Engineering and Civil Engineering have attended the workshop.

HOD of Mechanical Engineering Dr. Sudarshan Rao K welcomed the resource persons. Mr. Ganesh Kalagi was coordinated the workshop.

NATIONAL LEVEL STUDENT CONVENTION/ PROJECT EXHIBITION ON INDUSTRIAL INTERNET OF THINGS (IIOT – 2K19)

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, under the aegis of the Student Chapters of the Indian Society for Technical Education (ISTE) and IEEE Student branch organized a National Level Student Convention/Project Exhibition on Industrial Internet of Things (IIOT - 2K19) at the institute premises on 24th October 2019. More than Fifty teams from various Engineering colleges across the state exhibited their project models in the event.

The Convention cum Exhibition was inaugurated by the Chief Guest Dr. C.P Ravikumar, Director, Technical Talent Development, Texas Instruments, Bengaluru. Dr. C.P Ravikumar began his speech with how the industry has changed over the years and that the semiconductor industry is constantly going through change and the change is constant.

He further said that the IT industry went through three major waves where the first one was the personal computer followed by networking which paved way for wireless communication which resulted in the next big wave, the mobile phones. He then concluded his speech, stating that the next big wave for the upcoming generations would be IIoT.

Shri Rathnakumar in his presidential address spoke about how he is proud to be a part of the fifth IIoT student convention. He said that the marks contribute to only a small percentile to what makes an engineer and the rest is how one applies the knowledge that they have gained. He further stated that the exposure that the students gain here gives them the confidence and knowledge that can help them immensely in the future. He concluded by wishing that the event would be a grand success.

Dr. Ganesh Aithal, Vice-Principal and Dr. Vasudeva, Convener – IIOT 2K19 were present on the dais.

Prof. Dr. Thirumaleshwara Bhat, Principal welcomed the gathering. The event began with an invocation from Ms. Shreya Bhat, Final Year CSE. Ms. Rushali, IIoT Student Coordinator, Final Year ECE proposed the vote of thanks. The program was compeered by Mr. Trivikrama of Final CSE.

The valedictory function of the National Level Student Convention/Project Exhibition on Industrial Internet of Things (IIOTv5) was held on the same day, 24 October, 2019.

Dr. Ananthanarayana V S, Deputy Director, NITK, Surathkal was the guest for the function. In his valedictory address he said that we are now marching into the smart era where IIoT plays an important role and machine learning or AI supports the intelligence for the interaction. He says that the curriculum should be oriented towards innovation, incubation and startups and encouraged the students. He concluded his speech saying, "Success is not an accident but an outcome of hard work, perseverance and learning, more importantly to love what we do".

Shri Shri Vishwavallabha Theertha Swamiji presided over the function and distributed the prizes. The first place in the paper presentation was secured by Hariram M Shetty and team from Canara Engineering College for the paper titled "Smart ambulance with traffic control system using RFID and IoT". The second place was secured by Vipul Kumar and team from Yenapoya Institute of Technology for "IoT based smart parking system using raspberry Pi". In the Project competition, the first place was bagged by Deepak Nayak, Ullas Kunder, Abhijith Serigara and Saurabh Shetty for "Smart Agriculture". The second place was bagged by Ganpat Patel, Faheem Ahmed, Ashutosh Kumar and Raunak Chaudhary for "Smart Energy Meter". The three consolation prize winners were Mohith and team for "Smart Mirror", Chethan G Naik and team for "GPS based garbage vehicle tracking ", and Anantha Kumar Ramachandra and team for "Smart car".

Prof. Dr. Thirumaleshwara Bhat congratulated the participants and gave a prelude to the decennial celebrations. The students who were part of ATL initiatives of the institute and the team of students who developed institute mobile app were felicitated during the function. Dr. Ganesh Aithal, Vice Principal welcomed the gathering and Dr. Vasudeva, Convener proposed the vote of thanks. Ms. Akanksha, student coordinator gave a brief report of the event and announced the list of winners. The program started with the invocation by Ms. Vaishnavi V Katte and was compeered by Ms. Suraksha.

'GRADUATION DAY – 2019'

Graduation Ceremony for the sixth outgoing batch was held on Saturday, 26 October 2019.

Mr B B Shetty, Head Regional – HR, TATA Consultancy Services was the chief guest and delivered graduation address. His address provided insights to the students from the perspective of a recruiter. He asked students to be proficient in latest technologies and stay updated to compete and succeed in a global environment. He also enlightened the graduates regarding the difficulties faced by the rural background students working in cities like Bengaluru after their graduation. He asked them to plan their career goals right now and identify their career path. He also asked graduates working in IT field to prioritize their personal life and to take care of their parents.

Shri Vishwavallabha Teertha Swamiji of Sode Vadiraja Mata handed over the gold medals for the branch toppers. Anvitha of Civil Engineering department, Daneena Deeksha D'souza of Computer Science and Engineering, Sushmitha N G of Electronics and Communications Engineering and Sudarshan M of Mechanical Engineering won gold medals for their splendid academic performance.

Principal Dr. Thirumaleshwara Bhat welcomed the gathering. Shri. Ratnakumar, secretary, SSVMET, recalled the visit of former President Dr.A.P.J Abdul Kalam to the institute and asked the students to follow his footprints. In his presidential address,Shri Vishwavallabha Teertha Swamiji asked the students to not let go anything off without a sincere try, be good and be useful to the society. He gave many instances in his discourse to motivate the student community gathered.

HoDs of engineering branches presented the graduates list. Prof. Ravindra H J, HoD of Physics announced the names of branch toppers. Dr. Reenakumari, Head, Dept. of Chemistry introduced the guest. Vice Principal Dr. Ganesh Aithal, administered the Oath for the sixth outgoing batch of graduates.

Dr. Lolita Priya Castelino, HOD of Mathematics delivered vote of thanks and Mr. Ananth Mallya and Ms. Sneha D'souza compeered the program.

FREE YOGA CAMP

Women Empowerment Cell of SMVITM in association with Pathanjali Yoga samithi and Ganapathi Seva Samithi, Bajagoli jointly organized a free Yoga camp for rural public from 26 October to 28 October 2019 in the Ganapathi seva bhavan.

The main aim of the program was to bring awareness and teach basic yoga skills to the public of rural region. Mr. Krishndas Prabhu, who is working in private company as Assistant manager who had come to native on Diwali vacation enlightened public with yoga skills.. During 3 days of yoga camp Pranayam- Bhastrika, Kapalbhanti, Anulom Vilom, Ujjai, Bhrahmari & Udgeet Asanas- Bhujangasana, Shalabhasana, Vajrasana, Mandukasana, shashakasana, Vakrasana, Dhanurasana, Makarasana, Thadasana, Prastasana, Vrakshasana, Veerabhadrasana, Yogic

Jogging, Suryanamaskar, Dhyaan. Etc.were taught.

The participants were interactive in all sessions attended the camp with their own interest. Total 40 participants got benefited from this event. Mr. Harihar Gokale honourable member of Ganapathi seva sameethi compered the valedictory program. Secretary and Treasurer of ganapathii seva sameethi Mr.Sudhakar Acharya and Mr. Harish, omkar studious presented mometo to the resource person. Speaking on this occasion Krishnadas told the importance of doing yoga for healthy life style. He said to do yoga you need not wait for other person like in other games. You can start on your own. Senior members of pathanjali yoga samithi Karkala Satheesh Kamath and Ramanath Pai were present on valedictory program. Pathanjali yoga sameethi members Mrs. Gayathri Prabhu, and Mr. Ramanada poojary , Mrs. Kusuma Prabhu Assistant Professor , ECE department, Bantakal coordinated the event.

Mr. SUJAY RAGHAVENDRA N AWARDED WITH PH.D

Mr. Sujay Raghavendra N, Associate Professor in Civil Engineering Department was awarded Ph.D. degree for his research thesis titled "Assessment of Spatio-Temporal Variability of Streambed Hydraulic Conductivity: A case study in the Pavanje River India", submitted under the guidance of Dr. Paresh Chandra Deka, Professor, NITK, Surathkal, Mangalore.

Mr. ADESH N D AWARDED WITH PH.D

Mr. Adesh N D, Associate Professor in Computer Science & Engineering Department was awarded Ph.D. degree for his research thesis titled "Design and Implementation of Efficient Techniques for Packet Scheduling and Congestion Control in 4G LTE Networks", submitted under the guidance of Dr. Renuka A, Professor, Department of Computer Science & Engineering, Manipal Institute of Technology, Manipal.

STUDENT ACCOMPLISHMENTS

○ Mr. SOORAJ of 4th year Electronics & Communication Engineering has been selected from Mangalore zone for the VTU inter-zone cricket tournament held in Chikkaballapura on 15th and 16th October 2019.

Mr. Vineeth P Nayak, Mr. Shamith Joshi & Mr. Suraj Nayak of 2nd year CS & Engineering have won 3rd Prize in "Hobby Project" conducted at Jawaharlal Nehru National College of Engineering, Shivamogga, PLASMA - 2019, a National level Technical Symposium organized by the department of Electronics & Communication Engineering on 04 & 05 October 2019.

○ Mr. Deepak Nayak, Mr. Ullas, Mr. Saurabh Shetty, Mr. Abhijith S of 3 year Computer Science and Civil Engineering students have won first prize in 18-hour Hackathon "Hacktoberfest Hackblight" held at Sahyadri College of Engineering and Management, Mangaluru on 12 and 13 October, 2019. The event was organized under the banner of MHRDs Institute Innovation Council.

○ Ms. Elein Jisha Lewis of 4th year Electronics & Communication Engineering has been selected to University Hand Ball(Women) Team to represent VTU South Zone Inter University Championship 2019-20 to be held at University of Calicut, Kerala from io" to 14th November 2019.

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2020 Batch Students placed at Infosys Bengaluru

Hearty Congratulations

ADARSH SHANKAR BHAT   AJAY   AKHILESH SHASTRY K   GAUTHAM NAIK P

APOORVA   LAVANYA N   CHAITRA R K   DIVYA GURUNATH SHET   AKSHATHA

SANJITHA V SHETTY   CHAITRA C KAMATH   MANISHA SUVARNA   NISHMITHA SHETTY

SUNIL S SHETTY   Y SUHAS KUMAR   S MANOJ   KEERTHAN ACHARYA   SHRIKARA

SHWETHA   NIVEDITHA   TANUSHREE ANCHAN   VIJAYATHA NAYAK

SHREYAS SHETTY   SANDEEP SALVANKAR   ZEBA AMRIN   DARSHAN G SHETTY   NISHAN

SAHIL KHALEEL   PRADEEPA ACHARYA   VIMITHA   SHUBHA H KOTIAN

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SMVITM

TATA CONSULTANCY SERVICES

2020 Batch Students placed at **TATA** CONSULTANCY SERVICES

Hearty Congratulations

AKANSHA ARCHANA HEBBAR K V BHAGYASHREE BHAT

CAROL DSILVA LAVANYA N MANISH M MEGHANA R

NARENDRA V NIKHIL V ACHARYA PRATEEK R K

RACHANA D SHETTY SHARAN SHWETHA SUMANTH S

THEJASHREE THRISHNA VIDISHA P SHET