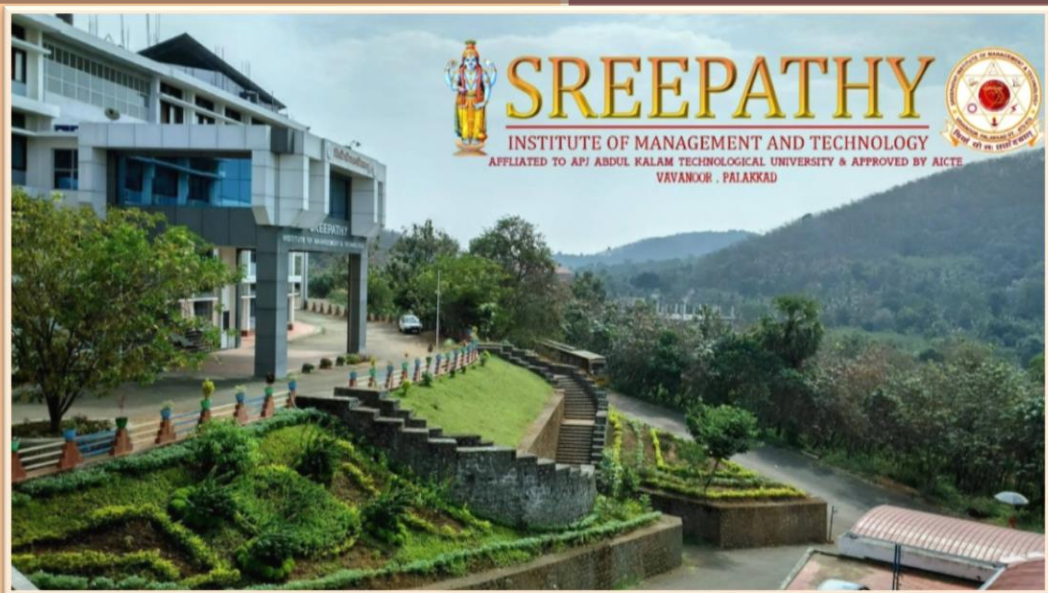


SREEPATHY

MONTHLY NEWS LETTER

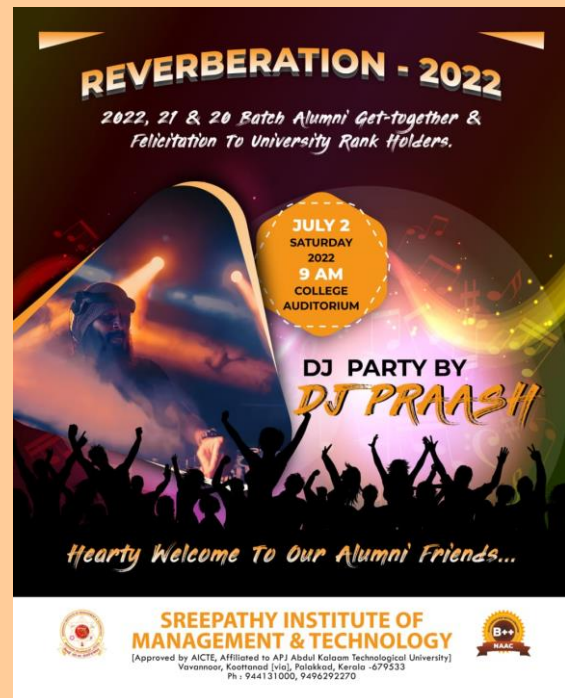


ISSUE NO: 07

JULY 2022

REVERBERATION – 2022

REVERBERATION – 2022, an event to Felicitate university rank holders and Alumni get-together of 2016-2020, 2017-2021, 2018-2022 Batch, was conducted at SIMAT Auditorium on 02/07/2022 Saturday. The event started at 10 am with a prayer followed by a welcome dance by second year students. Dr. S P Subramanian – Principal, SIMAT delivered the welcome speech followed by a presidential address by Mr. M K Parameswaran Namboodiripad (Chairman, Sreepathy Trust). The event was formally inaugurated by Mr. T M Ummer Farook (PTA President, SIMAT). Management representatives Dr. K M Thrivikraman, Mr. Ajith Kumar Raja M Felicitated the program. It was followed by the felicitation of University rank holders and memento distribution to our Alumni friends. The presence of faculty members and HODs who left SIMAT for better opportunities, added more color to the event. The formal event came an end with vote of thanks by Ms. Sreebala P (Program coordinator, AP ECE). The formal event was followed by DJ Party by DJ PRAASH. The event winded up with a sumptuous lunch. The day was a very memorable one for all the Alumni friends and staff members who attended the event.



Welcome Dance



Welcome Speech



Inauguration



Felicitating Rank Holder



Memento to Students



Rank Holders



Students at the meet



DJ Party

VOLUNTEERING ACTIVITIES AT REVERBERATION-2022

As part of the alumni get-together program, the volunteers of NSS unit 233 were involved in various duties. The active aid of volunteers led to the smooth conduction of the program.



SREEPATHY STUDENTS SPONSORSHIP SCHEME LAUNCH

Sri. T S Pattabhiraman, Chairman & Managing Director of Kalyan Silks inaugurated the Sreepathy Students Sponsorship Scheme launched by Sreepathy Engineering College by giving the first sponsorship amount to Mr. Srivishnu P who passed plus two with 97.5% marks. Thrithala Block Panchayat Development Standing Committee Chairperson Mrs. Priya, Sreepathy Trust Director Mr. Ajith Kumar Raja, College Principal Dr S P Subramanian were also present.



STATE LEVEL PROJECT EXPO

In the state level project expo and competition held at JCET Lakkidi on 06/07/2022, the team consisting of Aneesh P S, Jagadeesan A K, Neeraj K, and Vishnu V, final year mechanical engineering students of SIMAT, won second place for the project Domestic Waste Management System, under the supervision of Dr. Ramkumar P N, HOD, ME. This team introduced a simple new model for solid waste treatment.



'RESEARCH PAPER WRITING – WORKSHOP'

A workshop on Research Paper writing has been conducted on 11th July 2022, at Sreepathy Institute of Management and Technology (SIMAT). The program was organised by SIMAT in association with Innovation and Entrepreneurship Development Centre, SIMAT, MHRD's Innovation Cell (Govt. of India) and Institution Innovations Council. The event was started with a prayer song by Mr. Sreedath M. K., AP ME. Dr. Ramkumar P. N., HOD, ME welcomed all to this program. Dr. S P Subramanian, Principal of SIMAT inaugurated the function. In his speech he emphasized the importance of research writing and requested everyone to contribute their work to the SIMAT journal. Dr. K. T. Madhavan, Head R & D, SIMAT, has given the



WORKSHOP ON RESEARCH PAPER WRITING
organized by
Sreepathy Institute of Management & Technology, Vavanoor
in association with
Innovation & Entrepreneurship Development Centre, SIMAT
MHRD's Innovation Cell (Government of India) &
Institution's Innovations Council
11th JULY 2022
09.15 am – 03.45 pm
Venue: Seminar Hall, SIMAT
Coordinators :
Dr Hema P Menon - +916238807289
Dr Ramkumar P N - +919446316486



felicitation speech on the role of paper/technical writing in promoting teaching/research quality. Dr. Hema P. Menon, HOD CSE gave vote of thanks to the participants. The event was conducted with 32 participants in offline mode at seminar hall.

The next session was a hands on training session in which the participants are directed to write a brief literature review and interpret a finding in their own way, on the topic of their interest. During the hands on session various software/ online tools that helps the research writing process were discussed and used. The session was led by Dr. Hema P.



Menon and Dr. Ramkumar P. N. During the valediction, the certificates were distributed and feedback was collected followed by the vote of thanks.

JINGLES – CULTURAL PROGRAMME

A cultural program 'JINGLES', included competitions like Sing & Steal-musical event and mimic/mono act -performing event, was conducted for all the students in the open hour on 1st July 2022 at Seminar Hall. Students from various department was participated and Ms. AnjaliAnanthan (AP,



ECE Dept.), Ms. Sindhu (AP, AS&H Dept.), Ms. Dhanya TN (LI, CSE Dept.) are the jury members for the events. Ms. Neethu Krishna (S4 ECE) won the first prize in Sing & Steal and Shifa (S2 B batch) won the first prize in mono act.

VOLUNTEERING ACTIVITIES AT AROGYAMELA

Arogyamela was a health-oriented program conducted jointly by Thrithala block panchayath and community health centre, Chalissery on 02 July 2022 at GHS Nagalassery. The inauguration of the program was done by honourable speaker Sri. MB Rajesh. The volunteers of NSS Unit 233, SIMAT were involved in various duties and coordination of this program. For this event, there were 23 volunteers from NSS Unit 233 of SIMAT and this team was led by Fayiz ummer and Medha vasudevan (Volunteer Secretaries NSS Unit 233). They coordinated the entire unit. The volunteers took part actively in the works including reception, food, stage & audience, medical stalls etc. There were 9 stalls in the Arogyamela and for each stall, a volunteer was assigned. The

active and enthusiastic work of the volunteers was appreciated by the organizers of the program. The event ended by 5 pm.



A HANDS ON TRAINING WORKSHOP IN MATLAB

A hands on training workshop in MATLAB was conducted on 14th and 15th July 2022. The



boot camp was jointly organised by IIT Palakkad, MathWorks and IEDC SIMAT. Students from S6 ECE and EEE participated in the workshop.

The major contents of the workshop included:

1. Intro to MATLAB
2. Intro to Simulink
3. Modelling multi domain systems
4. Building interactive apps with app designer
5. Hardware deployment workflows



PROTOTYPE DEPLOYMENT AT KERI

Prototype deployment OF “Real Time Reservoir Water Level Monitoring System” was performed at KERI (Kerala Engineering Research Institute) on 15/07/2022. The prototype was designed by Mr. Abhilash Madhav K, Mr. Abhishek K, Mr. Shibin, Mr. Sivanath V & Mr. Vivek T (EEE 2018 Batch) under the Guidance of Dr K T Madhavan, Mr. Sugesh M S & Mr. Sebin Sunny P.



VALEO

IEEE SB SIMAT conducted a farewell ‘VALEO’ on the 16th of July 2022 at 9.30 AM in the Seminar Hall. It was a morning of mixed emotions for all present in the seminar hall to witness the farewell. The Day was a



fiesta devoted to the years spent together with all. The current IEEE SB committee organized farewell party with great enthusiasm. Later, the juniors thanked the seniors for being a strong pillar for them.

"INTRODUCTION TO ARTIFICIAL INTELLIGENCE"

Clementia, in association with IEDC SIMAT conducted a session on "Introduction to Artificial Intelligence" by Mr. Karthik K, AI Engineer, Innovation Incubator Advisory on 17/07/22.



Artificial intelligence refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving. AI refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving.



REGIONAL LEVEL WORKSHOP

The NSS Unit of Nirmala college of engineering, in association with APJAKTU NSS Energy Cell and Energy Management Centre Trivandrum, conducted 5 a Regional Level Workshop on 30 July 2022 as part of the Clean Tech Challenge (CEIBIC). The energy cell members Mr. Goutham Krishna, Mr Abhimanue , Ms. Abhirami and Mr. Sivaprasad from NSS Unit



233, SIMAT participated in the workshop actively. At the end of the program, participation certificates were handed over to the volunteers who attended the workshop.

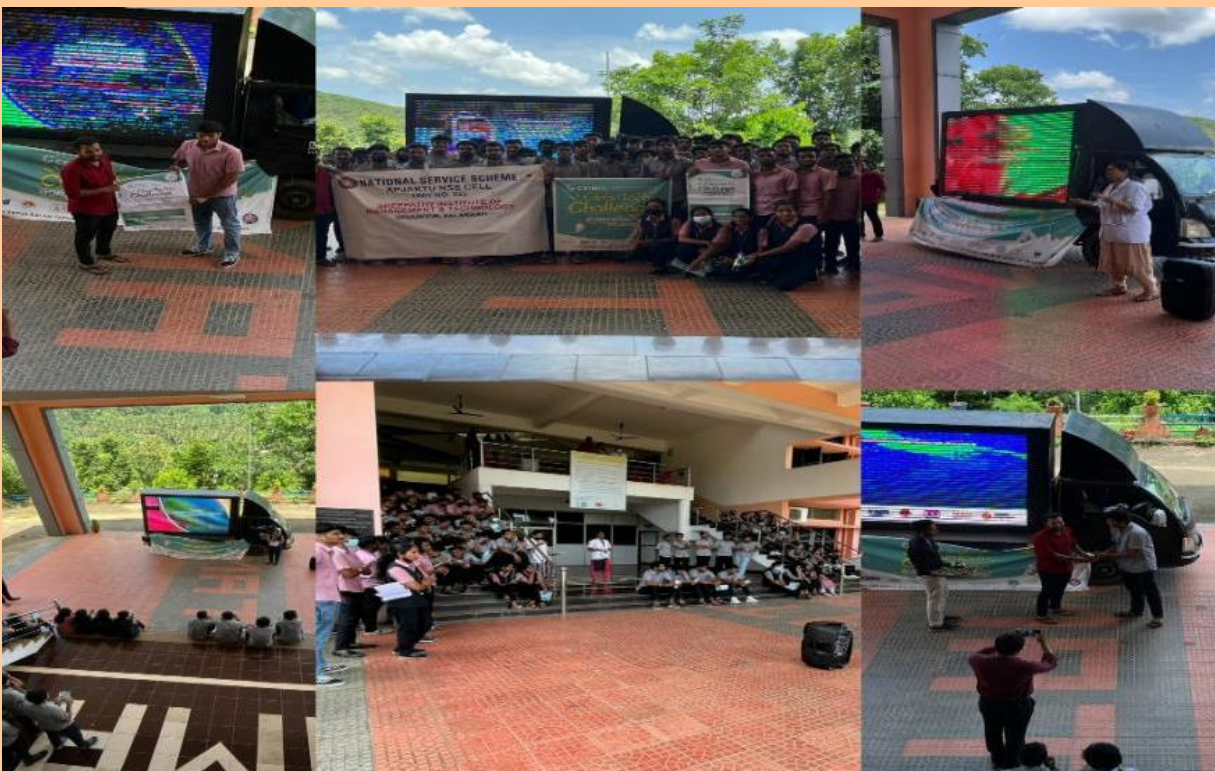
"AUGMENTED REALITY AND VIRTUAL REALITY"

Clementia conducted a session on "Augmented Reality and Virtual Reality" handled by Mr. Adithyan K, Test Engineer, Indegen Pvt. Ltd on 19th July 2022. Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory and olfactory. AR can be defined as a system that incorporates three basic features: a combination of real and virtual worlds, real-time interaction, and accurate 3D registration of virtual and real objects.



CLEAN TECH CHALLENGE

The Energy cell of NSS UNIT 233 SIMAT organised a State level program "Clean Tech Challenge" on 25/07/2022. The program started with manavageetham. The students were all gathered at the entrance of the college. A van came and a video was shown to all regarding the importance of energy and energy conservation. A quiz competition was conducted and prizes



were given to the winners. Sri. Jishnu B H (NSS program officer, SIMAT) handed over the

poster to Mr Fayis ummer (NSS volunteer secretary, SIMAT). Smt. Sushma(HOD, ECE Dept) and Sri. Jishnu B H(NSS program officer, SIMAT) spoke a few words on the topic. Sri. Syam Prasad G(District coordinator APJAKTU NSS cell) and several other staff also gathered there for the program. Many students were also there and participated in the quiz competition actively.

STATE LEVEL ENERGY WORKSHOP

The NSS Unit of Adi Shankara Institute of Engineering and Technology, Kalady in association with APJAKTU NSS Energy cell and Energy Management Centre Trivandrum conducted a state level energy workshop on 28 July 2022 as part of the Clean Tech Challenge (CEIBIC). Volunteers from NSS Unit 233, SIMAT also participated in the workshop. Mr. Fayiz Ummer, Mr. Pranav CN and Mr. Sincel Rajesh (Energy cell member) went to Adi Shankara college and attended the workshop very well. At last, participation certificates were handed over to the volunteers.



STUDENT ACHIEVEMENT

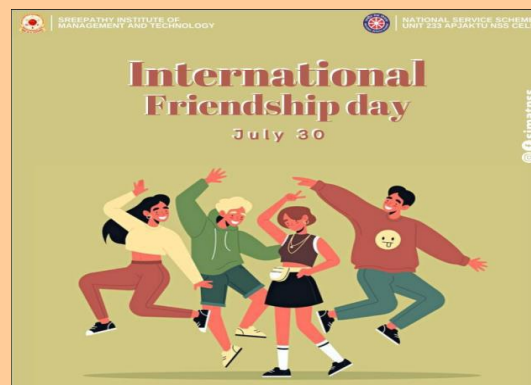
1. Ms. Suhailath , Ms. Divya ,Ms. Vaishnavi and Ms. Vichithra secured first place in the programme "VaakumVarayum- The SIMAT ian Art an initiative of EEE 2019
2. The following students had the achievements listed below in IEEE
 - i. Bharadwaj K B - i5 Publicity Volunteers
 - ii. Satherth Nair - i5 Publicity Volunteers
 - iii. Abhirami Namboodiri - i5 Publicity Volunteers
 - iv. Merin Ajay - IEEE XTREME Ambassador

STAFF ACHIEVEMENT

1. Mr. Sebin Sunny was awarded a sensecap K1100 kit worth 25K to do edge AI based research by seed studio
2. Project entitled " Realtime Reservoir level monitoring system for disaster management" guided by Mr. Sebin Sunny was selected by IIT Palakkad to showcase in tech4seva event at IIT Delhi
3. Mr Sebin Sunny participated in an FDP - AI & IoT using cloud, organized by IBM
4. Mr. Sebin Sunny participated in an FDP - Modern app development, organized by Google
5. Mr. Sebin Sunny participated in an FDP - AI, ML & IoT organized by ARM and AICTE

6. Second version of dam level monitoring prototype was successfully tested at Peechi reservoir by Mr. Sebin Sunny and team.
7. Mr Sebin Sunny visited Ezhakkad bamboo Cluster as a part of KDISC consultancy project. An amount of 4.5L was sanctioned by KDISC and the first installment of 89K was given by KDISC for the project.
8. Mr Sebin Sunny was awarded Tiny ML/AI kits worth 60K by Edge ML/AI foundation to do research in edge AI.
9. Mr Sebin Sunny represented IEDC SIMAT in the stakeholder consultation meeting organized by
10. Raspberry pi foundation - IEDC SIMAT is the only entity from Kerala selected for the stake holder consultation.
11. Mr Sebin Sunny was invited for the RMoC meeting by NitiAayog. Mr Sebin Sunny represented Kerala in the meeting.
12. MSME approved the proposal submitted by Mr Sebin Sunny and TBI SIMAT was approved as a HI BI.
13. Archdiocese of Thrissur honored Mr. Sebin Sunny for the contributions done towards the education sector for fostering an innovative ecosystem.
14. Mr. Sankaranarayanan KM attended 9 day faculty development program “Advances in Sustainable Construction Materials and Technologies” organized by Electronics and ICT academy, NIT Warangal conducted between 18- 27 July 2022
15. Following projects mentored by Mr Sebin Sunny was selected for final pitching of idea grant of 2 Lakh
 - I. Food cube
 - II. Virtual Fencing
 - III. Agricure
 - IV. Dam & canal automation

DAY OBSERVATIONS



International Friendship Day was observed by the NSS unit 233 of SIMAT on July 30th 2022.

TOPPERS S8 [2018 BATCH] UNIVERSITY RESULT CE



AMRITHA T S
SGPA- 9



ANUSREE E
SGPA- 8.8



ANKITHA M
SGPA-8.6

CSE



ADARSH K M
SGPA- 8.2



DINOOP K V
SGPA- 8.1



SREERAM M S
SGPA-7.9

ECE



ADITHYAN S
SGPA- 8.3



ARJUN ARAVIND P
SGPA- 8.13



ANAGHA G
SGPA-8.1



ABHINAND P S
SGPA-8

EEE



VISMAYA K R
SGPA- 8. 08



VISHNULAKSHMI P P
SGPA- 8



SHIBIN
SGPA-7.8

ME



ANEESH P S
SGPA- 8.6



NEERAJ K
SGPA- 8.3



AKHILESH S
SGPA-8

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