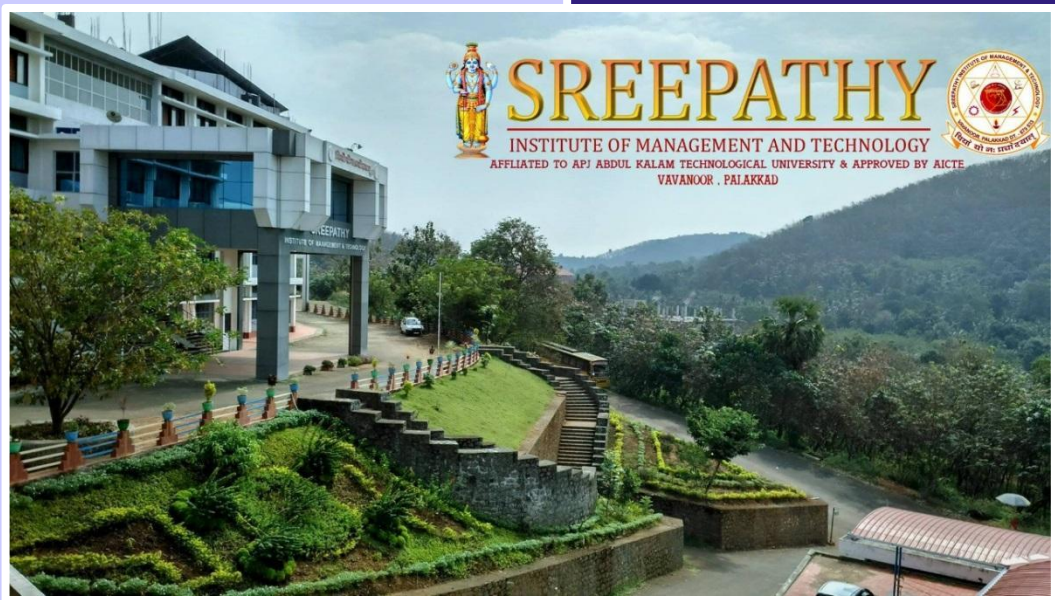


SREEPATHY

MONTHLY NEWS LETTER



ISSUE NO: 12

DEC 2022

ELECTORAL CAMPAIGN

Electoral awareness class and voter id campaign was conducted in Sreepathy campus on 14th December 2022 by the Election Department of Pattambi in association with the Electoral Club of Sreepathy.

The programme started by 11:00 am. Mr. Hithes P (Nodal officer, Electoral Club) welcomed the audience and dignitaries on the stage. Mr. Uday Kumar (Election clerk) briefed the programme. Mr. Kishore V P



(Tehsildar) inaugurated the programme and explained the need of having an awareness programme. Mr. Said Muhammed (Head Quarter Tehsildar) took the awareness class to the students.

Using the simple examples of World Cup

Football 2022 he could briefly explain the various types of election votes. He also explained the method to get fresh voter id card and made people aware about the various forms associated with the electoral department. Questions were asked based on the talk of Mr. Said Muhammed and the winner was presented with a football. Ms. Anshidha C P S1 ECE won the football



sponsored by Nandilath G Mart. Mr. Haridasan P (Election Deputy Tehsildar), Mr Uday Kumar K, Mr Ragesh (Election clerk and Alumna of SIMAT), Mr. Hithes P (Nodal officer Electoral club), Mr. Sidharth P (Student S3 CSE, Volunteer Electoral Club) felicitated on the occasion. Mr. Satherth (Volunteer Electoral Club) expressed vote of thanks. Programme came to an end by 11:50 am.



“SOLARIZED” - HANDS ON WORKSHOP IN SOLAR LAMP ASSEMBLY



SIMAT IEDC organized “SOLARIZED”, a two-hour hands-on workshop in solar lamp assembly on 12th December 2022. 124 students participated in the workshop. It was conducted in two sessions, a theory session followed by the assembly session. The theory session was conducted in Seminar hall. Mr. Krishnan K N,



IEDC Nodal Officer, introduced the purpose of the session and the role of IEDC in creating socially responsible engineers.

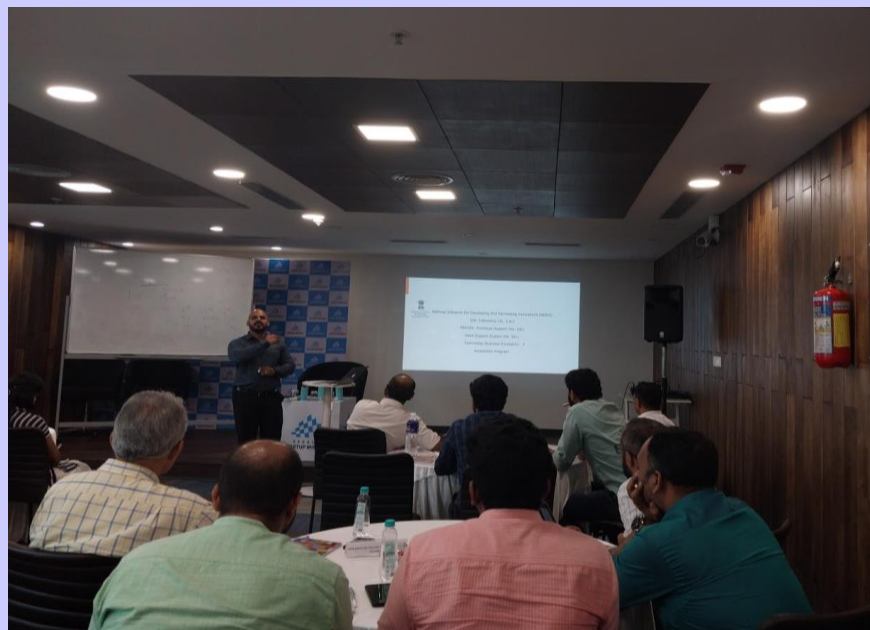
Mr. Sugesh M S, CEO, TBI SIMAT explained in detail about the solar system and the sustainable development of the society by utilizing the renewable energy resources for meeting different energy demands of the society. The hands on workshop session was led by Ms. Praseena K, IIC Coordinator, Mr. Suhas K N, Lab-instructor, EEE and the Core committee members of IEDC. The programme ended at 4.00 pm.



CAPACITY BUILDING WORKSHOP FOR IEDCs WITH KSUM ACCREDITED TBIs

Kerala Startup Mission (KSUM) conducted a 2 Day Capacity Building Workshop for IEDCs with KSUM accredited TBIs on 02 & 03 December 2022 at Technology Innovation Zone, Kochi. The meeting was attended by Dr.

S. P. Subramanian (Principal), Mr. Krishnan. K. N (IEDC Nodal Officer) and Mr. Sugesh M.S, (Assistant Nodal Officer and TBI CEO). The whole idea of the meeting was to impart knowledge on setting up a sustainable Technology Business Incubator (TBI) for supporting the start-ups.



On first day, 02nd Dec 2022, the context of meeting was established by Mr. Karthik P (Project director, KSUM) during the welcome speech. First session was an experience sharing session by Mr. Sherin Sam Jose, CEO, Startups Valley Amal Jyothi TBI. He emphasised the role of the faculty, principal and management in establishing a competent TBI in the institution. His journey from an IEDC nodal officer to a TBI CEO was both interesting and challenging and it had the potential to inspire the attendees to achieve much higher heights in their career.

The second session was led by Rev. Father Abraham Mulamootil, Author, Principal, MACFAST. The essence of the session was to showcase how a manager or head of the institution should act in bringing up new ideas and implement it in a successful way by breaking the conventional thoughts of the society. Lunch was followed soon after the second session around 1.30 pm. The third session was handled by Mr. Sarvajeet Singh, Manager, Invest India on “How Startup India is helping TBIs”. The benefits of registering TBI as a separate entity was established in this session. The ways of obtaining grants/funds from the Central Ministry was also discussed and this is only possible by converting the Institutional TBIs to a SECTION-8 company.

Evening session on the topic “Startup Lifecycle and Product Life Cycle - from idea to product to scale up” was an interesting session and this was handled by established startup CEOs from various sectors. Mr. Sandith Thandassery (CEO, Navalt), Mr. Joffin Joseph (CEO, Tutto Learning) and



Mr. Gopi Krishnan V (CEO, Build Next) handled the session separately and all of them explained the evolution of their startups from scratch to business mainstream. Day 1 concluded at 8.00 pm with dinner.

Second day started at 10 am and extended up to 1.30 pm.

The speaker of the session was Mr. Prasad Shetty, VP, SINE, IIT Bombay, and the topic was “Legal Aspects of Setting up a TBI”. The role of TBIs in developing a startup ecosystem, the legalities of setting up TBIs, and the advantages of a sustainable TBI in campus were all discussed in the session. A virtual session followed after lunch which was presented by Mr. Chintan Bakshi, Partner, Incubation at CIIE.CO,

on Incubating Startups in TBIs. The meeting was finally concluded at 4 PM with an open discussion between KSUM and the IEDC nodal officers/TBI managers on the support expected, background works to be done, the agenda of KSUM for establishing sustainable TBIs in Kerala.

COLLABORATIVE RESEARCH PROJECT INITIATIVES BETWEEN SREEPATHY AND ASTER MEDICITY

The team of five students and two staff from Dept. of CSE and ME, Sreepathy Institute of Management and Technology visited Aster Medcity Kochi, on the 2nd of Dec 2022 for discussion with doctors on the research projects undertaken and data collection. The faculties were Dr. Hema P Menon, Professor & Head, CSE Mr. Vinay Krishnan U, Asst. Professor, ME and the students in the team were Ms. Pranavya Satheesan, S7 CSE, Mr. Arjun, S7 ME, Mr. Jishnu M K, S7 ME, Mr. Mohamad Rashad, S7 ME, and Mr. Rakesh K K, S7 ME. Demonstration and Discussion of the following research projects were done during the visit:

1. VR training kit for kids with Autism
2. Fall Detection / Prevention
3. EMG Signal acquisition and analysis
4. Myoelectric Prosthetic Arm

The team first met Dr. Davidson Devasia, Senior Specialist -



Pediatric Neurology and presented the works on VR training kit for kids with Autism and Fall Detection / Prevention and got his suggestions. Then the team visited the Physical Medicine and Rehabilitation (PM&R) department and presented their work on EMG Signal acquisition and analysis and Myoelectric Prosthetic Arm. The presentation was made to a group of physiatrists led by Dr. K M Mathew, Senior Consultant - Physical Medicine & Rehabilitation in the presence of Dr. Davidson and Mr. Arun, NCV / EMG Center. A detailed explanation of the process involved in the design and fabrication of a cost effective myoelectric prosthetic arm using 3D printing technology was presented and their suggestions on the design and its feasibility was obtained.

A demonstration of the acquisition of muscle movements using surface electrodes, EMG Sensors and Arduino was done and Dr. Mathew and Dr. Davidson gave their interpretation of the acquired signals. Mr. Arun handed over a pack of 30 surface electrodes and connectors for testing and EMG

data acquisition. The team thanked the doctors for their support and guidance and started their journey back at around 8:00 pm.

WORLD AIDS DAY

As a part of observing world aids day, the volunteers of NSS unit 233, SIMAT shared red ribbons among the principal, teachers, and all staffs of the college. They wore the ribbons to symbolize support and



solidarity for people living with HIV and to remember those who have died from AIDS-related illnesses.

FIFA WORLD CUP PREDICTION CONTEST

As a part of FIFA world Cup, the NSS UNIT 233 conducted a "FIFA WORLD CUP PREDICTION CONTEST". Students participated in the contest individually through Google Forms by submitting their predictions. The winner is declared after the final of world Cup according to the most accurate prediction. Many students participated in the contest and prizes were



distributed. Mr. Akshay K, S3 ME won the first prize in the contest.

CHRISTMAS KIT DISTRIBUTION

As a part of Christmas celebrations, the NSS UNIT 233 conducted a "Christmas kit distribution program" on 25th December 2022 at 01.00 pm. Several kits containing stationary materials were distributed to the house keeping staff of Sreepathy by the principal and NSS volunteers in front of the seminar hall and it is also distributed to the neighboring houses by volunteers. Following the handover of the kits, quality time has been spent interacting with them.



APPRECIATION FOR SESSIONAL EVALUATION

“Excellence is not a skill but an attitude” and they have aptly proved this by achieving outstanding results in the First Series Test. To facilitate the meritorious students, a prize distribution ceremony was held at Seminar Hall on 15th December 2022. The toppers from each First Year Batch awarded the trophies. The students from each branches who



accomplished this incredible deed were given Over all trophy. Best student performances in first

series test of S1 were Mr. Srivishnu P, CSE, Mr. Nanadakishor K V, EEE and Ms. Fathima Shibila A K, CSE were in second and third place respectively. Batch wise toppers were; S1 – A: - Ms. Sreelakshmi P C, ME, Ms. Sinsha Fathima A, CE, and Mr. Aswin Pradeep, ME; S1 –B: - Ms. Chandana Jayakrishnan, Ms. Anamika K, and Mr. Abhin Mathew, ECE; S1 –C: - Ms. Fathima Shibila A K, Ms. Ahsana Thasneem K V, and Mr. Gokul Radhakrishnan, CSE and S1 – D: - Mr. Sreevishnu P, CSE, Mr. Nandakishor K V, EEE and Mr. Vaishnav T, CSE.

CHRISTMAS CELEBRATION & FOOD FEST

Christmas celebration was held in the college campus on December 23rd, 2022. The programme started off with Band performance. Cake cuttings were conducted in various classes. Cake cutting was also done by principal in front of the office. Students organised food fest in the college premises on 23rd December



2023. The event was a great success in terms of wide variety of food items and creative decoration of stalls from each semester. There were total of 5 stalls. It was a fine learning experience for the student organizers to acquire entrepreneurial skills. It was helped students to learn team work, collaboration and creativity. The idea behind the competition was to teach students to be good entrepreneurs in the future. The inauguration was done

by Faculties from Ashtangam Ayurveda College Vavanoor. HODs from all departments, faculties and students were present. Students of first year A batch and B batch got prize in food fest.



PRAGYA 3.0

IEEE SB SIMAT has conducted the event PRAGYA 3.0 on the 16th and 17th of December 2022 in the Auditorium. The event was exclusive to all the first year students and all 150 first year students attended the event. The event also featured Treasure hunt, Building a Profile with IEEE, IoT, and Robotics. The event was a huge success. The poster regarding the event was published on 12th December 2022 at 8 pm through social media.



The event started with the inauguration by the Hon'ble Principal, Dr. S P Subramanian. Ms. Gayathri, Ms. Aswathi and Ms. Devika were the presenters of the event.



The first session provided a wonderful opportunity to know about IoT. The session was handled by Mr Hemang Mohan (Power Platform Developer, Tech Mahindra). It was a great session, the session was started by a famous quote by Edewede Oriwoh “The Internet of Things is not a concept; it is a network, the true technology-enabled Network of all networks.”, students got a basic knowledge about

IoT. After the session a light refreshment were provided to all.

The second session Building a Profile with IEEE was handled by Mr Karthik K (Membership Development Chair, IEEE Kerala Section). It was really interesting and knowledgeable. The speaker spoke about the advantages he received from IEEE, the students were all active during the session.



The session 'How to Build a Line Follower Robot' by Mr Madhu Krishnan A P (IEEE Young Professional) was really successful. Speaker showed a live demo of line follower robot. The students were able to get an about robotics. The session was really interesting.



The session "What is IEEE to Us " was really engaging. Mr. Jachin Bency Thomas, Ms. S Sreevidya , Mr. Mrinal M , Mr. Anirudh S Rajeev shared their wonderful experiences they got from the IEEE. Students got experiences from people who are at different positions in IEEE. The session was very successful.

The PRAGYA was concluded with an AR Treasure Hunt Competition, which was really exciting and thrilling. The software for this game developed by Mr Abhinav Satheesh and all of our volunteers were available for guiding students.



The students were all enjoying. IEEE SB SIMAT has conducted Pragma 3.0 and the event conducted successfully with active participations.

SAMAAGAM - 2022

Alumni Association of Sreepathy Institute of Management and Technology organized



“SAMAAGAM - 2022”- a program to facilitate, consolidate and coordinate Alumni Activities at Sreepathy Institute of Management and Technology in the Seminar Hall on 24th December 2022. The alumni meet is also a platform to reconnect with the Alumni and celebrate their success and

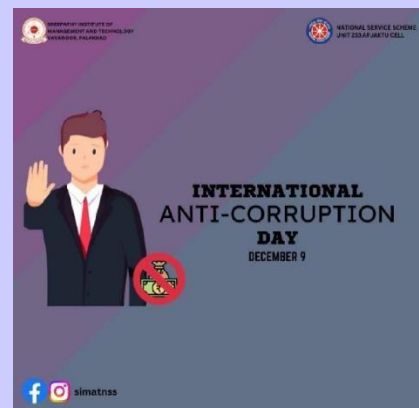
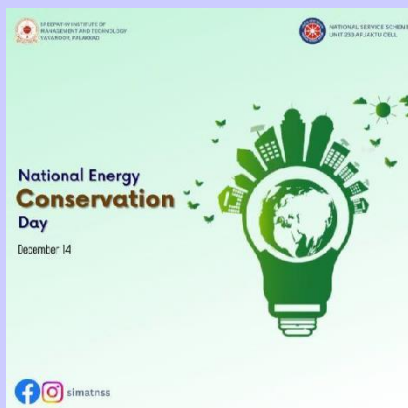
various achievements. Alumni started arriving in college by 10.00 am and were received by the registration team who collected their details.

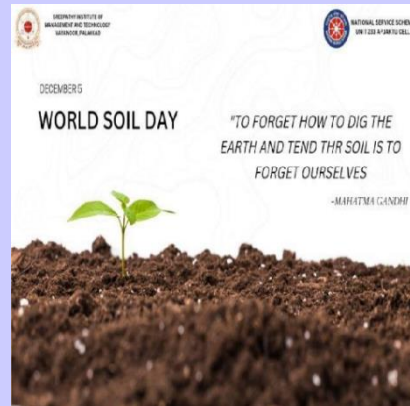
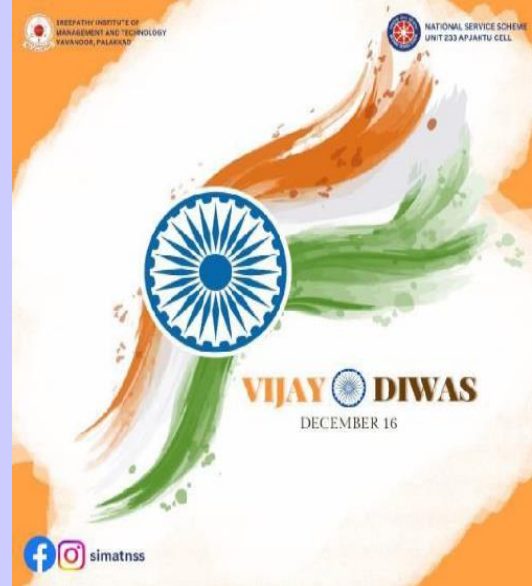
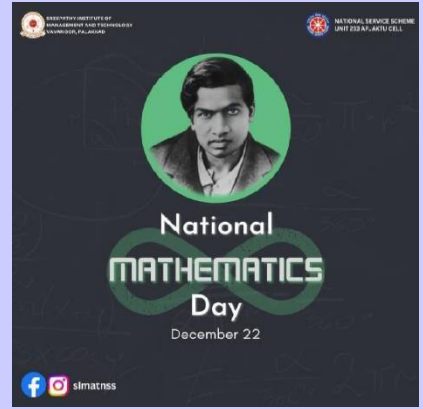
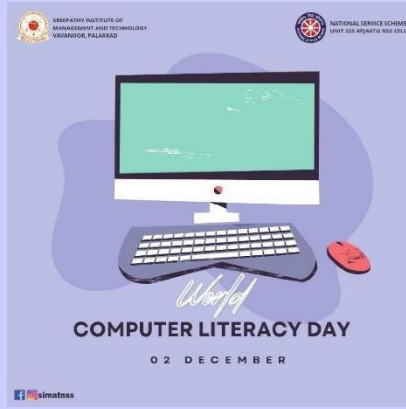


The meeting started with a silent prayer. Alumni Association, Secretary, Ms. Praseena K welcomed all the dignitaries and alumni and expressed gratefulness for responding to the invitation from college and being present for the alumni meet in spite of their busy schedule. The meeting was graced by the Principal Dr. S P Subramanian who formally inaugurated the meet by lighting of the lamp. Mr. Janardanan M K, Administrative Officer, Prof. Sushma M, HOD ECE Department, Ms. Jayasree N Vettath, Asst. Prof. CSE and Ms. Roshni T Mohan, Asst. Prof. CE felicitated the event and shared their thoughts.

The next session included playing on screen the videos of some of the memories of students of various department. This was very much appreciated by the students. Mr. Sugesh M S, Asst. Prof. ECE proposed the vote of thanks. After Inauguration, the Alumni introduced themselves and shared their journey of success. A one to one interaction with each alumni started. It was very proud moment to hear about their journey of success & hard work, also the feelings of respect towards their college & staff. A delicious lunch was served to Alumni, staff members and students volunteers after the meet. The alumni have appreciated the hospitality and food.

DAY OBSERVATIONS





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