

SAMSMRUTHI

College Newsletter



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SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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

Accredited by NBA | Accredited by NAAC with 'A' grade

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SMVITM

Teachers Day and Engineers Day Celebration at SMVITM, Bantakal

ISTE Faculty Chapter of SMVITM, Bantakal in association with the extracurricular committee organized Teachers Day and Engineers Day celebration at SMVITM, on 15 September 2021 at the institute premises. Er.Arun Prabha K.S. General Manager, Mangalore Smart City Limited was the Chief Guest for the event.

In his address he emphasized that the efficient and great administration like Sir M. Visvesvaraya would be the beacon for the engineers. And also said that education is only the medium to excel and go back to the golden period of Visvesvaraya.

The guest of honor of this program Dr.B.M.Somayaji, Former Professor, Chemistry Department, PPC, Udupi, addressed regarding the life of Dr. Sarvapalli Radhakrishnan and Sir M. Visvesvaraya. Their eminent personality inspired us in day-to-day life. 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. We have to give importance to knowledge rather than google information. Intelligent quotient, Emotional, Spiritual, Happiness quotient is lagging behind now a day. He also has given instances of his teaching career.

Dr. Udaya Prasanna (Rtd. Prof.Dept. of ME) honored during this occasion.

Also, CET mock test toppers were felicitated.

Shri Ratnakumar (secretary SSVMET) also addressed the gathering. 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 told to inculcate their qualities in our life.

Also, in the beginning of the program, tribute is offered to the departed soul of Oscar Fernandes, Former MP and Sr. Congress leader. During inauguration of the college in the year 2010 we were fortunate to have him as the chief guest.

On account of Engineers Day and Teachers Day competitions were conducted. Winners were awarded with the prizes.

Ms. Sneha Dsouza, Asst. Professor, Dept. of English gave a brief overview about the relevance of both Teachers' Day and Engineer's Day and compered the program. Mr.Manjunath and Ms. Bhagyalaxmi Assistant Professors introduced the Chief Guest and guest of honor respectively. Dr. Ganesh Aithal, Vice Principal welcomed the gathering and Ms. Ramyashree, Asst. Professor, Dept. of Computer Science and Engineering proposed the vote of thanks.

Deans, HoDs of various departments, Teaching and non-teaching staff were present during the Program.



SECOND DOSE COVID-19 VACCINATION DRIVE AT BANTAKAL ENGINEERING COLLEGE

On the occasion of National Service Scheme Day, NSS Unit of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi in association with Department of Health and Family Welfare Udupi, Community Health Centre Shirva, Grama Panchayath Shirva, organized mega Vaccination drive(Second Dose) on 24 September 2021 on at institute premises.

The vaccination drive was inaugurated by Dr. Subramanya Rao, Senior Medical Officer, Community Health Centre Shirva. Principal Dr. Thirumaleshwara Bhat, Vice Principal, Dr. Ganesh Aithal, Deans, HODs of various departments, Faculty, Staff and students were present during the inauguration. About 320 students including faculty and staff get vaccinated during the drive.



SMVITM, Bantakal selected as "Mentor Institute" by MOE's Innovation Cell (MIC), Govt. of India

Shri Madhwa Vadiraja Institute of Technology and Management Bantakal is selected as "Mentor Institute under the Mentor-Mentee Program 2021-22 of Institution's Innovation Council (IIC) under Ministry of Education, Govt. of India.

The Major focus of IIC is to create a vibrant local innovation ecosystem.

Start-up supporting Mechanism in Higher Education Institutions (HEIs). Prepare institute for Atal Ranking of Institutions on Innovation Achievements Framework. Establish Function Ecosystem for ideating Ideas and Pre-incubation of Ideas. Develop better Cognitive Ability for Technology Students.

Under this Mentor-Mentee program, the IIC of SMVITM will facilitate knowledge exchange and resource mobilization between IIC institutions

by offering inter-institutional collaborations and peer mentoring support during the calendar year 2021-22. The Mentor institutions will provide mentoring and handholding support to mentee institutions by organizing a set of workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

The mentor institutions will also guide mentee institutions to take part in ARIIA, and adopt NISP and encourage institutions to actively participate in I&E initiatives of state and central government.

SMVITM achieved this status for achieving 4.5 golden star rating in the field of innovation, entrepreneurship related activities held during the academic year 2019-20.

It is a proud moment and great honor for SMVITM, Bantakal to get listed for mentorship program by Ministry of Education Innovation Cell (MIC), Government of India.

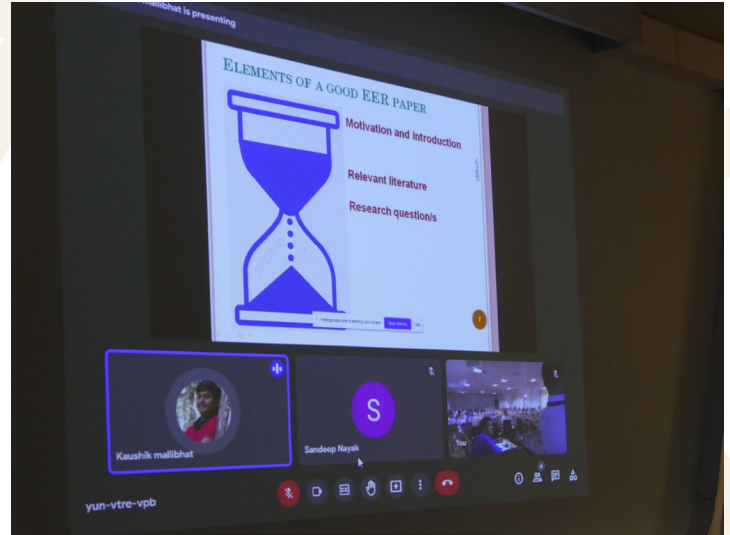
The Management, Principal and IIC convener and members have complimented all involved in this activity for this wonderful achievement.

FDP on “OBE & Engineering Education Research” at SMVITM

Internal Quality Assurance Cell (IQAC) of Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM) has organized a six days Faculty Development Program (FDP) on “Outcome Based Education (OBE) & Engineering Education Research” at its campus.

SMVITM is recently accredited by National Board of Accreditation (NBA) for its quality procedures in academics and administration. In order to ensure further strengthening of the OBE process in the teaching-learning, the college has organized this FDP. Prof. Kaushik Mallibhat and Dr. Vijayalakshmi M of KLE Technological University, Hubballi were the resource persons of the FDP. In their address, explained about the overview of OBE, framing of program outcomes & course outcomes, mapping of course outcomes with program outcomes, Project Based Learning (PBL), Usage of Information & Communication Technology (ICT) tools in teaching-learning process and Engineering Education Research. More than sixty faculty members of SMVITM have actively participated in the FDP.

Dean (Quality Assurance) Dr. Sudarshan Rao K has coordinated the FDP. The Principal Dr. Thirumaleshwara Bhat, Vice-Principal Dr. Ganesh Aithal and HODs were present in the FDP sessions.



The installation ceremony of the office bearers of National Service Scheme (NSS), Youth Red Cross(YRC) and Rotaract Club of SMVITM

The installation ceremony of the office bearers of National Service Scheme (NSS), Youth Red Cross(YRC) and Rotaract Club of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal for the year 2021-22 was held on Thursday 21 October 2021 in the Institute premises. Dr. Nikethana, Principal, Government First Grade College, Hiriyaadka was the chief guest on the occasion and inaugurated the program by lighting the lamp. In her Inaugural address to the gathering, she said that NSS will give opportunities to students in the community development

service programs and enable them to get experience by exposure to the life outside educational institutions. Also, she mentioned that NSS provides discipline, Service attitude and leadership skills coexistence among the students.

Guest of Honor Rtn. Flavia Menezes, President, Rotary Shankarapura, briefly explained the importance of Rotaract Club, and congratulated the new office bearers and members. The Oath taking process was carried out by Rtn. Edward Mendoca, Rotaract Coordinator, Rotary Shankarapura.

Prof. Dr. Thirumaleshwara Bhat, Principal of SMVITM, in his presidential address said that all the students must have definite and proper goals in

the life and need to put sincere efforts to reach their destination and congratulated all the newly elected office bearers of NSS-YRC-RC Unit. Officials from Rotary Shankarpura, Vice Principal, Deans, HODs, Staff members and students were present during the function. For the academic year 2021-22, Ms. Aninditha and Mr. Srivathsa were sworn in as the President of NSS and RC respectively; Ms. Bhoomika J S and Mr. Aniketh Shenoy as the secretaries of NSS and RC respectively. Mr. Nagaraja Rao, Coordinator of NSS-YRC-RC Unit read the report of the unit for the year 2020-21. Ms. Shreya Thantry 2nd year ECE invoked the blessings from the Almighty. Ms. Jelena welcomed the gathering; Ms. Ananya and Ms. Chaitra B R introduced the guests. Mr. Sainath Shetty proposed vote of thanks. The program was compeered by Ms. Akshatha Renjal and Ms. Avanti Rao.



Kannada Rajyotsava Competitions

Kannada solo singing, Group singing, poster making and Kannada Anthyakshari competitions were organized by the Extra-curricular committee on 23/10/2021 on account of Karnataka rajyotsava. Many students have participated and won the prizes in these competitions. Dr. Balachandra achar, professor, Dept of E&C Engg and Mr. Ananth Mohan Mallya, Assistant Professoer(Sr), Dept of Mech Engg, Ms. Sowmya, Assistant Professoer(Sr), Dept of CS were the judges for the competitions.



Kannada Geetha Gayana at SMVITM

On the occasion of Kannada Rajyotsava celebrations, the students of Shri Madhwa Vadiraja Institute of Technology & Management performed group songs on the instructions of the Deputy Commissioner of Udupi District. The event was organized by the Extra-Curricular Committee and held on 28 October 2021 in the institute premises. The event was witnessed by the Secretary, Shri Sode Vadiraja Mutt Education Trust, Principal, Faculty and students of the institute.



ಕನ್ನಡ ಜನಪದ ರಾಜ್ಯೋತ್ಸವ

ನಮ್ಮ ನಾಡಿನ ಪುರಾತನ ಸಾಂಪ್ರದಾಯಿಕ ಜನಪದ ಸೊಬಗು ಇಂದಿನ ಯುವಪೀಳಿಗೆಗೆ ಕಟ್ಟುಕತೆಯಂತೆ ಭಾಸವಾಗಬಹುದು. ಆದರೆ ಜಾನಪದ ಎಂಬುದು ವಾಸ್ತವ ಸತ್ಯವಾಗಿದೆ. ಕುದುರೆ ರೇಸಿನಂತಹ ಜೂಜಾಟವನ್ನು ನಿಲ್ಲಿಸದೆ ಜನರ ಮನೋರಂಜನಾ ಜನಪದ ಕ್ರೀಡೆಗಳಾದ ಕೋಳಿಅಂಕ, ಕಂಬಳದಂತಹ ಕ್ರೀಡೆಗಳನ್ನು ನಿರ್ಬಂಧಿಸಲು ಪ್ರಯತ್ನ ನಡೆಸುವುದು ದುರಂತವಾಗಿದೆ ಇದಕ್ಕೆ ಜನಪದ ಪರಿಷತ್‌ನಂತಹ ಸಂಘಟನೆಗಳು ಸರ್ಕಾರವನ್ನು ಪ್ರಯತ್ನಿಸಬೇಕಾಗಿದೆ ಎಂದು ಬಂಟಿಕಲ್ಲು ಮಧ್ಯವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಕಾರ್ಯದರ್ಶಿ ರತ್ನಕುಮಾರ್ ಹೇಳಿದರು. ಅವರು ದಿ 27.11.2021 ರಂದು ಕನ್ನಡ ಜನಪದ ಪರಿಷತ್ ಬೆಂಗಳೂರು, ಜನಪದ ಪರಿಷತ್ ಉಡುಪಿ ಜಿಲ್ಲಾ ಘಟಕ, ಕನ್ನಡ ಜನಪದ ಪರಿಷತ್ ಕಾಪು ತಾಲೂಕು ಘಟಕ ಮತ್ತು ಬಂಟಿಕಲ್ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ಸಂಯುಕ್ತ ಆಶ್ರಯದಲ್ಲಿ ಮಧ್ಯ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ಜನಪದ ರಾಜ್ಯೋತ್ಸವ ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ಘಾಟಿಸಿ, ವಿವಿಧ ಸಾಧಕರನ್ನು ಗೌರವಿಸಿದರು. ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲರಾದ ಡಾ. ತಿರುಮಲೇಶ್ವರ ಭಟ್ ಮಾತನಾಡಿ ಅಳಿವಿನಂಚಿನಲ್ಲಿರುವ ಜಾನಪದದ ವಸ್ತು ವಿಷಯಗಳ ಬಗ್ಗೆ ದಾಖಲೀಕರಣವಾಗಬೇಕು. ಅದರ ಮೂಲಕ ಮತ್ತಷ್ಟು ತಿಳುವಳಿಕೆಯನ್ನು ಜನರಿಗೆ ಮೂಡಿಸಲು ಸಾಧ್ಯವಾಗಬಹುದು ಎಂದರು. ಕನ್ನಡ ಜನಪದ ಪರಿಷತ್ ಉಡುಪಿ ಜಿಲ್ಲಾಧ್ಯಕ್ಷ ಡಾ. ಗಣೇಶ್ ಕುಮಾರ್ ಗಂಗೊಳ್ಳಿ ಮಾತನಾಡಿದರು. ಈ ಸಂದರ್ಭದಲ್ಲಿ ಉಡುಪಿ ಜಿಲ್ಲಾ ರಾಜ್ಯೋತ್ಸವ ಪ್ರಶಸ್ತಿ ಪುರಸ್ಕೃತ ಸಮಾಜ ಸೇವಕ ಫಾರೂಕ್ ಚಂದ್ರನಗರ, ಚಾಣಕ್ಯ ಪ್ರಶಸ್ತಿ ವಿಜೇತ ಮಾಸ್ಟರ್ ಯಶಸ್ ಪಿ ಸುವರ್ಣ, ಡಾ. ಎನ್ ಪಿ ಬಿ ಪ್ರಶಸ್ತಿ ಪುರಸ್ಕೃತ ಹಿರಿಯ ಗಾಯಕ ಕೆ ರವಿಶಂಕರ್ ಮಂಗಳೂರು, ಪ್ರಗತಿಪರ ಯುವ ಕೃಷಿಕ ಸಂತೋಷ್ ಶೆಟ್ಟಿ ಪಂಜಿಮಾರ್, ಡಾಕ್ಟರೇಟ್

ಪದವಿ ಪುರಸ್ಕೃತ ಡಾ. ಗಣೇಶ್ ಕುಮಾರ್ ಗಂಗೊಳ್ಳಿ ಅವರನ್ನು ಸನ್ಮಾನಿಸಲಾಯಿತು. ಶ್ರೀ ಮಧ್ಯ ವಾದಿರಾಜ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗಾಗಿ ನಡೆದ ವಿವಿಧ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ವಿಜೇತರಾದವರಿಗೆ ಬಹುಮಾನವನ್ನು ವಿತರಿಸಲಾಯಿತು. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಆಕಾಶವಾಣಿ ಕಲಾವಿದೆ ಭಾರತಿ ಟಿ.ಕೆ, ಕನ್ನಡ ಜನಪದ ಪರಿಷತ್ ತಾಲೂಕು ಘಟಕದ ಕಾರ್ಯದರ್ಶಿ ಭುವನೇಶ್ ಪ್ರಭು ಹಿರೇಬೆಟ್ಟು, ಜತೆಕಾರ್ಯದರ್ಶಿ ಪವಿತ್ರ ಶೆಟ್ಟಿ, ದಯಾನಂದ ದೆಂದೂರುಕಟ್ಟೆ ದೀಪಕ್ ಬೀರ ಉಪಸ್ಥಿತರಿದ್ದರು. ಕನ್ನಡ ಜಾನಪದ ಪರಿಷತ್ ಕಾಪು ತಾಲೂಕು ಘಟಕದ ಅಧ್ಯಕ್ಷ ಪ್ರಕಾಶ್ ಸುವರ್ಣ ಕಟಪಾಡಿ ಸ್ವಾಗತಿಸಿದರು. ವಿದ್ಯಾರ್ಥಿನಿ ರಂಜನಿ ಸಾಮಗ ಪ್ರಾರ್ಥಿಸಿದರು. ಚೈತ್ರಾ ಸಮೀಕ್ಷ ನಿರೂಪಿಸಿ, ಸಂಘಟನಾ ಕಾರ್ಯದರ್ಶಿ ರಾಘವೇಂದ್ರ ಪ್ರಭು ಕರ್ವಾಲು ವಂದಿಸಿದರು. ಬಳಿಕ ಮಾಸ್ಟರ್ ಯಶಸ್ ಪಿ ಸುವರ್ಣ ಕಟಪಾಡಿ ಅವರಿಂದ ಕೊಳಲು ವಾದನ ಹಾಗೂ ಗಣೇಶ್ ಕುಮಾರ್ ಗಂಗೊಳ್ಳಿ ಅವರಿಂದ ಗೀತಗಾಯನ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಿತು.



SMVITM, Bantakal organized Fit India Freedom Run

On the occasion of 75 years of India's Independence, Department of Physical Education and NSS-YRC-RC Unit of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi organized Fit India Freedom Run on 31 October 2021 from Subhasnagar Bus stand to SMVITM Campus. The event was inaugurated by Dr. Thirumaleshawara Bhat, Principal, SMVITM, Bantakal. Deans, HODs of various departments, Student Welfare Officer, Physical Education Director, Sports Coordinator of SMVITM, NSS-YRC-RC Coordinator Faculty, Staff, students, Parents and well-wishers of the institute were present during the inauguration. More than 90 students took part in the run that aimed to promote fitness. The mission of the movement is to bring about behavioral changes and move towards a more physically active lifestyle. The participants ran from Subhasnagar to SMVITM Campus through Shankerpura.



College / Club / Cell Activities



Women Empowerment Cell of SMVITM organized a session on "Gender Roles- Now and Then"

The Women Empowerment Cell of SMVITM organized a session on "Gender Roles- Now and Then" by Ms. Jayashree Bhat, Psychologist and Social Activist, Udupi, in the institute premises. The session was very interactive and lively. The gender roles 20 years back and the roles now were explained by the resource person along with the examples. The session was benefited by more than 50 members. The principal Dr. Thirumaleshwara Bhat, faculty staffs were present for the session. The program was conferred by Ms. Niharika of final year E & C.



Graduation Day – 2021' at SMVITM, Bantakal

The Graduation Ceremony for the eighth outgoing batch of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi, was held in the institute premises on Sunday, 07 November 2021.

Shri Rama Naik, General Manager, Canara Bank, Manipal was the chief guest and delivered the graduation day address. He appreciated SMVITM for giving quality education in this region. He suggested the graduates to take up Competitive Exams like Civil service exams and bank exams. He also suggested the graduates to focus on their jobs to ensure professional growth in any organization. Dr. Narayana Sabhahit, Registrar, Manipal Academy of Higher Education, who was the guest of Honour congratulated the graduates. He advised the graduates to become strong enough to face the challenges, which they may face in their professional career. He also suggested the graduates to learn continuously to survive in the competitive world.

Shri Shri Vishwavallabha Theertha Swamiji of Sode Vadiraja Matha handed over the gold medals for the branch toppers. Ms. Rhea Saramani Salins of Civil Engineering, Ms. Prajna U of Computer Science and Engineering, Ms. Namana of Electronics and Communications Engineering and Mr. Nagaraj of Mechanical Engineering won gold medals for their



splendid academic performance. Mr. Nishanth Prabhu K and Ms. Vaibhavalaxmi received "Shri Madhwa Vadiraja Prashasti" from revered Swamiji for their outstanding performance. Dr. Vijayakumari was felicitated for receiving her PhD Degree under the guidance of Dr. Ravindra H.J, HOD, Department of Physics.

Swamiji while addressing the gathering congratulated the graduates and advised them to not only focus on monetary benefits in professional life but also on their personality development. He suggested to inculcate the qualities like being resourceful, being ethical and also to abide by good character in life.

"Tithi Nirnaya" an android app, to display daily panchanga of Sode Shri Vadiraja Matha, developed by Mr. Ganesh Hatwar and team, final year Computer Science & Engineering students of SMVITM was launched by Shri Swamiji in this occasion.

Principal Dr. Thirumaleshwara Bhat welcomed the gathering. Shri Rathnakumar, Secretary, SSVMET, congratulated the graduates and appealed them to get involved in social service activities in addition to professional duties. He requested graduates to join hands to realize the dream of Shri Swamiji to establish Madhwa University in near future.

Shri Shrinivas Tantry, Diwan, Shri Sode Vadiraja Matha was present on the dais.

HoDs of engineering branches presented the graduates list. Dr. Sudarshan Rao, Dean(Quality Assurance), announced the names of branch toppers. Dr. Vasudeva, Dean(Research and Consultancy) announced the name of Ph.D Scholar and recipients of Merit cum means Scholarships.

Dr. Reena Kumari, Head, Dept. of Chemistry introduced the chief guest. Dr. Lolita Priya Castelino, HOD of Dept. of Mathematics introduced the guest of honor. The Vice Principal, Dr. Ganesh Aithal, administered the Oath for the eighth outgoing batch of graduates.

Dr. Ravindra H.J HOD of Dept. of Physics delivered vote of thanks. Ms. Ranjani, student of Institute rendered invocation. The event was compered by faculty members Mr. Ananth Mohan Mallya and Ms. Harshitha G M.



Rajyothsava Trophy at SMVITM

The Department of Physical Education of Shri Madhwa Vadiraja Institute of Technology and Management in association with the National Service Scheme (NSS) unit of the institute had organized "Rajyothsava Trophy" Cricket and throw ball competitions for men and women students and staff members respectively. Dr. Sandeep Nayak, Head department of Civil Engineering and Dr. Gajanan Anne, Head, Department of Mechanical Engineering inaugurated the event. Mr. Muralidhara Sharma, Physical Education Director and sports coordinator Mr.Sachin Prabhu K were present during this event. In cricket students' team from Computer Science and Engineering department bagged the Championship while team of Mechanical engineering students stood runners up. In women's category, final year students from computer Science Engineering department won the championship in



throw ball and third year students' team from the same branch bagged runners up prize. Dr. Thirumaleshwar Bhat, Principal SMVITM gave away the prizes for the winning teams.

Session on "Mind Engineering: An Attempt towards work life balance" at SMVITM

The Counselling Cell of SMVITM organized a talk on "Mind Engineering: An Attempt towards work life balance" by Dr Surfraz J Hasim, Principal, PA First grade college, Mangalore. The talk was conducted on 20/11/21 for all the teaching staff of the college at the Seminar Hall, Admin Block from 3.00 pm to 4.30pm.

The session was very interesting and started with how our state of mind perceives emotions and how we handle them normally as teachers, individuals or parents, etc. Session emphasized the difference between mind and brain, the conscious and subconscious mind to help understand how the mind functions.

Speaker shared how technology and the pandemic have changed our lifestyle and habits today. How good things have also come out of the pandemic and technology changes to bring more positivity in our lives. The audience were benefited by various activities conducted to "sharpen the mind" through acupressure points to activate both sides of the brain. They also understood the importance of reading Dr Joseph Murphy's book - The Power of the Sub conscious Mind. At the end speaker conducted an activity with the help of volunteers where he demonstrated how auto suggestion helped to achieve the goals of life. These were useful to deal

with negative emotions or harsh words spoken to us in life. He finally ended the session with asking all the audience to do a SWOT analysis to understand ourselves better.

Dr. Thirumeleshwar Bhat, principal, HOD's and Deans of various departments, faculty, staff were present for the session.



VTU -Zonal level Table Tennis Tournament (Men and Women)

VTU-Zonal level Table Tennis Tournament 2021-2022 for men and women was held on 24 November 2021 at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal.

Mr. Shrishail Murgod, Sub Inspector of Police Shirva, Udupi district was the chief guest of inaugural ceremony. Inaugurating the event, the chief guest has congratulated the college management for organizing University Zonal level sports and encouraged students to participate more in sports for overall development of individual personality. Honourable chief guest also mentioned the importance of following the traffic rules and participating in competitive exams and guided the students how to set the higher goals to be an achiever.

Shri Rathnakumar Honorable Secretary, Shri Sode Vadiraja Mutt Education Trust (SSVMET), Udupi as guest of honor for the event he advised the students to have the sportsmanship and not to worry about the results of the match. Also motivated students to read more books. Dr. Thirumaleshwara Bhat Principal, SMVITM and president of the inaugural function wished good luck for the participants and also mentioned the importance of the physical education to keep oneself fit and healthy.

Mr. Sachin Prabhu, Assistant Professor, Dept of ECE SMVITM welcomed the gathering and Mr. Muralidhar Sharma, PED SMVITM proposed the vote of thanks.

Mr. Ganesh Poojary, Zonal Director VTU, HOD's and Deans of various departments, faculty and staff members were present at the inauguration ceremony. Ms. Yashaswini introduced the chief guest to the gathering.

Ms. Niharika Department of Electronics and communication Engineering compered the program.



The students of SMVITM secured Runner up Trophy in VTU Zonal level Table Tennis Tournament

VTU-Zonal level Table Tennis Tournament 2021-2022 for men and women was held on 24 November 2021 at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal.



Total 15 teams from Various Engineering College of Mangalore zone affiliated to Visvesvaraya Technological University participated in the tournament. Sahyadri College of Engineering won the first prize in Men and Women category and Mangalore Institute of Technology & Engineering, Moodibidri secured the runner-up prize in Men Category.

In the Women Category the host college SMVITM, Bantakal secured the Runners up prize. Dr. Thirumaleshwar Bhat, Principal SMVITM gave away the prizes for the winning teams. Mr. Muralidhara Sharma, Physical Education Director and sports coordinator Mr.Sachin Prabhu K were present during the event.



Student Council Inauguration

The inauguration of the Student Council of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal, Udupi and the swearing-in ceremony of the newly elected members of the student council for the year 2021 -22 were held at the institute on 24 November 2021.

Sri Shrishaila Murgod, Sub Inspector of Police, Shirva Police Station was the Chief Guest of the occasion. The chief guest honored the student with badge. On this occasion the guest shared some of his past experience as a student leader. He also advised them to not to indulge in any unhealthy activities. He guided them to remain loyal to institute and be a role model to the student community. Principal Dr. Thirumaleshwara Bhat, Sri RathnaKumar, Secretary, Sri Sode Vadiraja Mutt Education Trust Udupi, graced the occasion. The function was compared by Student Welfare Officer Dr. C.K Manjunath.



College / Club / Cell Activities



Blood Donation Camp

National Service Scheme (NSS), Youth Red Cross Wing and Rotaract Club of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi, in association with Kasturba Hospital Blood Center, Manipal organized one-day Blood Donation Camp on 27 November 2021 in the institute premises.

Dr. Shamee Shastry, Professor and Head, Department of Immunohematology and Blood Transfusion at KMC Manipal inaugurated the camp by lighting the lamp. Dr. Thirumaleshwara Bhat, Principal, officials from KMC Manipal Blood Bank, NSS-YRC-RC Unit Coordinator, Faculty, Staff, Office bearers and members of NSS-YRC-RC Unit were present during the inaugural function.

A total of 80 units of blood collected from faculty, staff and students of SMVITM.

Talk on “Role of a citizen in Constitutional India”

On the occasion of Constitution Day (Samvidhan Divas), NSS-YRC-RC Unit and NCC Unit of Shri Madhwa Vadiraja Institute of Technology and Management Bantakal jointly organized a talk on “Role of a citizen in Constitutional India” on Friday, 26 November 2021. Mr. B Sarvajna Thantry, Advocate, was the resource person.

In his presentation, He emphasized the importance of Constitution Day, the significance of its celebration and commemorated the people who contributed to the development of Indian constitution. He highlighted the basic differences of Indian constitution than that of other countries with examples indicating the prerequisites of the constitution such as societal, familial and individual needs. The preamble of Indian Constitution i.e India to be a sovereign, socialist, secular and democratic republic which is aiming to secure justice, liberty, equality to all citizens and promote fraternity to maintain unity and integrity of the nation were stressed in his speech as these rights are necessity and are not a privilege.

Dr. Thirumaleshwara Bhat, Principal; Dr. Ganesh Aithal, Vice Principal; Deans, Student Welfare Officer, HODs of various departments, Section heads were present during the talk. Mr. Nagaraja Rao, Coordinator NSS-YRC-RC Unit and Mr. Sooraj Kumar, Coordinator NCC Unit conducted the program. Ms. Aninditha of final year CSE welcomed the gathering and compeered the program; Ms. Ananya of final year CSE introduced the resource person. More than 200 students including Faculty, Staff participated in the talk.



One day activities for PU students of SVH PU College Innanje

The Eco Club, Sthapati Student Cell and Women Empowerment Cell of SMVITM jointly organized a one day activities for PU students of SVH PU College Innanje on 30 December 2021 on 30 December 2021.

The Women Empowerment Cell of SMVITM organized a session on “Health and fitness for well-being at 2pm in the SVH PU College Innanje by Ms. Deepika B V, Institutional coordinator, WEC, Assistant Professor (Sr), Dept. of Civil Engineering, SMVITM, Bantakal. The session defined the health is all about physical, mental and social wellbeing of a person. The speaker explained the importance of traditional way of eating by giving importance to locally grown fruits vegetable, pulses. The session gave the benefits of physical activity which releases the happy hormones there by reducing stress levels of the individual which will be helpful to lead a healthy life. Speaker explained the Benefits of life style changes with real life examples. At last the session ended with giving the insights



about the traditional food items grown in India which are at higher demand in the developed nations because of its higher nutritional values. The Sthapati Student Cell of Civil Engineering Department of SMVITM organized a session on “First aid during Cardiac Attack” at 3pm in the SVH PU College Innanje by final year students of Civil Engineering Department Ms. Janvi V Nilekani and Mr. Preetham Nayak K J. The session gave the step by step procedure to be followed during the cardiac attack to save the life of the person. They also gave the importance of lifestyle changes in preventing the cardiac attack.

The Eco Club organized a project exhibition on “Best Out of Waste-Environmental Protection and Sustainable Development” for PU students of SVH PU College Innanje at 4pm. More than 45 students participated in the exhibition with the innovative model having lab to land application and also made various craft items out of household waste. The two

teams were selected as winners at the end of the exhibition. Mr. Pundarikakshya Kodancha, Principal of SVH PU College appreciated the efforts of organizing the exhibition; he also said that it was very much useful for the students to come up with innovative ideas. D Sandeep J Nayak, HOD of Civil Engineering Department gave the prizes to the winning teams, Faculties, Students of SMVITM and Students of SVH PU College were present for the exhibition.

Mr. Pundarikakshya Kodancha, The Principal of SVH PU College, Dr. Sandeep J Nayak, HOD of Civil Engineering Department, Mr. Sunil Haldankar, Institutional coordinator, Eco Club, Faculties, Students of SMVITM and Students of SVH PU College were present for the session. The session was beneficial for more than 120 students.

VTU – Mangalore Zone Kabaddi Tournament(Men) held at SMVITM, Bantakal

VTU-Mangalore Zone Kabaddi Tournament 2021-2022 for men was

held on 14/12/21 at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal. 13 teams from Mangalore zone participated in the tournament.

The chief guest Mr. Prakash, Circle Police Inspector, Kapu Circle, Udipi district Inaugurated the event. He has congratulated the college management for organizing university zonal level tournament and said students are fortunate to get such modern facilities in today's participation. He also stated failure need to be accepted and students must develop participation spirit.

Shri Rathnakumar, Secretary, Shri Sode Vadiraja Mutt Education Trust (SSVMET), Udupi was the guest of honour. He stated Kabaddi has come long way being played as a rural sport to having an international Kabaddi



federation.

Dr. Thirumaleshwara Bhat, Principal and President of the function wished good luck for the participants and also mentioned Kabaddi is played in more than 30 countries and is the national game of Bangladesh. Dr. Ganesh Aithal, Vice Principal present on the occasion.

Mr. Sachin Prabhu, Assistant Professor, Dept of Electronics and communication engineering welcomed the gathering. Ms. Akshatha Rao introduced the chief guest to the gathering. Physical Education Director Mr. Muralidhar Sharma, proposed the vote of thanks. Ms. Aninditha compeered the program.

Deans and HOD's of various departments, faculty and staff members were present at the inauguration ceremony.

Prize Distribution of VTU Mangalore Zone Kabaddi Tournament



VTU- Mangalore Zone Kabaddi Tournament 2021-2022 for men was held on 14 December 2021 at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal.

Total 13 teams from Various Engineering College of Mangalore zone affiliated to Visvesvaraya Technological University participated in the tournament. Alva's Institute of Engineering and Technology won the first prize and Yenepoya Institute of Technology secured the runner-up prize. Dr. Ganesh Aithal, Vice Principal, SMVITM gave away the prizes for the winning teams. Mr. Muralidhara Sharma, Physical Education Director and sports coordinator Mr.Sachin Prabhu K were present during the event.

1st year Induction programme

Basic Science Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE Cell organized a two week "Student Induction Programme 2021-22" for the first year students of all branches in the Seminar Hall (Library Block) from 06/12/2021 to 18/12/2021. Around 300+ participants were present for the program.

Day-1(06/12/2021)

Session-1(9.15AM-9.45AM): Dr. Ravindra H J, Associate Professor and HOD, Department of Physics, welcomed the newly joined first year students and gave the brief introduction about the Student Induction Programme and discussed about how important to manage time and stress in their lives.

Session-2(9.45AM-11.30AM): Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering, conducted a session on Self Introduction & Self Exploration and he asked to find their capabilities and skills, also to explore their peers along with self-exploration and the session was concluded by taking the self-introduction of the audiences.





Session-3(11.45AM-12.45AM): Ms. Savitha Shenoy, Assistant Professor, Department of Computer Science & Engineering, conducted a session on 'Society' with the key points - Introduction to society, society and individuals being complementary and supplementary of interdependence, importance of interdependence, role of a student at home, college and in society.

In the afternoon from 1.45PM to 4.30PM campus tour was held where the students were taken to all the department blocks and laboratories.

Day-2(07/12/2021)

Session-1(9.15AM-11.15AM): Mr. Karthik Kateel S Kateel, CEO & Founder Swaraksha for Women Trust, along with his mother conducted a session on self-defense and spoke on the following key points:

- How to stop inviting trouble.
- Difference between physical and mental abuse.
- Weak point in a human body.
- Tips and tricks to avoid sexual abuse.
- How to avoid and tackle group attacks.

Finally concluded the session by Martial Arts performance.

Team formation for extracurricular activities were done and in the afternoon session by Mr. Ananthesh Rao, Coordinator, Extracurricular Cell, addressed the students about the literary activity, followed by the yoga activities the last session was concluded.

afternoon session by Mr. Ananthesh Rao, Coordinator, Extracurricular Cell, addressed the students about the literary activity, followed by the yoga activities the last session was concluded.

Day-3(08/12/2021)

Session-1(9.15AM-10.30AM): Mrs Laxmi Shetty, Assistant Professor, Department of Electronics & Communication, she addressed the students on the topic 'Respect and Relation' and she began the session by introducing herself to the students. She told them her session would be successful if students at least start greeting lecturers whenever they see them and the motive would be achieved. She made her session more interesting by showing videos and giving activities to the students.

Session-2(11.00AM-12.30PM): Dr. C.K. Manjunath, Student Welfare Officer, conducted a session on 'Upgrading Communication Skills'. In this session teams were formed and activities were conducted such as memory game, tongue twister and pick & speak. The score were decided for each team based on their performance and prizes were given.

Session-2(1.30PM-3.00PM):Dr. Sachin Bhat, Associate Professor, Department of Electronics & Communication Engineering, spoke on the topic 'Machines can think, what about you?'. In this session, he explained what is data and information?, also gave information on turing test.



Day-4(09/12/2021)



Session-1(9.15AM-10.30AM): Dr. Lolita Priya Castelino, Associate Professor & HOD, Department of Mathematics stated the first session on the topic 'The foundation of relationship - Trust Right Here, Right Now', where she shared her past experiences to the students about what trust means, gave insights about communication and networking, spoke about why trust is important and how to work on building trust with people around us.

Session-2(11.15AM-12.30PM): This session was conducted by the coordinators of EDC, NSS, YRC, where the coordinators briefed about their cells and encouraged students to join and highlighted the benefits of active participation while serving for the community.

In the afternoon Mr. Ananthesh Rao, Coordinator, Extracurricular Cell, conducted the activities to the students like anthyakshari and collage.

Day-5(10/12/2021)

Session-1(9.15AM-10.30AM): Ms. Deepika, Assistant Professor and HOD, Department of Civil Engineering

engaged a session on the topic 'Understanding Health- Program for Health', where she explained to the participants about how to take care

of one's health, gave insights about having a balanced diet, spoke about the necessity of exercising regularly and answered all the questions which the participants had asked during the session. The speaker also shared her journey of becoming fit and encouraged the audience to be active



and consider including yoga, sports, and other forms of activities in their everyday life.

Session-2(11.00AM-12.00PM): Ms. Laxmi Shetty, Assistant Professor, Department of Electronics & Communication spoke on the topic mental health, who emphasized about the factors that contribute to mental health problems and discussed about the early warning signs. She addressed the gathering about ways to maintain positive mental health like getting physically active, having a proper sleep-wake cycle, helping others, socializing, etc.

Day-6(13/12/2021)

Session-1(9.15AM-10.30AM):Ms. Shashikala, Assistant Professor, Department of Electronics & Communication Engineering conducted a session on the topic 'Peer Pressure', where she explained to the students what is meant by peer pressure and gave insights about physical issues and types of disorder at the age of adolescence, positive peer pressure and how to develop a healthy lifestyle and increase confidence and improve in academics. At the end, she asked students about their

problems or doubts and tried to resolve them.

Session-2(11.00AM-11.30PM):Mr. Deepak S., Librarian, engaged a session on Library Orientation, where he shared the information about the facilities of central library like books, m-library, cloud version, digital library, photocopy center, internet and also encouraged students to enroll for the book bank facility. Also from the central library they had arranged a session on 'Developing Reading Habits in Students' by Dr. Sudarshan Rao, Professor & Dean(IQAC), Department of Mechanical Engineering, where he encouraged students to develop reading habit by giving the benefits of reading and gave some tips to improve reading and enhancing memory.

In the afternoon higher semester students formed 10 groups of students and instructed them about the treasure hunt game which they had planned as icebreaking session for their juniors. The session was concluded by giving prizes to the winning teams.

Day-7(14/12/2021)

Session-1(9.15AM-10.30AM): Dr. Balachandra Achar, Professor, Department of Electronics & Communication Engineering, conducted a session on 'Aspirations and Concern at the Individual Level'. He started the session with some of the aspirations and concerns of an individual, fulfillment of aspirations, resolution of concerns and concluded the session with, 'Does self-understanding make a difference?.'

Session-2(11.00AM-12.00PM): Dr. Sandeep Nayak, Professor and HOD, Department of Civil Engineering, spoke on the topic 'Effective Time Management', where he told time is money and gave three secrets of time management and concluded the session with 5-steps for successful time management.

In the afternoon, on behalf of National Energy Conservation Day, Department of Mechanical Engineering had arranged three competitions namely, Model Exhibition, Poster Exhibition and Public Speaking for the first year students and the session was concluded by giving prizes to the winners.





Day-8(15/12/2021)

Session-1(9.15AM-10.30AM): Ms. Vidya Bhat, Placement Officer, conducted a session on 'Orientation of Placement Department', where she introduced the company's which visit to our institute, company expectation, major recruiters. Also, shared the information about types of job they can undertake, courses which can be chosen after engineering and timeline to prepare themselves for post graduate courses.

Session-2(11.00AM-12.00PM): In this session, first year coordinator, Dr. Reena Kumari P. D., Associate Professor & HOD, Department of Chemistry, gave the detailed information about regulations governing the degree of bachelor of engineering which included academic terms, grade points in CGPA, SGPA, attendance requirement, teacher guardian allotment and interaction, maximum and minimum of CIE and SEE for theory/practical courses, etc.

Session-3(1.30PM-2.30PM): Dr. Sudarshan Rao, Professor & Dean (IQAC), Department of Mechanical Engineering, addressed the gathering on the topic 'Skill Sets for Engineering Gratitude', which included information on national employment report, reasons for unemployment, attributes of

21st century, how to enhance knowledge, syllabus change and technology up gradation.

Session-4(2.50PM-3.15PM): Mr. Sudhir, Assistant Professor, Department of Mechanical Engineering, started his topic 'Understanding Harmony-Its nature and existence', where he said there are four factors of life: Plant order, Bio order, Human order, Physical order and continued with inter-relation between the orders of ecosystem and concluded the session with showing a video and explained how man is exploiting the mother earth with his new inventions.

Session-5(3.51PM-4.30 PM): Extracurricular Cell "Samskrithi" organized a fun event by the faculty to the first year students. Faculty from various departments performed singing on songs of regional languages.

Day-9(16/12/2021)

Session-1(9.15AM-10.30AM): Dr. Sudarshan Rao, Professor & Dean (IQAC), Department of Mechanical Engineering, continued the previous topic 'Skill Sets for Engineering Gratitude', where he spoke about how to enhance skill, knowledge, attitude, student learning styles, tips for better learning, creativity and communication, leadership, team work, adaptability and punctuality.

Session-2(11.00AM-12.00PM): This session was on the orientation of SWAYAM-NPTEL and Indian Society for Technical Education. The session



was started by Mr. Deepak Rao, Coordinator, Swayam-NPTEL, where he gave brief introduction about massive open online course (MOOC) ,NPTEL certification and how beneficial are the online courses in credit based education system. This session was continued by Mr. Chethan R., Coordinator ISTE, where he started the session by giving an activity to the students which was on art of listening, learning and implementing. In this session he told about what is meant by ISTE, ISTE membership, and faculty & student chapters of ISTE at SMVITM, activities sponsored by ISTE and the roles & responsibilities of office bearers of ISTE.

Day-10(17/12/2021)

Session-1(9.15AM-10.30AM): Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering, addressed the students on the topic 'Leadership Skills', where he explained the qualities of leaders by taking the example of 'Mahabharatha' and also asked students to be the leaders with presence of mind, to take the responsibility of their team and take their own quality decisions.

After the first session students were allowed to practice for the general variety competitions, which will be held on next day.



Day-11(18/12/2021)

Extracurricular Cell has arranged a talent show "Chilume-21", a general variety competition on the theme 'Indian Culture' by ten teams of the first year students which was started at 9.30AM. and concluded at 3.30PM. Teams had come up with variety act which included singing, dancing, skit, etc. Performances were judged on the basis of talent of students and not on the costumes. The best three teams were the given the cash prizes.

The first year program coordinator Dr. Reena Kumari, overall coordinators of SIP-2021 Ms. Sandhya and Ms. Raviprabha K. and Basic Science Department ISTE coordinator Ms. Nisha R. Nazareth organized the program along with student ISTE office bearers.

Orientation program on "Skill development, Volunteerism and Community oriented serves by Youth for Seva

National Service Scheme (NSS), Youth Red Cross Wing and Rotaract Club of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi, organized an orientation program on "Skill development, Volunteerism and Community oriented serves by Youth for Seva Bengaluru on Wednesday, 22 December 2021 in the institute premises. Mr. Abhishek Aiyappan and Mr. Suprith and Ms. Ramitha from Youth for Seva were the resource persons.

Mr. Abhishek, in his presentation said that Youth for Seva is a nation-wide volunteering movement that inspires youth to volunteer and provides them with meaningful opportunities to serve the community. He explained that the goal of Youth for Seva is to support schools, destitute shelters, government hospitals and other organizations in the social sector through volunteers who can help them mitigate some of their shortcomings and challenges. Volunteering is made easy and customized to the individual's interests, time availability and skill sets.

Mr. Suprith briefed about the company profile and various volunteering opportunities in Youth for Seva.

Ms. Ramitha region head, Udupi, Youth for Seva shared the information about various activities that a student can do and focus areas of Youth for Seva like education, health etc.

Dr. Thirumaleshwara Bhat, Principal; Dr. Ganesh Aithal Vice Principal; conveyed their best wishes to the program. Ms. Jelena welcomed the gathering and compered the program. Mr. Nagaraja Rao, Coordinator NSS conducted the program. More than 300 students including faculty were participated in the program.



Donation Drive



NSS-YRC-RC Unit and Central Library of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, Udupi, 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 faculty, staff and students donated a total of 325 books, 40 Clothes and many stationary items like note books, pens, pencils, erasers, sketch pens etc. The Donated items were handover to Vishwasada Mane Orphanage at Shankarpura, Udupi

Principal Prof. Dr. Thirumaleshwara Bhat, Vice Principal Prof. Dr. Ganesh Aithal appreciated all the faculty, staff and students for donating various items. The event was coordinated by Mr. Nagaraja Rao, Coordinator, NSS-YRC-RC Unit, Ms. Sowmya S, Library Coordintaor, Mr. Deepak S Librarian and all the members of NSS-YRC-RC Unit and Library Club.

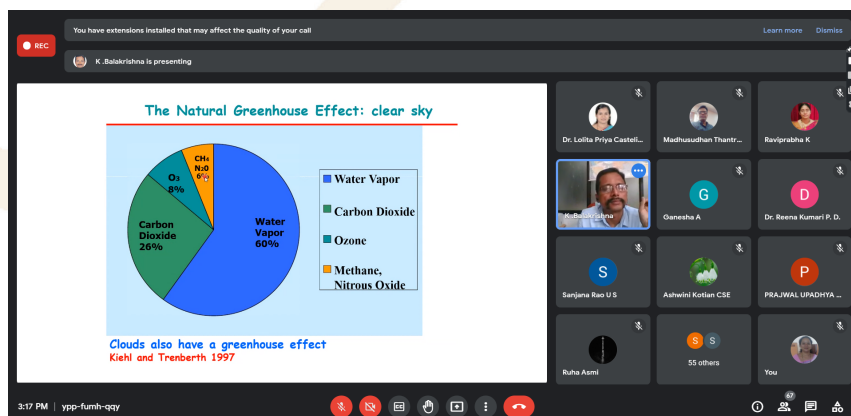
DEPARTMENT OF BASIC SCIENCE

Webinar on “Protecting the ozone Layer and combating climate change”

The Department of Chemistry in association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management had organized webinar on “Protecting the ozone Layer and combating climate change” for the benefit of faculty members, researchers and students on 16 September 2021, as a part of World Ozone Day celebrations.

Dr. Balakrishna Keshav, professor, Department of Civil Engineering, MIT Manipal was the resource person of the webinar. In his address, he explained about the reasons for Ozone depletion and also he clarified myths regarding ozone layer. Also he talked about Earths climate change.

The webinar was hosted online using Google meet application. Dr. Reena Kumari Head of Chemistry Department along with faculty members Dr. Subbulakshmi N. Karanth , Ms.Raviprabha and Ms.Renita S. Monis had organized this event.



A session on “Empowering Leadership Skill”

Basic Science Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE Cell organized a session on “Empowering Leadership Skill” on 13/11/2021, from 2:00 pm to 3:00 pm in the Seminar Hall (Admin Block) for the class representatives, student coordinators/volunteers of various cells and interested students of all branches. Total 47 participants were present for the session.

Dr. Vasudeva, Professor & Dean-Research and Consultancy, Department of Computer Science & Engineering was the resource person for the session. In this session, the resource person explained the qualities of leaders by taking the example of “Mahabharatha” and also asked students to be the leaders with presence of mind, to take the responsibility of their team and take their own quality decisions.

ISTE Student coordinator Mr. Bhargavram organized the program along with other student volunteers Ms. Aninditha and Ms. Ananya. Mr. Chetan, ISTE coordinator, Dr.Reena Kumari, First year coordinator and faculty members of basic science department were present.

“National Mathematics Day”

The department of Mathematics in association with the faculty chapter of Indian Society of Technical Education (ISTE) of Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organized an invited talk on 22 December with the title Srinivasa Ramanujan: Life and Legacy on the account of “National Mathematics Day” to commemorate 134th birthday of the great Indian Mathematician Srinivasa Ramanujan.

Dr. B. R. Shankar, Professor, Department of Mathematical and Computational Sciences, NITK, Surathkal was the resource person. In his talk he spoke about his early life and how Hardy helped Ramanujan to recognize his works on number theory. Also, he explained about how Ramanujan independently developed and investigated Bernoulli’s number and Euler coefficient. He concluded the session by giving the significant contributions to Mathematics by Ramanujan.

Dr. Lolita Priya Castelino, HOD of Mathematics welcomed the gathering and briefed about the importance of the day. Ms. Shrutha Bhat, III year CSE introduced the chief guest. As part of the National Mathematics day celebration, a quiz was conducted for students and faculty members by Mr. Bhargavram, IV year CSE. The program was compered by Ms. Ananya Bhat from IV year CSE.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

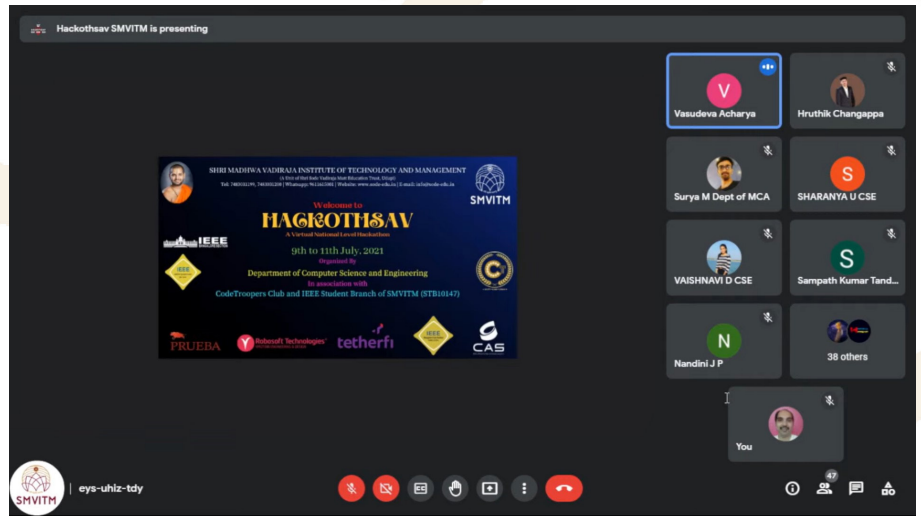
Inauguration of National-level hackathon- 'Hackothsav'

National-level hackathon- 'Hackothsav' was inaugurated at on 9 July, 2021. Dr. Sudheendra Koushik, Innovation Director, Volvo Group was the chief guest. In his inaugural address he motivated the participants and urged them to understand problems by identifying the underlying causes before solving them. He suggested for them to utilise the opportunity of Hackothsav to learn from industry experts and peers.

Shri Rathnakumar, Secretary, SSVMET, presided over the function. In his presidential address he applauded the participants and organisers. Prof. Thirumaleshwara Bhat, Principal, SMVITM, addressed the gathering with motivational words. Dr. Vasudeva, IEEE Student Branch Counselor welcomed the gathering and Ms. Navya proposed the vote of thanks. Mr. Ashutosh Kumar gave in-depth information about the event. Ms. Chaithra introduced the Chief Guest. Mr. Raunak Choudhary announced the problem statements for the competition. Ms. Aninditha and Ms. Avanti from the CodeTroopers club hosted the event.

The Vice Principal, Deans, HoDs, faculty and staff members, students, evaluators, sponsors and participants were part of the event which was held in online mode and streamed on YouTube. The Hackathon is being jointly organized by the Department of Computer Science and Engineering, IEEE Student Branch and CodeTroopers Club. Tetherfi Technologies, Robosoft Technologies, Prueba India Software, IEEE Mangalore Subsection and IEEE CAS chapter sponsored the event.

The Vice Principal, Deans, HoDs, faculty and staff members, students, evaluators, sponsors and participants were part of the event which was held in online mode and streamed on YouTube. The Hackathon is being jointly organized by the Department of Computer Science and Engineering, IEEE Student Branch and CodeTroopers Club. Tetherfi Technologies, Robosoft Technologies, Prueba India Software, IEEE Mangalore Subsection and IEEE CAS chapter sponsored the event.



Valedictory ceremony of National-level Hackathon- 'Hackothsav'

The two-day virtual National level Hackathon, 'Hackothsav' organised by the Department of Computer Science and Engineering of Shri Madhwa Vadiraja Institute of Technology and Management in association with CodeTroopers Club and IEEE Student Branch concluded on 11 July, 2021. The valedictory ceremony of Hackothsav was presided over by Parama Poojya Shri Vishwa Vallabha Theertha Shreepadaru, President, SSVMET. In his presidential address, Shripadaru explained how enthusiastic people can do wonders by citing a verse "just as the burning of wood kindles fire, as digging the entrails of the earth springs water, so is the spirit of enthusiastic individuals evergreen and nothing is impossible for them". He encouraged the participants to take further action on their projects in the future. He appreciated the organizing team for making this event a grand one.

Prof. Thirumaleshwara Bhat, Principal, SMVITM, welcomed the gathering. Mr. Siju V Soman, Faculty Coordinator of CodeTroopers Club, presented the Report of 'Hackothsav'. The Vote of Thanks was proposed by Ms. Kirthi Nayak. Ms. Aninditha and Ms. Avanti were the masters of ceremony of the valedictory event. The Deans, HoDs, faculty and staff members, students, evaluators, sponsors and participants were part of the event which

was held in online mode and streamed on YouTube.

Representatives from different sponsor companies- Mr. Karthik K from Robosoft Technologies, Mr. Nishchith Shetty from Tetherfi, Dr. Pushparaj Shetty, Chair, IEEE Mangalore Subsection, Mr. Dinesh Karnik from Prueba India Software Pvt. Ltd and Dr. Nagaraj Bhat, Head, Department of Computer Science and Engineering announced the runners and winners of different categories. The prize winners list is as follows:

Winners: Canara Engineering College, Mangalore (Business Oriented section), Amity University, Noida, UP (Societal Impact section)



Departmental Activities

Runners: MIT, Manipal (Business Oriented section), SMVITM, Bantakal (Societal Impact section)

Consolation prize: SMVITM Bantakal. RV Institute of Technology And Management, Bengaluru (2 prizes), University Visvesvaraya College of Engineering, Bengaluru, Amrita Vishwa Vidyapeetham, Mysore, Punjab Engineering College.

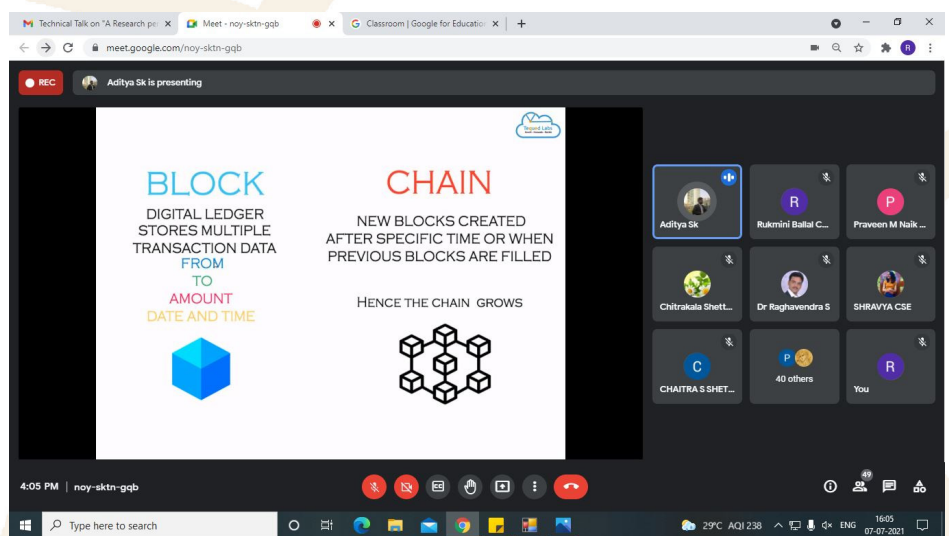
A Technical Talk on "A Research perspective on Blockchain Technology"

The department of Computer Science and Engineering in coordination with Research review cell organized a technical talk on "A Research perspective on Blockchain Technology" through virtual mode for the faculty and student community of the, SMVITM, Bantakal on 7th July 2021 at 3:30 PM to 4:45 PM. The resource person of the talk is Mr. Aditya S K, Co-Founder, Tequed Lab, ASQR Technologies.

Mr. Aditya started the presentation with the brief evolution of Blockchain technology, went ahead by specifying the problems before cryptocurrency came into existence. Mr. Aditya highlighted some of the famous cryptographic hashing algorithms like MD5, SHA1 and SHA-2 family which is the family that consists of six hash functions with digests (hash values) that are 224, 256, 384 or 512 bits: SHA-224, SHA-256, SHA-384, SHA-512, SHA-512/224, SHA-512/256. SHA-256 and SHA-512 are novel hash functions computed with eight 32-bit and 64-bit words, respectively. He also highlighted some research areas in this context.

Mr. Aditya enlightened the audience with the concept of hashing in Blockchain technology which is the backbone of it and specified how a new method can be added or existing methods can be altered in the blockchain. He highlighted on the data storage in blockchains, the different applications of blockchain, the role of miners and who are the miners was also mentioned. He also spoke on Ethereum is a decentralized, open-source blockchain with smart contract functionality.

More than 80 members have attended this webinar. The session ended with enthusiastic question-answer round from the audience and the orator. Ms. Rukmini Bhat B, Assistant Professor, gave a warm welcome to the audience at the beginning of the event. She has also introduced the resource person. She has concluded the webinar by thanking all attendees and expressed her gratitude at the end of the program.



Faculty Development Program on Artificial Intelligence and Machine Learning-Inaugural Function

The inaugural function of Five Days Faculty Development program on "Artificial Intelligence & machine Learning" organized by Department of Computer Science & Engineering of Shri Madhwa Vadiraja Institute of Technology and Management in association with Tequed Labs was held on 28th October 2021.

The FDP is aimed at imparting knowledge and training on the fundamentals of machine learning and its applications. The main objective is to make the participants familiar with machine learning and information retrieval techniques.



Dr. Smitha N. Pai, HOD, Department of Information and Communication Technology, Manipal Institute of Technology was the chief Guest. She explained the relevance of Artificial Intelligence and Machine Learning in real-world problems.

Shri Rathnakumar, Secretary, Shri Sode Vadiraja Mutt Education Trust Udupi was the Guest of Honor. He told that such FDPs 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 management in providing the opportunity to organize such events.

Dr. Ganesh Aithal, Vice Principal SMVITM was also present on the occasion.

Dr. Nagaraj Bhat, HOD, Department of Computer Science & Engineering welcomed the gathering and Mrs. Savitha A. Shenoy, Senior Assistant Professor from Department of Computer Science & Engineering proposed the vote of Thanks.

Ms. Ramyashree, Assistant Professor from Department of Computer Science & Engineering was the master of Ceremony for the program.

Invited Talk on “Recent Trends in Deep Learning” at SMVITM, Bantakal



Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organized an Invited Talk on “Recent Trends in Deep Learning” on 30th October 2021, from 1:00 pm to 2:00 pm. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Mr. Mohammed Ameer, Corporate Trainer at Tequed Labs was the resource person for the event. Bhargavram Udupa T from 7th semester CSE delivered the welcome address who was also the event moderator. Shruutha V Bhat from 5th semester CSE introduced the speaker. Deep learning is currently a much happening field. It is also one of the buzzwords in the industry. The speakers gave some wonderful insight to the participants about what Deep Learning is, demonstrated some live examples using Google’s Teachable Machine platform, showed some products which employ the techniques of Deep Learning, informed about various tools that could be used, and answered all the questions which the participants had asked during the session. The event was conducted in Seminar Hall at Admin Block of the college. There were around 90 enthusiastic participants throughout the session. The vote of thanks was given by Avanti V Rao from 5th semester CSE. The registrations and feedbacks were also handled by Bhargavram Udupa T. Ganesh Hathwar B

S of 7th semester CSE helped the team in designing the flyer for the event. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from Computer Science and Engineering Department played a major role in the smooth conduction of the event.

Student-Alumni interaction

The Alumni Cell of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Department of Computer Science and Engineering has organized a Student-Alumni interaction activity by Ms. Laxmitha Pai on 13 November, 2021 at 12.00PM.

She was a student of batch 2014-2018 Computer Science and Engineering. Ms. Laxmitha Pai is currently working as Cloud Associate, Niveus Solution Pvt.Ltd. Udupi. She was an intern at Dell for one year during her masters. She gave an overview of internships, its importance and also on how to select the internships. She advised not to go for paid internships where students need to pay to the company for providing internship.

She opined that, long term internship say two or more months would be really helpful over short terms internships. She also told that, long term internships may get converted into recruitment in the same company.

Mr. Venugopala Rao A.S, Assistant Professors(Sr.) welcomed the gathering and introduced speaker to the audience. Ms. Ramyashree Assistant Professor and Mr. Venugopala Rao A.S, Assistant Professors(Sr.) and Department Alumni coordinators, Department of CSE, coordinated the event. Head of the Department Dr. Nagaraj Bhat, faculty members of the department and students of SMVITM attended the event.



An entrepreneurial activity for pre-final year students of Computer Science and Engineering department

The management & entrepreneurial event - “Samudyatha” was conducted for pre-final year students of the department of Computer Science & Engineering in the institute premises on 30 November 2021.

The purpose of the event was to provide students with insights into management and entrepreneurial activities. More than 100 students took part in the event. The major goal of this event was to provide real-world experience in product production and marketing. As part of this event, students were required to earn the money on their own by participating in innovative activities. Later, as part of a real business task, a huge number of students prepared best out of waste and sold it to the audience, by which they earned a reasonable amount of money on their own. Students participated in many other management related events such as Flip Flop, Group Discussion about emerging topics, Building Towers, Two Truths and a Lie, and so on which enthralled the participants.

Ms.Ramyashree, Assistant Professor, of Computer Science and Engineering department welcomed the gathering and Dr.Nagaraj Bhat, Head of Department, Computer Science and Engineering addressed the gathered students, gave a brief prelude to the event and motivated them towards active participation with his words.

The event -“Samudyatha”,A student entrepreneurial activity mentored by Ms. Savitha Shenoy and Ms. Ramyashree, Assistant Professors, from the department of CSE, contained several interesting and fruitful activities.

The event was judged by Dr. CK Manjunath, Student Welfare Officer, and Ms. Vidya Bhat, Training and Placement Officer. At the conclusion of the event, Dr.Vasudeva, Professor and Dean (Research and Consultancy), IEEE student branch counsellor, awarded prizes to the winners of various events.

Student coordinators Mr.Aniketh Shenoy, Ms.Vaishnavi D, Ms.Shravya Kamath, Ms.Avanti hosted the event and Ms.Savitha Shenoy, Assistant Professor(Sr.), department of CSE proposed the vote of thanks at the closure.



Guest Talk on “Career Mapping and Effective Communication”

The Department of Computer Science and Engineering in association with IEEE student branch organized a talk on “Career Mapping and Effective Communication” for the students of 2nd year Computer Science & Engineering on 29th November 2021.

Mr Prasad Pai K, Senior Solution Architect, Niveus Solutions Pvt.Ltd, udupi was the resource person for the event. Mr Prasad gave an insight to the students on different domains in IT Industry and also told the students to select the area of their interest for their career. He also focused on resume writing and emphasized the need to have a very attractive resume. Mr Prasad told that writing is an art and gets better only with practice.

At the end of the session he called upon students to summarize the entire session. Mavitha Bhat, Shridhar and Sainath presented a brief summary about the talk.

Mrs.Savitha Shenoy, Assistant Professor(Sr.), from Department of Computer Science & Engineering coordinated the event. HoD of CSE Dr.Nagaraj Bhat, Dean R&C Dr Vasudeva and Placement Officer Mrs Vidhya Bhat were present throughout the event.



Peer Learning Workshop on “Photoshop and poster making”

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised a Peer Learning Workshop on “Photoshop and poster making” on 11th December 2021. The event was organized by the Department of Computer Science and Engineering in association with the ISTE Student Chapter. Ganesh Hathwar, Tejas Rao and Princeton Leron Lewis from 7th semester CSE were the resource persons for the event.

Dr. Vasudeva, Dean (Research and Consultancy) gave the inaugural address. He spoke about the significance of the peer learning session and gave insights on the importance of creativity for creating beautiful designs. He said that designs must be eye-catching rather than gaudy. He emphasised on the benefits of learning graphic design and photo editing in Adobe Photoshop, the skills that are required to design our own graphics from start to finish and to feel confident and comfortable using Photoshop.

The trainers Ganesh, Tejas and Princeton gave some wonderful insight to the participants about the purpose of using Photoshop. They taught about

various features that are available using examples, showed some designs which they had already worked on in the past, and informed about various tools that could be used to edit photos and design graphics. They had also answered all the questions which the participants had asked during the session.

The event was conducted in CC-IV Lab, Admin Block 3rd floor of the college. There were around 30 enthusiastic participants throughout the session.

The workshop ended with a competition on designing a poster where 'Varnotsava' was given as the theme. Mr. Anantesh Rao faculty of Mechanical Engineering Department judged the competition.

The registrations and feedback were handled by Bhargavram Udupa T of 7th Semester CSE. Shrutha V Bhat and Avanti V Rao from 5th Semester CSE, and Vivek Shenoy and Shubam from 7th Semester CSE were the volunteers for the event. Ganesh Hathwar B S of 7th semester CSE helped the team in designing the flyer for the event. Mr. Chethan R Institutional Coordinator ISTE Faculty Chapter, Dr. Nagaraj Bhat HOD Computer Science and Engineering Department, and Ms. Sneha N S faculty from the Computer Science and Engineering Department played a major role in the smooth conduction of the event.



DEPARTMENT OF CIVIL ENGINEERING

National conference on Advances in Civil Engineering (ACE-2021)

Department of Civil Engineering in association with ICI chapter has organized two days virtual National conference on Advances in Civil Engineering (ACE-2021) from 05th July 2021 to 06th July 2021 for Faculties, Research scholar from various institution and Students.

Dr. Thirumaleshwara Bhat, Principal Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal, inaugurated the program and addressed the participants on Advances in Civil Engineering practice and motivated the participants to diversify their skills in advancement. Dr. Sandeep Nayak, HOD, Civil Engineering welcomed the gathering. And Ms. Deepika B V briefed the conference.

The inaugural function was followed by a keynote address on "Recent trends in Civil Engineering" by Prof. Shantharam, Principal GPK Karwar. Speaking on the occasion, Prof. Shantharam, appreciated the efforts of the institute for having organized this type conference which is very much relevant in the

fast-growing science and technology. He gave insights on Recent trends in Civil engineering, and elucidated importance of new technologies to the mankind. More than 19 research papers were presented virtually by researchers, academicians and students across the state.

On Day-2 Er. Anirudh Rao Managing director, Projectile consultants Pvt. Ltd Mangaluru. delivered a Key note session. On "Digital construction technology" in which he elucidated new age construction advancement, Robotics and AI in construction and its application and innovative ideas were discussed during his presentation. There are so many opportunities in these areas to develop newer technologies. He also stressed the importance of taking forward the student projects and academic research works into innovations.

Dr. ESTR Chandrashekhara Bhojaraju, Associate professor, Department of Civil Engineering SJEC, Mangaluru and Dr. Udayprasanna from SMVITM, were the session chairs for the two-day program

Dr. Thirumaleshwara Bhat, Principal, Dr. Ganesh Aithal, Vice Principal, Dr. Sandeep J Nayak, HoD were present on the occasion. Ms. Deepika B V and Mr. Sunil Haldankar Coordinated the program, Students of Civil Engineering department compered the program. More than 80 faculties and research scholars have participated in this event.

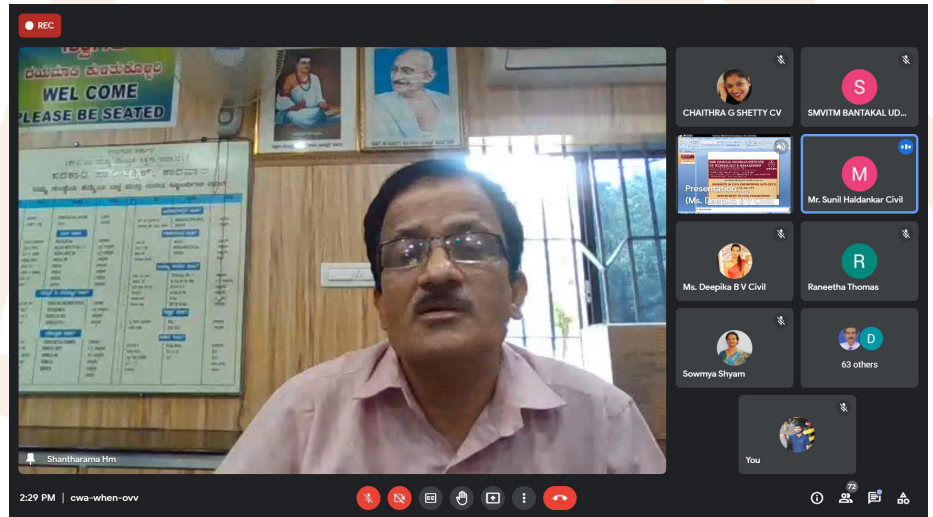
SMVITM Bantakal signs MoU with Sristi Ventures Padubidri

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM) Bantakal has signed a Memorandum of Understanding (MoU) with Sristi Ventures Padubidri on 22 September 2021.

Department of Civil Engineering has got highly qualified team of faculty members having rich experience in academics research and industry. The Department of Civil Engineering undertakes the third party inspection, in addition to testing and consultancy works. Many of the students projects have been approved by KSCST Bangalore and also bagged best projects at the state level during 2020-2021.

Sristi Ventures is a firm located in Padubidri of Udpi District. They construct structures which are immune to climate changes, excessive heat and heavy rains. These structures are ecofriendly and sustainable.

During this event Principal Dr. Thrumaleshwara Bhat, Engineer Mr. Bhoopathi Shetty, Managing Partner of Sristi Ventures, Ms. Suprema Shetty and Mr. Nischay Shetty, Director Sristi Ventures, HOD Civil engineering department and faculty members were present.



Departmental Activities



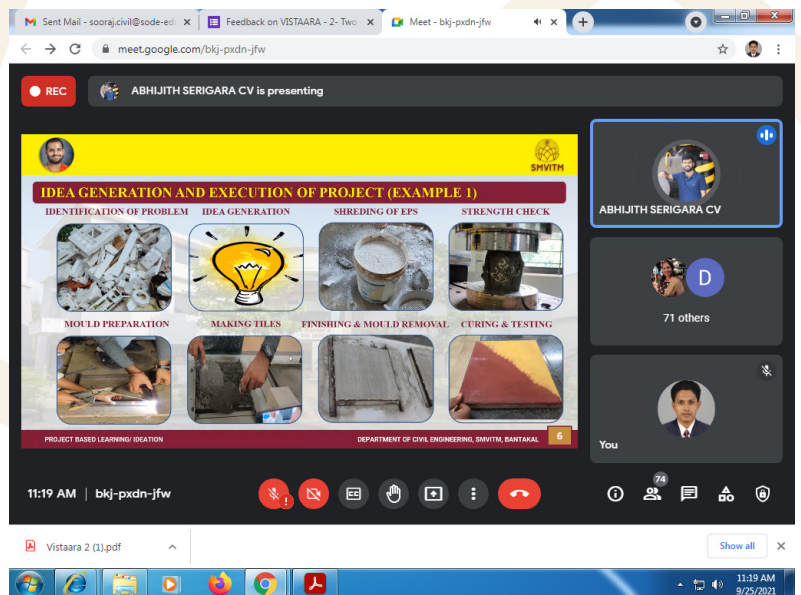
Two days value added course titled as VISTAARA- 2

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management in association with ISTE organized a two days value added course titled as VISTAARA-2 for the nearby diploma colleges on current trends Civil Engineering field which was held on 24th and 25th September 2021 through online platform.

Resource persons from the institution, Dr. Nagraj Bhat, Head of the computer Science department has addressed the students on application weather informatics in civil engineering applications; Mr. Sunil S Haldanker, Senior Assistant Professor from Civil Engineering Department explained the advancement in the soil mechanics and its application. Mr. Roshan S Kotian, Assistant Professor, Civil Engineering Department gave deep insights on legal documentation process involved in the Building plan approval system. Mr. Abhijith, student of Civil Engineering Department demonstrated the project idea generation and its implementation to the students.

More than 100 students have participated from Government Polytechnic College, Karkala, Kamath Polytechnic College, Kundapura, Karnataka Government Polytechnic College, Mangalore, Shri Vidhyadhiraja Polytechnic College, Kumta, Sunkadakatte Niranjana Swamiji Polytechnic College, Sunkadakatte.

Dr. Thirumaleshwara Bhat, Principal inaugurated the program, Dr. Sandeep J Nayak, Head of the Civil Engineering Department gave keynote address on self management, Dr. C K Manjunath, Student welfare officer, gave valedictory address. Mr. Sooraj Kumar & Ms. Swathi from Civil Engineering Department organized the program.



TALENT HUNT 2021 "COMPETITION"

Shri Madhwa Vadiraja Institute of Technology & Management (SMVITM), Bantakal organised "SMVITM TALENT HUNT 2021" competition held for Alumni and students of SMVITM. The event was organized by Sthapathi Club of Civil Engineering Department in association with SMVITM Alumni Association. Gardening, Art, Craftwork, YouTube channels, Dance, Singing, Story writing, Skit, Video editing, Photography, Short movie and Instagram reels were the competitions. Total 100 students registered and participated in the event. The prize distribution ceremony was held on 07



November 2021. Shri Shri Vishwavallabha Theertha Swamiji of Sode Vadiraja Matha presided over the function, honoured the winners with prizes and addressed the students. Shri Rathnakumar, Secretary, SSVMET, Dr. Thirumaleshwara Bhat Principal, Dr. Ganesh Aithal Vice-Principal and Dr. Sandeep J Nayak HOD Department of Civil Engineering were present in the gathering. Shriraksha student of third semester compered the program.

Talk on “ Project Implementation and preparedness”

Civil Engineering department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with ISTE student chapter and Sthapathi Student club organized a talk on Project implementation and preparedness by Architect Yogish Chandra Dhara, Partner A G Associates, Udupi on 29th November 2021 at college premises for the students of Civil Engineering department.

Mr. Yogish Chandra Dhara addressed the students on handling the projects with professional obligations and how professionals are different from businessmen. He also stressed upon the significance role of professional engineers in the nation building and inspired the students to take up the opportunities which are abundantly available in the country but need to update the knowledge and skill.

Speaker displayed the case study of the various projects designed and constructed by his own firm and explained cantilever concept adopted in his own office building A G A Kantilever building at Udupi, construction challenges and implementation in Zilla panchayathi Building, Madikeri and Architectural features in Government technical University, Challakerer and many more.

Ms. Priyanka D'Souza welcomed the gathering, Ms. Anwitha introduced the speaker, Mr. Rakshith, ISTE student secretary proposed the vote of thanks, Ms. Janvi N compered the program. Dr. Sandeep J Nayak, Head of the department concluded the program. Mr. Sooraj Kumar & Mr. Madhusoodhana Rao, Assistant Professors organized the program. More than 50 students have participated in the event



Workshop on “Building Plan and Marking”

Civil Engineering Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal in association with Alumni Cell and ISTE Student Chapter organized a workshop on “Building Plan and Marking” for final year students of Civil Engineering which was held on 09th September 2021 in the institute premises.

Resource persons for the workshop were Alumni of Civil Department from second and third batch. The session were split in to two parts. The first session of Building Plan and marking drawing preparation was taken by Er. Roshan S Kotian, Alumni (2011-15 batch) working in Apex consultants Udupi. The session started with various documents for building construction and use of byelaws for building plan. The hands-on session were conducted for all students in preparing Building Plan and marking drawing.

In the afternoon session Er. Mounesh Acharya (2011-15 batch) and Er. Avinash Poojary (2012-16 batch) from Apex Consultants Udupi guided the students regarding importance of this workshop in their future days and demonstrated the step wise process of building marking. In the field, students were divided

in to teams to conduct hands-on session on foundation marking for their developed plan from session one

Total 34 Students got benefited with this workshop. With the help of Teaching and Non- Teaching staff of the Department, the event finished successfully.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A technical talk on Cloud Computing and Value-Added Course on Computer Vision

The department of Electronics and Communication Engineering organized a technical talk on “Cloud Computing, Micro services and Docker containers” through virtual mode on 23 July 2021. Prof. Dr. Christina Terese Joseph, Department of Computer Science and Engineering, IIIT-Kottayam, Kerala was the resource person. This talk was arranged as the valedictory function of 30 hours Value added course on ‘Computer Vision’ by Dr. Sachin S Bhat, Dept. of ECE.

Dr. Christina began the presentation by providing a brief history of Cloud Computing and its applications in current world. Dr. Joseph stressed the importance of Cloud in the era of work from home as it gives access to all of the features and files of the system without having to keep all the files in one computer. People use cloud computing services every day without even recognizing their features. Facebook, Instagram, Gmail and even Google Drive are all cloud-based applications. All your personal data is stored in the cloud hosted the server for later access.

Dr. Sachin S Bhat hosted the program. Around 100 students have participated in this course.

A peer learning session on “Introduction to MainFrame Technology”



Department of Electronics and Communication Engineering in association with ISTE cell conducted a peer learning session on “Introduction to MainFrame Technology”. This session was held on 13/11/2021, from 12:00pm to 1:00pm at the ECE department, SMVITM. Resource person for this session was Ms. Sanjeetha Shetty. She is our college alumna and currently working in Infosys Ltd. Bengaluru as a System Engineer. Around 60 Students from 2nd Year ECE participated and interacted with Ms. Sanjeetha.

Ms. Sanjeetha began the session by asking questions to students about their interest towards programming and gave the information about which programming language is of prime importance in MNCs. She continued the session by explaining the importance of main frame technology and how it is advantageous over desktop. Also, she introduced Mocha software and showed how to allocate a physical data set. Finally, she concluded her presentation by emphasizing about internship during students’ education period.

Ms. Shreya M Tantry, 3rd Semester ECE student welcomed the resource person and gathered. Mr. Chetan ISTE coordinator, Ms. Akshatha Rao, Asst. Professor, ECE Dept. Dr. Sachin Bhat, HoD, ECE Dept. Mr. Ferdinand, CR of 7th Sem ECE and Ms. Aishwarya ISTE Joint Secretary were present

for the session. Mr. Adithya Prakash, 3rd Sem, ECE student proposed vote of thanks.

PCB DESIGN USING OPEN-SOURCE TOOL



Department of Electronics and Communication Engineering in association with ISTE Cell conducted a Three-Day Hands-on Workshop on “PCB DESIGN USING OPEN-SOURCE TOOL” held on Dec 9, 10 & 11, 2021 at the CCC Lab, 3rd Floor Admin Block, SMVITM. Resource persons for this session were Dr. Arjun Mudlapur and Mr. P Subrahmanya Adiga, Directors of Apsaram Technologies, Bengaluru. Around 55 students from 2nd Year & 3rd Year ECE participated and interacted with the resource person.

Resource persons started the session by introducing the PCB terminologies, features of KiCad software and listed the importance of using open-source tools.



The session continued with the hands-on mode of discussion and students got benefitted by implementing the electronic circuits. The session concluded by generating the Bill of Material (BoM) and GERBER File.

During the inauguration of the workshop Dr. Sachin Bhat, HoD of ECE Dept. welcomed the resource person, participants, and said students need to keep themselves engaging in active learning and update with the technological aspects. Dr. Ganesh Aithal, Vice Principal gave a presidential speech and motivated the students to be active in the workshop.

Ms. Akshatha Renjal, a student from the 3rd Year ECE Dept compered the program. Sr. Lab instructors Mr. Girish and Mr. Sandeep and Ms. Aishwarya, ISTE Joint Secretary supported the event. Ms. Shashikala R, Asst. Professor (Sr.), ECE Dept. and Mr. Chetan R, ISTE Coordinator organized the workshop.

DEPARTMENT OF MECHANICAL ENGINEERING

A training program on “CATIA software”

The department of Mechanical Engineering under ISTE Student Chapter had organized a training program on “CATIA software” from 12 November 2021 to 8 December 2021, total 8 days for mechanical engineering students of pre-final and final year at CAD Lab of the institution. The training program was conducted in two halves, 12-15 November and 5-8 December for the whole day. Mr. Prashanth from EduCADD, Udupi conducted hands on sessions on Basics of drafting and modeling in CATIA software. Drafting and creating models was demonstrated to the students and they performed the same in CATIA software. 34 registered students benefited from this training program. All registered students are provided with certification from Dassault Systems after conducting the examination.



National Energy Conservation Day

Department of Mechanical Engineering in association with Renewable Energy club of Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal has observed National Energy Conservation Day on 14 December 2021 in the campus.

In order to create awareness about the importance of conservation of energy among the students, the college has organized several events such as Model



making competition and exhibition with the theme ‘Renewable Energy’, Poster making competition and exhibition with the theme ‘Energy Conservation’ and Public speaking competition with the theme ‘Green Energy’. More than hundred students have actively participated and won the prizes. Mr. Ananthesh Rao K, Assistant Professor, Department of Mechanical Engineering has coordinated the event. HOD of Mechanical Engineering Dr. Gajanan Anne has congratulated the students in this occasion.



Departmental Activities

STUDENT PROJECTS

Novel Atmospheric Water Generator

Final year Mechanical Engineering students at Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal have developed Novel Atmospheric Water Generator. The project work was carried out by Nishanth Prabhu K, Nagaraj and Vishal V Shetty under the guidance of Dr. Raja Yateesh Yadav, Associate Professor of Mechanical Engineering.

Considering the increase in the scarcity of potable water on the earth surface, the students of SMVITM have developed a new design of Atmospheric Water Generator. The aim of this work is to extract pure drinking water from atmospheric air. This model uses the principle of Peltier effect for extracting water from the atmospheric air by using easily available components of an old Air-Conditioner. Also this machine is fabricated at a very affordable cost. Also, glad to note that the above project has received funding from Karnataka State Council for Science and Technology (KSCST), Bengaluru in the state level 44th series of student project program and have received the "Best Projects of The Year Award" held for the academic year 2020-21.



Students bag KSCST Best Project of the year award

Final year Civil Engineering students of Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal have won the State Level Best Project Award for the project title "Sensor based device for predicting moisture content of agricultural field and safe bearing capacity of soil" organized by Karnataka State Council for Science and Technology for the year 2020-21.

The project work was carried out by Naveen Hegde, Harshavardhan N, Sowrav K, Mohammad Noufal under the guidance of Prof. Sunil Haldankar and Dr. Sachin S Bhat. The sensor based system uses Artificial Intelligence to measure the self bearing capacity and moisture content of the soil. At present penetration test is the method adopted to measure the moisture in soil need heavy instruments to carry out the test. Whereas the new method reduces the overall weight of the hammer from 65 kgs to 20 kgs and minimises the labour work involved. Also the sensors mounted on the device uses AI technology to measure the bearing capacity and other characteristics of the soil on the spot thus avoiding manual testing in the lab. Principal Dr. Thirumaleshwar Bhat and Management congratulated the team for their splendid achievement.



Biodegradable Leaf Plates and Plate Making Machine

Final year Mechanical Engineering students at Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM), Bantakal have developed Biodegradable Leaf Plates and Bowls. The project work was carried out by Sohan S Shetty, Deviprasad Acharya and Nidhinath V Shetty 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 lead to reduction in material cost. Also, this project work includes the design and fabrication of leaf plate forming machine. Considering the innovativeness in the project, Karnataka State Council for Science and Technology (KSCST), Bengaluru has sponsored this work.

The management, Principal Dr. Thirumaleshwara Bhat, HOD of Mechanical Engineering Dr. Gajanan Anne have appreciated and congratulated the team.



Student Projects

App based sale of Shankarapura Jasmine.

Shankarapura Jasmine finds a special place in all religious and other functions in the coastal region of Karnataka. The mass production of this flower takes place around villages near Shankarapura of Udupi district and hence named after the village name. On daily basis price of the Jasmine is decided at Shankarapura depending on availability and demand for the flowers. It is bitter truth that, the quantity of flower bought outside Shankarapura is less than that of at Shankarapura. Also, price is more. Hence the buyer will be under loss. Same is the case with farmers why sell Jasmine. The mediators get the highest benefit in this entire process. To overcome these issues, an Android App has been developed by Mr. Abhidev V, Mr. Deepith, Mr. Jithesh Shenoy and Mr. Mohammed Sahil under the guidance of Mr. Venugopala Rao A S, have developed an android based mobile application which can be used by customers to book Jasmine. Customers can book the Jasmine online through this app. Farmers may either deliver the flowers to the designated place by the customer or set up their own outlets where quantity of the Jasmine is as same as that of Shankarapura. This would certainly avoid the intervention of the mediators and thereby contribute to the increased profit by the farmers. This app may be customized for other local products too.



PROVIDING KNEE MOVEMENT ASSISTANCE USING ANDROID AND IOT

The Knee is one of the most complex joints in the human body. Its importance in stabilizing the body is evident in a range of activities, from everyday activities such as standing, walking etc. On aging our elderly encounter challenges in walking, standing and sitting activities. Through research and surveys, it is found that around 25% of people around the world, who are above 50 years of age, have serious problems related to knee joints. In India 15% of people are already taking treatments for knee pain, which is about 18 crore people roughly. But a lot of people in India go for domestic medicine, Ayurveda etc. hence the above number at minimum and on a rough estimation will be double i.e., 30% or about 36 crore people. In addition, it is an important fact that women undergo these pains a lot more frequently than men, about 10-20% more

Under the guidance of Mr. Chetan.R, Sr. Asst. Professor our final year, ECE students Namana, Pranav, Adithya and Gowri have built the wearable smart and cost-effective device which assists in sitting and standing using the Lead Screw mechanism, this is achieved by receiving input from the user through an Android app, which has been developed. The app instructs the microcontroller to actuate the motor in desired direction and speed to help in movement. This work is funded by Karnataka State Council for Science and Technology [KSCST]. Movement and other normal action involving the knee joint has been a very old problem since the beginning of mankind, especially in old people. This project has provided a better smart, effective and permanent solution to this age-old problem. Old people will be able to stand, walk and live normally without the help of caretakers.

SITTING POSTURE



STANDING POSTURE



Newsletter Designed by:
Mr. Ananthesh Rao K
Asst. Professor (Sel. Grade)
Dept. of Mechanical Engg.

Student Accomplishments

Ms. Vaishnavi K.R. of V semester Computer Science & Engineering has participated and won the 1st Prize in Inter Collegiate Vigilance Awareness Essay Competition held in connection with MRPL MSNIM Vigilance Awareness Competitions 2021.



Ms. Vaishnavi K.R.



Ms. Bhoomika



Ms. Niharika

Ms. Bhoomika and Ms. Niharika Of VII Semester Electronics & Communication Engineering Has participated and won the 1st Prize in the Inter Professional Collegiate Debate Competition Held on 28 October 2021 in connection with MRPL MSNIM Vigilance Awareness Competitions 2021.

Ms. Shreya S of V semester Computer Science and Engineering has participated and won the 1st Prize in the District level singles Table Tennis competition held on 31st October 2021 at K.D Kini Indoor Stadium, Karkala, Organized by Rotaract Club Bhuvanendra College Karkala.

The students of Shri Madhwa Vadiraja Institute of Technology and management, has won the Runner of Trophy in "District Rotaract Fest Kalaranga 2021" held at Brahmapara organized by Rotaract Club of Brahmapara on 13 November 2021. Students won the first place in Solo Singing, second place in Group Dance and third place in Master of Ceremony.



Students of Mechanical Engineering Department Mr. Shobith hedge and Mr. Nandan S S, Mr. Sudeep N. R and Mr.Vijay Kumar respectively won first prize and third prize in the National Level Quiz on "Smart Manufacturing and Industry 4.0" organized by Central Manufacturing Technology Institute (CMTI) , Bengaluru.

The students of Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal have won awards in the "VTU Single Zone Inter Collegiate Yoga Championship 2021" held at Vidyavardhaka College of Engineering, Mysore on 18th & 19th December 2021. Mr. Chandan K R of Third year Civil Engineering student has won the third place in individual yoga competition and the team of students of the college won the 4th place in the group event.

