

SIMAT

MONTHLY NEWS LETTER



ISSUE NO: 5

MAY 2021

NATIONAL TECHNOLOGY DAY CELEBRATIONS 2021

WORKSHOP ON ANDROID APPLICATION DEVELOPMENT

A workshop on Android Application Development was conducted on 8th May 2021. The event was jointly organized by NSS Unit 233 and IEDC Unit 233 as a part of National Technology Day Celebrations 2021. The workshop started with NSS song and an introduction about National



Technology Day. Welcome address was delivered by Ms. Jayasree N Vettath (APO, NSS). Prof. Sushma M inaugurated the workshop. In the inaugural speech she stressed the need of upskilling in future technologies. Mr. Adithyan K felicitated the event. He mentioned the roles of different clubs in skill development and career formation. The workshop was handled by Mr. Sebin Sunny P (AP, EEE). The first session of the workshop focused on creation of Machine Learning Models to classify images. The second part of the session gave a familiarization of coding and block based tools used in android application development. The third session provided a hand on experience in developing an image classifier application using MIT App inventor. The workshop concluded with a vote of thanks by Harigovind C B (NSS Volunteer).

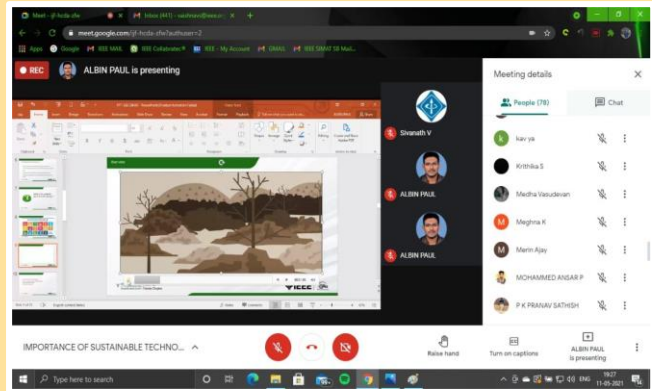
IMPORTANCE OF SUSTAINABLE TECHNOLOGY

IEEE SIMAT SB in collaboration with IEEE PES YP Kerala has conducted a webinar as a part of National Technology Day celebrations on the topic Importance of Sustainable Technology on 11th of May 2021 from 7.00 PM to 8.00 pm through Google Meet.

A total of 117 students took part, it includes 51 IEEE students and 66 non-IEEE students. We are very grateful to having Mr. Albin Paul (Humanitarian Activity Coordinator IEEE PES Kerala chapter) as the speaker. The session was handled by Ms. Medha Vasudevan. The program commenced with an introductory comment by Ms. Vishnulakshmi P.P. Prof.

Sushma M, Branch counsellor, gave valuable feedback about the session. The webinar ended up with a vote of thanks by Ms. Merin Ajay.

The participants achieved basic idea about Importance of Sustainable Technology. Sustainable development is the greatest challenge of our time. It brings together a number of global problems-pollution and intoxication of the space in which we live; poverty and starvation; climate change; depletion of mineral and organic resources; ecological devastation; and global inequity. It was an interactive webinar and feedbacks were collected from the participants.



WE CAN – FUNDRAISING FOR CANCER TREATMENT

The volunteers of NSS unit 233, SIMAT took an initiative "We Can" for the treatment of a patient suffering from cancer. Many people came forward and gave their valuable contributions through Google pay and PhonePe. An amount of Rs. 22, 800 was collected and the amount was later handed over to the patient in Cherippur, Palakkad district. As the name points if we join our hands together WE CAN be the enlightenment to many lives.



“AMMAKKORU KATH”- LETTER COMPETITION

As a part of women's day, NSS Unit 233 SIMAT conducted an online letter-writing competition "Ammakkoru Kath". Participants were asked to write about the good memories and stories that come to their minds when thinking about their mother. It gave an opportunity to go back to those good old days



where people used to write letters for sharing information. Many students inside and outside SIMAT have participated and winners were selected based on the creativity of their letters. Prizes were distributed separately for students from the school and college levels.

NATIONAL TECHNOLOGY DAY- QUIZ COMPETITION

As a part of National Technology Day, NSS Unit 233 SIMAT organized a quiz competition. The competition was open for all students in the college and it was conducted in two phases. The first phase was through Google forms and later including selected participants, the second phase was also completed. The program was well organized to resolve limitations that usual online quiz competitions used to face. Many students have participated in the competition and prizes were also distributed.



WORLD MENSTRUAL HYGIENE DAY-AWARENESS VIDEO

As a part of world menstrual hygiene day on May 28, the volunteers of NSS unit 233 SIMAT created a menstrual awareness video on the hashtag "Yes I Bleed" which aims in realizing the need to break the vicious circle of India's taboo on menstruation. The video was designed by Divya and Vichithra of S4 ECE. It was a good work and it conveys that every woman needs to manage her menstrual hygiene without an iota of shame.



CULTURAL FEST

AS&H department organised a cultural fest for the students of first years. This cultural fest was conducted on 29th of May 2021. The cultural fest started off with a prayer by Ms. Medha Vasudevan. Students were welcomed by Mr. Athul Krishna of CSE. Our college principal Dr. Subramanian inaugurated the programme. Dr. George. C.T. (Vice principal and Head of Department of AS&H), Heads of departments of all departments



felicitated on the occasion. Ms. Aysha pareekkutty expressed vote of thanks. Staff and students participated in the event by participating in the cultural programme.

LINKING PASSION WITH ACADEMIA

CLEMENTIA, the students' association of the department of Computer Science and Engineering, SIMAT, is organizing a sequence of talks under the webinar series titled 'Linking Passion with Academia'. The aim of this series is to help and motivate students to pursue their passion along with their academic career.

The first talk of this series was on "Balancing Academic Workload with Creative Passion" and was held on Friday, the 14th of May, via Google Meet from 3:00 pm to 4:00 pm. The session was delivered by renowned dancer, educator and theatre artist Kalanilayam Gayathri Padmanabhan who also is a B. Tech graduate in Computer Science and Engineering and holds an M. Tech degree in Computer Vision and Image Processing and is currently pursuing her PhD in the field of Image Processing.



The second talk of this series was on "Health and Fitness during Pandemic" and was held on Friday, the 21st of May, via Google Meet from 4:00 pm to 5:00 pm. The session was delivered by Mr. Harikrishna P., HOD of the Physical Education department, Indian School Muscat, Oman. Mr. Harikrishna P has more than 25 yrs. of teaching experience as a Physical Education teacher. He is also an International cricket umpire at the ICC Development Panel since 2019 and has officiated one day internationals and T20 cricket matches. The speaker has also participated as a coach and an official in the CBSE National tournaments and athletic meets across India and abroad.



The third talk of this series was on "Creating Opportunities" and was held on Thursday, the 27 st of May, via Google Meet platform from 3:00 pm to 4:00 pm. The session was delivered by Mr. Taresh Ramesan, Retd. Deputy Commandant, Indian Coast Guard and

currently, the captain on GoAir (Airbus A320). Mr. Taresh cracked the SSB interviews and joined Indian Coast Guards as an Asst. Commandant in flying branch. He flew the Dornier 228 air craft and was mainly involved in Search and rescue operations, troop carriage, flight testing, pollution response and Maritime Reconnaissance. He has received the prestigious director general coast guard commendation for bravery in line of duty. He is also a musician who plays piano, table and guitar and has delivered many performances at national and international venues.



The events were fully organized and conducted by the students of the association under the guidance of Dr. Hema P Menon (HOD, CSE), and Mr. Jyothis K.P, (Asst. Prof, CSE & Faculty Coordinator, Clementia). The event was enthusiastically hosted by Mr. Abhijith P. and Ms. Parvathy S. Menon (Event Coordinators), along with Mr. Sreeram V.K (Secretary, Clementia), and many more students from the CSE department. The inaugural speech was given by Ms. Parvathy S. Menon, and Ms. Twinkle Domy delivered the welcome speech.

XLENCY SERIES

“Getting into Web Design, Development and Freelancing” The Department of Computer Science and Engineering, SIMAT, is organizing a sequence of events for empowering students with students under the webinar “XLENCY Series”. These events are conducted as a part of the Student Support Activities to enhance student’s presentation and communication skills and bring out their hidden talents in both technical and non-technical areas.

The first talk of this series was on the topic “Getting into Web Design, Development and Freelancing” and was held on 25th May 2021 from 6:00PM to 7 PM through Google meet platform. The session was handled by Mr. Mohammed Irfan, a self-taught



designer, who is currently a student of S8 CSE. He is one of the team members who played a vital role in developing SIMAT Website. He is also a successful freelancer, who has done many works for websites, musicians and games.

The event was inaugurated by Dr. S.P Subramanian, Principal, SIMAT. He explained the relevance of conducting student support programs to empower the students. Dr. Hema P Menon, HOD, CSE also stressed on the need for such events and encouraged the students to come forward and participate in them. The event was coordinated by Mr. Adithyan K, Asst. Prof, CSE with the support of student coordinators. The session was attended by faculty members of CSE. HOD's and staffs of various other departments also participated in the session. The event was enthusiastically hosted by Ms. Parvathy S. Menon (Event Coordinator), along with Mr. Sreenath K V (S6 CSE) and many more students from the CSE department. The inaugural speech was delivered by Ms. Merin Ajay (S4 CSE). The session was open to all and many students from outside the institution had also participated.

The event came to an end at 7:00 pm with the vote of thanks being delivered by Ms. Kavya Haridas (S2 CSE) and presentation of a Digital Memento as a Token of Honour to the speaker. The webinar received a very good response with a total of 95 participants of which around 75 participants were from SIMAT and the others were from outside the institution. The partakers included students, academicians and people from Industry. Students from various streams of engineering were benefitted from the talk.

WEBINAR SERIES: “GETTING INTO CORE COMPANIES – OUR VIEW”

INSPIRE, the students' association of the Department of Electronics and Communication Engineering, SIMAT, is organizing a sequence of webinars and workshops. The aim of these events is to improve the skills and talents of students along with their academic career.

The second talk of this webinar series was on “Getting into Core Companies - Our View” and was held on Saturday, the 22nd of May, via Google Meet from 3:00 pm to 4:00 pm. The

session was delivered by Ayana Mohan (Alumnus, SIMAT ECE 2014-18) Senior Design Engineer (FPGA), Mistral Solutions Pvt. Ltd., Bengaluru and Nasib K. J. (Alumnus, SIMAT ECE 2014-18), Hardware Layout Engineer, Gadgeon Smart Systems Pvt. Ltd., Kochi.

As all other events under Inspire this event was also fully organized and conducted by the students of the association under the guidance of Prof. Sushma M (HOD, ECE), and Mr. Sugesh MS, Mr. Nisanth P,

(Asst. Prof, ECE & Faculty Coordinator, Inspire). The event was enthusiastically hosted by Ms Amritha M Mohandas (S8 ECE) and many more students from the ECE department. The meeting started with the college prayer followed by an inaugural speech given by Prof. Sushma M (HOD, ECE). Ms. Suhailath (S4 ECE) and Ms Uma (S6 ECE) shared details about the speakers with the participants.

SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY
YAYANGODI, PALAKKAD

Webinar 2 of ECEED Association INSPIRE

Getting into Core Companies - Our View

Nasib K. J.
(Alumnus, SIMAT ECE 2014-18)
Hardware Layout Engineer,
Gadgeon Smart Systems Pvt. Ltd.,

Ayana Mohan
(Alumnus, SIMAT ECE 2014-18)
Senior Design Engineer(FPGA),
Mistral Solutions Pvt. Ltd.,

Saturday, 22nd May, 2021
3pm IST
Register Now!
<http://bit.ly/SIMATinspire2>

Student Coordinator:
Mr. Mithun Mohan C, (S8 ECE)
Staff Coordinators:
Mr. Sugesh W. S. (Asst. Prof. in ECE Department)
Mr. Nisanth P. (Asst. Prof. in ECE Department)
For any queries, mail us at <sugesh.ms@simat.ac.in>, <nisanth.p@simat.ac.in>

Educate, Innovate, Inspire

MIRAGE – AN ILLUSION OF MIND

The students association of the department of Electrical & Electronics Engineering, Blitz Kreis, is organizing a sequence of Online Webinars. The aim of this webinar series is to give Motivation, Physical & Mental Fitness, Entertainment, Stress Relaxation & Knowledge sharing to students during this lockdown period.

The First webinar in this series was held on 23rd May 2021 Sunday 7 to 8.30 pm – “Mirage – An Illusion of Mind” a live Interactive show by Sravan Sudhakaran. Sravan Sudhakaran S6 EEE student of Sreepathy Institute of Management & Technology, a Mentalist, Hypnotist, Psychological Illusionist, Soft skill Trainer and Sand artist. He conducted different programs under the banner of IEEE, KTU & NSS.

Sreepathy Institute of Management And Technology
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION
Presents

MIRAGE

An Illusion of Mind

LIVE INTERACTION WITH
MENTALIST SRAVAN SUDHAKARAN

Reg @ <https://bit.ly/3u6eNvb>

23 May 2021, 7 PM
Google Meet

He is a founder of Amateur Magician virtual community & Co founder and CEO of EXELARC Group. He is a former Volunteer Secretary of NSS unit and former link representative IEEE SIMAT, SB section Kerala

The webinar started with Welcome Speech by Mr. Renjith P C – HOD in charge EEE Dept. The Inauguration of the First Webinar series by the Association of EEE – Blitz Kreig was done by Principal Dr. S P Subramanian. Felicitation of the event was done by Mr. Sebin Sunny P – Assistant Professor – EEE Department. The event was coordinated and conducted by the Students association of EEE dept under the guidance of Mr. Renjith P C – HOD in charge EEE Dept. The Event was nicely hosted by the event coordinators, Vishnulakshmi PP – S6 EEE & Sudev K –S4 EEE.

HEALTHY EATING-APPETITE FOR HEALTHY FOOD

Women cell SIMAT in association with Department of Computer Science Engineering organized a webinar "Healthy Eating - Appetite for Healthy Food" on Wednesday, 26th May, 2021 through the Online Platform Google Meet. Speaker of the program was Ms. Rekha Raveendran, Owner of "Crazy Bakes", Member of BNI, Craft Baker & Baking Trainer. Students, academicians across the state participated in the program.

The session also included an interactive session. Ms. Sreeja P (Asst. Prof, ECE) presented the Digital Memento as a Token of Honour. Ms. Sneha P, S6 CSE student, delivered the vote of thanks. Event was hosted by Ms. Vishnulakshmi P. P and was coordinated by Ms. Aswathy P. G (Asst. Prof, CE) and Ms. Aswathy T K (Asst. Prof, CSE). The e-certificates of events were distributed to all participants who successfully filled the feedback form after the completion of the event.

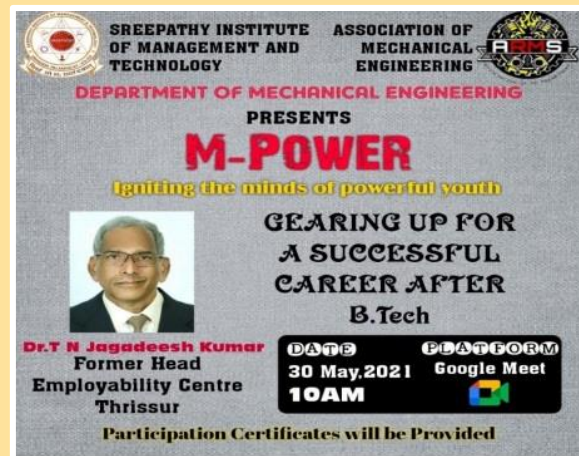


The poster is for a webinar series titled "WE FOR WOMEN" WEBINAR SERIES (6TH OF THE SERIES). It is organized by SREEPATHY INSTITUTE OF MANAGEMENT AND TECHNOLOGY, VAVANODR, PALAKKAD. The event is part of the Women Cell SIMAT and CLEMANTIA series. The speaker is REKHA RAVEENDRAN, OWNER OF "CRAZY BAKES", MEMBER OF BNI, CRAFT BAKER & BAKING TRAINER. The event is on MAY 26TH WEDNESDAY at 3.00PM IST. The registration link is <https://bit.ly/SIMATw4w6> ON GOOGLE MEET. A small portrait of Ms. Rekha Raveendran is included on the right side of the poster.

GEARING UP FOR A SUCCESSFUL CAREER AFTER B. TECH

With a vision of igniting the minds of powerful youth, ARMS – Association of ME Department put start to a unique webinar series named “M-Power”. As the name indicates, the webinar series is planned to empower and up skill the students with enough knowledge and training, so that they can be successful both in academics and career. Through this webinar series, a good guidance and support to the students in various academic, non-academic, technical and career aspects are envisaged.

As a curtain raiser event, a fruitful webinar on the title, “Gearing Up for a Successful Career after B. Tech” was organized on Sunday, 30th May 2021 at 10.00 AM on Google Meet platform with more than 140 active participants from within and outside SIMAT. The session was handled by Dr. T N Jagadheesh Kumar (Former Head,



Employability Centre, Trissur). Mr. Praveen Kumar K (HOD, ME) gave the official welcome speech. The webinar was inaugurated by Dr. S P Subramanian (Principal, SIMAT). The principal highlighted the importance of up skilling and training in his inaugural speech.

After the inaugural address, Mr. Harigovind C B (S4 ME) introduced the speaker to the participants. The Speaker Dr. Jagadheesh Kumar is a motivational speaker, Professional career mentor and Life skill trainer who interact with the students of schools and colleges throughout Kerala. He started the session by pointing the importance of attitude, skill and passion in achieving a successful career. With examples, he showed that improving professional skills and knowledge is very much essential for getting selected for a job. He suggested various methods to develop skills & knowledge such as continuous learning, reading books/newspapers, learning new languages etc. He also explained about the various requirements for the students to be successful in engineering profession.

At the end, the speaker threw some light towards various future jobs and also some of the current jobs that will disappear in about 20 years. Through the session, the students got a very good insight about the career aspects after graduation and the skills and qualities to achieve a good career growth after engineering. They understood the fact that “Education without Knowledge and Knowledge without Skills is worthless”. The session came to an end by 11.30 AM. After that, Mr. Sarath Sankar K S (Asst. Professor, ME) handed over the token of Gratitude by the department to the speaker. The students gave a very positive feedback after the talk. Mr. Jagadheesan A K (S6 ME), officially delivered the vote of thanks.

TECHNOLOGY FOR SUSTAINABILITY

IEEE SIMAT SB has conducted a webinar on the topic **TECHNOLOGY FOR SUSTAINABILITY** on 13th of May 2021 at 4:30 PM through Google meet. We are very grateful for having Dr. RAMALATHA MARIMUTHU (Secretary of IEEE Computer Society) as the speaker.

QUEST

‘Quest’ was a skill development session conducted by the WIE AGs of IEEE SCT SB and IEEE SIMAT SB on the topic ‘Career Development through IEEE WIE’, as a part of WiEvacity - WIE Week 2021. It was conducted in Google Meet on 6th May 2021 from 6 pm - 7pm. This event was conducted to provide a platform to understand how one can develop a promising career and to be aware of how IEEE WIE can be beneficial towards one’s career development. Be familiarised with the steps and skills that are required to build a good career. Realisation of the benefits IEEE WIE can provide in one’s career development. The program was conducted by Mr. Nandan S, Funding Coordinator, IEEE R10 Student Activities Committee , Chair, Young Professionals AG , IEEE Kerala Section.

MAYHEM DRIVEN

‘Mayhem Driven’ was a virtual treasure hunt competition conducted by the WIE AGs of IEEE SCT SB and IEEE SIMAT SB on the topic ‘Women in STEM’, as a part of WiEvacity - WIE Week 2021. The event was conducted online. The event was conducted on

8th May 2021 from 10am - 8pm. This event was conducted to impart knowledge about some of the most brilliant Women in STEM field and to increase the skill of teamwork.

AI FOR EARTH - MICROSOFT ONBOARDING

The official on boarding session of AI for Earth grantee was organized by Microsoft on 4th May 2021. The event started at 8 am UTC with a welcome note by Dan Morris (Principal scientist, AI for Earth). All grantees were given an opportunity to introduce and grantees from 45 different countries attended the event. The on boarding session was handled by Bonnie Lie. In the 3 hour session, she discussed about azure sponsorship activation, account creation, starting with azure porta, joining the global network of grantees, adding collaborators to the project, submission of reports etc.

GOOGLE ACE STUDENT ON BOARDING

A student on boarding session to onboard students to the Google Associate Cloud Engineer Program was conducted on 15th May 2021. 7 students from SIMAT was selected by Google and awarded a scholarship of USD 400 to start their cloud journey with Google. Mr. Akshit Jain inaugurated the on boarding session and provided an overview of Google ACE program and the timeline of course completion. Sreelakshmi (PM, ASAP) provided an overview of the coursera platform and qwik labs platform. The event concluded with a vote of thanks by Mr. Sebin Sunny P.

PRODUCT DESIGN AND MANUFACTURING WITH AUTODESK FUSION 360

An orientation seminar on product design and manufacturing using Auodesk was conducted over Google Meet on 22nd May 2021. The programme started with a welcome address by Sebin Sunny P (Nodal Officer, IEDC SIMAT). The session was handled by Sreelakshmi (Program Manager, ASAP Palakkad). The session covered an introduction to Autodesk and the various opportunities for participants who successfully complete the product design course. The programme was jointly organized by IEDC, ASDC and ASAP Kerala.

COME AND CODE INDIA - INTRODUCTORY SESSION

An introductory session of Come And Code India was conducted on 22nd May 2021. The event was a hands on training workshop to the new ninjas signed up for the May 2021 cohort of Come and Code India. Radhakrishnan Nair (PKV Vanitha Library, Kottayam) delivered the welcome address. Maria Reguera (Development lead, Vision RCL UK) and Sebin Sunny P (IEDC SIMAT) gave an introduction to Come and Code India. The hand on training was handled by Meenakshi (Mentor, UK). In the session zoom controls, introduction to scratch and account creation were discussed.

BUSINESS PLAN FOR STARTUPS

A National Level Webinar on “Business Plan for Startups” was conducted on 25th May 2021 by Department of EEE in association with Entrepreneurship Development Institute of India, Ahmedabad, and Innovation & Entrepreneurship Development Center of SIMAT. This is the second webinar on this series.



The webinar was attended by 85 participants from 6 different states. The webinar commenced with a welcome address by Prof. Renjith P C (HOD, EEE). The welcome address was followed by an Inaugural session. The National level webinar was inaugurated by Dr S P Subramanian (Principal, SIMAT). The inauguration was followed by a photo session. Vishnulakshmi PP (Student coordinator, EEE) invited Mr. Sivan Ambattu (Associate Faculty EDII) for the webinar introductory session where the speaker provided an overview and scope of the webinar. He also introduced several activities undertaken by Entrepreneurship Development Institute of India, Ahmedabad (EDII).

Next session was handled by Mr. Shubin Mohammed K (Assistant Faculty EDII). In his session he explained various stages of Business plan and provided the features of a good business plan. A Business Plan must be very important for Startup activities for approval

as well as to get financial assistance from Ventures. The digital token was presented to the speakers by Mr. Syam Prasad (NSS PO) after the discussion session. The vote of thanks was delivered by Mr. Terin Shim (EEE 2018). The event concluded at 6 pm.

GAME ZONE- ENTERTAINMENT SESSION

The NSS Unit 233 of SIMAT organized an entertaining session **GAME ZONE** for the volunteers. The program was conducted through google meet and it was mainly aimed at creating mental refreshment and happiness among the volunteers after regular online classes. The program started at evening 3:00 pm and Mr. Syam Prasad G (PO, NSS Unit 233) along with Mrs. Jayasree N Vettath (APO) joined the session. The Newly enrolled Volunteers introduced themselves in the program and after, games were started. All the volunteers actively participated in different games and prizes were also distributed to the winners. The program ended after a feedback session by the volunteers.



STUDENT ACHIEVEMENTS

Mr. Sravan Sudhakaran (S6 EEE) conducted a live interactive show as a part of ElectroBlitz webinar series conducted by the association of EEE Dept.

Mr. Mohammed Irfan (S8 CSE) delivered a talk in the webinar series “XLENCY SERIES” conducted by the department.

FACULTY ACHIEVEMENTS

Mr. Syam Prasad G attended webinars on “Term-Aim to Fly High” Organized by JCI Palakkad & also coordinated an Individual Development webinar on: “Why not? I am ok You are OK” for JCI Palakkad.