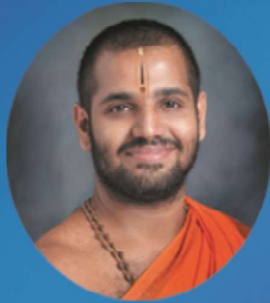# Samsmruthi

College Newsletter

SMVITM

Vol: 3 Issue: 1   Year: 2019-20   August - September 2019

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.

FIRST YEAR B.E. ORIENTATION PROGRAM

The orientation program for the first year B.E. students, who have taken admission to various courses during the academic year 2019-20, will be held in the Institute premises on Sunday, 28 July 2019 from 10:00 AM onwards. Chief Guest, Shri Sunder Madakshira, Head of Marketing, Adobe India Pvt. Ltd., Bengaluru shall be addressing the gathering of students and their parents/guardians. Shri P Shrinivas Tantry, Vice President, Secretary, SSVMET shall preside over the function.

LIBRARIAN'S DAY

Library committee in association with ISTE Student Chapter organised Librarian's Day on Tuesday 13 August 2019 at the institution premise to commemorate the Birthday of Dr. S. R. Rangananthan.

Dr. Manjunatha Chief Librarian, TAPMI, Manipal was the Chief Guest for the event. On this occasion he addressed the first year students and oriented them towards the importance of the Library usage in technical education. He initially quoted the best practices like book stall facility; formation of the reader's club etc. adapted at the TAPMI and how it helped the students to cultivate the reading habit. . He asked the students to utilize the library to the maximum possible extent to keep updated in the competitive world. He also shared information on several websites through which students; faculty and research scholars can access electronic resources and update their knowledge base.

He concluded his talk with an urge to the students to make the best use of the college library facilities and also asked them to contribute towards the growth of the college Library.

Ms. Thrishna final year ECE student compered the program; Vice Principal of the college Dr. Ganesh Aithal, Heads of various departments and few faculties were present on this occasion. Ms. Usha Kulal, Librarian, SMVITM, coordinated the event.

INDEPENDENCE DAY COMPETITIONS

Extra-curricular committee has organized Independence Day competitions for the students on 13th and 14th August 2019 in the college premises. Poster Making, Group singing and Group dance competitions were conducted in this occasion. Many interested students have participated and won the prizes.

73RD INDEPENDENCE DAY CELEBRATION

73rd Independence Day of INDIA WAS CELEBRATED in the college campus on 15 August 2019. Principal of the college Dr. Thirumaleshwara Bhat hoisted the National flag, addressed the gathering and ignited the young minds of SMVITM. He appealed the students not to restrict their technical expertise to earning purpose; instead they should also focus on taking up administrative roles like IAS, IPS and serve for the betterment of our county. HODs of all the disciplines, Faculty members, Staff and students of the college attended the function and witnessed the national flag being hoisted.

GUEST TALK ON PLACEMENT ORIENTED ACADEMIC PROJECTS

The department of Electronics and Communication Engineering in association with ISTE student chapter organized a guest lecture by Mr. Padma Prasad, Sr. Assistant Professor, Dept of ECE, MITE Moodabidri, on 23 Aug 2019. He addressed the final year and pre final students of SMVITM about Placement Oriented Academic Projects. In his session, he stressed the importance of doing project work and explained the students how to choose the right project with high social impact. He advised them to participate in project competitions organized by various organizations throughout the year, so that the same organizations can later offer internship and job opportunities to the students. Ms. Carol Dsilva of 4th year and Ms. Namana of 3rd year introduced the speaker to the audience and compered the program.

HOD Dr. Balachandra Achar, proposed the vote of thanks. ISTE Office Bearers, Project Coordinator and Faculty members of ECE were present on the occasion.

3 DAYS TRAINING PROGRAM ON HYDRAULICS & PNEUMATICS

Department of Mechanical Engineering in association with ISTE Student chapter of SMVITM, Bantakal has organized 3 Days Training Program on Hydraulics & Pneumatics at VTU Bosch Rexroth Centre of Competence in Automation Technology, Mysore from 24 to 26 September 2019. 42 Students of final year Mechanical Engineering department have participated in this program along with two faculty members. Dr. N S Sriram, Professor, Mechanical Engineering department, VVIET, Mysore and Dr. K R Prakash, Professor, Mechanical Engineering department, NIE, Mysore were the resource persons. The training program includes introduction to hydraulics, hydraulic pumps, motors, cylinders, control valves, circuit designing and building, study of proportional valves, hydraulic fluids and filtration, and also hands on session on construction and operation of hydraulic assemblies on the training rig. The training program also includes introduction to Pneumatics, Fundamentals of Pneumatics, Basic components - Cylinders and Valves, their working and interactions, electro pneumatic circuit diagram, and also hands on session on building pneumatic circuits on the training rig.

Mr. Ganesh Kalagi and Mr. Manjunath S, Senior Assistant Professors of Mechanical Engineering department have coordinated this training program.

INDUSTRIAL VISIT TO GOVERNMENT TOOL ROOM AND TRAINING CENTRE (GTTC), MYSORE

Department of Mechanical Engineering has organized Industrial Visit to Government Tool Room and Training Centre (GTTC), Belagola Industrial Area, K.R.S Road, Mysore on 27 September, 2019.

42 Students of final year Mechanical Engineering department have visited the industry along with two faculty members. H.M. Radhakrishna, the in-charge of SIEMENS Centre of Excellence (COE) Courses took the students around the plant and explained the operations and the mode of work in their Centre. GTTC is an autonomous society, and a recognized Scientific and Research Organization by the Government of India. GTTC is serving industry by way of precision tooling and providing in well trained craftsmen the area of tool and die making. The students have given exposure to various machine tools, tool design, advanced robots for the applications of various types of welding in industrial use, and advanced tools using in quality checking.

Mr. Manjunath S and Mr. Ganesh Kalagi, Senior Assistant Professors of Mechanical Engineering department have coordinated the visit.

TALK ON PROJECT IDEAS

A workshop on "Project Idea Generation" on 28 August, 2019 was conducted by Entrepreneurship Development cell of the institute.Mr. Chandrashekar Rao Kutyar, Lead Consultant, SangamOne Connected Services Pvt. Ltd, Bengaluru participated as the resource person of the program.

During the session, Mr. Kutyar discussed real life problems related to society and explained how engineering students can find solutions by selecting their final year projects. He also encouraged students to do industry projects which will add value to their Resume.

Mr. Chandrashekar Rao Kutyar also shared his vast knowledge about various topics like Block chain, Deep Learning, Machine Learning, and other latest technologies and motivated students.

Dr. Balachandra Achar, HOD and Faculties of the Electronics and Communication Department were present during the session.

Mr. Arun Upadhyaya, coordinator of Entrepreneurship Development Cell welcomed and proposed the vote of thanks at the end of the program.

TALK ON ARTIFICIAL INTELLIGENT AND DATA ANALYTICS

The department of E&C Engineering organized a Talk by Senior Assistant Professor Mr. Sachin Bhat, on the topic "Can Artificial Intelligence and Data Analytics lead to intelligence?", on 28 Aug 2019 in the college campus.

The final year students of E&C Engineering attended the talk and increased their knowledge. HOD and other faculty members too were present on the occasion.

BOOK EXHIBITION CUM SALE

In association with Sapna Book House, Mangalore Book Exhibition cum Sale was organized on 28th August 2019 in order to enhance the knowledge of students, faculty and staff towards new books based upon recent trends and technology.

Knowledge is power which can be gained by adopting habit of reading good books. The book exhibition provided a platform for students as well as faculties to directly interact with different publishers.

Representatives from Sapna Book House, exhibited the books related to engineering, general knowledge, books related to competitive books, novels, motivational books from various authors. Students, faculty and staff made the best use of this exhibition and also purchased most of the exhibited books. More than 200 members visited the exhibition and appreciated the event. The event was successfully coordinated by library committee members and also staff of central library.

ALUMNI TALK BY MR. SHRIVISHNU

The alumni talk by Mr. Shrivishnu (2015-2019 CSE Batch) was arranged by the Department of Computer Science and Engineering in association with Alumni Cell on 31st August, 2019. The students of pre-final year of CSE department were the beneficiary of this program.

Mr. Shrivishnu is currently an intern at Mobeizy, Bengaluru and will be joining Mindtree soon. Speaker gave insights about how to do preparation for GATE exam and opportunities available if cracked the exam. He gave information about useful sites for preparing for GATE. Mr. Shrivishnu shared selection procedure through AMCAT exam and preparation regarding the same. Also he shared his experience about interview process by Mindtree.

Speaker also shared his experience as an intern and how start-ups generally help in learning more. He gave suggestions on how to apply for any companies and grab opportunities wherever possible. Also he talked about etiquette to be followed while appearing for interviews. Queries of the students were answered by the speaker at the end of the session.

Ms. Ramyashree welcomed the gathering and introduced speaker to the audience. Dr. Vasudeva, HOD, Department of CSE thanked and presented the memento to the Guest speaker. Ms. Ramyashree delivered vote of thanks. Ms. Tejaswini H and Ms. Ramyashree, Assistant professors and Department Alumni coordinators, Department of CSE, coordinated the event.

TEACHERS' DAY COMPETITIONS

Extra-curricular committee has organized Teachers' Day competitions for Staff and Faculty members on 4th September 2019 in the college premises. . Cooking, Solo singing and group singing competitions were conducted in this occasion.

Many interested staff and faculty members have participated and won the prizes.

TEACHERS DAY AND ENGINEERS DAY CELEBRATION

The Extra and Co- Curricular Committee organized the Teachers' day and Engineer's day together on 05 September 2019.

Dr. N A Madhyastha, Former Principal, Poorna Prajna College Udupi was the Chief Guest for the event. In his address, he gave glimpses from the life of Dr. Sarvapalli Radhakrishnan and Sir M. Visvesvaraya and how they inspire us by their eminent personality. Unriddling the importance of time to the students, he told how cell phones and other electronic gadgets are eating our time and how effectively we can use them to accomplish our work. Continuing his speech, he congratulated and appreciated all the teachers for their contribution to the field of education and how the new generation of teachers need to keep inspiring students. He narrated some of the funny incidents he encountered in his teaching career.

He distributed the prizes to staff and students who participated and won in different competitions organized by the extra-curricular club of SMVITM, on account of Teachers' Day and Independence Day.

The event witnessed the unveiling of the SMVITM College Mobile App designed by the students of 3rd Year BE.

Dr. Thirumaleshwara Bhat, Principal, SMVITM, presided over the function. In his Presidential address, he spoke on the relevance of celebrating Teachers day and Engineers day in the fond memory of Dr. Sarvapalli Radhakrishnan and Sir M. Visvesvaraya respectively. He recollected how they overcame their initial hurdles and achieved the career success and how they ended up receiving the prestigious Bharatha Rathna Award for their unparalleled contribution for the betterment of the society. Dr. Ganesh Aithal, Vice Principal of the college was present on the dais.

Ms. Rukmini Ballal, Asst. Professor, Dept. of Computer Science and Engineering gave a brief overview of about the relevance of both Teachers' Day and Engineer's Day. Mr. Krishna Kumar, Asst. Professor, Dept. of Electronics and Communication introduced the Chief Guest. Mr. Karthik V, Asst. Professor, Department of Mechanical Engineering welcomed the gathering and Mr. Avinash, Asst. Professor, Dept. of Electronics and Communication Engineering proposed the vote of thanks. The program began with the invocation by Ms. Shreya Bhat and Ms. Kripashree Bhat compered the program.

ALUMNI TALK BY JAVINS AVIN DSOUZA

On 05th September 2019, Mechanical Engineering Department had organized an alumnus talk in association with department of Mechanical Engineering Alumni cell and Placement cell.

The final year students got the opportunity to have an interaction with one of our proud Alumnus Mr. Javins Avin Dsouza, of 2015-19 batch, who is working as a System Engineer Trainee in Infosys, Mysuru.

During the 40 minutes interaction, the existing students were full of zeal to interact with their senior, Javins.

Mr. Javins mainly focused on the selection processes involved in Infosys. Speaker shared about the different rounds of selection and guided the students how best one could prepare for the same. Topics from which questions would appear in the aptitude test was told clearly and asked the students to focus on those topics so as to clear the first round. Being from Mechanical Engineering stream, exposure that IT field provides was also mentioned by the speaker and encouraged the students to apply for IT jobs and excel in the same. Speaker shared his own experience that he had faced during his job interviews and gave insights on how one should appear before the interview panelists by stressing on conduct, dress code, body language, self-confidence etc., and thereby stating its importance in fetching a job. Also the students are made to speak during the session as a part of demo on HR interviews. Together with how to crack interviews for Infosys, Mr. Javins also provided tips to clear Indian Army and Air force exams.

The session was interactive and fruitful. He welcomed the queries of the students and answered them.

The interaction session was graced by Dr. Sudarshan Rao K, HOD, Department of ME. We all appreciate Javin's efforts in finding time to share his experiences with budding engineers of SMVITM.

Mr. Karthik V, Assistant Professor and Alumni coordinator, Department of Mechanical Engineering welcomed the gathering and introduced the speaker to the audience. Dr. Sudarshan Rao K, HOD, Department of ME, thanked and presented a memento to the Guest speaker. The program was coordinated by Mr. Kiran Bhat, Assistant Professor and placement coordinator, Department of ME and Mr. Narayan Nayak, Assistant professor and Alumni Coordinator, Department of ME.

ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS

ISTE Faculty Chapter in association with Visvesvaraya Trade Promotion Centre Department of Industries & Commerce organized One Day Workshop on the "Significance of Intellectual Property Rights for Entrepreneurs and Academia" on 6 September, 2019 in the college campus. Dr. S Rama Murthy, Senior Advisor, Origin IP Solutions, Bengaluru, Dr.Sarasija Padmanabhan, Senior Patent Search Specialist, Bengaluru and Shri B Vivek Anand Sagar, IP Attorney and Consultant, Patent Information Centre, (KSCST) IISC, Bengaluru, were the resource persons for this half day workshop. The resource persons clearly explained the various factors related to Intellectual Property Rights (IPR), Patent, Prior Art search, Research Ethics, copyrights and the relevance of these aspects in education field. Principal of the college Prof. Dr. Thirumaleshwara Bhat gave the introductory remark and highlighted the need of such workshop for academicians.

The workshop was organized with a focus into the areas of IPR, Patent, research and copyright for the benefit of the faculty members of the college and to inculcate the culture of patenting one's idea in the domain of their research area. The Vice Principal Dr. Ganesh Aithal, HoD's of various department and Faculty members of the college were present for the workshop.

Dr. Sudharshan Rao K, Head Department of Mechanical coordinated the event and Ms. Ramyashree from Dept. of Computer Science compeered the program; Dr. Vasudeva Head, Department of Computer Science thanked the Guest and felicitated the speakers with a memento.

PYTHON WORKSHOP

College has organized Python Workshop for the students of Atal Tinkering Lab installed schools of Udupi and Dakshina Kannada districts on 31st August and 7th September, 2019 in conjunction with PYCON India – 2019, a premiere conference in India on using and developing the python programming language.

The event was attended by approximately 110 participants from various schools keen on learning Python. The slots for each and every school were decided based on their convenience among the above mentioned dates. The main concern behind the event was to provide a platform for the young minds that have a strong will and determination of learning new things that help in providing better India to our younger generations to come.

The structure of the workshop is as follows:

- Basic Introduction to Python Programming and Pycon
- Python Programming Environment Setup,Demo, Popular IDE's for Python Programming, Variables, Expressions, Operators, Statements, Conditionals(If-Else, Nested Conditionals, Chained Conditionals)
- Loops/Iterations(while loop, for loop, Nested loops),Defining a function,Calling a function, Functions
- Strings and Characters, Traversal through a string with a loop, String slices, String functions and methods.
- List basics, Traversing a List, List operations, List slices, Lists and functions, List methods, Lists and Strings, List comprehension. Creating a tuple, Accessing and Updating Values in tuple, Deleting tuple elements, Tuple methods, Tuple assignment.
- Turtles-Introduction, Turtle Methods, Draw a Square, Star, Hexagon, Square inside another square box, Spiral Square outside In and Inside Out, Rainbow Benzene.

Resource Persons :

- Mr. Manoj T, Asst Prof, CSE Dept
- Ms. Sahana Karanth, Asst Prof, CSE Dept
- Ms. Tejaswini H, Asst Prof, CSE Dept

The following schools attended the workshop on 31st August (i.e. Slot 1):

- Madhava Kripa English Nursery and Higher Primary School.
- Government Pre-University College Hiriadka.
- Government Pre-University College Bailuru.
- Amratha Bharathi Vidyalaya Hebri.
- Jawahar Navodaya Vidyalaya.
- Shri Vyasa Maharshi Vidya Peetha Mulki.
- SDPT High School Kateel.

The Slot 1 participation gave us an intimidation that the event is having a positive impact on the young minds making them understand the basic concepts and help them analyse the given problem statement

and improve their problem solving abilities which is a mandatory skill set required to be a part of any globally known enterprises.

The following schools attended the workshop on 7th September.

- H M English Primary and V K R Acharya Memorial English Medium High School.
- Government High School Haklady.
- Government Pre-University College Bidkalkatte, Kundapura Taluk, Udupi District.
- Little Rock Indian School.
- Government Pre-University College Brahmavara.
- Government Composite High School Volakadu Udupi.

The positive impact led by these events gave us an idea that how important it is to conduct such events where we can nurture the young minds into the right directions.

TRAINING SESSION ON "SELF DEFENSE"

The Women Empowerment Cell organized a training session on "Self Defense" for 2nd, 3rd & 4th year girl students of SMVITM on 7th September 2019 in Seminar Hall 3 of library block. Mr. Karthik S Kateel, CEO and Founder of Swaraksha for Women Trust® and Mrs. Shobhalatha were the resource persons.

Mr. Karthik S Kateel demonstrated techniques on how women can defend herself when attacked by a stranger or group of people by making them aware about sensitive parts in human body and provided them tips through simple techniques to get dangerous situation under their control. He also suggested students not to be panic, angry, confused, run away or make the attacker angrier and not to kick or punch, instead one has to be smarter and understand the mindset of the attacker in order to select their move. He also advised students to take precautions and avoid becoming victims of kidnaps, assaults and dangerous situations. His mother, Mrs. Shobhalatha assisted him in various demonstrations related to self-defense technique. More than hundred students and members of Women Empowerment Cell actively participated in the session.

COMPUTER NETWORK AWARENESS PROGRAM

Department of Computer Science and Engineering organized a one-day Computer Network Awareness Program, for the Students of Computer Science stream of Indira Shiva Rao Polytechnic, on 13 September 2019 in the department Premise. As part of the program sixteen students along with two staff members visited the campus.

The first session was by the Assistant Professor, Mr. Manoj T. where he gave an introduction to computer network and briefed various topologies and components used in the formation of a computer networks.

Dr. Vasudeva, Head of department addressed the students and explained the need of computer networks and also briefed various aspects of data analytics and social media analysis. Post lunch Mr. Suresh Rao, System Analyst and Mr. Shashidhar Pai, Lab technician demonstrated the configuration of Operating Systems, Servers, network topologies and other networking devices. In the last session Assistant Professor, Mr. Deepak Rao M, gave a brief introduction to internet of things and demonstrated the usage of network simulator NS2 and python programming language and concluded this one-day event.

TRAINING PROGRAM ON MATERIAL TESTING AND QUALITY CONTROL LAB

The Department of Mechanical Engineering has successfully organized two-days training program on "Material Testing and Quality Control" in association with ISTE student chapter.

The session of the training Program was organized from 13 to 14th September 2019. 52 students pursing 2nd year Mechanical Engineering diploma course from Government Polytechnic, Udupi have participated in the training programs. The students were found enthusiastic throughout the sessions while learning various experiments.

The department teaching staff Mr. Kiran Bhat gave brief introduction about the training program. The instructors of the department guided the students to conduct various experiments in the lab.

Prof. Dr. Thirumaleshwar Bhat, Principal of the institute and Prof. Dr. Sudharshan Rao, Head of the Mechanical Engineering department congratulated the students.

The program was coordinated by Mr. Narayan Nayak and Mr. Vijendra Bhat.

ALUMNI TALK BY MS. DEVIKA LAKSHMEESHA

The alumni interaction activity by Ms. Devika Lakshmeesha (2011-2015 CSE Batch) was arranged by the Department of Computer Science and Engineering in association with Alumni Cell on 14th September, 2019. The students of final year of CSE department were the beneficiary of this program.

Ms. Devika was placed in HP and currently working in Infosys, Mangalore as Senior System Engineer. Speaker gave insights about how to do preparation for any placements. She stressed upon the importance of doing projects and how one can learn from it. She suggested on continuously practicing and keeping oneself updated regularly with trending technologies. She mentioned about some of useful sites like HackerRank where one can practice programming for learning. Ms. Devika highlighted the importance of soft-skills, behaviours and communication skills in the corporate world.

Speaker talked about how first few years of career experience helps in career growth in the later stages. She stressed upon not to be idle and keep oneself active. She also stressed upon not to waste time and learn one or other skills to enhance the knowledge. She shared about Infosys experience; different levels of posting, locations, and work culture. She also suggested about certification course to be done by students.

Ms. Devika suggested to be excelling in any software career one should be an efficient coder and should come up with proper outcome. Speaker wished the best to all who are appearing for placements. At the end, Dr. Vasudeva, HOD, Department of CSE motivated students to prepare well for the placement by boosting the confidence in them.

Ms. Tejaswini H welcomed the gathering and introduced speaker to the audience. Dr. Vasudeva, HOD, Department of CSE presented the memento to the Guest speaker. Ms. Tejaswini H and Ms. Ramyashree, Assistant professors and Department Alumni coordinators, Department of CSE, coordinated the event.

INDUSTRIAL VISIT TO STONE CRUSHING UNIT AND STONE CUTTING INDUSTRY AT KARKALA

The EDC cell had organized an industrial visit to Chaamundeshwari Stone crusher unit at Hampankatta Phalli and Stone cutting unit at Karkala on 17th September 2019. The trip was organized for second year students of Civil engineering department. In the first trip students have visited aggregate manufacturing unit, they have learnt how quarrying process will takes place, starting from blasting, precautionary measures before blasting and detonators used for blasting purposes. Later they were taken to the control unit of the crusher and conveyor belt and its working sequence. Students have also learnt how the primary and secondary crushing unit works for the manufacture of various sizes of aggregates.

Detailed operation of M-Sand manufacturing unit was demonstrated by the proprietor Mr. Chandrashekar Shetty and interacted with the students

Second visit was to Mahalingeshwara stone works at karkala, where students have witnessed various types of stone cutting machines and different types of stone surface finish and carvings. Total 29 students from second year civil engineering students have benefited from this excursion.

INSTALLATION CEREMONY OF NATIONAL SERVICE SCHEME

The installation ceremony of the National Service Scheme (NSS), Youth Red Cross (YRC) and Rotaract unit was held on 18 September 2019.

Shri Natesh Alva, Head, Department of Kannada, Shri Ramakrishna College, Mangalore was the chief guest on the occasion, inaugurated the program by lighting the lamp. During his inaugural address to the gathering, he opined that academic studies are providing theoretical knowledge, whereas units like NSS provide practical knowledge for life which is more important. He also encouraged the students of SMVITM to organize many activities including one-week Camp under the aegis of the SMVITM NSS Unit. Shri Rathnakumar, Secretary, SSVMET Udupi presided over the function. In his presidential address he said that all students must have definite and proper goals in the life and need to put in sincere efforts to reach their destination.

Rtn. Sandeep Bangera, President Rotary Shankarpura Installed the Rotaract club of SMVITM.

Rtr. Prakash Nayak, District Rotaract Representative (DRR), Rotary International District (RID) 3182, Rtn. Jaganath Kote, DRCC, Dr. Thirumaleshwara Bhat, the Principal of SMVITM, Rtn. Malini Shetty, club chairman and Mr. Kishor Kumar Aroor, Institutional NSS –YRC-RC Coordinator were also delivered their message on the occasion.

HODs and Section heads of various departments, Departmental coordinators and staff members were present during the ceremony.

For the academic year 2019 – 20, Mr. Ashwin and Ms. Vaishnavi Katte was sworn in as the Presidents of NSS and RC respectively , Mr. Aneesh Upadhya and Mr. Bharath Shenoy as the Secretaries of NSS and RC respectively. The Program was compered by Ms. Ramyashree, Assistant professor, Department of Computer Science and Engineering.

"BRIDGE IT" A BRIDGE MAKING COMPETITION

The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department in association with the student club "STHAPATHI" of civil engineering department organized a technical competition titled as "Bridge it"; A bridge making competition for all branch students of SMVITM, Bantakal on 18th September 2019 at college premises. Rules were set out to form a team of two students and to construct a bridge with the ice cream stick, rope and glue. Large numbers of students registered for the competition and after the prelims round 22 teams were selected out of 80 teams from all the branches.

Constructed bridges were taken to civil lab for the stability test and winner was declared with the bridge having the greater capacity to carry the weight for longer duration. First place was won by Deepak and team from third year students of computer science department and second place was secured by Nikith and team from third year students of civil engineering department.

WORKSHOP ON "RECENT DEVELOPMENTS IN SMART MATERIALS & MEMS"

The department of Mechanical Engineering in association with ISTE Student Chapter has organized One-Day Workshop on "Recent Developments in Smart Materials & MEMS" on 20th September 2019 for the benefit of faculty and students of Mechanical Engineering. Dr. Gangadharan K V, Professor, Department of Mechanical Engineering, NITK, Surathkal and Dr.Udaya Prasanna, Professor, Department of Mechanical Engineering, SMVITM, Bantakal was the resource persons of the workshop. Prof. Gangadharan in his presentation, during the morning session thrown light on recent developments in Smart Materials and its applications. The topics covered include, Introduction to Magnetorheological (MR) fluids, fabrication techniques, testing of MR fluids and demonstration on testing of MR fluid with and without magnetic field. The presentation also includes Introduction to Piezoelectric materials and demonstration on performance testing of piezoelectric materials. In the afternoon, hands on session conducted on various experiments of mechanical tastings using Virtual Lab technology.

Research scholars from NITK, Mr. Nishan, Mr. Tejas, and Mr. Dinesh have also associated with resource person Professor, Dr. Gangadharan K V. Around 87 Students of Mechanical Engineering have attended the workshop.

Dr. H Udaya Prasanna in his presentation, during afternoon session explained about Shape memory alloys and its various applications. The presentation also includes Introduction to Microelectromechanical systems (MEMS), fabrication technologies and its various applications.

HOD of Mechanical Engineering Dr. Sudarshan Rao K welcomed the resource person. Mr. Ganesh Kalagi, Mr. Manjunath S and Mr. Ravinarayan Rao were coordinated the workshop.

SESSION ON USAGE OF VIRTUAL LAB

The Student Chapter of Indian Society of Technical Education (ISTE) and Civil Engineering Department organized a informative session on "Usage of Virtual lab"; for the second year students of SMVITM, Bantakal on 20th September 2019 at college premises by Ms. Swathi Shetty, Ms. Aishwarya Shetty and Ms. Aishwarya Hegde, all are working as research fellow at Centre for system design, NITK Surathkal. Virtual lab provides remote- access platforms to labs of various disciplines to help the students to learn basic and advanced concepts through remote experimentation. Various experiments related to Strength of materials, Environmental engineering laboratory and Geology were discussed. Total 28 students were benefited from the program.

ALUMNI TALK BY MS. SUSHMITHA

The alumni interaction activity by Ms. Sushmitha R (2014-2018 CSE Batch) was arranged by the Department of Computer Science and Engineering in association with Alumni Cell on 21st September, 2019. The students of final year of CSE department were the beneficiary of this program.

Ms. Sushmitha is currently working as System Analyst in Cognizant Technology Solutions, Bengaluru. She gave information about useful sites for preparing for placements, like Indiabix, HackerRank etc. Also she shared her experience about working in Cognizant.

She briefed about the work culture and different levels and how to progress in Corporate life. Also she talked about current trends and importance of grabbing the opportunities wherever possible. Queries of the students were answered by the speaker at the end of the session.

Ms. Tejaswini H welcomed the gathering and introduced speaker to the audience. Dr. Vasudeva, HOD, Department of CSE thanked and presented the memento to the Guest speaker. Ms. Ramyashree delivered vote of thanks.

Ms. Tejaswini H and Ms. Ramyashree, Assistant professors and Department Alumni coordinators, Department of CSE, coordinated the event.

"BAKE FREELY" – BAKING WORKSHOP

Extra-curricular committee has organized "Bake freely" – Baking Workshop for the Staff and students of the institute on 21st September 2019. Mr. Ananthesh Rao K, Asst. Professor, Department of Mechanical Engineering was the resource person for this workshop. Demo for the preparations of different types of cookies and cakes was given using a conventional oven. More than 40 interested Staff and students were participated in this workshop.

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 23 to 25 September, 2019. The program was inaugurated on 23 September, 2019 in the seminar hall of the institute.

After inaugurating the camp, the chief guest of the function Mr. K. Socrates, Deputy Director, MSME-DI, Mangaluru, said that more and more engineers should take entrepreneurship as career and bring change in the society.

Mr. Socrates urged students to become job providers than seekers.

He also mentioned that teachers should guide the students in converting an idea in to a product and also the entrepreneurship development cell has to play a major role in this regard.

Sri. Rathnakumar, Secretary, SSVMET, Udupi, Presided over the function and motivated the students by saying entrepreneurship is the future of India. He informed students to follow the life story of successful entrepreneurs and get inspiration. Sri Ratnakumar also congratulated the students for participating in large numbers and urged at least 10 percent participants to become entrepreneurs.

The Principal of the institute Prof. Dr. Thirumaleshwara Bhat presented the prelude of the program and thanked EDII, Ahmadabad and Department of Science and Technology (DST), Govt. of India for supporting the institute by sponsoring three days EAC program.

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

PROF. SHUICHI TORRII FROM JAPAN AT SMVITM, BANTAKAL

Prof. Shuichi Torii, Professor of Kumamoto University, a highly reputed University of Japan, has paid a visit to the Institute on 25 September 2019. As part of the visit he addressed the Mechanical and Civil Engineering students of the college under the banner of ISTE Chapter. He spoke on the topic of "Renewable energy and Energy conversion" where he explained various methods adapted in Japan for generating non-conventional energy and also highlighted the scope for further research.

Principal of SMVITM, Dr. Thirumaleshwara Bhat, Vice Principal Prof. Dr. Ganesh Aithal and other Professors and Heads of the Department were present during this occasion. Later he visited various departments of the college and appreciated the facilities offered to the students.

TECHNOWEEK-2019

The Student Chapter of Indian Society for Technical Education (ISTE) under civil department in association with Association of Consulting Civil Engineers (I), Mangalore center and RAMCO Pvt. Ltd had organized a technical event titled as "Technoweek-2019". The program was held on 25th September 2019 at the institute premises. Dr. Suresh S N, Associate Professor from NITK, Surathkal addressed the gathering regarding "Code of ethics to practice civil engineering". Speaker initiated the lecture by explaining the morals, values and ethics in day to day practice. He also stressed more on professional ethics and Codes of engineering ethics to identify a role with respect to the engineer's consideration for the public, clients, employers, and the profession. He also explained the violation of the code of ethics in civil engineering practice by giving various case studies that have been happening in the recent past.

The second resource person for the day was Mr. Girish M, Senior Assistant Professor, MIT, Manipal. He delivered his vast knowledge on "Nondestructive evaluation of building".

He has explained the working of different types of nondestructive devices and its practice in the construction field. The session was purely technical regarding the evaluation of structural stability and its quality by using various types of nondestructive equipment. Total 110 students have benefitted from this session.

On this occasion members of ACCE Mr. Harish Aithal, Mr.Shathappa, Mr. Manohar, HODs, faculty members & students were present in the program. Ms. Janvi V Nilekani welcomed the gathering while Ms. Alpha I Gurikar proposed vote of thanks. Dr. Jayakesh and Mr. Rohith Prakash Veigas introduced the guests and Ms. Chaithra G Shetty compeered the program.

WORKSHOP ON "ARDUINO PROGRAMMING"

A two-day workshop on Arduino Programming was organized by CodeTroopers club in association with IEEE Student Branch, SMVITM on 27 and 28 September 2019 in order to introduce the Arduino programming to the first-year engineering students of SMVITM.

To inculcate the trait of peer learning among students, the workshop was conducted by a motivated team of budding engineers from SMVITM which comprised of Mr. Suraj Shetty, Mr. Vineeth P Nayak, Mr. Shamith Joshi, Mr. Vignesh Kudva, Mr. Rakshith, Mr. Srivastha, Mr. Harish and Mr. Nikhilesh pursuing second year engineering in different streams.

In the workshop sessions, students were introduced to the basic topics of microcontrollers, programming the Arduino for blinking of single and multiple LEDs, reading and processing the data from different types of sensors, controlling the Arduino through Blynk app and creating a various type of apps using MIT App inventor. Dr. Vasudeva, Professor and Head, Department of CSE, emphasized the relevance of peer learning to students in present day scenario and gave his valuable inputs for the workshop. Mr. Manoj T, Assistant Professor, Department of CSE and Mr. Deepak Rao M, Assistant Professor (Senior), Department of CSE respectively, coordinated the event.

STUDENT ACCOMPLISHMENTS

Mr. Ashuthosh Kumar (4MW17CS011) and Mr. Faheem Ahammad (4MW17CS29), the students of third year Computer Science & Engineering have participated and won First prize in Group Discussion competition held as part of TechCrunch-2K19 organized by the department of Information Science & Engineering, Alva's Institute of Engineering and Technology, Moodbidri on 06 September, 2019.

Students have won awards in the "VTU Single Zone Inter collegiate Yoga Championship 2019" held at HIT Nidashosi, Belagavi on 13th & 14th September 2019. Mr. Chandan K R of First year Civil Engineering student has won the Runner up Championship in individual and Men team won IVth place in Yoga Championship.

• The Students Deepak Nayak, Ullas, Shetty Saurabh Lavakumar and Abhijith S Sherigara of third year Computer Science & Engineering have participated and won the First place in ISRO Hackathon (a 36 hours event) organized by Sahyadri College of Engineering and Management, Mangaluru as part of "AEROPHILIA– 2019" held from 20 to 22 September 2019.

Ms Ashmitha Kalkur, Mr Ullas, Mr Shubjam, Mr Yahya Asadi, Mr Gaan Prabhu, Mr Ashuthosh Kumar, Mr Shreyas and Ms Namratha of 5th Semester CS & Engg have participated in Joshiana – 10.0, National Level IT Fest and won the 1st Prize in Mad Ads on 26th and 27th September 2019 at St Joseph Engineering college, Mangalore.