

Activities – 2023

1. Event on 19 Jan 23

Webinar Talk by Prof.GS Mani on the topic **“Electronic Warfare- Rhine to Ukraine”** organized jointly by LMAG Madras Section and LMAG India.

After formal self-introduction by the members present online, Mr.Koruthu Varughese Coordinator LMAG India welcomed the gathering. Mr.S.Sundaresh, Chair, LMAG Madras Section, introduced the speaker Prof.GS Mani from Pune Section, a veteran of IEEE in India and also highlighted the importance of electronic warfare in modern battle. Prof G.S. Mani began with the simple electronic warfare systems employed by German Army during the second world war. He elaborated the growth of the complex electronic warfare systems as more and more complex electronic sensors were deployed in the battle field. He explained in detail, the state of art electronic warfare systems and the counter and counter counter measure techniques employed in those systems. The meeting concluded with the presentation of virtual memento to Prof GS Mani followed by vote of thanks by Mr.Gopalaln Nair.

2. LMAG Madras Section Execom Meeting on 20 Jul 23

The Execom was held in Taramani Guest House at ITT Madras. The main agenda of the Execom of LMAG was discussion on the future events that are to be planned and conducted before the end of the year. The execom identified a few possible speakers whom can be approached for delivering a talk.

3. 29 July 2023: YP and LMAG alongwith Industry and Student activity Committee, jointly Conducts a Summit/Workshop on “I3(Individual, Internet and Industry) Safety”

The I3 Safety Summit commenced with a grand **inaugural ceremony**, with the welcome address by Mr.Arun, Chairman, YP Committee, followed by addresses by the Chairman, Madras Section, Prof.Brindha, Chairman Student Committee and Mr.S.Varadarajan, Life Senior member.

Mr. Sriram, the Director at TG Cyberlabs Pvt. Ltd and a distinguished Google Top Security Researcher, delivered an enlightening session on internet safety. He unraveled the numerous safety challenges that

surround us in the digital realm and shed light on the vast scope of opportunities in cybersecurity careers

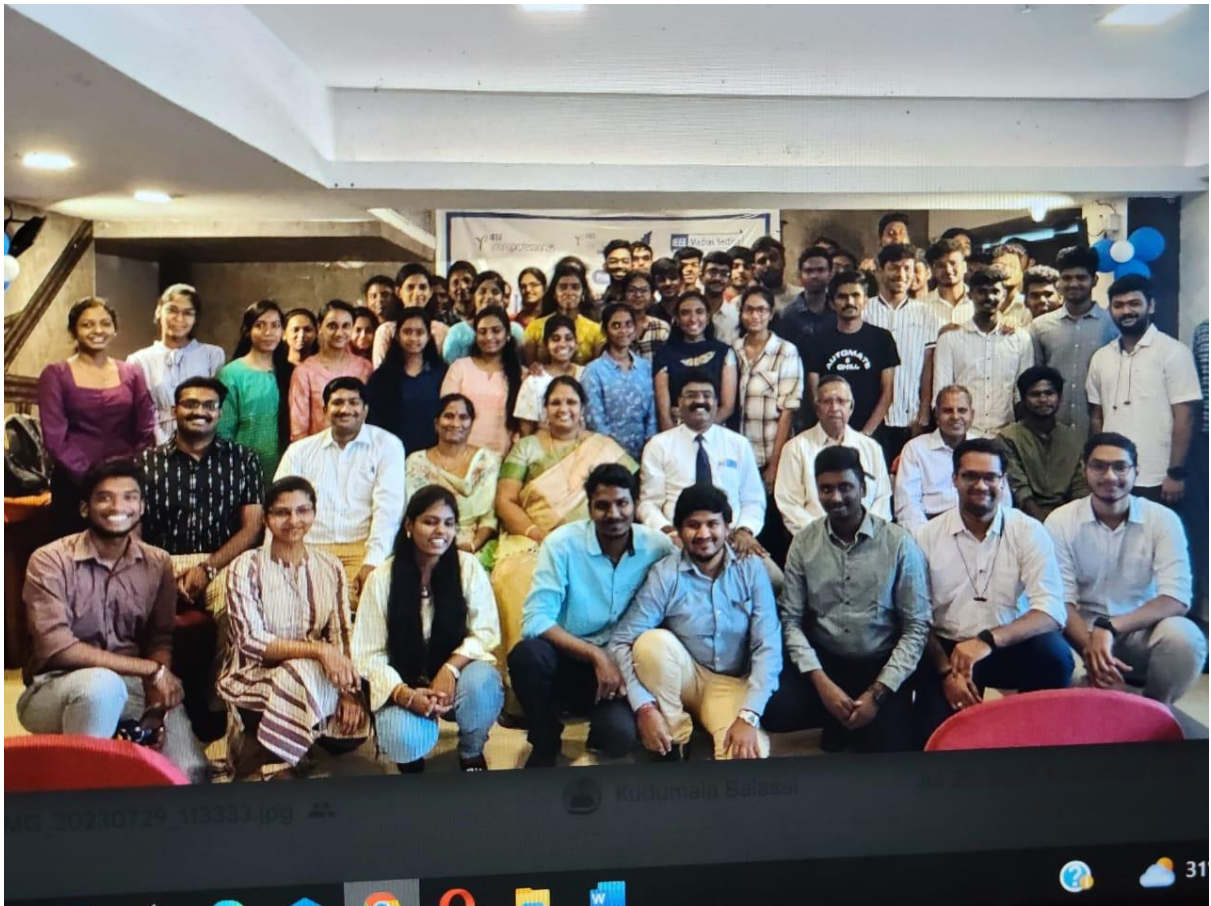
Dr. Soma Prathibha, an esteemed Associate Professor from the **Department of Information Technology** at Sri SaiRam Engineering College and Vice-Chair of IEEE WIE Madras Section AG, captivated the audience with her expertise in individual safety and academic excellence.

Prof. Rushali Thakkar, a distinguished Electronics Engineering Student Branch Counsellor, IEEE BS, and member of WIE IEEE BS, delivered an enlightening session on cyber awareness. As an Assistant Professor at M.H.S. Saboo Siddik College of Engineering, Prof. Thakkar shared her wealth of experience in cybersecurity education, equipping the audience with the knowledge and tools to stay safe on the e-platform.

Mr. S. V. Varadharajan and Dr. S. Sundaresh, both distinguished speakers, shared their insights and experiences during the fourth session







4. **03 August 2023: Technical talk on “Perspectives on Computer networking and Cloud Computing” by Shri.S.Ramakrishnan, Former DG,**

Technical talk on “Perspectives on Computer networking and Cloud Computing” by Shri.S.Ramakrishnan, Former DG, CDAC, organized by IEEE LMAG and CS of Madras Section and SETS (Society of Electronic Transactions and Security, Chennai) on 3rd August 2023.

Shri S.Ramakrishnan in his professional career spanning more than 3 decades had associated right from the early stages of internet in India and played a key role in establishing the internet with large scale accessibility. He recounted the challenges and the parallels in the growth of Internet in the global scene as well as in India. He delineated the entry and the growth of Cloud computing and the challenges in formulating standards for the cloud computing.





The Talk was conducted in SETS Abdul Kalam Auditorium. The event was attended by about 40 persons and about 75 persons listened to the talk online. The talk was well received and there was an active Q & A and interaction session followed by Tea and networking followed by a group photo.

5. **LMAG Execom meeting on 7th Oct 2023:**

Dr.Devanathan, Vice Chair and Mr.C.R.Sasi, Past Chair, conveyed over phone their inability to attend due to illness and confirmed their agreement to the decisions taken by the Chair and the Secretary cum Treasurer.

Minutes of the meeting of LMAG Execom meeting held at Taramani Guest House, IIT Campus on 7th Oct Saturday, from 11am onwards is given below:

The following agenda points were discussed as per the agenda and the following decisions/action plans finalised

5.1.Events planned for the rest of the year 2023.

With today's execom meet, the total number of activities conducted during the year comes to a total of 5 events. One more event is already scheduled on 28th Oct. Apart from this it is planned to put in efforts to conduct two more events during November/December and achieve 8 events for the year 2023.

5.2. The present finance status of LMAG and the Budget projection for the year 2024 with events planned for the year 2024.

It is planned to aim at 10 events during the year 2024, mostly with online webinar and a few physical events jointly with Section, YP and Societies

5.3. Election of new office bearers for the term 2024-2025.. Formation of nomination Committee.

It is decided that the Chair should send out a mail seeking volunteers for the positions of Chair, Vice Chair Secretary and Treasurer. Depending on the responses, a consensus will be achieved and the new team of office bearers will be finalised and handing over will be done in the first week of January 2024

5.4. Sponsorship of Registration fee for Life members to attend the AISYWLC 2023 at Lonavala from 3 Nov to 5 Nov.

- There was no response from the to the proposal of sponsorship for an LM to the tune of Rs.6000/ towards the Registration fee for the AISYWLC 2023. So the date is now extended to 20th Oct. If no response comes, then the scheme will be dropped

5.5. Sundaresh.S, Chair LMAG Madras Section is delivering a talk at the R10 HTC Life Member track being held at Rajkot, and is seeking sponsorship of Registration fee of Rs.2950/- to attend the same

The execom approved the grant of rs.2950 to Mr.S.Sundaresh, Chair, LMAG towards the registration fee for R10 HTC Conference.

6. **28 Oct 2023 Webinar on “Indian Knowledge System” by Dr.Paramasivam**

The webinar is jointly organised by the IEEE CS, LMAG, ACM and CSI . Mr.HR Mohan gave the inaugural address followed by the webinar talk on “Indian Knowledge Systems”

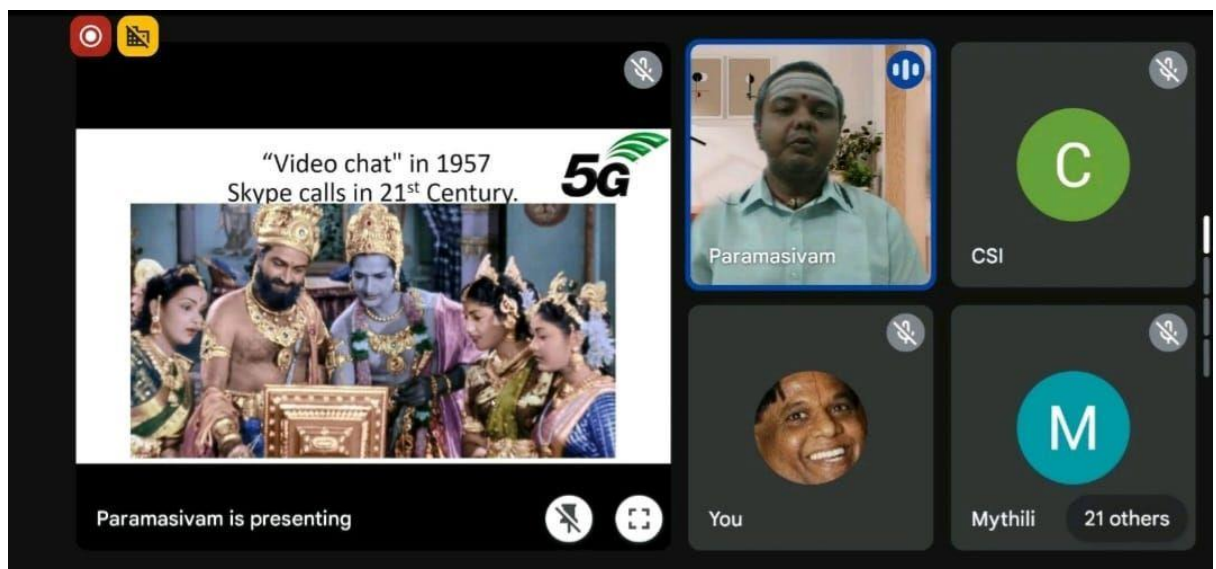
Dr.Paramasiam, Associate Professor, in Sona College of technology, Salem, walked the audience through a unique journey into India's historical wisdom, revealing how our ancestors harnessed their unparalleled knowledge to comprehend nature and guide their lives. In the relentless march of technology and Westernization, and how these profound insights have often faded into the background.

Yet, India has produced numerous unsung heroes who made substantial contributions to science and technology, their achievements often overlooked. Today, as the world turns to India for its Information Technology prowess, a resurgence of interest in Indian culture and its multifaceted aspects is evident.This resurgence has prompted a reevaluation of Indian culture and tradition, leading technologists to explore ancient scriptures for technological solutions.

The presentation will draw inspiration from a wealth of perspectives, including those of various think tanks and the speaker's own insights, passed down through generations. It will provide a window into how

Indian cultures and traditions were purposefully crafted and implemented over centuries.

In a nutshell, the atlk attempted to reignite appreciation for India's rich heritage of knowledge, revealing its timeless value in both the technological and cultural realms.



7. 30 Oct 2023: Cyber Security Awareness Program:

8. Cybersecurity Awareness Program

9. Society for Electronic Transactions and Security (SETS), IEEE Life Member Affinity Group Madras Section, IEEE Computer Society Madras and Computer Society of India, Chennai jointly organised the Cyber Security Awareness Program in Hybrid mode with the theme “Recent Trends in Cybersecurity” on 30th October 2023 from 9.30 a.m. to 1:00 p.m. IST While the physical event took place at Dr. APJ Abdul Kalam Auditorium, Society for Electronic Transactions and Security (SETS), MGR Knowledge City, Taramani, Chennai – 600113, the virtual meeting was held on Teams. The program started with a welcome note by Ms Suganya, Senior Scientist, SETS. Mr HR Mohan, Chair - Events and imm Past Chair, IEEE Computer Society in his address briefed on the Cybersecurity scenario and stressed the need for awareness to reduce the risk. He also explained about the events happening globally during the cybersecurity awareness month of Oct for the last 20 years. There were two talks: One on "Cyber Hygiene"

by Dr V. Natarajan, Scientist, SETS and the other one on "Emerging Threats to Cybersecurity" by Dr Reshmi, Scientist, SETS. Following these talks, there was a demonstration of the security products and solutions such as VPN, ITMA, REDS, PQC, UBF, SCA, TRNG, QRNG which were developed by SETS.



8. 30 Nov 2023: Workshop on Cyber Security”.

Society for Electronic Transactions and Security (SETS), IEEE Life Member Affinity Group Madras Section, IEEE Computer Society Madras, Computer Society of India, Chennai & Data Security Council of India had jointly observed the Computer Security Day with three talks in Hybrid Mode on 30th Nov 2023 from 2.30 pm to 5.30 pm IST.

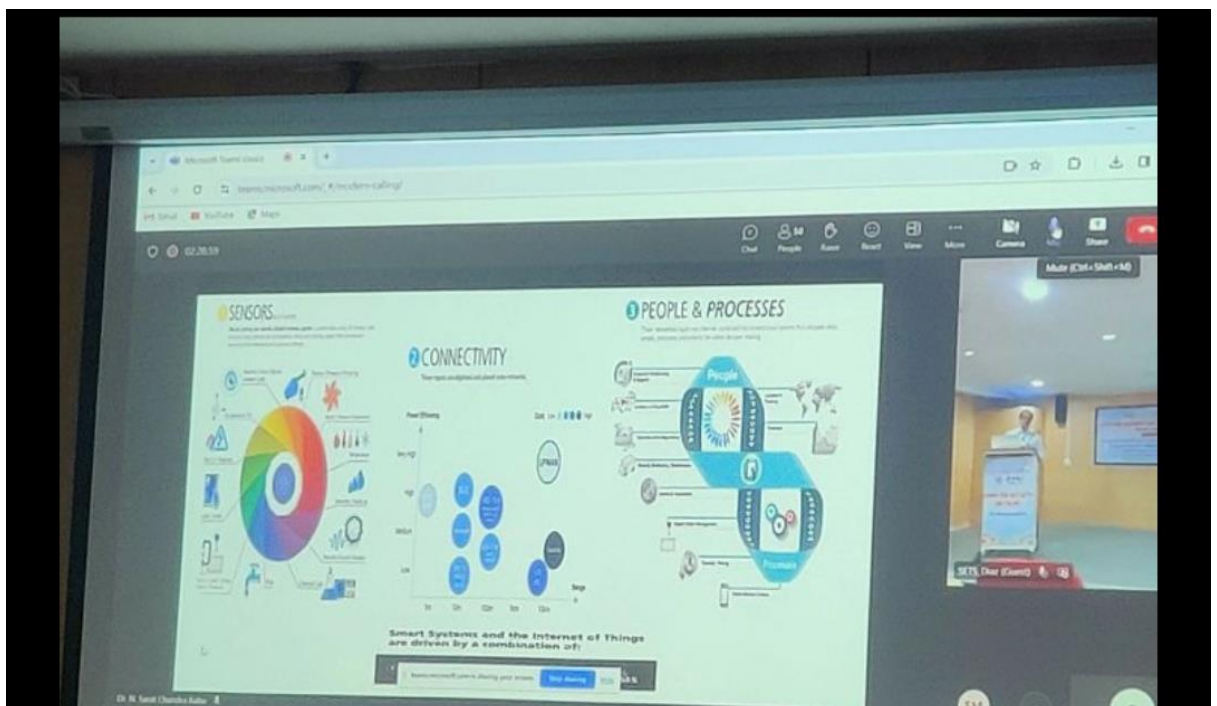
Dr. N. Subramanian, Executive Director, SETS welcomed the gathering and Mr. H R. Mohan, Chair-Events & Imm. Past Chair, IEEE Computer Society, Madras, briefed on the computer security day and set the stage for the talks.

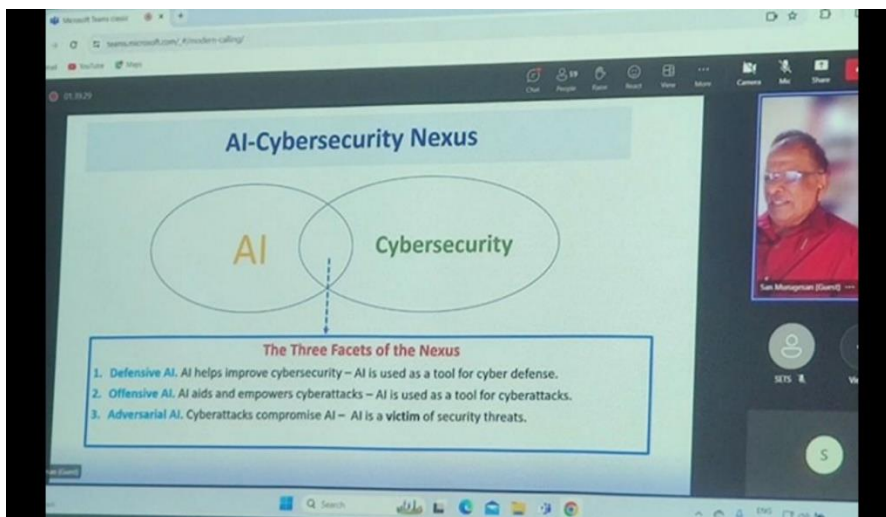
The first talk was on "Rethinking Cybersecurity: Evolving Threat Vectors" by Prof. D. Janakiram, Director, IDRBT, Hyderabad. It covered the technology trends such as generative AI, Blockchain, Cloud and Edge computing, and Quantum Computing and their deep implications on cyber security.

Following that, Prof. San Murugesan, Director, BRITE Professional Services, Sydney, Australia delivered a talk on "How AI is Reshaping the Cybersecurity Landscape" and highlighted how AI can have both positive and negative impact on cybersecurity.

Dr Sarat Chandra Babu, Advisor, DSCI, in his talk spoke about DSCI -- Data Security Council of India and enlightened the participants on "Securing Connected World of IOT/ IOE: Awareness for Citizens", elaborating the role of IoT in our day today life and how it should be secured using best practices. He also briefed on IoT security frameworks and standards.

The event concluded with the vote of thanks by Dr Reshmi, Scientist, SETS PDF invite at <https://lnkd.in/grPWwn8e> The event was coordinated by Dr P Nageswara Rao, Dr. TR Reshmi from SETS and had a participation of about 100 in both physical & online mode.





9. 15 Dec 2023 : “Living Empowerment – Women’s Mentorship Gala by Life Members”

This event was organised by WIE group of Madras Section jointly with LMAG. Three Life members Mr.C.R. Sasi, Director, Munnoth Industries and former LMAG Chair, Mr. T.S Rangarajan, Life member and Former Chair of madras Section and Mr.K.Krishnamurthy, Life Senior Member, Former Senior executive Citicorp participated in the event.

The Life members shared their career experience and good professional practices to be followed to be successful in one’s career and details about hoe IEEE membership helped in their career through networking and exposure to latest technologies.

The event was well appreciated by the women professional members and students and there was a good interactive session at the end of the session.



