

SAMSMRUTHI

COLLEGE NEWSLETTER



SMVITM

Vol:6 | Issue: 2 | Year 2022-23 | January - June 2023



*Proud Achievers
of
2022-23*



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Student Council Inauguration



Student council for the academic year 2022-23 was inaugurated on 03 January 2023 at the institute premises. The student council was inaugurated with the lighting of the lamp by the Chief Guest, Dr. Ashvath Vinayak Kulkarni, Advisor Surgical Sciences Innovation, Canada. In his address, he insisted the student council members

to use the powers for the betterment of the student community and for the growth of the institution. Also, appreciated the college authorities for developing democratic system to address the grievances of the students and to ensure the effective participation of the students in the institutional governance.

The Principal of Anandatheertha PU College Shri. Vijay Rao was the guest of honour. In his address, recalled his memories as the member of student council in his college days. Also, insisted the student council members to practice what they preach.

The Principal of SMVITM Dr. Thirumaleshwara Bhat presided over the function. In his presidential remarks congratulated and conveyed his best wishes to the student council members. Also, recalled the association of Shri. Vijay Rao with our institution.

The newly elected members of the student council were administered oath by the Student Welfare Officer Dr. C K Manjunath.

Debate competition on “Sahakari Vishaya”

The Co-Curricular has conducted the debate competition on “Sahakari Vishaya” for students of all branches and all semesters on 3rd January, 2023.

The program is an initiative to help engineering students to know about the effects of cooperative systems. Competitions will be conducted as per the directions of Visvesvaraya Technological University, Belagavi. Institute

level winners can participate in university level competitions. From the “For” side and from “against” side one student has been selected each to compete at the university level.

Ms. Savitha Shenoy, Sr. Assistant Professor, Department of Computer Science Judged the event.

Two days workshop on Python & GUI

The Department of ECE in association with ISTE student chapter has organized two days workshop on “Python & GUI” on 10th and 11th for the benefit of the ECE students. Mr. Mahesh Deginal, Managing director of Karunadu Technologies was the resource person for the workshop. In this workshop, the students has learnt about python which is a trending high level programming language and can be used on a server to create varieties of web applications.

Dr. Thirumaleshwara Bhat, Principal during the inauguration of the workshop, encouraged the students to learn new things and latest technologies. Dr. Sachin Bhat, HOD of ECE department appreciated the students and also highlighted upon the need to update one-self with the current technologies. Dr. Ganesh Aithal, Vice-



principal motivated the students and mentioned the significance of python programming in academics for career opportunities.

Nearly everything you do is of no importance, but it is important that you do it.

- Mahathma Gandhi

Faculty Development Program on Health Care Analytics-Inaugural Function

The inaugural function of Five Days Faculty Development programme on “Health Care Analytics” organized by Department of Computer Science & Engineering in association with Biomedical Engineering Society of India and Indian Society for Technical Education was held on 09thth January 2023. The faculty development programme addresses the need of technological developments in data science and its allied fields. The aim of this FDP is to create an awareness on the usage of analytics and importance of security in the healthcare domain.

Mr Somnath Jogi, Director, Kambala Solutions, Mangaluru was the chief Guest. He spoke addressing the gathering Learning is a continuous process and such faculty development programmes will help in improving the skillset. Such programmes have huge benefit as the knowledge acquired by the faculties can be imparted to the student fraternity. Shri RathnaKumar, Secretary, Shri Sode Vadiraja Mutt Education Trust Udupi was the Guest of Honor, while addressing that there is engineering behind every medical research happening in the present.



He also told that such FDP's not only enrich the minds of the faculty but also give them new horizons to work in and it should be done regularly.

Dr. Thirumaleshwar Bhat was the president of the event. He appreciated the efforts of the Department for organizing the FDP on Health Care which is the need of the present days.

Donation Drive



As a part of Azadi ka Amrit Mahotsav, On the Occasion of National Youth Day, NSS-YRC Unit and Central Library jointly organized a mega Donation Drive in the institute premises.

The event was organized in four different categories; (i) Books (ii) Clothes (iii) Toys (iv) Stationary items. Many students, faculty and staff members were participated in this drive by donating old books, CET books, Novels,



Motivational books, Clothes, toys and many stationary items. More than 50 faculties, staff and students donated a total of 250 books, 50 Clothes and many stationary items. The clothes and stationary items like note books, pens, pencils, erasers, sketch pens etc. handed over to Shri Krishnanugraha Children Fit Institute and Adoption Centre, Udupi and PU Text Books, CET Books Guides were handed over to Shri Anandatheertha Vidyalaya, Pajaka, Udupi.

Whatever happened, happened for the good. Whatever is happening, is happening for the good. Whatever will happen, will also happen for the good.

- Baghavat Gita

Talk on “Swami Vivekananda: The Eternal Youth Icon”

As a part of **Azadi ka Amrit Mahaotsav**, On the occasion of National Youth Day and 160th Birth Anniversary of Swami Vivekananda, NSS-YRC Unit and Institution's Innovation Council jointly organized a talk on “**Swami Vivekananda: The Eternal Youth Icon**” on Thursday, 12 January 2023. Dr. Shivananda Nayak, Professor, Department of Biochemistry, Subbaiah Medical College, Shivamogga, was the resource person.

Dr. Shivananda Nayak started with the presentation by briefing the importance of the Day that is January 12, which is the birth anniversary of Swami Vivekananda, to celebrate and honour what preached, imparted, left for humanity and his contributions. He said that the National Youth Festival is held every year to provide national-level exposure to the young generation of the country, along with encouraging them to participate and contribute in nation-building. To highlight the importance of building a progressive youth population, the theme of the festival this year is 'Viksit Yuva-Viksit Bharat'. It brings to the fore the cultural diversity that India is blessed with as it provides a common platform for participants from across the country to showcase glimpses of their distinct and unique culture.

Dr. Nayak highlighted that the youths are energetic and

enthusiastic. They have the ability to learn, adapt to the environment and act on it to achieve their goals. Youth can bring social reform and improvement in society. Youth of any country is a great asset and they are the building blocks of a country.

Earlier, Principal, Dr. Thirumaleshwara Bhat, briefly highlighted significance of celebrating National Youth Day and explained about life style of Swami Vivekananda. He mentioned that the nation requires the participation from all the youths to achieve their goals and help in taking the country towards progress. More than 150 students including Faculty, Staff were participated in the talk.



Meditation and Mental Health

As a part of **Azadi ka Amrit Mahaotsav**, and Har Ghar Dhyana Campaign, Ministry of Culture, Art of Living Foundation Bengaluru, NSS-YRC Unit and Yoga & Fitness Club jointly organized a session on “**Meditation and Mental Health**” on Friday, 13 January 2023. Dr. Hariprakash U P, Art of Living Teacher and Professor, Department of MBA, SIT, Valachil, was the resource person.

Dr. Hariprakash started his presentation by briefing the purpose of Har Ghar Dhyana campaign that is to engage the youth in mental health education and to equip them with meditation practices for improved health and wellness.

Also he said that this campaign should reach out to masses and youth to educate them about mental health and empower them with the tool of meditation for better health and create a more resilient future for the country. Har Ghar Dhyana will act as a medium for guiding people toward a healthy lifestyle and will encourage them to take up meditation as a regular practice. In order to create a healthy environment across India during the Amrit Kaal, such initiatives are expected to play an important role. Finally, he said that faculty and students should take benefit of this program by introducing to meditation as a solution for positive mental health. More than 150 students including Faculty, Staff were participated in the talk.

74th Republic day celebration

The 74th Republic day was celebrated by hoisting National flag at the institute premises. Mr. Ashok Kotian, Ex- Serviceman, Indian Air force was the Guest. In his address, he motivated the students to be self-reliant for the betterment of our nation. He also stated that self-inspiration is the best inspiration to the NCC cadets to inculcate spirit of Patriotism. He gave a call to young minds to join the armed forces.

Dr. Sudarshan Rao, Dean, All HoD's, Staff members and NCC cadets were present in the occasion.



Invited Talk on “Traditional Medicine History & Importance”

On the occasion of Azadi Ka Amrit Mahitsav, the student chapter of the Indian Society of Technical Education (ISTE) organized an invited talk on 13 January 2023 on the topic “Traditional Medicine History & Importance”

Dr. Jayakrishna Nayak, Professor, Department of Shalaky Tantra, S.D.M. College of Ayurveda & Hospital, Udupi, was the speaker. In his talk he told that the word Ayurveda is derived from the Sanskrit language which is not only a medium of communication, it also gave rise to the whole civilization from which we are benefiting today. The ancient fundamentals of Ayurveda from which the patients are treated today are by the noumenal processes like observation; experience from Nature's workings, without the existence of nature Ayurveda is nothing. Traditional science makes things easy for us and he called traditional food as medicinal food because the process of cooking food in the kitchen is almost the same as preparing medicine in Ayurveda. Every human being is

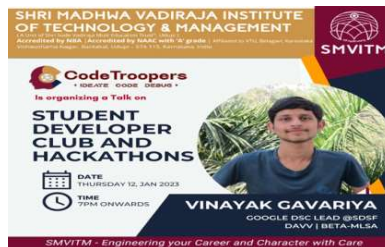


benefited from Ayurveda unknowingly starting from birth till death. He concluded his talk by clearing the students' doubts about the importance of Ayurveda

Virtual Talk Student Developer Clubs, Flagship Hackathons, and Open Source Development

On 12th January 2023, the Code Troopers Club organized a virtual talk on the topic of “Student Developer Clubs, Flagship Hackathons, and Open Source Development”. The speaker for the talk was Vinayak Gavariya, Google DSC Lead at SDSF, who shared valuable insights and information on the topic.

The talk began with an introduction to student developer clubs and the importance of being a part of such clubs. Vinayak highlighted the benefits of joining a student developer club. Then discussed the concept of flagship



hackathons and how they can be beneficial for students. He also discussed the importance of participating in hackathons to build connections and learn new skills.

The speaker also touched upon the topic of open-source development and the benefits of contributing to open-source projects. At the end the speaker shared tips on presenting their work and make connections in the industry by being part of platforms like Google Student Developer Club, Microsoft Student Developer Club, MLH, GitHub.

Guest Talk on Women Health & Hygiene

The Women Empowerment Cell organized a guest talk on Women Health and Hygiene. Dr. Indira Pai Shanbhag, Consultant Obstetrician of City Hospital udupi was the resource person. Around 120 girl students of 1st and 2nd year participated in the session. Lady faculties and staff members of the college were also present. Dr. Indira emphasized the importance of exercise and good nutritious food in well-being of Women Health. She told that PCOD is very common in the present days which can be cured in the early stages with exercise and adequate nutritious food. Also she said that mental health is as important as physical health. She gave an insight about sexual abuse and how it could impact a life of a girl.



Idea Generation Workshop



The Institution's Innovation Council in association with the Entrepreneurship Development Cell organized "IDEA GENERATION WORKSHOP" on 25 January 2023 in the institute premises.

Mr. B. S Revankar, Ex-Director, NITK-STEP, & Honorable Governing Council Member, SSVME, UDUPI inaugurated the session by lighting the lamp.

Prof. Dr. Thirumaleshwar Bhat, Principal has briefed

about the program and also conveyed the students about institution's aim in producing more entrepreneurs and the future planning of Entrepreneurship Development Cell in helping the students to become an entrepreneur.

The chief guest of the program, Mr. B. S Revankar informed the gathering that our country is showing progress in Global Innovation Index due to the effort of Government of India and more young innovators are emerging in the country. He urged the participants to involve themselves in innovation activity and contribute to the growth of the country.

During the session Mr. Revankar encouraged the students to become an entrepreneur by giving various examples of innovation happened during the covid period. He also informed the students that the problems in the society lead to generation of different ideas.

Students were actively participated over the entire session and gained lot of knowledge, awareness and new ideas to think in the direction of becoming an Entrepreneur.

Guest talk on Rocket Propulsion

Dr. B. Narasimha Bhat, former Scientist from NASA was the resource person. Around 120 students were a part of this programme.

Mr. Narasimha Bhat gave an introduction to propulsion systems commonly used in rockets today with emphasis on liquid propulsion systems. He told that rocket engines provide the thrust required to lift payloads such as satellites off the ground and insert them into orbits around the earth. They also launch spacecrafts into space so that they can continue their voyage to other planets such as Moon and Mars and explore space. Mr. Bhat covered common rocket propellants used and the basic design of rocket propulsion systems and components for earth-to-orbit propulsion. Technical management of building rockets and flying them was also discussed.

The session was very informative, interesting and motivational for the audience. The experience of the resource person in NASA motivated the students towards choosing their career in the field. The session gave ideas and innovation that can be taken up by the students in their project work. The interactive session made the students clarify their doubts about rocket propulsion. Mr. Narasimha Bhat is native of Biliyar village of Kapu Taluk.



He was studied at SVH Institute Innanje. He joined National Aeronautics and Space Administration (NASA) - Marshall Space Flight Center in Huntsville, Alabama, where he worked for more than forty years and pursued a career in aerospace materials engineering and technologies that enabled access to space. Dr. Bhat is now retired from NASA and lives in Huntsville, Alabama, USA. Dr. Vasudeva Bhat Biliyoor, Psychiatrist, USA and he was also an alumni of SVH Innanje institute. Shri Padmanabha Bhat, Syndicate Bank were present in the program. Shri. Rathnakumar, Secretary, SSVMET, Dr. Thirumaleshwar Bhat, Principal, SMVITM, Dr. Ganesh Aithal, Vice Principal SMVITM, HOD's and faculties of different departments were present on this occasion.

Ask the right questions, and nature will open the doors to her secrets I am the master of my failure... If I never fail how will I ever learn.

- CV Raman

Parent - Teacher Meet

Parent Teacher Meet held on 04 February 2023. 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.

Prof. Dr. Thirumaleshwar Bhat, Principal, SMVITM, 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 a best manner to excel in their career and have a holistic learning during their stay in the college. Students should have high aim, cultivate good habits, abide by the rules, have good vision and should strive hard to achieve their set goals.

Dr. P V Bhandary, Medical Director and Psychiatric, A V Baliga Memorial Hospital, Udupi will be the Guest of the program. The guest addressed the parents on the topic- "Understanding Adolescent Psychology in Digital Era".

Life style of nowadays had created stress on youths ,they are no longer students and not yet an adult so understand the problem of your son or daughter there are no bad students, anyone can get the problems. Some problems cannot be solved by medicine like addiction to Mobile phones. There are four problems

with M namely media, money, Mobil, motor bike by creating self-awareness in them we can help them. There are some strange problems like anxiety, inferiority etc which should be identified by parents and take the help of college counselling centre.

Finally requested the parents to give time to communicate with their children, listening them increase their self-esteem and understand their problems .mainly not correcting them in front of others. All are unique don't compare them with others.

Shri Ratnakumar, 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 that the college and the management is bound to give the best facilities.

Dr. Ravindra HJ, coordinator for the first year Students of the college gave necessary information about the academic format of the B.E Course. She briefed about University and Institute rules and regulations to be followed by the students.



Enhancement of software skills for futuristic views for Civil and Mechanical Engineering Students



Civil and Mechanical Engineering Department in association with Edu Cadd Udupi organized one week value added course to the Civil and Mechanical Engineering students.

The Inauguration of the value added course was done by the Principal Dr. Thirumaleshwara Bhat officially by opening the Revit software.

The Guest of the program was Mr. Bharath trainer

EduCadd Udupi gave insight into the importance of learning the software to prepare students to become entrepreneurs and to increase the job opportunities by making them industry ready by bridging the gap between Industry and Curriculum. In his address, he highlighted that it is of higher priority for the civil engineers to understand the digital techniques and proper software skills to build the infrastructural development and modern machines with futuristic views. Mr. Bharath, appreciated the Civil and Mechanical Engineering Department of Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal for providing a wonderful platform for the students to enhance their knowledge.

In his presidential remarks principal motivated students to gain various software skills and college management will provide opportunities to enhance software skills. In today's market, software skills are valuable addition to students' core subject knowledge and contribute to a prosperous professional life.

Theme Based Education and Awareness Program for Youth

As a part of Azadi ka Amrit Mahotsav, National Service Scheme Unit, Youth Red Cross Wing Neharu Yuva Kendra, Udupi, Women's Club Shirva, District Legal Services Authority jointly organized one-day workshop on "Theme based education and awareness program for youth" on 24 February 2023 in the institute premises.

Mr.Rathan Kumar Shetty, President, Grama Panchayath Shirva was the chief guest and inaugurated the program by lighting the lamp. In his Inaugural address to the gathering, he said that the public awareness and education is a great way to highlight the need for crime prevention in youth community. The important thing is to get key prevention information out to the target audience like youth, adults or children and encourage them to take action in preventing or reducing crime.

The first session of the program on the topic "Drug abuse and Prevention" was taken by Mr. Prashanth Shetty, Zonal Trainer, JCI India. He explained about various types drugs, drug addiction and preventive measures against drug. Also he said that children and youth must be given maximum awareness about ill effect of drug use.

The second session of the program on the topic "Awareness of Law among Youth" was taken by Mr. Birthi Mithesh Shetty, Advocate, Udupi. He explained that children and young people can be instrumental as a target group to raise awareness and education are one of the powerful weapons to unfold legal consciousness in our society. Elementary knowledge of the law is crucial as it is turning into a compulsory requisite for our society due to a rapid surge in crimes, frauds, misrepresentation, illegal activities, infringement or suppression of civil human rights thus eventually setting for injustice.



The third session of the program on the topic "Clean Society, Healthy Society" was taken by Mr.Anantha Padmanabha Nayak, Panchayath Development Officer, Shirva. He started with the presentation about various categories of waste like dry and wet waste and also explained the process of waste segregation.

The last session on the topic "Personality Development" was taken by Ms.Revathi Nayak Kadthala from NRLM, Udupi. She started her speech with the importance of personality development and said that personality depends on confidence and it comes from knowledge.

Earlier Ms. Geetha Wagle, President, Women's Club Shirva, welcomed the gathering; Mr. Wilfred Dsouza, District Youth Officer, Neharu Yuva Kendra, Udupi briefed about the importance of such programs.

Dr. Thirumaleshwara Bhat, Principal; in his presidential address expressed his pleasure and pride of having seen variety of service activities that has been conducted by National Service Scheme in the past years and gave his best wishes for the events to be held in the future. More than 200 students including Faculty, Staff, members from Women's Club Shirva were participated in the program.

Student of SMVITM Secured 9th Rank



Ms. Janvi V Nelikani of 2018-2022 batch, from the Department of civil Engineering of Shri Madhwa Vadiraja Institute of Technology and Management has secured 9th rank in the Visvesvaraya Technological University, Belagavi. SMVITM Family members are proud of her achievement. Sri Rathnakumar, Secretary, SSVMET, Dr. Thirumaleshwara Bhat, Principal, SMVITM, Dr. Ganesh Aithal, Vice principal, HOD's, Dean, faculty, staff and students congratulated the student for outstanding performance and her achievement. She was very active performer in the college days and obtained best outgoing student award in 2022. SMVITM family wishes her all the best for her future endeavors.

Hands-on Workshop on "Programming Skills Development"

The Department of CSE conducted a hands-on workshop on "Programming Skills Development" for the benefit of 3rd semester students from February 20 to 24, 2023.

The main objective of this course of study is to build on the skills gained by students in Object-Oriented Programming Fundamentals and help advance Java and C++ programming skills. Students will create object-oriented programmes and design object-oriented applications in Java and C++ using hands-on, engaging activities. The five-day course focused on object-oriented programming concepts, which assisted third-semester students in bridging the gap between the lower and upper semesters.

The course instructors for the training programme were Ms. Yashaswini Jogi, Mr. Deepak Rao, Mr. Sharath Kumar, Ms. Sowmya S., Ms. Savitha Shenoy A., and Ms. Sowmya NH, all senior assistant professors in the CSE Department. Totaling 121 participants, they received



hands-on training with respect to object-oriented programming using C++ and Java.

The valedictory session took place on February 24, 2023. Based on assessment and active participation, a few students were identified as "best performers." Dr. Soumya J. Bhat, Associate Professor and Head, Dept. of CSE, handed out tokens of appreciation for Mr. Claton Robert Dsouza, Ms. Devadiga Trupti, Mr. G. Chinmay, Mr. Rohan V., Ms. Vaishnavi Rao B., and Ms. Yuktha.

Anveshana-2023 A Science & Engineering Fair



The students bagged 4th and 5th prizes with cash prize of Rs.7500/- and Rs.5000/- respectively in the Regional Level project competition "Anveshana-2023 A Science & Engineering Fair" held at SDM College of Engineering, Dharwad on 19, 20 and 21 February 2023. They have also

qualified for the final round of Anveshana-2023 to be held on 2, 3 and 4th March at Bengaluru.

A project titled "MEDCAB" developed by Prathviraj, Vikram along with high school students namely Harish and Manvith from SVS High School Innanje under the guidance of Ms. Savitha Shenoy Asst. Professor in CSE Dept. bagged 4th prize and a project titled "Smart Agriculture Technology" developed by Dhanush, Akshatha along with high school students namely Nagaraj and Ayush Shetty of K P S High School Hiriyadka under the guidance of Mr. Nagaraja Rao Asst. Professor of ECE Dept bagged 5th prize.

Anveshana-2023 is a science and engineering fair which is jointly organized by Agastya International Foundation Bengaluru, Synopsys and the Department of School education & Literacy. A total of 35 teams from various parts of the state exhibited their models.

Workshop on Building Planning and Marking



Civil Engineering Department in association with Alumni Cell and ISTE Student Chapter organized a workshop on "Building Planning and Marking" for final year students of Civil Engineering which was held on 27th & 28th February 2023 in the institute premises.

Resource persons for the workshop were Alumni of Civil Department from second, eighth and ninth batch. Total 22 students are present in this workshop.

National Science Day

On the occasion of National Science Day, the student chapter of the Indian Society of Technical Education (ISTE) organized an invited talk on 28 February 2023 on the topic "Global Science for Global Wellbeing"

Mr. Vargees P., Principal, Government PU College, Malpe, Udupi, was the speaker. While addressing students he spoke about the importance of science in everyday life, he emphasized the Raman effect, named after the Scientist who discovered it and to commemorate this discovery we celebrate National Science Day. He told that though most of the inventions were accidental, they play a prominent role to eradicate epidemics and humanitarian causes. As inventions are noteworthy for a country scientists are the



treasures, hence a country can evolve thanks to scientists who find a new approach to problems and prove new scientific laws and solutions. He concluded with a remark that students must question, think, search, and discover, which paves the way to inventions.

A Gender Responsive Approach to Innovation, Technology & Digital Education

The Women Empowerment Cell organized a guest talk on "A Gender Responsive Approach to Innovation, Technology & Digital Education" on account of International women's day celebrations on 8th March 2023.

Mrs. Vidya Shenoy, Head-Talent Acquisition, Manipal Group was the resource person. Around 100 students participated in the session. Faculties and staff members of the college were also present.

Mrs. Vidya told the girl students to speak out in order to grab opportunity and achieve in life.



She spoke about the different challenges they need to face in reaching the higher position in an organization. Mrs. Vidya emphasized on the importance of diversity in innovation and technology.

She said that women are the best to bring out innovation and technology. They need to step out of their comfort zone to change, grow and transform. Mrs. Vidya explained about the different government schemes like Kaushalya yojana, Mudra loan scheme etc available for entrepreneurs.

Paper Presentation Competition

On Saturday, 11 March 2023, the Environmental Club organized a Paper Presentation Competition for I and II year SMVITM students on the topic of "Reduce, Reuse, and Recycle Plastic". Nine teams have participated in the event and presented their project and study reports with great enthusiasm. Dr. Raja Yateesh Yadav, HoD of Mechanical Engineering, and Dr. Deepika BV, HoD of Civil Engineering, served as judges for the competition.

Ms. Vaishnavi Bhat & Ms. Nidhi Patkar of III semester Artificial Intelligence & Data Science and Ms. Rithika & Ms. Shravanthi of I semester Artificial Intelligence & Data Science were the winners of the paper presentation.

Mr. Nischith Nayak welcomed the attendees, Mr. Pratham Kamath delivered the vote of thanks, and Ms. Roshini acted as the MC for the program. The event was



successfully organized by Dr. Sudarshan Rao K, Dean (QA) and the faculty coordinator of the SMVITM Environmental Club with the support of team leaders and members. The Principal, Dr. Thirumaleshwara Bhat distributed the prize for the winners and expressed his appreciation for the organizers and the enthusiastic participants.

Workshop on Paper Pen Making



On Saturday, March 4th, 2023, the Environmental Club conducted a workshop on Paper Pen Making for the students of SVH Kannada Medium High School Innanje in the school premises. During the workshop, the environmental club members discussed the environmental issues caused by the use of plastic and highlighted the drawbacks of using disposable pens made of polystyrene, which can take up to 500 years to decompose, and ballpoint refills made of transparent polypropylene, which can take up to 20-30 years to decompose.

To combat these environmental concerns, the club members introduced the paper pen, which uses refill made of plastic, comprising only 5% of the pen, while the remaining 95% is paper, making it an eco-friendly

alternative. The club members distributed the necessary materials to the high school students, including used A4 sheet paper and refills. They then demonstrated how to make a paper pen, and all 40 high school students actively participated and prepared the paper pens following the guidelines given by the team.

The workshop concluded with the high school students expressing their commitment to using paper pens and promoting them to others. The Headmaster of the high school, Mr. Nataraj, and staff members were also present during the workshop and appreciated the Environmental Club members for conducting a useful workshop. They also assured the students that they would provide refills in the school's stationery so that the students could make their pens.

This workshop served its purpose of educating the high school students about the environmental issues caused by the use of disposable plastic pens and introducing them to the eco-friendly alternative of paper pens.



ಸ್ವಾದ ಸದನ

The cooking event ಸ್ವಾದ ಸದನ was conducted for second-year students of the Department of Computer Science & Engineering by the Co-curricular/ExtraCurricular Committee of the Department on 25-02-2023. The event was conducted as a part of a study of the Social Connect and Responsibility subject of their curriculum. Totally 16 teams from both sections participated in the event.

The purpose of the event was to provide students with insights into various traditional food grains, pulses, fruits, and vegetables of South Canara. It was an opportunity for students to learn about the traditional food dishes prepared from various millets.

The students were supposed to prepare sweets using millet, healthy snacks without using fire, and a healthy beverage.

The event was judged by Dr. Deepika B V, HOD, Department of Civil Engineering and Mr. Ananthesh Rao, Senior Assistant Professor of Mechanical Department.



Ananya Poojary and team won the First Place from A Section and Smitha and team won the First Place from B Section.

Navya and Team won the second place from A Section and Saathwik Nayak and team won the second place from B Section.

UniCourt Day



In the presence of H.H Shri Vishwavallabha Theertha Swamiji, the CTO & Co Founder Shri Prashanth Shenoy (Unicourt India), Mangalore Infotech Solutions Private Limited, Software Development, Mangalore, celebrated Unicourt Day on 21st March, 2023 along with Unicourt Team. Management, Staff & Students also witnessed this celebration. Also a Memorandum of Understanding (MoU) signed between SMVITM and Mangalore Infotech Ltd. in the presence of revered swamiji.



The Event started with invocation & inauguration seeking the blessings of H.H Shri Vishwavallabha Theertha Swamiji. Principal Dr. Thirumaleshwara Bhat extended hospitality by welcoming the Swamiji,

CTO & Co- Founder of unicourt & dignitaries present on & off the Dias. There on the lightning of lamp was held. Followed by CTO & Co Founder Shri Prashanth Shenoy addressed the gathering. Stated the gathering,

stated that we are in IT challenge era. We have to gear up ourselves to face the modern challenges. Unicourt day in organized to create such awareness amongst students. He also expressed his happiness towards Swamiji's institute in connecting SMVITM to Unicourt India team. Swamiji in his presidential remarks spoke about today's world smartness. He narrated the story of how the word "Bugs" came in to computer world. He called students to utilize such opportunities created by college and grow as strong performer of tomorrows. He thanked unicourt team for organizing such meaningful event at campus. After inauguration the team of Unicourt along with CTO & HR delivered presentation & educated students with various topics such as data engineering, Devops etc. Afternoon sessions where hands on technical labs for students. The day ended with the valedictory expressing the acknowledgement to team of unicourt with memento & sharing reviews on entire day's session. CTO & Co Founder Shri Prashanth Shenoy (Unicourt India) shared his experience on Unicourt Day.



Ananthotsava Inauguration



Ananthotsava-23 (renamed as a tribute to beloved Late Ananthesh Rao, who passed away recently), an inter-collegiate techno-cultural fest, was inaugurated on 23rd March 2023.

Our proud Alumnus Mr. Rahul V Kotian, Managing Director, Anikrithi Engineering Pvt. Ltd & Pebble Grey Design Studio was the Chief Guest for the function.

While addressing he shared that real learning happens in life once a person steps out into the world after student life, also recalled his memories associated with the college. Mr. Nikhil Acharya, another alumnus of the college and Senior Product Designer, Aspire FT, Singapore was the Guest of Honor. While addressing highlighted the importance of adaptability to overcome challenges faced in life and recalled the days spent at SMVITM.

Shri. Rathnakumar, Secretary, SSVMET, Udipi in his address, recollected contribution of alumni guests and urged the students to become performers like today's guest.

His holiness Shri Vishwavallabha Theertha Swamiji in his blessings advised the students to put right effort with enthusiasm to achieve in life.

Maneesh student of first year AI-ML presented Swamiji's portrait made from thread and nails.

Valedictory Ceremony of Ananthotsava - 23



The valedictory ceremony of the intercollegiate techno-cultural fest, *Ananthotsava-23*, held on 23rd March 2023.

Around 200 students from various institutes across Karnataka participated in the various events held as part of the fest. Shree Devi Institute of Technology, Kenjar, Mangaluru won the Ananthotsava - 23 championship and Vivekananda College of Engineering and Technology, Puttur secured runner up place.

Mr. Jagdish Acharya, CEO, Paints & Coatings Skill Council, Former CEO of PPG Asian Paints was the chief guest of the program. In his address, he insisted everyone to be true to self, practice humility, always think of long term implications while taking decisions and have a proper work life balance to achieve happiness in life.

The prizes were distributed to the winners of various



technical and cultural competitions of Ananthotsava. Shri. Rathnakumar, Secretary, Shri Sode Vadiraja Mutt Education Trust, Udipi presided over the ceremony. In his presidential address, congratulated the prize winners as well as the participants for active participation. Dr. Thirumaleshwar Bhat, Principal of SMVITM, Dr. Ganesh Aithal, Vice Principal of SMVITM and Ms. Renita Sharon Monis, Co-Curricular coordinator were present on the dais.

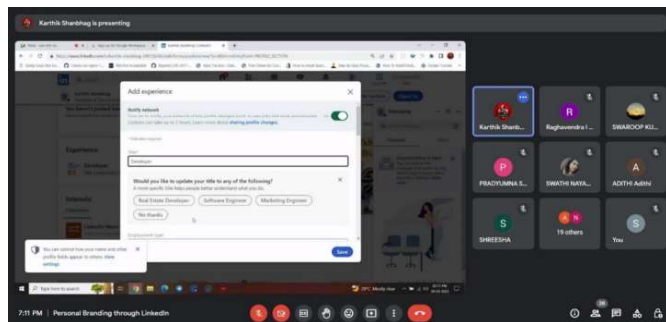
Ms. Rajashree Nambiar welcomed the gathering. Ms. Renita Sharon Monis presented the report of Ananthotsava - 23. Ms. Savitha Shenoy introduced the chief guest to the gathering. Ms. Vijetha and Mr. Arun Upadhyaya announced the winners of various technical and cultural competitions. Ms. Aditya V D rendered an invocation. Mr. Nagaraj Rao proposed the vote of thanks. Ms. Kushi Bangera and Ms. Adithi Nayak compered the program.

As a part of the Ananthotsava - 23, the students of the institute exhibited a rock band performance

which was well appreciated by the audience.



Personal Branding Through LinkedIn



Department of Computer Science and Engineering in association with ISTE Student Chapter organized a peer learning session on the topic 'Personal Branding Through LinkedIn' on 20th March, 2023 for the 2nd year Students. The session was held online through google meet. Ms. Shrutha V Bhat, student, 4th Year CSE and Mr. Karthik Shanbhag, Student, 3rd Year CSE addressed the students about the basics of LinkedIn. They emphasized on the need of having an active profile in the platform. They also spoke about the job opportunities that one can get through LinkedIn, how to get referrals, how to contact Hiring Managers and how to build a strong presence on LinkedIn.

Tell me and I forget. Teach me and I remember. Involve me and I learn.

-Benjamin Franklin

Annual Day Celebration



The 13th Annual Day celebration was held on 24th March 2023 at the institute premises.

Paramapoojya Shri Vidyashreesha Theertha Swamiji, Shri Vyasaraaja Matha, Sosale was present in the ceremony and in his blessings he said that resilience of human kind was evident during Covid times, which was the result of able leadership which instilled hope. He advised students to develop optimism and not to lose hope in the difficult situations.

Paramapoojya Shri Vishwavallabha Theertha Swamiji, President of Shri Sode Vadiraja Mutt Education Trust (SSVMET), Udupi, presided over the function and in his presidential remark he said that discipline is the bridge between goals and accomplishments. It can bring out the valuable gem hidden inside everyone which will lead to success in life.

Justice K N Phaneendra, Upalokayukta, Karnataka was the chief guest and in his address, he said that value based education is where a teacher performs roles of both mother and father inculcating values in their students. He also urged present day youth should take resolution to create corruption free society.

Awards related scholarships and academic proficiency prizes instituted by various philanthropists, individuals and organizations were awarded to the recipients on the occasion. Mr. Sheshagiri Vaikunt Pai, Department of Mechanical Engineering and Ms. Ranjani, Department of Computer Science & Engineering were awarded with best outgoing student awards. Faculty members who have completed PhD in recent years were felicitated.

Sri. P Srinivas Thantry, Vice President of the SSVMET, Sri. Rathnakumar, Secretary of SSVMET, Sri. Sunder Madakshira, Sri. Sham Sunder, Sri. Jagdish Acharya, Governing Council members of the institute, Dr. Thirumaleswara Bhat, Principal Dr. Ganesh Aithal, Vice Principal and Ms. Shreya Nayak, General Secretary of Student council were present on the dais.

Shri. Ratnakumar, Secretary, SSVMET welcomed the gathering. Dr. Thirumaleshwara Bhat, Principal of the institute presented the annual report of the academic year 2022-23 highlighting institute accomplishments and achievements of students and staff.



Alumni Meet

"Alumni Meet - 2023" was organized on 26 March 2023. More than 200 alumni members are participated in this event.

Shri. Rathnakumar, Secretary of Shri Sode Vadiraja Mutt Education Trust, Udupi was the chief guest of the formal function. He interacted with our alumni in this occasion. He told some story of his life to students how to achieve their goal.

Dr. Thirumaleshwara Bhat, Principal was presided over the formal function and in the presidential remarks, he expressed gratitude towards our alumni for their continuous support for the growth of the institution and support of Alumni is much required in "Super 30" program.

Dr. Thirumaleshwara Bhat welcomed the participants and briefed on the achievements of the institute in the recent years. Mr. Roshan S Kotian, Assistant professor and Institutional Alumni Coordinator briefed the events



organized by the Alumni Cell of the college till date. The formal function is followed by various cultural performances by the alumni.

Graduation Day – 2023

The Graduation Ceremony for the ninth outgoing batch was held in the institute premises on Sunday, 26th March 2023. Dr. M S Moodithaya, Pro Vice Chancellor, Nitte (Deemed to be University) was the chief guest and in his graduation day address he advised graduates to salute parents for their sacrifice and dedication, never forget about alma mater and always have an attitude of gratitude. He also said that life will teach more lessons

Sode Vadiraja Matha handed over the gold medals sponsored by Mr. Prashanth Shet, S.L.Shet Jewellers Mangalore for the branch toppers. Ms. Jaanvi S Nilekani of Civil Engineering, Mr. Bhargavaram Udupa of Computer Science and Engineering, Ms. Bhoomika J S of Electronics and Communications Engineering and Mr. Rajath Kumar of Mechanical Engineering won gold medals for their splendid academic performance.



than any schools, and to never lose hope. He appreciated SMVITM for giving quality education in this region.

Mr. Prashanth Shenoy Katpadi, CTO/ Co-founder, Unicourt, Mangalore who was the guest of honour congratulated the graduates. He advised the graduates to follow their passion and not to be afraid of failures. He also shared tips to lead a successful life. He also said that hard work is the only path to success and there are no shortcuts.

Paramapoojya Shri Vishwavallabha Theertha Swamiji of

Swamiji while addressing the gathering congratulated the graduates and said that being virtuous graduate is the real asset to the society. He suggested to inculcate the qualities like being resourceful, being ethical and also to abide by good character in life.

Principal Dr. Thirumaleshwara Bhat welcomed the gathering. Shri Rathnakumar, Secretary, SSVMET, congratulated the graduates and appealed them to join hands with the institute to realize the dream of Shri Swamiji to establish Madhwa University in near future.

Tech Talk on Placement Preparation

Department of Computer Science and Engineering in association with ISTE Student Chapter organized a peer learning session on Placement preparation, 'Tech Talk' on 28th March, 2023 for the 3rd year CSE Students. Final year students Ms. Shrutha V Bhat and Mr. Yajnesh addressed the students about various placement preparation strategies. They emphasized on the need of preparing early and being consistent in the process. They also spoke about the various job opportunities, both in Government and Private sectors, different platforms to use for placement



preparation. They also stressed on the necessity of having great communication skills and ways to improve it.

Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success.

-Swami Vivekananda

Mentoring Program for Diploma Students

The Co-Curricular Committee and Code Troopers Club of Computer Science and Engineering Department in association with Department of Computer Science and Engineering of Indira Shiva Rao Polytechnic College, conducted a Mentoring Program on Full Stack Development for 15 Diploma students. The program was conducted on every Friday afternoon during the period from 05-11-2022 to 06-01-2023 was led by mentors Mr. Vishwas Prabhu and Mr. Yajnesh, both final-year students of SMVITM under the guidance of Mrs. Savitha A Shenoy, Assistant Professor of SMVITM and Mrs. Shubhalatha, HOD of CSE Dept of ISRP.

The course covered a variety of topics, including HTML, CSS, JavaScript, TypeScript, Git & GitHub, Node.js, React, MongoDB, ES6, Rest APIs, Cloud Computing, Micro Services, Docker, and Kubernetes. The students gained an understanding of the fundamentals of the above-mentioned topics.

In the initial days, the students were provided with theoretical knowledge followed by a hands-on session



guided by the mentors. Each student was given a different assignment to be done on Tech Stack such as React, MongoDB, HTML, CSS, JS, Docker, and Kubernetes. The topics which were covered would be very helpful to the students for various assignments and works in future.

The valedictory program of the course was held on 06-01-2023 at Seminar Hall of Indira Shiva Rao Polytechnic College.

Hands -On Automotive Workshop

The Department of Mechanical Engineering organized a two-day hands-on automotive workshop on the 3rd and 4th of April, 2023 in the institute. The workshop was conducted under the aegis of the institutional Electric Vehicle Club in association with Yamaha Udupi Motors.

Mr. Ananth M Mallya, one of the EV club coordinators, welcomed the gathering. Mr. Titus Suvaras introduced the other two resource persons. Dr. Sudarshan Rao, Dean (IQAC), addressed the audience and spoke about the importance of IC engine vehicles even when electric vehicles are becoming popular.

The workshop was attended by a large number of interested students. The resource persons Mr Titus Suvaras, Mr Amar and Mr Ravindra took the students through a guided tour of the history of Yamaha vehicles, followed by hands-on sessions on disassembling and assembling a Yamaha R-15 liquid cooled engine.

The students thoroughly enjoyed the sessions and were enlightened on the intricacies of an internal combustion engine. They were taken by surprise when they saw the number of parts that need to work together in synchronization for an engine to perform as it should.

The technicians also demonstrated the location and purpose of various filters that are used in two wheelers. The students were explained the differences between BS-



4, BS-6 and RDE Emission Norms. The improvement in technology has recently pushed up the cost of two wheelers in the country, and this was explained to the students.

The sessions ended with the presentation of appreciation letters to the resource persons by Ms. Akshatha Rao, one of the EV club coordinators. The workshop was heartily appreciated by the attendees.

Each morning we are born again. What we do today is what matters most

-Buddha

The issue of Micro-plastic Pollution



Civil Engineering Department in association with ISTE and Sthapathi student club organised a talk on “The issue of Microplastic Pollution in the Aquatic Ecosystem of Coastal Karnataka” by Dr. Anish Kumar Warriar, Associate Professor, Department of Civil Engineering, MIT, Manipal on 10-04-2023 at 11am in seminar hall Admin Block.

He his first part of talk he spoke about the plastic pollution, its causes and effects. In the second part spoke about his research work in various resource such as Case study in microplastics pollution in river Nethravthi, micro plastics in Manipal Lake and micro-plastics in St. Marys Island. He also spoke about research work of submarine groundwater discharge of microplastics and research work near Kota Mangrove region on fishes and crabs. He gave various examples related to plastics use as coffee cups, grocery bags, ordering online food. He spoke about what is plastic, what is it made of , how it is made and about micro plastics and macro plastics and its effects to ocean. He said that 117 trillion plastic bags currently present in oceans. He spoke on major topic on what happens to the aquatic life by the plastic and gave the example of midway island. He informed about the physical threat to marine life.

At last he gave the 5R's refuse, reduce, reduce, recycle, redesign to control the use of plastic waste that ends up in the ocean. He also spoke about the alternatives to plastic. Finally, he concluded to use 5R's and its each and everyone's responsibility to stop disposal of plastic waste to ocean.

Alumni Interaction on Roadmap to Data Science & Analytical Industry

Department of Electronics and Communication Engineering in association with ISTE Student Chapter and Alumni Cell had organized an Alumni Interaction Session on 21-04-2023. Mr. Bharath Shenoy, Human Resource Executive-System & Analytics, Intelliswift Software Inc. was the resource person.

At the beginning of session a short introduction to the topics of Data Science and Data Analytics were given with examples, which helped the students to relate the topics to the realtime applications. The comparison between the two fields facilitated to distinguish between them. The roadmap to become a data scientist and the data analyst roadmap gave knowledge about the different fields of science and engineering that are required to become a successful data scientist and data analyst. Along with these, non-tech domain knowledge, data analytics learning and development tools available were also discussed. The variety of opportunities in the field of

data science and data analytics was highlighted. At the end, the importance of acquiring technical skills and knowledge along with current marketing trends were briefed. Ms. Ankitha Bhat, 6th semester, ECE was the Master of the Ceremony. Mr. Chetan R, Secretary/ Treasurer ISTE as a concluding remark addressed the students about the importance of alumni interaction and current trends in the industry.



Once you start working on something,
don't be afraid of failure and don't abandon it.
People who work sincerely are the happiest

- Chanakya

Leaf Plate Molding Machine for Producing Biodegradable Plates

Final year Mechanical Engineering students at have developed Leaf Plate Molding Machine for Producing Biodegradable Plates from Waste Leaves. The project work was carried out by Mr. Sheshagiri V Pai, Mr. Prathik Ambalpady, Mr. Chandan Nelli M K, Mr. Prathviraj under the guidance of Dr. Sudarshan Rao K, Dean (Quality Assurance) & Professor of Mechanical Engineering. At present, in the market, we will get the leaf plates (areca, banana) made from a whole leaf. Damaged leaves cannot be formed into plate. By considering the above problem, in this project, waste leaves are made to fine powder, mixed with edible binders, and then formed into plates. So, the reuse of waste leaf will leads to reduction in material cost. Using this machine students have prepared good quality



biodegradable plates from the dried pine apple leaves, saw dust and rice husk. Considering the innovativeness in the project, Karnataka State Council for Science and Technology (KSCST), Bengaluru has sponsored this work.

State Level ISTE Award to Shrutha V Bhat



Ms. Shrutha V Bhat of final year Computer Science and Engineering student has been

awarded with Prestigious Karnataka State Level Best Student of the Chapter Award for her overall performance and active involvement in organizing events under the ISTE Student chapter of the college for the year 2022-23. The award was handed over to her during the inaugural ceremony of 18th Karnataka State Level ISTE Student Convention held on Saturday 06th May 2023 at Vemana Institute of Technology, Bengaluru. This is sixth time the student of this college is receiving this award.

Robot Assistant For Visually Impaired

The major sensory organ of a person is their eyes. One glimpse around us makes us realize the importance of sight. Having to deal with blindness is one of the challenges faced by the visually impaired. The blind population faces a lot of difficulties in accomplishing their day-to-day activities.

To provide an innovative solution to this problem, our final year students of Electronics and communication Ms. Shreya Udupa S, Ms. Sneha J S, Ms. Tulasi D J, and Mr. Yashwanth Naik have devised a model titled "Robot Assistance for Visually Impaired" under the guidance of Mr. Chetan.R Sr. Asst. Professor, Electronics and Communication department and sponsored by Karnataka State Council for Science and Technology (KSCST) Indian Institute of Science, Bangalore.

The objective of this project is to assist the visually impaired in their everyday task such as navigation from one place to another and identifying objects. The identification of objects and the detection of obstacles are



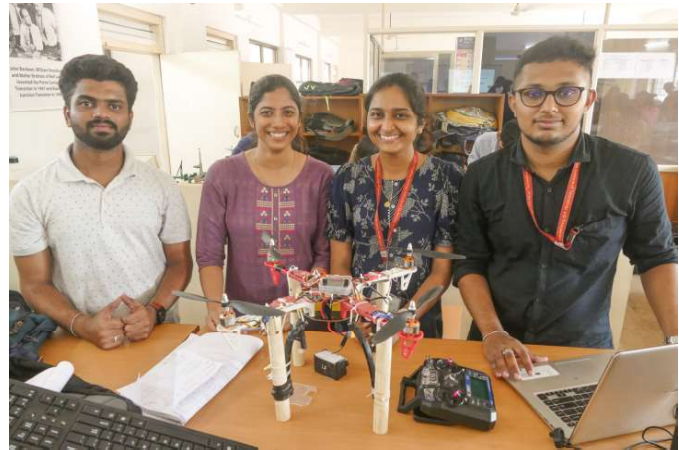
done through a voice-enabled system that would direct the visually challenged person in their day-to-day work. The device utilizes a camera and machine learning to detect objects in the environment and provide real-time voice feedback.

Project Exhibition of Final Year Students

Co-curricular committee in association with ISTE student chapter of SMVITM and Institute Innovation Council organised the Final Year student Project Exhibition on account of National Technology Day in the institute premises on 12th May 2023.

The exhibition was organised separately for the students of their respective departments. 8 projects from Mechanical Engineering, 21 projects from Electronics & Communication Engineering, 7 student's Projects from Civil Engineering and 31 projects from Computer Science & Engineering were exhibited at the department. The live models of the project along with presentations and banners were exhibited enthusiastically by the students. Principal, Dr. Thirumaleshwara Bhat, Vice Principal, Dr. Ganesh Aithal, Dean QA Dr. Sudarshan Rao K visited the project exhibition and discussed with students who were representing their Projects and also gave good suggestions to them. HOD's, faculty and students also visited the project exhibition and interacted with the final year students. Two best projects from each branch were awarded.

Prof. Dr. Thirumaleshwara Bhat, Principal said that the achievements of the students are the best advertisements for the institute, students' good words and works reflect the performance of the institute.



Faculty Development Program

Shri Sode Vadiraja Mutt Education Trust, Udupi in association with Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal, in association with ISTE Faculty chapter of SMVITM organized Four Days Faculty Development Program on "BEING THE CATALYST" in the institute premises for the faculty Members of SVH P.U College Innanje and SVH Kannada and English Medium School of Kadiyali and Innanje.

The inaugural ceremony of the program was held on 15th May 2023. The program was started by lighting the lamp. Shri Ratnakumar, Secretary, SSVMET Udupi was the Chief Guest of the program, he opined about the importance of attending these types of FDPs which throw light on recent developments in the teaching learning process and also he focused on the need of transformation required on faculties to teach current generation students he also appreciated the contribution given by the faculty members of various institutions of SSVMET. Prof. Dr. Thirumaleshwar Bhat Principal of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal presided over the function. He informed the participants about fruitfulness of the session on FDP and to make best use of it. Dr.Lolita Priya Castelino gave a brief prelude to Four Days Faculty Development Program

on "BEING CATALYST".

More than 40 participants from various institutions of SSVMET participated in the FDP. The program started with invocation by Dr. Manjunath, Assistant Professor(Sr) Department of Mechanical Engineering, Mr. Pundarikaksha Kodancha, Principal of SVH PU College, Innanje, welcomed the gathering, Mr. Nataraja Upadhyaya Headmaster Innanje High school proposed the vote of thanks. Mr. Ananth Mohan Mallya, Assistant Professor(Sr), Department of Mechanical Engineering compered the program.



Spatial Distribution of Iron Content in the Aquifers using GIS Interpolation and Treatment using low cost Filter Media: A Case Study in Udupi Taluk

Water is an essential resource for various beneficial uses. Surface water and groundwater is extensively used to meet the various domestic and industrial demands. Increased urbanization and industrialization are discharging the wastewater into the environment without treatment. By the runoff and infiltration, the water is reaching surface and subsurface water bodies and contaminating the fresh water. Treating groundwater is costly and requires proper assessment. The key measure for effective management of groundwater is by preventing the seepage of waste water into aquifers.

The selected study area is Udupi Taluk of Karnataka state, where the water from the unconfined aquifer is used more than the surface water. The subsurface water usage is much widely done in the region like Udupi. The lateritic soil in the region induces iron content to the water. Iron content in the water causes stains on the clothes, increases corrosive action of water, and leads to the growth of iron bacteria.

The higher concentration of iron in the region is may be due to point and non - point sources such as leakage from landfills, municipal sewers, septic tanks, infiltration of irrigation water containing pesticides and fertilizers, accidental spillage of paints and pigments, pollution from petrochemical and volatile organic compounds extensively used in industry, saltwater intrusion, etc. All these lead to major health effects and water-borne diseases.

The groundwater quality parameter such as iron content from randomly chosen open wells is analysed in the laboratory. The maps generated using interpolation



approaches gives the variation of iron content and also the vulnerable or the sensitive areas with respect to iron. The generation of maps using GIS application acts as a decision support system for the administrators to take up preventive measures to reduce the water pollution in the area. In this filtration process is used to treat the higher iron content water samples, the low cost filter media sugarcane bagasse ash is used to treat the water with the greater efficiency of in the range of 70% and which is within BIS Limit.

The project is relevant to society as water is basic necessity, this kind of maps and low cost treatment will be having societal benefits. As the low cost media can be used in each and every household, the project also comes under lab to land theme.

Under the guidance of Dr. Deepika B V, Associate Professor, HOD of Civil Engineering Department the students are Adarsh, Adithya Krishna Bhat and Priyanka Dsouza, this project has been selected under the KSCST.

ISTE Annual Day and Farewell Program

ISTE chapter organized Final year Students Farewell program and ISTE annual day in the institute premises on 13 May 2023.

Shri Rathnakumar, Secretary of the SVMET, Udupi was the Chief Guest. Speaking on the occasion, he said that the achievements of the students are the best advertisements for the institute, students' good words and works reflect the performance of the institute.

During the ceremony ISTE office bearers were felicitated and ISTE cell of Electronics and Communication Department received Active department prize for conducting more number of technical activities during 2022-23.

Prof. Dr. Thirumaleshwara Bhat, Principal presided over the function. In his presidential remarks he wished the



students for their bright future. In each Department two best projects were awarded during the farewell function.

Hackothsava 2023-Inaugural Function



The inaugural function of Hackothsava 2023, a state-level, 24-hour Hackathon organized by the Department of Computer Science & Engineering of in association with the Institution's Innovation Cell and Indian Society for Technical Education was held on 2nd June 2023 at college premises. Kambala Solutions, Biwam India and Niveus Solutions were the partners for the Hackothsava 2023. Dr. Geetha Maiya, Director of Student Affairs, Manipal Academy of Higher Education, Manipal was the Chief Guest. At the outset she congratulated all the

participating teams. She emphasized that participation is more important than winning. Also she said that such events help in developing leadership qualities, teamwork, enhancing learning skills and problem solving capabilities. Dr. Maiya mentioned that Innovation and collaborative work are very important aspects in the present days. She said to the students that participation in such events help to develop the career of the students and they need to use these opportunities to emerge as young entrepreneurs.

Shri RathnaKumar, Secretary, SSVME Trust Udupi was the Guest of Honor. He congratulated all the participants and mentioned that it was a proud moment to have students from prestigious institutions across different parts of Karnataka.

Dr. Ganesh Aithal, Vice Principal in his presidential remarks stated the importance of Hackothsava and requested the participants to participate enthusiastically in coding Quests. He said that the educational application developed during Hackathon of 2021 helped solve rural area problems. He concluded by wishing the best to all participants.

“Hackothsava 2023”-Valedictory Function



The valedictory function of Hackothsava 2023, a state-level, 24-hour Hackathon organized by the Department of Computer Science & Engineering in association with the Institution's Innovation Cell and Indian Society for Technical Education was held on 3rd June 2023 at college premises.

Mr. Prasad Pai K, Data Architect, Niveus Solutions was the Chief Guest of the program. During his address Mr. Pai highlighted that with the growth of manufacturing in India, IoT would gain more prominence and a synergy across branches of engineering would be very much essential. Speaking specifically about the Hackothsava 2023, he appreciated the efforts of the students, how they can further improve and seek a career in the IT Sector. He advised the students to be creative and implement reliable research as a part of their regular routine to excel.

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. He

also appreciated all the concerned people responsible for the success of the event and also advised to keep on organizing such programs regularly so as to benefit the student community.

Winner of Hackothsava 2023 under the theme Transformative Education with a cash prize of Rs. 25,000, Heisenberg, SJEC, Mangalore, second prize with a cash prize of Rs. 15,000 Team Vita, SJEC, Mangalore and third prize with a cash prize of 10,000 team Infinite Loop, MITE, Mangalore.

WINNER of Hackothsava 2023 under the theme Sustainable Industrialization with a cash prize of Rs. 25,000 Hive Link, Canara Engineering college, Mangalore, second prize with a cash prize of Rs. 15,000 Technowarrior, and third prize with a cash prize of Rs. 10,000 Team Urban, JIT, Bengaluru.



National Institutional Ranking Framework on Innovation (NIRF)

We secured a position in the band of 150-300 top ranking institutes in the recently announced National level NIRF ranking on "Innovation and Entrepreneurship" stream. This is an initiative of Ministry of Education (MoE), Govt. of India to systematically rank all major higher educational institutions and Universities in India on indicators related to "Innovation and Entrepreneurship Development".

National Institutional Ranking Framework Innovation (NIRF) ranking is awarded to the institutions and Universities based on the parameters such as Innovation & Entrepreneurship mind-set development, I&E teaching and learning, I&E infrastructure & Facilities, Innovations



developed, Start-ups established, Colorations with other Institutions, Intellectual Property (IP) Commercialisation. Shri Shri Vishwa Vallabha Theertha Swamiji, the chairman of Shri Sode Vadiraja Mutt Education Trust, Udipi, congratulated the Institute for securing this honour in the national level ranking on innovation and Entrepreneurship. Also the management of the institute appreciated the efforts of

the institute in achieving this position.

At the same time, Poojya Swamiji congratulated the Visvesvaraya Technological University, Belgaum for improving NIRF University level ranking from the existing 72nd position to 63 positions in the University category in NIRF-2023.

Enabling Students with IEEE Project

The Central Library has organized the session on 'Enabling students with IEEE project topics through IEEE Xplore awareness session' by M S Srinivasa, Training Manager, EBSCO Information Services. Total of 60 students participated in the session. The main intension behind organizing the session is to give an idea about how good topics for projects could be selected through IEEE. Sir gave detailed explanation on searching different good project topics in IEEE Explore. He also explained lots of features available in IEEE Explore.

Once the session is completed, quiz was conducted for the students to know how much they have gained from the session. Based on the scores, for 1st, 2nd and 3rd winners attractive IEEE products have been given as prizes. For all students who have attended the sessions, IEEE product



was distributed as a token of gratitude by the resource person. For all prize winners, prizes were distributed by Principal Prof. Dr. Thirumaleshwar Bhat.

Awareness drive against plastic

As a part of Azadi ka Amrit Mahaotsav, On the occasion of World Environment Day, NSS-YRC Unit and Environmental Club jointly organized "Awareness drive against plastic". The program was mainly organized to create awareness among the people and public against the usage of plastic. More than 500 student volunteers actively participated and rendered their service in and around the college, Shankarpura, Udupi and near to their places by distributing paper covers and paper bags to medical shops and grocery shops which was made by them. Students created awareness on Waste minimization in an efficient way by focusing primarily on the first of the 3-R's,



"Reduce," followed by "Reuse" and then "Recycle" and also explained about benefits of paper recycling.

Mini Project Exhibition and Competition



Co-curricular committee in association with ISTE student chapter and Hobby Project club organized a Mini Project Exhibition for First, Second & Third year students in the institute premises on 24th June 2023.

Dr. Thirumaleshwara Bhat inaugurated the project exhibition. In his remarks he advised that apart from theory students need to be good in technical aspects which can be possible only by doing Projects. The exhibition was organized for the students in Physics Lab, Chemistry Lab and Basic Electrical Engineering Lab. Total 59 projects were exhibited, from first year 6 projects, from second year 38 and from third year 15 projects. The live models of the project along with presentations and banners were exhibited enthusiastically by the students.

Principal, Dr. Thirumaleshwara Bhat, Vice Principal, Dr. Ganesh Aithal, Dean QA Dr. Sudarshan Rao K visited the Mini project exhibition and discussed with students who were representing their Projects and also gave good suggestions to them. HOD's, faculty and students also visited the project exhibition and interacted with the students. Six best projects were awarded with cash prizes.



Blood Donation Camp



As a part of Azadi ka Amrit Mahotsav and on the occasion of World Blood Donor Day, National Service Scheme (NSS), Youth Red Cross Wing and NCC Unit Kasturba Hospital Blood Centre, Manipal jointly organized one-day Voluntary Blood Donation Camp on 15 June 2023 in the institute premises.

Dr. Deepika, Associate Professor, Department of Immunohematology and Blood Transfusion at KMC Manipal inaugurated the camp by lighting the lamp and delivered the inaugural address stating the importance of blood donor day and encouraging the donors for their selfless donation of blood for the right cause in saving the lives of people. Dr. Thirumaleshwara Bhat, Principal; delivered the presidential remarks and mentioned that there will be a continuous support from the institute to

this noble cause and appreciated the students and staff for their selfless act of blood donation to the serve society and make a significant difference in someone's life. He thanked NSS and NCC Unit of SMVITM for arranging the blood donation camp and urged the coordinators of NSS and NCC to conduct the same twice every year.

Dr. Ganesh Aithal, Vice Principal, SMVITM, Bantakal; Nagaraja Rao NSS-YRC Unit Coordinator; Mr. Karthik V, NCC Coordinator; Departmental Coordinators, Dean, HODs, Faculty, Staff, Office bearers and members of NSS-YRC Unit and NCC Unit were present during the inaugural function.

More than 100 Volunteers, including faculty, staff and students of SMVITM and public had donated blood and with a total of 95 units of blood collected at the camp.



Value Added Course on Entrepreneurship

The Institution's Innovation Council in association with the Entrepreneurship Development Cell of SMVITM is organizing a "VALUE ADDED COURSE on ENTREPRENEURSHIP" from 19th to 23rd June 2023. The inaugural function of this program was held on 19 June 2023 in the institute premises.

Dr. B Rajashekar, Dean and Professor of Manipal College of Health Professions inaugurated the session by lighting the lamp. In his address, Dr. B Rajashekar offered a lot of motivation and inspiration for students to pursue entrepreneurial endeavors. He also mentioned about essential characteristics required for the entrepreneurs such discipline, vision, adaptability, creativity, communication and idea generation etc. He concluded his speech by giving tips on entrepreneurship and also quoted that skill and hard work makes the entrepreneur successful in his carrier.

Later the Guest of honor Sri Ratnakumar, Secretary, SSVMET, Udupi addressed the gathering. He mentioned

about institution's aim in producing entrepreneurs and the future plans for the Entrepreneurship Development Cell at SMVITM to assist students in becoming entrepreneurs.

Prof. Dr. Thirumaleshwar Bhat, Principal, SMVITM, briefed students about the program and the importance of value added courses on entrepreneurship. Also, he mentioned that the institution will start an incubation center on its campus.



International Day of Yoga-2023

As a part of Azadi ka Amrit Mahotsav, National Service Scheme (NSS), Youth Red Cross Wing, NCC Unit and Yoga & Fitness committee celebrated International Day of Yoga (IDY-2023) with a theme "Yoga for Vasudhaiva Kutumbakam" on Tuesday, 21 June 2023 in the institute premises. Sri. M Venkatesh Mehendale and Sri. K Raghavendra Bhat, Jilla Prabhari, Bharath Swabhimam Trust, Udupi will be the resource persons for this program. Shri Raghavendra Bhat started his speech by explaining the theme of this year's International Day of Yoga is "Yoga for Vasudhaiva Kutumbakam", which represents our shared desire for "One Earth, One Family, One Future". He also explained that regular practice of Yoga will help the



students to achieve better mental and physical health, helps to reduce stress, anxiety and depression. Sri. M Venkatesh Mehendale and Sri. K Raghavendra Bhat started Yoga demonstrations with the yoga prayer. After which a few warm up and simple Asanas like Taadasana, Vrikshasana, Trikonasana, Bhadrasana, Vakrasana, Shashankasana, Bhujangasana, Shavasana, Pranayama Dhyana etc were performed by the students and the staff members enthusiastically and the importance of these Asanas was explained simultaneously by the yoga trainer. Prof. Dr. Thirumaleshwara Bhat, Principal, said Yoga Day is celebrated among the youth and children to make them understand the importance of Yoga in their life. He encouraged the students to practice Yoga and meditation on a regular basis for a healthy body and mind. More than 200 members participated including the Principal, Vice Principal, HOD's, faculty, staff and students.



Awareness Program on Admission through CET-KEA process

College organized awareness program on admission through CET-KEA 2023, on 18 June 2023. The program intends to provide information related to CET admission process including document verification process, institute selection and course selection through option entry, seat allotment process and reporting to allotted institute. All the CET aspirants seeking admission to professional courses and parents are requested to make the best use of this awareness program.

Session on “Parenting of Adolescents

The Counseling cell organized an invited talk on “Parenting of Adolescents” by Dr. P.V. Bhandary, Director, Dr. A V Baliga Group of Institutions Udupi at college premises held recently.

Dr. Bhandary addressed the parents and students on various teenage problems. In his speech, he mentioned that, as the child grows the parents need to change their skills of handling them by understanding their basic needs, and keep guiding them to show appropriate behavior in the society. Parents should know when to help and when to back off.

He explained about various teenage problems mobile addiction, alcoholism, substance abuse, peer pressure, opposite sex attraction. Students when they face severe problems, they neglect studies and lose their track in the academic career. He advised the parents to seek the help of mental health professional if necessary to handle their children. He also mentioned about the depression issue seen in teenagers.

He told that students will be having pressure to perform,



pressure to confirm and pressure to reform. Parents should understand the student's problem and not to compare with their level children which leads to develop inferiority complex, stress and depression in them. In teenage, children will have both physical and mental changes. He concluded his speech by appealing parents to be aware of 4 M's while providing to children and they are mobile, money, media, and motorbike.

Start-Up funding from Government of India to MSME Incubation Center of SMVITM



Mr. Aditya Kudva S, Senior Assistant Professor, Department of Mechanical Engineering has received the funding assistance of Rs. 9.35 Lakh for his innovative idea titled “**DEVELOPMENT OF HIGH STRENGTH CORROSION RESISTANT**

MAGNESIUM ALLOY FOR BIODEGRADABLE IMPLANTS” under the MSME incubation scheme.

The Ministry of MSME, Government of India invited ideas at the national level and conducted MSME Idea Hackathon 2.0. Through the scheme, a focus is placed on fostering emerging technologies and knowledge-based innovative ventures that contribute to the global economy beyond the traditional activities of Micro, Small, and Medium Enterprises (MSMEs).

Need of the Idea: The development of high strength corrosion resistant magnesium alloys can replace permanent implant materials used in treatment of temporary bone fractures. The successful material development and testing can result in elimination of revision surgery thereby reducing the associated costs and mental trauma of the patients.

Applications: Temporary fracture treatment using magnesium based implant materials for orthopaedic applications.



Mr. Karthik V, Assistant Professor, Department of Mechanical Engineering has received the grant assistance Rs. 10.625 Lakh from Government of India for his innovative idea titled “**DEVELOPMENT OF TREE DELIMBER FOR SHADE TREES**

IN COFFEE PLANTATION” under MSME Idea Hackathon 2.0 under the Incubation Component of MSME Innovative scheme GOI Assistance-Reg.

The Ministry of MSME, Government of India invited ideas at the national level and conducted MSME Idea Hackathon 2.0. Through the scheme, a focus is placed on fostering emerging technologies and knowledge-based innovative ventures that contribute to the global economy beyond the traditional activities of Micro, Small, and Medium Enterprises (MSMEs).

Need of the Idea: To cut the branches of the shade trees in the coffee plantation during the monsoon and to mitigate the problems of laborers. The work also majorly aims at reducing the accidents that happen during the cutting of branches of these trees which puts laborers life at risk.

Applications: In coffee plantations.

Ph.D Awardees



Ms. Raviprabha K, Assistant Professor (SG) in Chemistry Department has been awarded Ph.D. degree for her research thesis titled “Studies of Corrosion Inhibition of Aluminium By Using Simple And Fused Heterocyclic Compound in Acidic Medium” submitted under the guidance of Associate Professor Dr.Ramesh Bhat, Department of Chemistry, NMAM Institute of Technology, Nitte.

Ms. Renita Sharon Monis Assistant Professor(SG) Department of Mathematics has been awarded Ph.D. degree for her research thesis titled “**Estimation of Unsteady Stability Derivatives for Delta Wings in High Speed Flow**” submitted under the guidance of Associate Professor Dr.Asha Crasta Department of Mathematics, Mangalore Institute of Technology and Management, Mangalore.



Mr. Manjunath S, Assistant Professor(SG) in Mechanical Engineering Department has been awarded Ph.D. degree for his research thesis titled “Development of a Dual Swirl Chamber for an Idi Engine and Investigations on its Effect on Engine Performance Using a Biodiesel Blend” submitted under the guidance of Professor Dr. Ramakrishna N Hegde, Department of Mechanical Engineering, Srinivas Institute of Technology, Valachil.

Mr. Sadanand L, Associate Professor in Computer Science and Engineering Department has been awarded Ph.D. degree for his research thesis titled “ML Approaches towards Detecting Android Specific Advanced Malwares” submitted under the guidance of Professor Dr. B Aziz Musthafa, Department of Computer Science and Engineering, Bearys Institute of Technology Mangalore.



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(A Unit of Shri Sode Vadiraja Mutt Educational Trust, Udupi)

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Vishwothama Nagar, Bantakal- 574115, Udupi District, Karnataka, INDIA | WWW.SODE-EDU.IN

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