



# IETE NEWS LETTER

Volume-25, Number-1, January-April 2023

## From President's Desk



Dear Members,

Welcome to the January-April 2023 issue of the IETE Newsletter.

This is one direct means by which we can keep our members apprised of the various ongoing and upcoming technical activities conducted by our Centres, Sub-Centres, and ISFs, in addition to Headquarters. The importance of this effort is emphasised by the fact that everyone involved is completely committed to advancing the goals and objectives of the country's most important professional body.

I'm happy to start by letting you know that the Delhi High Court decided in favour of the newly elected Governing Council Members for the period 2022–2025 on March 7, 2023. I have congratulated the newly elected members of the Governing Council and expressed my confidence in their ability to contribute to the institution's overall success. Here, I'd like to add that the Legal Committee, led by Chairman Prof (Dr) K Jayasankar, made the critical decision to replace the existing advocate representing IETE in order to expedite the legal case against the Governing Council Members challenging the election process, which happened for the first time in IETE history and that was damaging IETE's reputation. The Legal Committee Members and including me effectively pursued this matter, to get the case dismissed against the newly elected Governing Council Members, restoring IETE's honour.

I'm also happy to inform that after more than 5 years of deadlock, our argument with UK co-publisher Taylor & Francis over APC Open Access Supplement Issues related to revenue sharing on a 50:50 basis resolved. The long-standing vacant post at IT Department, Headquarters was filled during the month of February 2023.

The Staff Promotion & Recruitment Committee recommended promotion and increment to almost all staff of HQ which was awaited over ten years, In addition to increasing income from journals, membership, there was significant income growth for the fiscal year ending in 2023 (Approx Rs 80 Lacs). From Oct 22 to April 23, the membership growth recorded : Corporate Members-643, Organisation Members-28, and ISF Members-19765 students. The decision to stop printing IETE membership certificates and student membership certificates from January 2023 will save Rs ten lakhs annually. IETE's decision to adopt this cost-saving technique is consistent with that of others professional institutes in India and overseas that distribute digital certificates to their members.

National Institute of Electronics & Information Technology (NIELIT), a government organisation, entered into a rental agreement with us on December 22 for the rental of the IETE building in Karkardooma, New Delhi. On April 23, we also rented the 5<sup>th</sup> floor and a portion of the ground floor to CII. We made specific efforts to increase the Delton Hall's rental income. All of these could result in Rs. 10 Lac rental income every month .

I'd also like to take this opportunity to extend my congratulations to Shri G Ramesh (Bangalore) and Shri P S Sundaram (New Delhi) on their being elected as Distinguished Fellows of the Institution.

Recently, IETE has been active in the elections for Governing Council, President, and the Distinguished Fellows. To guarantee secure and reliable voting, the steering committee has decided on a new electronic voting vendor. This committee deserves praise for all of its hard work for such reforms.

In the past few months, IETE had conducted a number of activities to keep up with new technologies. On April 8<sup>th</sup> and 9<sup>th</sup>, 2023, Imphal hosted the 54<sup>th</sup> Midterm Symposium with the theme "Industry 5.0: The New Revolution." The event was inaugurated by the Honourable Chief Minister of Manipur, Shri N Biren Singh and co-hosted by the IETE Imphal Centre and the National Institute of Electronics and Information Technology (NIELIT), Imphal. Prof HNK Sharma, a former Vice Chancellor at Manipur University, delivered the 50<sup>th</sup> Vikram Sarabhai Memorial Lecture on this special occasion. The talk by Lal C Verma Awardee Shri VR Prakash Babu, Scientist 'F,' DRDO, Bangalore, on "Standardization of Quality Assurance and Quality Control Process in the Establishment to Develop High Quality and Reliable Radars" left the crowd speechless. The Governing Council Meeting in Imphal provided an opportunity to interact with the executive members of the local centre; and its organizers and participants deserve praise for their hard work.

We're pleased to share the good news that the honourable Chief Minister of Manipur favourably reacted to IETE's proposal for 25 acres of land to build IETE University in Imphal. The President appointed Dr K Jayasankar, Vice President IETE to head a high-level Committee comprised of Governing Council members, Past Presidents, and other experts to provide necessary insights and follow-ups.

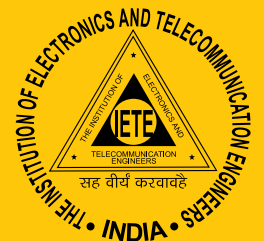
A Memorandum of Understanding was signed with NIELIT to conduct courses in Blockchain, Artificial Intelligence, Machine Learning, etc. The NIELIT Skill Development courses are offered all around the country,

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IETE HQs, New Delhi



and in January 2023 a new Technical MoU was signed to collaborate with ISFs and Organisational Members to become official Online Examination Centres. In addition, I'd like to appreciate the efforts put in by IETE Noida Centre, led by Centre Chairman Colonel (Dr) Bipin Pandey, to foster connections with IILM University Gurugram, Sharda University, Greater Noida, and Galgotias University, Greater Noida through a variety of collaborative endeavours.

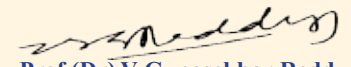
Celebrations of Students' Day, Science Day, and International Women's Day were held in many of our Centres and Sub-Centres, with ISF students playing important supporting roles. I am pleased to learn that ISFs are now being used to provide career advice to students after they graduate. Inside this issue you'll find reports from many of the places I personally visited to illustrate the institution's active participation across the country. The most recent occurrences, which occurred in May of 2023, will, however, be reported in detail in the next edition.

We capitalised on the occasion to showcase the catalytic role of IETE by exhibiting IETE journals, books, and banners at the Broadcast Engineering Society's Expo, BES 2023, hosted in Pragati Maidan in February 2023. We extend our gratitude to Hony Treasurer, Shri Sunil, BES's President, for providing us with a stall, which was visited by Secretary DoT and other senior government officials. IETE's interactions with international professionals swamped us with exposure. I attended the event in order to observe the attendees' reactions.

It is noteworthy to observe that our journals have been making significant strides in reducing the backlog of accepted articles. This is shown by the publication of 50 to 70 articles in each issue of the Journal of Research, which is a commendable achievement. The Journal of Education has undergone a significant transformation under the leadership of its new Editor-in-Chief. Similarly, IETE Technical Review is making notable progress with determination. We express our sincere appreciation to the Editors-in-Chief for their mission-driven approach in evaluating an increasing number of submitted manuscripts.

It is with great solemnity that I express my deepest condolences for the passing away of two esteemed senior Fellows of the Institution, namely Prof JV Dave from Ahmedabad Centre and Shri Kishor Ramhari Shende from Pune Centre. The enduring impact of their contributions will serve as a source of inspiration for us in the years ahead.

Lastly, I'd like to thank everyone who contributes to IETE's success, particularly those who serve on the Governing Council, Centre Chairs, and Executive Committee. I have no doubt that the upcoming days will pave the way for IETE's long-term holistic advancement in emerging fields.



**Prof (Dr) V Gunasekhar Reddy**  
President, IETE

Deputy Inspector General of Police (Retd)

## News from IETE Headquarters

### 54<sup>th</sup> Mid-Term Symposium of IETE on “Industry 5.0: The New Revolution” at Imphal

The 54<sup>th</sup> Midterm Symposium of IETE was conducted on April 7<sup>th</sup> and 8<sup>th</sup>, 2023, in Imphal, Manipur. The theme of the symposium was “Industry 5.0: The New Revolution.” The event was co-hosted by the IETE Imphal Centre and the National Institute of Electronic and Information Technology (NIELIT) in Imphal. Imphal, located 786 metres above sea level, is known for its picturesque landscapes and lush vegetation.

The Symposium was inaugurated by the Chief Guest, the Honourable Chief Minister of Manipur, **Shri N Biren Singh**. Dignitaries who graced the occasion include **Prof (Dr) V Gunasekhar Reddy**, President IETE, **Shri Sunil**, Honorary Treasurer; **Shri H Kulachandra Singh**, Chairman Imphal Centre; **Shri N Debachandra Singh**, Director, NIELIT, Imphal; **Dr DS Bormane**, Vice President and Chairman Programmes & Publicity Committee, **Prof HNK Sharma**, former Vice-Chancellor of Manipur University and **Gp Cap Sonpal Singh (Retd)**, Secretary General, IETE.

The President of IETE, **Prof (Dr) V Gunasekhar Reddy**, addressing the audience emphasised the significant contribution of the Institution in promoting the field of electronics, telecommunications, and related subjects. This has been achieved through the organisation of symposia and talks, lectures, publication of internationally recognised technical journals, membership enrollment, conducting examinations, and providing a platform to keep up with the rapid changes in the technology ecosystem. The Centres, Subcenters, and IETE Student Fora of the institution serve as pivotal points for fulfilling one's academic goals. The process of exchanging ideas through collaboration with IETE results in the emergence of novel concepts that contribute substantially to the betterment of the community.

According to the Hon'ble Chief Minister of Manipur, **Shri N Biren Singh**, Industry 5.0, also referred to as the fifth Industrial revolution,

represents a novel and emerging stage of industrialization that involves the collaboration of humans and advanced technology, including AI-powered robots, to improve workplace operations. The speaker placed emphasis on the developing prospects in the northeastern region of India, as envisioned by the Prime Minister. The individual confidently declared that North East India is a force to be reckoned with and extended an invitation to professionals to establish universities and Centres of Excellence within the state of Manipur. The speaker made reference to the forthcoming Grand Finale of Femina Miss India 2023, scheduled to take place on April 15<sup>th</sup> in Imphal, as an indication of future events. The programme received well wishes for its success from **Th Biswajit Singh**, who holds ministerial positions in Power, Forest & Environment, Agriculture, and Science & Technology.

The Chairman of Imphal Centre, **Shri H Kulachandra Singh**, conveyed his felicitations for the success of the Symposium in Imphal and conveyed his contentment for being able to endorse the programme. The speaker extended a warm welcome to the attendees from the Institution of Electronics and Telecommunication Engineers (IETE) and their respective partners who had arrived to participate in the proceedings.

In his address in capacity as an Honourable Treasurer, **Shri Sunil** emphasized Rs 2500 Crore had been allocated for the improvement of broadcast infrastructure, with Rs 200 Crore set aside specifically for the North Eastern states.

**Prof HNK Sharma**, a former Vice Chancellor of Manipur University, delivered the **50<sup>th</sup> Vikram Sarabhai Memorial Lecture** on this occasion. Richly praising the visionary scientist, he emphasised that he was an institution builder—a fact that is not widely known to many. The Physical Research Laboratory in Ahmedabad, the Indian Institute of Management in Ahmedabad, the Electronic Corporation of India in

Hyderabad, the Vikram Sarabhai Space Centre in Thiruvananthapuram, the Space Applications Centre in Ahmedabad, and the Uranium Corporation of India Ltd. in Jaduguda in Bihar are just a few of the institutions he established through trailblazing initiatives. Dr Sarabhai and his team's tireless work allowed India to catch up to advanced nations. He passed away in December 1971, and the IETE established this Annual Memorial Lecture in honour of his selfless devotion to the country. Prof K R Ramanathan gave the inaugural lecture in this series in Bangalore, followed by Prof Raja Ramanna in Bombay in 1974 and 47 other distinguished speakers.

According to the speaker, **Prof HNK Sharma**, the most recent Launch Vehicle Mark-III successfully deployed the second set of 36 satellites for UK-based One-Web on March 26, 2023. The Department of Space established New Space India Limited (NSIL), and so far it has signed 19 technology transfer agreements with various sectors of the Indian economy. His talk about the discovery of exoplanets and the question of extraterrestrial intelligence held the audience in rapt attention.

**Shri VR Prakash Babu**, a Scientist 'F' at DRDO in Bangalore, delivered this year's **IETE-Lal C Verman Award Lecture**. The winner gave a captivating talk on the topic of "**Standardisation of Quality assurance**

**and Quality Control process in the establishment to develop high Quality and Reliable Radars,"** which kept the audience on the edge of their seats. Quality Control, Quality Assurance, and Quality Management are all terms he defined and differentiated. Using a case study, Shri Babu was able to uncover details about the Electronics and Radar Development Establishment's (LRDE) quality assurance and quality control procedures, as well as a plan for standardisation in this rare field.

The Secretary General, **Gp Capt Sonpal Singh (Retd)**, presented a vote of thanks on behalf of the Governing Council, expressing appreciation to all stakeholders for their contributions to the successful outcome of the event.

Panelists expressed their distinguished ideas and concern over application of technology for benefit of the people and nation via their talks and presentations.

Special Panel Discussion on IETE's 54<sup>th</sup> MTS was organized on 6<sup>th</sup> April 2023 by Doordarshan Manipur attended by **Prof Reddy** President IETE, **Shri Sunil**, Hony Treasurer, **Dr D S Bormane**, VP & Chairman TPCC, **Prof (Dr) J W Bakal**, Past President and Shri H Kulachandra Singh, Imphal Centre Chairman.



## IETE Zonal Innovation-Industry Meet

The **IETE Chandigarh Centre** organised **IETE Zonal Innovation-Industry Meet** on 24<sup>th</sup> Mar 2023 on the theme **Industry 4.0: Technological Advancements**.

**Dr Amod Kumar**, Chairman, IETE Chandigarh Centre welcomed the gathering and highlighted salient points in respect of 4<sup>th</sup> Generation Industrial Revolution and its impact on the Indian industry. **Dr Sanjeev Kumar**, Honorary Secretary, IETE Chandigarh Centre introduced the speakers: **Shri Vivek Gupta**, Intelligent Materials Pvt Ltd Dera Bassi, **Shri Sanjeev Checker**, Director, SNA Power Chandigarh & **Shri Sumit Mourya**, LM Healthcare, Panchkula. **Shri Vivek Gupta** delivered the talk on **Nanotechnology Applications and Impact**

**on the life of common man**, highlighting the role of new generation of fuels, biofuels and emerging India in healthcare. **Shri Sanjeev Checker**, spoke on **Electronics Vision in India**, focusing on requirement, production and usage of electronic components



and equipment in the country. **Shri Sumit Mourya**, elucidated the topic, **Industry 4.0: Impact on Healthcare**, explaining the trend of transformation of Medical Device Industry by application of digital technologies like IoT, artificial intelligence, machine learning, cloud computing, edge computing etc. Over 100 IETE members attended. **Dr PK Awasthi**, Hony Treasurer, Chandigarh Centre proposed vote of thanks.



## Zonal Seminar on “Emerging Sensors and Electronics Systems (ESES-2023) by IETE Chandigarh Centre

The **IETE Chandigarh Centre** successfully hosted a one-day **Zonal Seminar** in the IETE Chandigarh Centre Building, Chandigarh on April 28, 2023. The seminar’s focus was on “**Emerging Sensors and Electronics Systems (ESES-2023)**”.

Saraswati Vandana and Jyoti Prajwalan were performed to kick off the programme. **Dr Amod Kumar**, Chairman of IETE Chandigarh, welcomed Chief Guest, **Prof (Dr) V Gunasekhar Reddy**, President of IETE, New Delhi, EC members of IETE Chandigarh Centre, invited speakers, dignitaries, delegates, and student participants from IETE & NIELIT Chandigarh. He outlined the significance of smart sensors in Industry 4.0. **Dr Umesh Kumar Tiwari**, Senior Principal Scientist, CSIR-CSIO, and Convener of ESES-2023, introduced the Seminar’s topic and its scope. During the seminar, he described the technical sessions, invited lectures, and number of research papers that would be presented. IETE Governing Council Member **Gp Capt R C Goyal, VSM (Retd.)**, delivered the keynote address. He discussed the applications of sensors and signal conditioning in industrial instruments, smart sensors, types of signal conditioners, as well as the benefits and limitations of smart sensors. The Guest of Honour was **Prof (Wg Cdr) P Prabhakar (Retd)**, Immediate Past President of IETE New Delhi. He detailed the accomplishments of IETE and the significance of sensors and systems in his address.

**Prof V Gunasekhar Reddy**, President of IETE and the event’s Chief Guest, inaugurated the seminar. He praised the seminar’s

organisers for choosing such a pertinent subject in the beginning of his speech. According to him, the relevance of smart sensors has expanded as a result of the exponential growth of the internet of things (IoT) in recent years. **Dr Sanjeev Kumar**, Honorary Secretary of the IETE Chandigarh Centre, presented a vote of thanks at the event.

**Prof (Dr) Ravinder Agarwal**, a professor at Thapar Inst. of Engg. & Tech. in Patiala, gave the inaugural invited lecture on “**Sensors Technology: Past, Present, and Future.**” **Dr Akashdeep**, Chief Scientist at Inst. of Nano Science & Tech. Mohali, presented a second invited lecture titled “**The Role of Nanotechnology in E-Waste Management.**” **Dr Satish Kumar**, Chief Scientist, CSIR-CSIO, Chandigarh, gave the third presentation on ‘**Edge Computing for Sensors & Systems.**’

All three presentations were extremely engaging, informative, and well-received by the audience, as evidenced by their keen interest and numerous questions following each presentation. Approximately 15 research papers were presented at the seminar, which was attended by roughly 100 people. All participants received certificates for their oral presentations. **Ms Shivalika Goyal**, a CSIR-CSIO Chandigarh research scholar, was conferred the “**Best Paper Award.**” During the valedictory function, **Dr Amod Kumar**, Chairman, presented a vote of thanks to the Chief Guest, Guest of Honour, Keynote Speaker, invited speakers, delegates, and other participants for their attendance, attentiveness, and contributions to the event.



## Sir CV Raman Memorial Lecture – 2023

The IETE Bangalore Centre invited **Prof Navakanta Bhat**, Dean, Division of Interdisciplinary Sciences, Centre for Nano Science and Engineering (CaNSE), Indian Institute of Science (IISc), Bangalore, to deliver the annual **Sir CV Raman Memorial Lecture** on February 26, 2023 to commemorate National Science Day 2023. The topic of the speaker's presentation was "**Nanotechnology in India: Present and Future Prospects.**" Prof Bhat, speaking about Nanoscience and Nanotechnology, stated, "There is plenty of room at the bottom; miniaturisation has no limit." Nanotechnology focuses on objects with dimensions less than 100 nanometers. The ratio of a cube's surface area to its volume is  $6/L$ , and as  $L$  approaches zero, this ratio tends to approach infinity. This is an example of how everything becomes extremely efficient at nano scale, where gold loses its lustre and water boils in virtually no time. Prof Bhat discussed two methods for the fabrication of nanoparticles, which can only be observed with an electronic microscope: "bottom up" and "top down," with the latter method being the more prevalent. According to him, the Department of Science and Technology of the Government of India and the Government of Karnataka (with its Nanotech Parks) have established a vast infrastructure. The 2016 establishment of the National Nano fabrication Centre at IISc is open to anyone interested in working in the field. IISc has trained a significant number of students through its Nano Users' Programme,



including students from institutions in smaller cities. Bangalore is the foremost centre for Chip design, followed by Hyderabad, Pune, and Noida. Professor Bhat remarked that the future prospects for nanotechnology are immense. We still have a long way to go, and we have much to learn from nature.

President IETE, **Prof V Gunasekhar Reddy**, presided over the event and he was introduced to the audience by **Dr Puneet Mishra**.

He addressed the sizable gathering that had gathered. **Dr C P Dwivedi**, Chairman of IETE Bangalore, Centre delivered the welcome address.

**Dr S G Shivaprasad Yadav**, IETE Bangalore's Honorary Secretary, introduced the guests of honour, **Prof Baswaraj Gadgay & Dr D S Bormane**. The vice-president of the IETE, **Dr D S Bormane**, spoke about the Sir C V Raman Memorial Lecture.

**Prof Baswaraj Gadgay**, vice president of IETE, provided an overview of IETE. **Dr M H Kori**, Chairman of the Academic

Committee at IETE Hqs, introduced the chief guest. The **IETE Students' Day** was observed following the Raman Memorial Lecture. Vice Chairman **Dr CV Ravishankar** provided an introduction to the Students' Day Programme. Students from various engineering schools participated in the subsequent cultural events.

The vote of thanks was proposed by **Dr D G Rao**, Honorary Treasurer of IETE Bangalore.

## IETE Distinguished Fellows Elected

**IETE is pleased to announce the addition of Shri Ramesh Gorantala and Shri P S Sundaram to its roster of Distinguished Fellows.**



**Shri Ramesh Gorantala (F036796)** MDT/RC, Grad IETE, MTech (QM) & MA (STL), joined ISRO Satellite Centre Bangalore in 1983, after obtaining a special diploma course in Electronics (under Indo Soviet credit agreement 1966). While in service, Shri Ramesh obtained a degree in Electronics and Telecommunication Engineering from IETE New Delhi, an MTech in Quality Management from Birla Institute of Technology (BITS), a Post Graduate Diploma in Management from Indira Gandhi National Open University and a master's degree in "Space & Telecommunications Law" from NALSAR University of Law Hyderabad. In addition, he completed a number of proficiency courses at the Indian Institute of Science Bangalore. He is also an ISO Lead Auditor with certification. He was reappointed as Scientist / Engineer "SB" in September 1986 after completing Grade IETE.

During his long tenure of over 39 years at the UR Rao (ISRO) Satellite Centre, he made significant contributions to Quality Control, Quality

Assurance, Project/Program Management, and Indigenisation, etc. As QA in charge he oversaw Solar Panel fabrication, Indigenisation of Solar Cells (BEL)/ Integrated Circuits and ASICs (BEL/ITI) / Hybrid Micro Circuits (WIE/HAL/ISAC/KHMD). From Aug 1996 to Feb 2004, Shri Ramesh was tasked with addressing and implementing issues relating to Quality Assurance and Process Standardisation activities in establishing up a 1m CMOS VLSI Foundry at the ITI Bangalore Complex, known as SITAR. He qualified the first SITAR product (ANUPYTH) to meet military standards.

Shri Ramesh has made a significant contribution to ISRO's Scientific Satellites programmes. As Project Manager, Reliability & Quality Assurance RQA (E) SROSS-C2 Spacecraft, he was responsible for all quality assurance activities. Shri Ramesh was responsible for the development, testing, and evaluation of the ASTROSAT projects (India's first multi-wavelength astronomy satellite) electrical systems. He oversaw the procurement and production support activities at

the programme management office of Indian Remote Sensing and Small Satellites (IRS/SSS). He was responsible for total inventory control administration and the sourcing of electrical, electronic, and electromechanical (EEE) components for all Spacecraft realisation projects at ISRO/UR Rao Satellite Centre while working at Components Management Group (CMG).

As one of the founding members of the International Microelectronics and Packaging Society (IMAPS) India Chapter, he served as the organization's Honorary Secretary. He contributed significantly to the planning of numerous national and international IMAPS conferences. As Treasurer and Honorary Secretary of the Space Officers Association, he made significant contributions.

Served as the IETE Governing Council (2019–2022) and contributed significantly to the development of IETE Bangalore Centre over 35 years (from student to chairman). He was responsible for instituting transparency and efficiency to the membership activities, which resulted in a record-breaking increase in membership. Shri Ramesh is an ardent proponent of our institutions motto, "Saha Veeryam Karavavahai." Shri Ramesh was the chairman of the organising committee for the inaugural IETE International conference IICI-18 in Bangalore. He is a member of SEE/IMAPS/ISRS/ISSE/INSRAM for life.



**Shri P S Sundaram (F068730L)** is a post-graduate in Engineering from IIT, Madras and has to his credit 50 years of experience in the Electronic Media. He had served AIR & Doordarshan from the year 1972 till 1995, in various cadres from Junior Executive up to Senior Management position. He had also served for five years with the Public Sector Undertaking, Broadcast Engineering Consultants India Ltd (BECIL) from the year 1995 till Dec 2000, as the founder Director and the first Chairman & Managing Director. With the Private Sector as Director & CEO of Intelivision Limited, he

conceptualized, evolved strategy, implemented and launched SPLASH – the Satellite Television Channel exclusively for school going children and NUM TV, a web steaming portal for audio and video channels. The SPLASH TV Channel content extensively utilized 2D &3D animation and VFX produced in-house.

During his tenure at AIR and Doordarshan, he was a member of the CCIR Interim Working Parties on Data broadcasting and Digital TV Standards and the Technology Information, Forecasting, and Assessment Council (TIFAC).

Shri Sundaram has been affiliated with Broadcast Engineering Society (India) - BES, a professional organisation, since 1990. From 1991 to 1997, as BES's Honorary Secretary, he planned and carried out a variety of activities that earned the organisation national and international recognition. In addition, he served as President of the BES from October 2007 to September 2008. Additionally, he was awarded the BES Lifetime Achievement Award in Broadcast Engineering.

Shri Sundaram is an IETE Life Fellow. He served as Governing Council Member of IETE (Institution of Electronic & Telecommunication Engineers – India) from 2010 to 2017 and as Honorary Treasurer of IETE from 2013 to 2015.

Currently, Shri P S Sundaram is the Managing Director of Technomedia Solutions Pvt Ltd, a company he founded in July 2002 with the objective of undertaking Consultancy and turnkey initiatives in the fields of convergent technologies and IT-enabled solutions for the electronic media industry. Technomedia's major clients in India include SUN TV Network, Daily Thanthi Group, Music Broadcast Ltd, ENIL (Times of India Group), Dainik Bhaskar, Malayalam Manorama Company Ltd, Mathrubhumi, etc., as well as numerous international media houses. He has more than fifty technical articles published in national and international journals and technical publications.

## Congratulations to IETE's 2023 Distinguished Fellows Shri Ramesh Gorantala and Shri P S Sundaram

### BES EXPO 2023

The 27<sup>th</sup> International Conference & Exhibition of the **Broadcast Engineering Society (India)** took place on February 16–18, 2023, in Halls 7A, 7B, 7C, and 7E at Pragati Maidan in New Delhi. Large-scale exhibitors, delegates, and guests from all over the world were present. The Society was founded in 1987 with the mission of fostering the growth and sharing of radio, television, and other forms of media broadcasting expertise.

**Shri Sunil, ADG, Prasar Bharati, and Honorary Treasurer of the IETE, is the President of the Broadcast Engineering Society (India).** He generously provided IETE with a free booth, where our journals, books, and membership forms were displayed against a backdrop of creatively designed display banners. Distinguished dignitaries, including senior personnel from DoT, Prasar Bharti, Doordarshan, etc, visited the stall, where IETE staff from the publications and membership departments emphasised the organization's role in enhancing the lives of professionals by providing networking opportunities at the Annual events and symposia. **Prof (Dr) V Gunasekhar Reddy, President of IETE, along with senior IETE Fellows, visited our booth.**



BES Conference on "**Next-Gen Broadcasting: Create, Connect & Capitalise**" was comprised of the following sessions: UHDTV Production and Delivery; Digital Visual Radio; Remote, IP and Cloud Based Production; Spectrum Challenges for Broadcasting; and Future of Broadcasting in 5 G and converged broadband network Era. Content Strategy and Planning for Broadcast and OTT Platforms; Radio Broadcasting and Community Radio; Social Media-Content creation, delivery, and monetization; Content Regulations in the digital age; Block Chain Technology and Broadcasting. Additionally, Industry Presentation sessions were conducted each day.

## IETE's Participation in other Functions

❖ The IETE President, **Prof (Dr) V Gunasekhar Reddy**, attended the session on “**Engineering Education and Innovative Research- New Opportunities**” conducted on Nov 28, 2022 and sponsored by the IEEEVNRVJIET SB and the ECE Dept of the **VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad**. He was accompanied by Vice-President of IETE **Dr K Jayasankar**. This programme was held in association with SPS, MTT Chapters of IEEE Hyderabad Section, IETE and IEEE VNRVJIET MTT-S and SPS, ISF VNRVJIET.

❖ **Prof (Dr) V Gunasekhar Reddy**, President of the IETE, addressed delegates at the **IEEE MTT-S & AP-S Conference on Microwaves, Antennas and Propagation**, conducted in Bangalore from Dec 13-15, 2022. He spoke about the agreement that the two groups had made and how he hoped that they would continue to help each other out professionally by offering each other discounts and working together. This year, both sister societies chose to advance in order to realize their maximum potential. Furthermore, he highlighted the expansion of IETE journals on a worldwide stage.

❖ **Prof (Dr) V Gunasekhar Reddy**, President of IETE, inaugurated the ISF at the **School of Electronics Engineering (SENSE), VIT-AP University**, Andhra Pradesh, on Jan 21, 2023. The welcome speech was given by Dr M Sucharitha, Associate Professor at VIT-AP University. **Dr M Jagadish Chandra**, Registrar, VIT-AP University, made the inaugural comments. The guests of honor, **Dr B Rajasekhar**, Chairman of the IETE Vijayawada Centre, and **Dr M Kamaraju**, a former chairman of the Vijayawada Centre, gave speeches as well. Vice-Chancellor of VIT-AP University **Dr SV Kota Reddy** expressed his sincere gratitude for the initiatives made by the parties involved. The distribution of membership certificates was followed by a thank-you speech by Dr Umakanta Nanda.

❖ On Feb 7, 2023, the Dept of ECE at **St Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil, TN**, launched the IETE Students Forum (ISF) with 75 student members. **Dr V Gunasekhar Reddy**, President of IETE, and **Dr S Arumuga Perumal**, PAC-Chairman of IETE Nagercoil, were the Chief Guests at the event. **Rev Fr (Dr) M Maria William**, Correspondent, and **Dr J Maheswaran**, Principal of St Xavier's Catholic College of Engineering, Chunkankadai, were the Guests of Honour. **Dr M Marasaline Beno**, the institution's dean of research, was the special guest. The gathering was welcomed by ISF faculty coordinator **Dr L Femila**, and then Vice President **Dr Mohammad Roshan** briefed on the annual plans. The chief guests provided an introduction to the significance of professional societies. The correspondent gave the presidential address, and the Principal and Dean of Research presented the felicitation. The function concluded after the distribution of member certificates, a vote of thanks by the president, and the singing of the national anthem.



❖ The President of IETE, **Prof (Dr) V Gunasekhar Reddy** was the Chief Guest at **Pramana 2023, the Annual Festival of GITAM, Hyderabad** conducted at Shivaji auditorium, Rudraram, Patancheru, Hyderabad, from 15 to 17 Feb 2023. This event encompasses technological, administrative, and cultural activities. Sri DVVSR Varma, Resident Director of GITAM in Hyderabad, also graced the occasion.

❖ The “**Global Business Summit - the Spiritual Way 2023**” took place in Varanasi, India on Mar 5, 2023, with **IETE President Prof (Dr) V Gunasekhar Reddy** as the Guest of Honor. Prof Reddy has had a long association with the Amicability Diplomatic Club (ADC), which sponsored the Summit. During his speech, he mentioned that ADC and IETE are close to signing an agreement that will pave the way for the establishment of incubation centers for innovation and entrepreneurship in India, focusing on fields such as AI, data analytics, communications, and more.



❖ **Prof (Dr) V Gunasekhar Reddy**, President IETE and **Prof (Dr) K Jayasankar**, Dean (R&D), Methodist College of Engineering & Technology, Hyderabad & Vice President IETE, were Guests of Honour at the expert lecture presented by **Prof Shibhan K Koul**, Emeritus Professor, CARE, IIT New Delhi, on the subject of “**Medical Applications of Electromagnetic Waves**” on April 24, 2023.

## News from IETE Centres /Sub- Centres

### AHMEDABAD

The IETE Ahmedabad Centre marked the Centre's Foundation Day on Oct 16, 2022. Centre Chairman **Dr D J Shah** welcomed guests. **Gp Capt Sonpal Singh (Veteran)**, Secretary General IETE HQs attended the event. The Chairman explained the Centre's activities. It was informed that the IETE Ahmedabad Centre was founded in 1975 at LD College of Engineering. Prof O P N Calla, was President at the time, and Shri D S Kushwaha opened the current Centre on 2<sup>nd</sup> Oct 1990. IETE Ahmedabad has about 625 members. **Shri Nilesh Ranpura**, Dir, Engineering ASIC Division, eInfochips, An Arrow Electronics Company Ltd, presented "**Smart Transportation: An Industry Perspective from Semiconductors**" The speaker discussed smart transportation from an electronics perspective. He explained how the semiconductor business determines how semiconductors are employed in transportation, making them smart. The seminar was mostly about how the semiconductor industry is changing to meet these needs. Everyone participated, and Shri Nilesh Ranpura answered everyone's queries. Shri Nilesh Ranpura offered to assist the IETE Ahmedabad Centre and said he intended to work closely with IETE to boost academic standards in the state and increase enrolment in the electronics branch by educating people about industry demands. The secretary, **Shri R J Ajwaliya**, offered vote of thanks. **Shri VK Jain, Shri Sudhir Agarwal, Shri R M Makwana**, and more than 25 business and LEC members attended. The Secretary General spoke with the office holders and previous chairman following the occasion.



The IETE Ahmedabad Centre celebrated the **69<sup>th</sup> IETE Foundation Day** in the Ahmedabad Management Association Hall on the theme "**NEP 2020: A Paradigm Shift in Skill-Based Higher Education: Challenges and Opportunities**" on 13<sup>th</sup> Nov 2022. **Dr D J Shah**, Centre Chairman, described the Center's activities, the IETE Foundation Day, and the celebration's theme in his welcome address. He also read the message from IETE President Prof (Dr) V Gunasekhar Reddy. **Prof (Dr) N P Gajjar** introduced **Dr K S Dasgupta**, Dir, Dhirubhai Ambani Institute of Information and Communication Technology in Gandhinagar, as the chief guest and keynote speaker. Dr Dasgupta, a seasoned researcher and academician, meticulously described the various dimensions of skill-based higher education and opportunities in this field. His concern regarding the alignment of the current engineering curriculum with industry demands was audible. Every difficulty in the present is an opportunity for the future. An important takeaway was his point-by-point discussion on the implementation of NEP-2020 and how

IETE can satisfy the demand for skill-based education by engaging its members on a broader scale. In addition, he suggested that Dr D J Shah examine the matter and communicate back to him in six months with suggestions for implementing and initiating the change. All attendees' participation rendered the session interactive. Dr D J Shah presented a memento to Shri K S Dasgupta. **Shri Satyendra M Bhandari (F-116194)** was honoured; current office bearers and Executive Committee members honoured local **Executive Committee members of 2018-20**. The Hony Secretary of IETE Ahmedabad, Shri R J Ajwaliya, offered a vote of thanks. Former IETE Ahmedabad Chairmen Shri R C Garg, Shri J V Dave, and Shri Sudhir Aggarwal graced the occasion with their presence.

### AURANGABAD

IETE Aurangabad Centre celebrated the **69<sup>th</sup> IETE Foundation day** on 25<sup>th</sup> Feb 2023 by organizing the online guest lecture on **National Education Policy-2020 (NEP)**. **Prof (Dr) V Gunasekhar Reddy**, President, IETE was the chief guest. President highlighted collaboration with National Institute of Electronics and Information Technology (NIELIT) to run new-generation courses like Cyber Security & Block Chain Technology in the IETE Centers. **Prof Ratnadeep R Deshmukh**, West Zonal Mentor; **Dr Prashant Nair**, Assoc Professor and Head, IQAC, Amrita Vishwa Vidyapeetham, Coimbatore, AP; **Dr YA Kawade**, Founder, IETE Aurangabad Centre and Mentor, MIT, Aurangabad (MS); **Prof Ulhas Shinde**, Chairman, IETE Aurangabad Centre; **Dr Namrata Mahender**, Hon Secretary, Aurangabad Centre; **Dr Devendra Bhuyar**, Hony Treasurer, Aurangabad Centre and **Shri Shushil Samavtsar**, Past Industry Member & Resource Person, graced the occasion. Delivering expert talk on NEP, **Dr Prashant Nair** focused on curriculum framework implementation aligned with NEP-2020 and Academic Bank of Credits (ABC). He discussed the structure of courses in the new NEP-2020, facilitating multiple entry and departure options with a UG certificate, UG diploma, or degree based on the number of earned credits, and minimum credit requirements for each degree classification. The IETE members and participants then had a question-and-answer session to clear up any questions they had.

### BENGALURU

Institution's Innovation Council (IIC) - SaIT & Department of Electronics and Communication Engineering in Association with Student Chapters of SaIT, IETE, IEEE, ISTE & EWB conducted an '**Intra-collegiate Innovative Idea Contest-2022**' on 21<sup>st</sup> Dec 2022. **Prof S Sowndeswary** was the program coordinator. **Dr CV Ravishankar** presided over the event.

On 21<sup>st</sup> Dec, 2022 the Dept of ECE of Sri Venkateswara College of Engineering (SVCE) conducted one day seminar on "**Financial Awareness Programme on Banking towards Digital India**" in association with IETE Bengaluru Centre. **Prof Prakasha**, Registrar of the SVCE, introduced the Chief Guest and proposed the opening remarks. **Dr Nageswara Gupta M**, Principal, delivered the presidential remarks, and **Dr Jijesh J J**, HoD ECE, provided an overview of the programme. **Prof Prakasha G** and the ECE faculty organising team effectively executed



this event. SVCE Management thanked IETE, Bengaluru for sponsoring this event on a technical level. The ECE Dept of SVCE hosted a Faculty Develop Programme (FDP) on **Next Generation Wireless Networks for Autonomous Intelligent Communications** from 26<sup>th</sup> - 30<sup>th</sup> Dec 2022. **Dr M H Kori**, a member of the Governing Council, inaugurated the FDP and gave the inaugural address. **Dr Y V S Lakshmi** was the honoured guest, and she participated in one FDP Programme session.



### BURDWAN

- On 12<sup>th</sup> Dec 2022, the IETE Burdwan Sub-Centre and Department of Physics at The University of Burdwan, hosted a webinar titled **“Sparse Representation: A Significant Technique of Data Processing and Applications”** presented by **Assoc Prof Mrinal Kanti Mandal** of NIT Durgapur. 52 participants, including college/university students, researchers, faculty, professors, and scientists, attended the seminar.

- On 24<sup>th</sup> Dec 2022, in the Department of Physics, The University of Burdwan, the IETE Burdwan Sub Centre organised a session on **“Mini Computers and Integrating Different Sensors to it”** as part of a series of lectures. The speaker for this session was **Dr Debarata Biswas** of the Physics Department of Bankura University. All of the attendees, which included students, teachers, MTech students, research scholars, and professors, were warmly welcomed by **Dr Anindya Bose**, Chairman of IETE Burdwan.

### CHANDIGARH

IETE Chandigarh Centre in collaboration with ISF at Chandigarh Group of College, Jhanjeri, Mohali, Punjab, celebrated the **IETE Students’ Day** and **World Radio Day** on 15<sup>th</sup> Feb 2023. On this occasion, a seminar entitled **“Recent Advancements in Wireless Technologies”** was held for the students’ advantage. **Shri Kapil Bhutani**, Technical Director, Telcocrats Technologies; **Shri Subhash C Jain**, Immdt Past Chairman; **Dr Piyush Awasthi**, Centre Hony Treasurer, were welcomed by **Dr Ashwani Kumar**, Dir of Applied Science at CEC Jhanjeri. The Dir of ECE Jhanjeri thanked the IETE Chandigarh Centre staff for volunteering their time for this occasion. **Shri Subhash C Jain** read the message received from the President of IETE, regarding the celebration of Students Day. **Shri Kapil Bhutani**, presented his talk on **“Recent Advancements in Wireless Technologies.”** He elaborated on the evolution of wireless networks, the modern implications of 5G networks, and the significance of 5G in the future years. Students participated in a powerpoint competition on **“Startup Ideas and Innovative Technical Ideas.”** 12 teams from the ECE Department participated in the competition with zeal and vigour. **Shri Subhash C Jain**, **Shri Kapil Bhutani**, **Dr Sajjan Singh**, HoD ECE,

and **Dr Sarabpreet Kaur**, Senior Professor ECE, comprised the judging panel. Each group presented on a unique topic, such as **Robotic Process Automation**, **Function-o-Pedia**, and **Attendance Gateway**, etc. Each presentation was innovative and educational. After reviewing all of the presentations, the panel of judges announced the winners of the contest. There were lucrative monetary awards for first, second, and third place. The winners were **Rishabh and Arshad**, followed by first runner ups – **Piyush Raj and Shweta**, second runner ups – **Dhruv and Raj Kumar**, third runner ups- **Jasmeen and Shipra**. More than 100 ISF students and faculty from Chandigarh Group of College, Jhanjeri, participated in the event. **Dr Sajjan Singh** concluded the session by expressing gratitude to the IETE Chandigarh Centre staff for providing the students with such a golden opportunity.



### CHENNAI

IETE Chennai Centre organized following activities:

- The Centre under the **Maj Gen Balasubramaniam Endowment Lecture Series – II on 5G and Beyond: Technologies, Applications, and Challenges**, organized a number of presentations. On 8<sup>th</sup> Oct 2022 it was by **Shri J Santhanakrishnan**, Principal, Retd, RGMTC, Chennai, and **Shri A Sadagopan**, Assistant General Manager (Retd) on **Evolution of Mobile Communication - 2G to 5G and Wireless Spectrum Concepts in 5G**. On 11<sup>th</sup> Nov 2022, the presentation was on the topic **5G Technologies: Challenges, Opportunities & Future Networks**, again made by **Shri J Santhanakrishnan**, and **Shri A Sadagopan**. Further, **Dr Santhanakrishnan**, Retired Principal, RGMTC, also addressed on the topic **Architecture Evolution in 5G Networks, Cognition-Inspired 5G Cellular Networks: A Review and Road Ahead** on 27<sup>th</sup> Jan 2023 and on **Research Opportunities and Role of Machine Learning in 6G Mobile Communication** on 25<sup>th</sup> Feb 2023 along with **Shri A Sadagopan**, AGM (Retd).

- On 16<sup>th</sup> Oct 2022, **Dr K Aswin Seshadri**, DGM, Motherson Technology Service Ltd, and Academia experts organised a **hands-on Python workshop**. It was also repeated on 19<sup>th</sup> & 21<sup>st</sup> Nov 2022.

- A technical paper competition on **Recent Trends in ‘Electrical, Information Technology, Electronics & Communication, and Computers’** was held on 4<sup>th</sup> - 5<sup>th</sup> Nov 2022.

- A technical symposium, **ELITECOMM 2022**, was held on 4<sup>th</sup>-5<sup>th</sup> Nov 2022. Over seventy participants from over twenty-five colleges of engineering presented their technical papers in eight tracks. Each track was chaired by eminent senior academicians who evaluated the technical papers and pronounced the Best Paper Award for each track

based on technology, clarity, content, results, and presentation abilities / communication skill. The Hony Treasurer, **Shri N Sridharan**, proposed vote of thanks.

- On 8<sup>th</sup> Dec 2022, **Dr Vaibhava Hendre**, Dy Dir and Professor of Electronics and Telecommunication Engineering from the G H Raison College of Engineering and Management in Pune, presented a webinar titled **Machine Learning in Wireless Communication: 5G and Beyond**.

- On 16<sup>th</sup> Dec 2022, **Shri S Prabakaran**, founder of Vaiyagam Techno Solutions in Chennai, initiated a Webinar Series titled **Open Source – Engineer to Entrepreneur**.

- On 19<sup>th</sup> Dec 2022, IETE Chennai Centre and Pantech E-Learning, Chennai organised the **‘IETE Internship Programme 2022’**, a project-driven Internship programme aimed at guiding young people in professional career planning by reinforcing academic knowledge with practical applications. It was a programme for roughly a month. Technical Domains included **Internship on Data Science & Analytics Learn Practice and Implement Data Science Concepts from Basics; Python-Libraries, ML/DL Algorithms, Deep Learning, Data Analytics - Dashboards & NLP**. The project-based Internship programme for **Embedded System** was initiated on 15<sup>th</sup> Feb 2023, with the goal of enhancing academic knowledge with practical applications.

- On 7<sup>th</sup> Feb 2023, **Dr Mohamed Adil AA**, CEO of the Ganesan Incubation & Entrepreneurship Centre, hosted a webinar titled **Entrepreneurship Journey for Students to Convert their Ideas into Businesses**.

- On 27<sup>th</sup> Feb 2023, **Shri J Santhanan Krishan**, (Retd) DGM, BSNL, Chennai, presided as Chief Guest at the festivities commemorating **Students’ & Science Day**. **Dr V Thulasi Bai**, Centre Chairperson, welcomed everyone and gave a rundown of all the events and activities that had been planned for the Students’ Day Celebration. **Dr D Vijendra Babu**, Centre Hony Secretary, read the President’s Message, in which he thanked everyone for coming and encouraged them to spread the word about the 25% membership price discount that is available through Mar 31, 2023. There was a MOU signed between the IETE Chennai Centre and the Chennai-based Motherson Technology Service Ltd. Best in performance awards were also presented at the occasion. **Sri Sairam Engineering College and RMK Engineering College** won the 2021-22 **Best IETE Students Forum (ISF) Awards** for having the most IETE student members on campus. The three institutions **with the most IETE corporate members** were honoured: **SRM Valliammai Engineering College, Sri Venkateswara College of Engineering, and Sri Sairam Institute of Technology**. Awards were given to **Panimalar and Jeppiaar Institutes of Technology** for holding the most technical events.



## COIMBATORE

- IETE Coimbatore Centre held a hands-on workshop on **“Network Simulation using GNS3”** on 27<sup>th</sup> Dec 2022 at Amrita School of Computing, Amrita Vishwa Vidyapeetham. GNS3 is used by hundreds of thousands of network engineers around the globe to emulate, configure, test, and troubleshoot virtual and actual networks. GNS3 enables to run small topologies consisting of a few devices on the laptop, as well as large topologies consisting of numerous devices hosted on multiple servers or even in the cloud. GNS3 is free, opensource software. By joining the GNS3 community; one joins students, network engineers, architects, and others who have downloaded the software over 10 million times to date. GNS3 is utilised by businesses worldwide, including Fortune 500 companies. **Er K Vijay Anand** from Learning Labs Online was the resource person. **Dr V Ananthanarayanan** organized the event. Around 420 students of Amrita School of Engineering and Amrita School of Computing attended this workshop and got hands-on training in making use of GNS3 for network simulation.



- IETE Coimbatore Centre is in the process of establishing ISFs at various engineering colleges in and around Coimbatore and will facilitate interaction with Industry besides and collaborative projects with MSMEs.

## DELHI

- IETE Delhi Centre in collaboration with Swanirman Sunirmit Publications of Research organized a webinar on **“Technologies and Network – A Humanistic Perspective”** on 19<sup>th</sup> Nov 2022. Almost 75 participants attended the webinar. The Executive Committee members of the Centre, staff members, IETE students, SSPR members and IGNOU students were present. Later, it hosted a webinar titled **“Key Track: Modern Technologies and Satellite Navigation”** on 15<sup>th</sup> Jan 2023.

- The Centre also **conducted various exams**, viz. NIELIT ‘CCC’ online examinations from 13<sup>th</sup> to 18<sup>th</sup> Dec 2022; and later from 10<sup>th</sup> to 13<sup>th</sup> Jan 2023; NIELIT 39<sup>th</sup> Practical Examinations were held from 06<sup>th</sup> to 17<sup>th</sup> Feb 2023; NIELIT ‘CCC’ online examination again from 19<sup>th</sup> to 20<sup>th</sup> Feb 2023; NIELIT LDCE Examination for SO & PS from 28<sup>th</sup> Feb 2023 to 2<sup>nd</sup> Mar 2023 and NIELIT ‘CCC’ online examinations from 26<sup>th</sup> to 28<sup>th</sup> Mar 2023. IGNOU examinations were carried out at the IETE Delhi Centre between 2<sup>nd</sup> Dec 2022 and 9<sup>th</sup> Jan 2023. The DRDO online examination was administered on 12<sup>th</sup> & 15<sup>th</sup> Nov 2022. IETE Delhi Centre successfully conducted the IGNOU Pen & Paper and CBT Online Mode June 2022 examination as well.

- One-day **Art Workshop** was conducted for kids in collaboration with Spiritual Fine Art Academy on 12<sup>th</sup> Mar 2023. Approximately 20 students enrolled for the workshop.

## GULBARGA

Seventy people showed up to hear an expert speak on “Recent Trends in Electrical Engineering” at Guru Nanak Dev Engineering College in Bidar on 28<sup>th</sup> Sept 2022.

## HYDERABAD

IETE Hyderabad Centre organized following activities:

- The **11<sup>th</sup> Prof Alladi Prabhakar Memorial Lecture** was held on 11<sup>th</sup> Dec 2022. **Dr Shatrughna Prasad Yadav**, Prof and HoD ECE Dept at the Guru Nanak Institute of Technology in Ibrahimpatnam, Hyderabad, delivered an informative lecture titled “**The Road to 6G: Investigations on New Types of Transmission Waveforms.**” During the same occasion, the recipient of the **IETE-Smt Triveni Devi Gupta Memorial Award-2022**, **Ms Lakshmi** of the Defence Electronic & Research Laboratory, DRDO, Hyderabad, gave a presentation on her awarded work. **Er Nuli Namassivaya**, Chairman of the Centre, **Sri Ashwani Kumar Sangamkar**, Hony Secretary, **Dr A V Krishna Prasad**, Chairman of the TPP Sub-Committee, and **Dr N Srinivas Rao**, Hony Treasurer, were also present.

- Under Knowledge-Sharing Sessions (KSS), the Centre organized a number of online webinars. On 8<sup>th</sup> Jan 2023, KSS No 86, Webinar 118, was organized by **Dr Manisha Guduri**, Assoc Prof & Dean R&D, KG Reddy College of Engineering & Technology, Hyderabad, who spoke on **MEP for Designing Circuits in Deep Sub-threshold Region**. KSS No 87, Webinar 119 was on the topic ‘**Block Chain Technology and Applications**’ by **Shri Mallellu Sai Prashanth**, Block Chain Developer at Tech Mahindra, Hyderabad, on 22<sup>nd</sup> Jan 2023. In KSS No 88, Webinar 120, **Dr N Suresh Prof & Head**, ECE, AVN Institute of Engg & Tech spoke on ‘**Career Guidance**’ on 29<sup>th</sup> Jan 2023. **Wireless Communication in Biomedical Engineering** was the topic for KSS 89, Webinar 121 taken up by the speaker **Shri T Rubesh Kumar**, Asst Professor Biomedical Department, Rajalakshmi Engineering College, Chennai on 12<sup>th</sup> Feb 2023. **Shri D Praveen Kumar**, Scientist-E, DRDO, delivered an online talk on **Successful Journey of Indian Missile Development**, as part of Knowledge-Sharing session -90 & Webinar 122 on 19<sup>th</sup> Feb 2023. Next IETE Hyderabad Centre conducted KSS No 91, Webinar -123 on 26<sup>th</sup> Feb 2023, wherein **Dr B Vandana**, Assoc Prof, KG Reddy College of Engineering & Technology, Hyderabad spoke on **Reverting Innovation Eco-System in India through Entrepreneurship**. 30 Participants attended. **Dr S Suryanarayana**, Prof & Head, ECE Dept, Maturi Venkata Subba Rao Engineering College, Nadargul spoke on **Introduction and Fundamentals of Artificial Neural Networks** as part of Knowledge Sharing session-92, Webinar 124 held on 19<sup>th</sup> Mar 2023 in online mode. 100 persons attended.

- The Centre organized a four-day workshop in two levels on “**Intelligent Automation Through Machine Learning**” by **Mulla Zaheer Ahamed** on 11<sup>th</sup> & 12<sup>th</sup> Feb and 18<sup>th</sup> & 19<sup>th</sup> Feb 2023, respectively.

- Republic Day celebrations** were conducted at the IETE Hyderabad Centre on 26<sup>th</sup> Jan 2023.

- IETE Students Day** celebrations took place on 5<sup>th</sup> Feb, 2023. **Dr Nukala Srinivas Rao**, HoD of Matrusri Engineering College and Hony Treasurer, IETE Hyderabad Centre, extended a warm welcome to the attendees. The message of IETE President Dr Gunasekhar Reddy was

read out. **Shri A Sangamkar**, Centre Chairman, shared his thoughts via his address. **Dr V Rama Rao**, former CEO of SAPNET and Executive Committee member of IETE in Hyderabad, urged the students to place a greater emphasis on acquiring practical skills. **Dr Venkata Ramana**, HoD, Govt Polytechnic, Medchal, and IS Coordinator, stated that Saturdays are devoted to skill development activities at their institution. In addition, an Engineering Expo was conducted where students displayed prototypes of the projects and devices they had designed. Best Project awards were given to Sri Indu College of Engineering and Technology for Face Recognition system using deep learning and Warfield Spying Robot with night vision wireless camera projects in the Polytechnic stream, as well as the Brainy Bottle project in the BTech stream. A quiz competition was also held, and the winners were- B S Poojitha of Govt Polytechnic College (1<sup>st</sup> Prize), G Karthik and K Vinay Reddy of Govt Polytechnic College and MGIT, (2<sup>nd</sup> Prize). K Sai Shrujan of Sri Indu College of Engineering and College stated that participating in the Students’ Day and activities was a very entertaining and educational experience.

- On 25<sup>th</sup> and 26<sup>th</sup> Feb, 2023, the Centre hosted a two-day workshop titled ‘**Blockchain Technology Applications and Hands-on Training**’ led by **Shri Sai Prashanth Mallellu**, Blockchain Developer at Tech Mahindra.

- Shri K Murali Krishna**, ITS, Dir (Security), Department of Telecom, Hyderabad, was the Chief Guest at the **National Science Day 2023** celebrations held by the Hyderabad Centre on 5<sup>th</sup> Mar 2023. Speaking on “**Cyber Safety and Security measures,**” he focused on Cyber forgeries, their mode of operation, the mechanism for reporting fraud, and preventative measures. During this event, the IETE Hyderabad Centre felicitated a number of webinar speakers. Thereafter, Er B Brahma Reddy, FIE, FIETE, IEI Council Member & Chairman, IEI, Telangana State delivered **Prof Ganti Subrahmanyam 6<sup>th</sup> Memorial Lecture on 5G and Future Networks.**



- International Women’s Day** Celebrations was held on 11<sup>th</sup> Mar 2023, where, Chief Guest **Smt Mangala Mani Nalli**, Engineer/Scientist–(Retd) NRSC/ISRO, Balanagar, Hyderabad and Guest of Honour, **Dr J Swathi** MBBS, MD, OBG, Asst Professor spoke on **Women’s Role in the Advancements of Science and Technology**. A medical camp was also organized by CMR Hospital, Medchal. For both the events, ExeCom Members, Distinguished Scientists, Former chairmen, GC members, Co-opted members, Special invitees, Distinguished members, professors, faculty, students attended.

- 21<sup>st</sup> Shri U V Warlu Memorial Lecture on Anatomy of Magnetic Resonance Imaging Scanner** was conducted by **Dr Ponnada Narayana**, Professor Emeritus, Department of Diagnostic and Interventional

Imaging, University of Texas Health Science Center, Houston, USA on 26<sup>th</sup> Mar, 2023.



## INDORE

IETE Sub-Centre Indore and the Electrical & Electronics Engineering Department of Oriental University, Indore, observed **IETE Students' Day** with a **"Robo Race Competition"** on 21<sup>st</sup> Feb 2023. The purpose of the event was to increase student awareness and interest in robotics in order to improve their career prospects. Former Chairperson **Dr Dhruva Ghai** delivered the message from the president IETE that was meant for the day. During the event, **Dr Dolly Thankachan**, **Ms Bhavini Kumawat**, **Dr Hemant Patidar**, the Hony Treasurer, and the entire faculty were present. **Dr Vikas Tiwari** judged all the robots and declared the winner to be the one that completed the task in the shortest amount of time. **Dr Garima Ghai**, Chairman of the IETE Sub-Centre in Indore, praised the students' efforts and congratulated the event's winners and participants. **Dr Hemant Patidar**, Hony Treasurer of the IETE Sub-Centre in Indore, also extended congratulations to all attendees. **Ms Bhavini Kumawat**, a member of the Executive Committee, briefed all students on IETE and encouraged them to participate and join. The event's winners received certificates and cash prizes. Several institutes, including SGSITS, SVVV, and others, participated in this event.



## JAIPUR

IETE Jaipur Centre hosted **"IETE Students' Day Celebration - 2023"** on 27<sup>th</sup> Mar 2023 at IETE Bhawan, Rajasthan, Jaipur. During the event, a **project competition** was held. A project from the Birla Institute of Scientific Research in Jaipur was also presented in order to keep students apprised of the latest developments in bioinformatics. Children and staff from the orphanage Samarpan Sansthan were also invited. Dignitaries from IETE were present. The purpose of celebrating the students' day was to commemorate the day with all ISF members of the state, as well as to encourage scientific temperament and boost the morale of ISF

members of society. Students from various ISF chapters participated in a contest consisting of an exhibition of their projects. Numerous students (19 teams and 67 ISF members) from ISF chapters at BIT, Mesra, Jaipur Campus, Banasthali Vidhyapeeth, SKIT, Poornima College, Anand College, Manipal University, UEM College, and Arya College presented their knowledge on the theme. **Dr Dipti Saxsena**, MNIT, Jaipur; **Dr Praveen Kumar Jain**, SKIT; and **Shri Satayan Vijayvargiya**, Genus Power Infra. Ltd., Jaipur were invited as judges. This competition was won by the BIT Mesra, Jaipur campus team, while the SKIT team placed second and the Arya Engineering college team placed third. The ceremony began with the welcome of the Chief Guest, **Dr P K Khanna**, Chief Scientist (Retd), CEERI Pilani, as well as the children of Samarpan and other distinguished guests. On the occasion of IETE Students' Day, **Dr Monika Mathur**, Hony Secretary, IETE Jaipur Centre, greeted the distinguished guests. It was then followed by the presentation and demonstration of the BISR project on bioinformatics. The dignitaries and judges then toured the displayed projects. Senior IETE members, the children and personnel of Samarpan Sansthan, and a volunteer were also honoured in accordance with celebration customs. **Dr P K Khanna**, the Chief Guest and **Prof Ghanshyam Singh**, Chairman IETE Jaipur Center, awarded the winning teams with prizes and certificates of recognition. All participants received a certificate of participation. In addition, each participant received a T-shirt. The senior Fellow members of IETE, **Shri Satish Bhatnagar** and **Prof Ghanshyam Singh**, presented the judges with tokens of appreciation. Each ISF team's performance was commendable. At the conclusion, **Snehanshu Shekhar**, Hony Treasurer of the IETE Jaipur Centre, thanked the audience for coming together to celebrate this significant day. The event concluded with the distribution of mementos to all of the day's dignitaries.



## JAMMU

- The Executive Committee members meeting of IETE, Jammu Sub Centre (JSC) was held on 25<sup>th</sup> Mar 2023. Various issues pertaining to IETE events and offline event organization were discussed and resolved. **Shri Joy Ganjoo**, Sub-Centre Chairman; **Er Vijay Sharma**, Hony Secretary; **Dr Romillamalla Bhat**, Vice Chairman, IETE, JSC; **Maj Gen S K Sharma (Retd)**; **Prof Pawnesh Abrol** and **Prof Sumeet Gupta**, EC both members JSC were present at the meeting. **Shri Vijay Sharma**, Hony Secy, delivered the welcome remarks. Prof Parveen Lahana, HoD, Dept of Electronics, University of Jammu, thanked all on behalf of JSC for collaborating with the Sub-Centre and providing the infrastructure for the Students' Day celebration. He said that despite lack of funds, the IETE JSC conducts periodic activities with the members' wholehearted cooperation and unwavering commitment. It was decided that in the month of May 2023, the Sub-Centre will observe the World

Telecommunication and Information Society Day alongside a one-day technical workshop in Srinagar. **Maj Gen S K Sharma (Retd)** took the initiative to coordinate with **Prof AH Moon**, Dean, School of Engineering and Technology, the Islamic University of Awantipura, Srinagar. **Prof Pawnesh Abrol**, HoD, CS&IT, University of Jammu, also extended his support and offered the second option for the celebration of WTISD in his department. In addition, it was decided that the IETE, JSC may plan technical programs/events in the immediate future. **Dr Romilla Mall Bhat** elaborated on her plan to implement skill-based/job-oriented programs for students. It was also deliberated to derive membership and establish ISF chapters in various institutions. In the near future, **Dr Radhika Khanna**, Hony Treasurer, also proposed holding a one-day technical workshop at the GGM Science College in Jammu. Additionally, it was resolved that the meeting should be held in the center at least every two months in order to outline future activities and make appropriate plans. Every member expressed interest in organizing the technical events/workshops, which are periodically organized by JSC. In light of the commitments of EC members, it was decided that future technical activities may be planned in online/hybrid/offline mode, depending on the circumstance.

- The **office bearers met** on the 3<sup>rd</sup>, 13<sup>th</sup> and 20<sup>th</sup> of Feb 2023, respectively, to discuss and address the various day-to-day activities and upcoming events of the Jammu Sub Centre of IETE.



- **IETE Students' Day** was commemorated in collaboration with the Electronics Dept of the University of Jammu on 28<sup>th</sup> Feb 2023. **Sh Joy Ganjoo**, Chairman of IETE, JSC, welcomed the attendees and explained the significance of IETE Students' Day. He stated that IETE was founded in Nov 1953 and currently has over 63 centres and sub-centres throughout the nation. JSC has been a dynamic and active Sub-Center of IETE. He also spoke to the present students and scientific community about engineering innovation. He stated that engineering innovation is "something new" that propels the technology sector forward and that engineering innovation enables the scientific community to spread its wings throughout the technological world and create a resilient world. **Er Vijay Sharma**, Hony Secretary, IETE JSC, read the President's message on the occasion. He emphasized that students are the society's pillar, backbone, and future. By contributing to new innovations and research, students contribute significantly to the advancement and growth of society. Immdt Past Chairman **Prof Pawnesh Abrol**, HoD, CS& IT, University of Jammu, in his address discussed about IETE's crucial role in molding students. He elaborated on the courses and seminars offered at the University of Jammu to prepare students for employment. **Prof Praveen Lahana**, elucidated on the significance and value of the Hindu calendar. It is a scientific marvel that he accurately explained the

Purana theories behind its creation and how it operates. The audience appreciated the presentation. In his address, past Chairman **Prof Rakesh Vaid**, FIETE, discussed how to attain goals and be motivated to excel in the technological field. He elaborated and explained that the student should be dedicated and goal-oriented. **Maj Gen SK Sharma, (Retd)**, FIETE and Principal MIET, Jammu discussed how IETE membership has assisted many students in obtaining high-paying employment in the technology sector and also provided the event's concluding remarks. The program concluded with an exam and the distribution of prizes among the students. The vote of thanks was given by Dr Radhika Khanna, Hony Treasurer. Others who attended the student's day celebration included Prof Rockey Gupta, Er Tiny Sawhney, faculty members, research scholars and students.



## KANPUR

- IETE Kanpur Centre, in collaboration with Dept of CSE, Harcourt Butler Technical University Kanpur, IEEE, UP Section, and PSIT, Kanpur, organized a 3-day symposium on "**Women Empowerment in Science and Technology**" from 6<sup>th</sup> to 8<sup>th</sup> Jan 2023. The workshop was attended by 220 individuals, including corporate members, undergraduate and graduate students, and research scholars. It was inaugurated by Hon'ble Vice Chancellor, **Prof Samsher**, HBTU. **Prof Narendra Kohli**, Chairman of the IETE Kanpur Centre, delivered the welcome address. Prof Samsher discussed the empowerment of women in various fields of science and technology. **Prof Nandini Gupta** discussed social and familial obligations and coping strategies, while **Dr Gunjan**, Asst Prof at JSS Noida, discussed dc invention and transformers. The knowledge of resource persons enlightened graduate students and researchers. At the conclusion of the **first day** of the workshop, **Dr Aparna Dixit** proposed a vote of gratitude to all dignitaries. She expressed gratitude in particular to the Hon'ble Vice Chancellor of HBTU and all resource persons, Professors S N Singh, J Ramkumar, Narendra Kohli, and Satish Singh.

**Prof Narendra Kohli** introduced **Prof S N Singh**, Dir of ABV-IITM, as the Chief Guest on the **second day**. **Prof J Ramkumar** extended a warm greeting to all the attendees. In comparison to science, women's contributions to engineering are minimal, according to the Chief Guest. Women's emancipation is crucial for society's balanced development. **Prof Prerna Gour**, Dir, NSUT, discussed optimization, adding effect, and dynamic moving cloud for maximizing solar cell power at this occasion. **Dr Urbi Chatterji**, Asstt Prof at IIT Kanpur, described succinctly how hardware security relates to women's safety. She also discussed pseudo key board and side channel attack. Shri Prashant Kumar delivered the vote of gratitude at the conclusion of the session. On the **third day**, **Prof Narendra Kohli**, Centre Chairman, the chief guest was introduced by

**Prof Satish Kumar Singh**, Chairman of the IEEE Uttar Pradesh Section. **Prof J Ramkumar** extended a warm greeting to all the attendees. In addition to stating that women's empowerment is impossible due to traditional attitudes, the Chief Guest listed numerous women who have achieved success in their respective disciplines. **Prof Ramlatha**, Director of IFSD, stated that without education, women's empowerment is impossible and they cannot obtain knowledge of government-provided services. **Dr YVS Lakshmi**, Head, C-BUDHI, C-DoT, provided a concise summary of 5G technology advancements and research. She also stated that the ultimate truth is imagination. **Dr Aparna Dixit** offered a vote of thanks at the conclusion of the session.

- The IETE Kanpur Centre, in conjunction with the CSE Dept of Harcourt Butler Technical University, Kanpur, observed **IETE Students' Day** on 3<sup>rd</sup> Feb 2023. **Prof Narendra Kohli**, Centre Chairman, welcomed the Chief Guest, **Prof Samsher**, Honorable Vice Chancellor of HBTU, Kanpur, and participants. **Dr SVAR Sastry** introduced the guest speaker, while the Hony Treasurer, **Prof J Ramkumar**, read the President's message for Students' Day. **Prof Samsher**, the chief guest, congratulated all the participants and organizers on a fantastic webinar that will be extremely beneficial for future research in the field of engineering and technology. **Dr A Muralidhara**, the guest speaker, discussed the capabilities, features, and applications of JMP. Er Prashant Kumar, Hony Secretary, proposed the vote of thanks. Participants included HBTU, Kanpur, and IETE, Kanpur Centre members.

- "**International Women's Day-2023**" was celebrated by the Centre in conjunction with the Dept of CSE at Harcourt Butler Technical University, Kanpur and the MedTech Group at the Indian Institute of Technology, Kanpur on 17<sup>th</sup> Mar 2023. The Centre Chairman **Prof Narendra Kohli**, extended a warm welcome to the Guest Speaker and everyone in attendance. Professor and Head of Physics at DBS College, Kanpur, **Dr Pragya Agarwal** welcomed the Speaker. According to **Dr Rashi Agarwal**, despite some recent advances, there is still a long way to go until gender equality is fully realized. Technology and innovation can help bring about gender parity in the workplace. The use of innovation and technology can pave the way for better opportunities for women and help advance their rights. Accessible, inexpensive, and long-lasting new solutions can be provided via innovation, which in turn can help break down barriers to gender equality. It can promote varied representation and inclusive design, both of which are helpful in combating racism and sexism. In order to advance gender equality and the empowerment of women, technology may play a key role. It can help people get to the resources they need, such information, education, and healthcare, even if they live in a rural or underserved location. This can open doors for women in the workplace, in business, in politics, and in civic life. The closing remarks were presented by Dr Anita Yadav, Prof Dept of CSE. Roughly thirty students and faculty from HBTU, Kanpur, as well as members of IETE's Kanpur Centre, took part.

## KOCHI

- IETE Kochi Centre hosted a webinar titled "**Top Mobile Issues and Development Strategies in Mobile Platforms**," presented by **Dr P N Nourin, TA** at KMEA Engineering College, on 16<sup>th</sup> Feb 2023. Physical Security, Secure Data Storage (on Disc), Strong Authentication with Poor Keyboards, Multiple-User Support with Security, Safe Browsing Environment, Secure Operating Systems, Application Isolation, Virus, Worms, Trojans, Spyware, and Malware are among the topics covered

in the webinar. The programme provided an overview of various safety measures for safeguarding mobile devices from the aforementioned threats.

- On 20<sup>th</sup> Feb 2023, a **hands-on workshop** titled "**Antenna Design Tools**" was held. The Chief Guest at the event was **Dr Smitha K M**, Dean of Research at the KMEA Engineering College in Kochi. The objective of the workshop was to introduce the most up-to-date Antenna design tools, such as the Computer Simulation Technology (CST) tool, Matlab, and Python and their significance and advantages. The students received a foundation for understanding antenna development and acquired practical experience. **Dr Rekha Lakshmanan**, Vice-Principal of KMEA, was an additional significant guest at the session.



- On 3<sup>rd</sup> Mar 2023, the IETE Kochi Centre celebrated **IETE Students' Day**. ISF of the SCMS School of Engineering & Technology, Karukutty, hosted the event. In conjunction with the festivities, two competitions were held, namely **Quiz** and **Who Am I ?** The winners of the quiz competition were awarded a cash incentive of Rs 1000/- for first place and Rs 500/- for second place. Winners of the WHO AM I ? competition were awarded a cash prize of Rs 1,000/-. The event began with a prayer by ISF member Ms Gopika. **Ms Vrinda V Gopal T**, coordinator of the ISF for SSET, delivered the welcome address. **Sri MN Narayanan**, Chairman of the IETE Kochi Centre, participated in the ceremony online and read the message sent by the IETE President. The Chairman inspired the students to participate in and advance the ISF's activities. Ms Akshaya Ajaykumar, Secretary of the ISF SSET, delivered the vote of thanks.

- A technical talk on "**Research Trends in Micro Electronics**" was organized on 24<sup>th</sup> Mar 2023 and delivered by **Dr B Prameela**, Senior Staff Engineer, Silizium Circuits Pvt Ltd, FabCI, IIT Hyderabad, the Chief Guest. It aimed at introducing research trends in Microelectronics, which is rapidly evolving as the most in-demand field of electronics because of the ever-increasing demand for inexpensive and lightweight equipment.

## KOZHIKODE

- IETE Kozhikode Sub-Centre conducted **two ECMs** on 2<sup>nd</sup> Nov and 28<sup>th</sup> Dec, 2022, respectively.

- It organised a technical presentation titled "**The Coming Drone Age - Opportunities, Challenges, and Risks**" on 3<sup>rd</sup> Nov 2022 and a **Robotics Workshop** on 9<sup>th</sup> Nov 2022.

- A development programme on **Machine Learning and Cybersecurity** was organized by IETE Kozhikode Sub-Centre in association with IEEE Kerala Section Educational Activities from 2<sup>nd</sup> – 4<sup>th</sup> Feb 2023. The programme was inaugurated by **Dr Sabiq P V**, Chairman, IETE Kozhikode Sub-Centre. **Shri Hemand E P**, Vice Chairman, delivered the welcome address. **Dr Anuraj Mohan**, Asstt Prof, Dept of CSE, NSS College of Engineering, Palakkad, presided over the first day. The subject of his presentation was **Machine Learning Algorithms: Theory and Practise**. **Shri Niyas N**, Technical project manager, IoCod Infotech Pvt Ltd, Cyber Park, Kozhikode, presided over



the second day and gave a presentation on **Neural Networks, ANN, CNN, and Deep Learning**. On day 3, **Dr Jayaraj P B**, Asst Prof, Dept. of CSE, NIT Calicut, spoke about **AI in Healthcare**. **Dr Vasudevan A R**, Asstt Prof, Dept of CSE, NIT Calicut, spoke about **Machine Learning in Cybersecurity**, and **Dr Anil Pinapati**, Asstt Prof, Dept. of CSE, NIT Calicut, spoke about **Cryptography and Cyber Security**. There were 30 faculty members in attendance.

### LUCKNOW

IETE Centre, Lucknow, hosted a national conference on **“Innovative Trends in Engineering and Management”** on 26<sup>th</sup> & 27<sup>th</sup> Feb 2023. **Prof (Dr) DS Yadav**, IET, Lucknow; **Dr Huma Mustafa**, CST, Lucknow; **Dr SP Tiwari**, KTH, Sweden; **Dr Saifullah Khalid**, AAI, Lucknow; and **Mr Mirza Mohammad Zaheer**, ISTRAC-ISRO, were among the distinguished guests. During this conference, several innovative ideas proposed by the presenters would aid in the advancement of technology. Numerous start-ups in our country attract new entrepreneurs and ultimately contribute to the economic development of the nation. By applying these concepts, we can contribute to the nation’s gross domestic product. **Dr Arun Kumar Singh**, Centre Chairman, gave a talk titled **“Emerging Technologies Trends”** in which he discussed how technologies are presently evolving or are anticipated to be available within the next five to ten years. Approximately twenty corporate members, including invited guests and IETE members, attended the event.



### MHOW

- IETE Sub-Centre hosted a lecture titled **“Benefits of IETE Student Forum Membership for College Students”** on 12<sup>th</sup> Nov 2022. The lecture was presented by the **Hony Secretary** of the Sub-Centre.
- On 19<sup>th</sup> Dec 2022, IETE Sub-Centre organised a lecture for ISF Members on **Technical Paper Writing for IETE/ IEEE journals / conferences**. The presentation was given by **Hony Secy** of the Sub-Centre.

- The IETE Sub-Centre organized **“Benefits of IETE Students Forum Membership for College Students”** programme on 9<sup>th</sup> Jan 2023 at Lakshaya Hall MCTE, Mhow.

- The IETE Sub Centre, Mhow MCTE hosted an online lecture on **“Introduction to Internet of Military Things (IoMT)”** on **“IETE Students’ Day”** on 28<sup>th</sup> Feb 2023. **Prof (Dr) M R Khare**, Ex-DGM (R&D SAIL Ranchi), delivered the lecture at Batra Hall, MCTE, Mhow. **Dr Khare** is an active member of IEEE with 133 publications and 15 patents in the fields of instrumentation, control, and communication. **Prof (Dr) M R Khare** delivered an insightful and informative lecture, which was praised by MCTE student forum members and faculty.



### MUMBAI

- The IETE Mumbai Centre at St Xavier’s Technical Institute, Mahim, Mumbai, commemorated the institution’s **69<sup>th</sup> Foundation Day** on 11<sup>th</sup> Nov 2023. **Mrs Janani Natarajan**, a senior faculty member and member of IETE, delivered the opening remarks. Event was graced by the Director **Fr (Dr) Jonn Rose**, the Principal of Xtech **Dr Shivaji Ghungrad**, the HoD **Dr Vijay Rathod**, the ISF coordinator **Shri Anil Gurav**, and 85 ISF students. **Dr Smita A Lonkar**, Chairperson, IETE Mumbai Centre, read the message from the IETE President, New Delhi and provided information regarding ISF and IETE membership. **Dr RG Karandikar**, the Guest of Honour, elucidated the audience on **“NEP 2020: A Paradigm shift in Skill-based Higher Education Challenges & Opportunities”** and encouraged students to participate in various technical activities. He also discussed the benefits of NEP 2020 from the student and faculty perspectives. On this occasion, the guest of honour and the senior member were felicitated. A vote of thanks was proposed by **Dr Vikas Gupta**, Honorary Secretary of IETE Mumbai, to conclude the event.



- The **Endowment lecture** organized on 6<sup>th</sup> Feb 2023 in memory of **Dr P B Parikh**, explored current topics in the field of electric vehicle technology to honour his contributions and continue his legacy. The event began by extending a warm greeting to the keynote speaker **Dr Sudhakar Umale**, the chief guest **Dr B K Mishra**, and the guest of honour **Shri Kartik Parikh**. The Centre Chairman **Dr Smita A Lonkar**, IETE Secretary **Dr Vikas Gupta**, IETE Treasurer **Dr Ghungrad** and **Dr Sandhya Save**, IETE TCET Activity Head, were also welcomed by the anchor. Following the lighting of the lamp, Noopur Divekar (IETE-TCET Secretary) performed the Saraswati Vandana, a traditional hymn of worship to the Hindu deity of knowledge and wisdom. Each guest delivered a speech that helped the students gain insight from their experiences, hard work, and perseverance. The purpose of Dr Sudhakar



Umale's lecture on "**Design Aspects of Electric Vehicles**" was to provide students with a comprehensive understanding of the current state of the designing industry for electric vehicles, its future prospects, the challenges it faces in the designs, and how to overcome them. The purpose was also to learn about the most recent advancements in electric vehicle design and its impact on the environment, economy, and energy. There were a total of 34 participants from 5 institutions: Vidyavardhini College of Engineering and Technology (VCET); Shah & Anchor Kutchhi Engineering College (SAKEC); KC College of Engineering & Management Studies & Research (KCEMSR); St. Xavier's Technical Institute (XTECH); and Thakur College of Engineering and Technology (TCET). It was followed by a Q&A session during which Dr Umale clarified all of the students' questions. Everyone was instructed to complete the feedback form and submit and also to complete the attendance record. The event was a triumph, providing attendees with the opportunity to network, gain knowledge, and share their expertise.

## NASHIK

- The IETE Nashik Sub-Centre, in collaboration with the Electronics and Telecommunication Department of K K Wagh Institute of Engineering Education and Research (KKWIEE&R), Nashik, hosted an expert talk titled "**Tinkercad: Design, Code, Simulate**" by **Shri Pravin Wankhede**, Assistant Professor, Electronics and Telecommunications Department, SSGMCE, Shegaon on 01<sup>st</sup> Oct 2022.
- Ms Mitali Sharma**, System Engineer, Emerson, Nashik, presented an expert lecture on "**Introduction to Distributed Control System and Career Opportunities in the Field of Automation**" on 1<sup>st</sup> Oct 2022.
- Er Mangesh Thakur**, Asstt Mgr, Reliance Jio Infocomm Ltd, Nashik, presented a webinar titled "**Latest Trends in Wireless Communication**" on 11<sup>th</sup> Nov 2022.

- The ET Dept in collaboration with the IETE Nashik Sub-Centre, hosted a webinar on "**Electrical Machines used for EV Power Train: Basic Concepts and Trends**" on 21<sup>st</sup> Nov 2022. It was presented by **Shri Vishwas Vaidya**, Chief Innovation Officer, FourFront Private Ltd.

## NOIDA

Activities conducted by Noida Centre include:-

- Career Opportunities and Growth in the Semiconductor (VLSI and hardware) Industry, Higher Education, and Technical Profile Building** were the topics of a series of lectures held at Galgotias College of Engineering and Technology in association with the IETE Noida Centre from 06<sup>th</sup> Dec 22 to 1<sup>st</sup> Mar 23.
- A **techno-cultural festival** was organised by GCET in association with IETE Noida Centre.
- On 11<sup>th</sup> Jan 2023, an **Ideation Workshop on Entrepreneurship** was held at IILM University. **Col (Dr) Bipin Pandey**, Chairman IETE Noida Centre, and **Ms Richa Rana**, a highly successful serial entrepreneur who presently serves as Delivery Management at Infosys, conducted the workshop.



- The IETE Noida Centre, in association with the School of Information and Communication Technology at Gautam Buddha University, Greater Noida, hosted a two-day national conference on **Legacy Information Systems and Cyber Security**, on 19<sup>th</sup> - 20<sup>th</sup> Jan 2023, in hybrid format. **Col (Dr) Bipin Pandey**, Chairman, IETE Noida Centre, presided over the conference. The guest of honour, **Dr M H Kori**, delivered a riveting and highly informative technical presentation entitled "**5G Technologies and Beyond**."
- On 16<sup>th</sup> Mar 2023, **Sri Raman Kumar**, Hony Secretary, IETE Noida Centre, gave a technical presentation entitled "**Next Generation TV Broadcasting in the 5G Era**" at Sharda University in Greater Noida. In addition **Col (Dr) Bipin Pandey**, Centre Chairman, gave a lecture entitled "**Artificial Intelligence and Life 3.0**." University faculty and students in significant numbers attended the presentation.
- IETE Noida Centre** and **TechPGI** signed a **Memorandum of Understanding** to conduct various technical trainings at IETE Noida Centre. The agreement is in effect from 1<sup>st</sup> April 2023.
- The IETE Noida Centre holds **monthly meetings** of the Executive Committee. Guests in addition to EC Members are invited to EC Meetings. During these meetings, in addition to the routine operational aspects of the Centre, growth strategies and opportunities for the Centre were discussed in depth.



- The IILM University in Greater Noida, in collaboration with the Institution of Electronics and Telecommunication Engineers, hosted a session on “Next-generation TV Broadcasting in the 5G Era” on 20<sup>th</sup> Mar 2023. **Shri Raman Kumar**, Director (International Relations), Prasar Bharati Delhi, and **Col (Dr) Bipin Pandey**, Chairman of IETE, Noida, were the session’s prominent speakers. The purpose of the session was to explore the capacity of 5G technology to transform the TV broadcasting landscape and enable high-quality, immersive viewing experiences for audiences. **Shri Kumar** discussed what India’s public broadcasting corporation, Prasar Bharati, is doing to improve television broadcasting using 5G technology. He emphasised the advantages of utilising 5G for live event broadcasting, on-demand content delivery, and personalised viewing experiences. In addition, he discussed the challenges of implementing 5G-based TV broadcasting, such as spectrum allocation and infrastructure development, as well as the need for stakeholder collaboration. **Col (Dr) Bipin Pandey** well-informed students on the advantages of the IETE students forum.



## RAJKOT

- IETE Students’ Day** was commemorated on 15<sup>th</sup> Feb 2023 by IETE Rajkot at the SU Start-up and Entrepreneurship Council Incubation Centre, Dr APJ Abdul Kalam Centre, Saurashtra University, Rajkot, in conjunction with Institutions Innovation Council Saurashtra University and SU Start-up and Entrepreneurship Council. The Centre made the necessary announcements and communicated them to its members, students, local colleges/universities, and interested industry members. Fifty students from various universities/colleges participated in the “START-UP and IT Quiz Competition” that was held to mark the occasion. The Christ College Rajkot, Ms Pintukumari Bera, Asstt Prof Computer Science, used a multimedia projector to run the quiz competition. The quiz programme was divided into five distinct stages. **Prof (Dr) Atul M Gonsai**, Chairman of IETE Rajkot, gave the program’s introductory remarks. He welcomed the guests, members, and attendees, briefed them on the agenda, and outlined the history of IETE up until the present day. **Dr Ranjan Khunt**, President, Institution Innovation Council of Saurashtra University Rajkot, discussed the activities of the Council. The office bearers of the IETE Rajkot Centre encouraged a large number of students to attend. The president’s message was read by **Ms Amee K Daiya**, a member of the Executive Committee from Rajkot Centre. **Shri Parth Sejjpal**, CEO, Start-up and Entrepreneurship at Saurashtra University, Rajkot, presented the vote of thanks. In addition to the prize awarded to the winners, certificates were presented to all participants. The winning team received monetary awards. Under the supervision

of **Prof (Dr) Atul M Gonsai**, Chairman of IETE Rajkot, **Shri Brijesh Devani**, OA-IETE Rajkot Centre, coordinated the overall programme.

- The IETE Rajkot Centre commemorated “International Women’s Day” on 18<sup>th</sup> Mar 2023. **Ms Amee K Daiya**, Asstt Prof, CS Dept, Saurashtra University, Rajkot, was the Chief Guest and spoke on “How to Keep Your Social Media Safe as a Woman.” **Prof (Dr) Atul M Gonsai**, Chairman of the Centre, delivered the welcome address. The Chief Guest provided a practical explanation of the aforementioned topic, as well as a few social media guidelines especially useful for



women, and a live demonstration of how to protect the privacy of social media accounts. **Ms Maushmi Ashara**, CS Dept, read the Women’s Day message from the IETE President. The audience engaged in an informative discussion on these topics and asked a number of pertinent questions, which made the event lively. This event was attended by 42 female participants. IETE Rajkot presented a certificate to each participant. A token of appreciation was given to **Ms Amee Daiya**. **Shri Nilesh Advani**, Deputy Dir of International Relations at Marwadi University Rajkot, presented the vote of thanks. **Ms Rinkal Parmar**, CS Dept and **Shri Brijesh**, IETE Rajkot, efficiently managed the overall function.

## SHIVAMOGGA

IETE Shivamogga Centre commemorated **IETE Students’ Day** on 28<sup>th</sup> Feb 2023. The function was graced by **Dr K Nagendra Prasad**, Principal of JNNCE, Shivamogga, as the Chief Guest; **Dr Manjunatha P**, IPC of IETE Shivamogga Centre, as Guest of Honour; and presided over by **Dr S V Sathyanarayana**, Centre Chairman. The function began with invocation by **Ms Sumathi K**, Asst Prof E&C Dept, JNNCE, Shivamogga. Dr S V Sathyanarayana, in his address spoke about the significance of the IETE students forum. Various student-oriented activities were highlighted. In addition, he delivered the welcome address. On this occasion, **Shri Gokul**, an ISF member, read the President’s Message. The purpose of the Students’ Day Celebration was discussed by **Dr P Manjunatha** and he also informed how technical activities for students



can contribute to the overall development of students' other abilities. **Dr K Nagendra Prasad** discussed the importance of students engaging in extracurriculars that will help them grow as individuals and professionals. Also present was **Sri Madhusudhan G**, Hony Treasurer, IETE Shivamogga Centre. To promote student activities, a two-round **debate competition** was organised for II yr student members on this occasion. The first round of the test consisted of queries assessing aptitude. Approximately fifty-six students participated in this round, and twenty-five were selected for the second round based on their performance. The second round focused on current events. In this round, the top three were awarded prizes based on their scores. **Adithya B P**, **Kishor Gowda O K**, and **Aniruddha** placed first, second, and third, respectively, in the race. The function was concluded with a vote of thanks by **Dr Sheela S**, Asst Prof, E&C Dept, JNNCE, Shivamogga.

### VADODARA

- On 21<sup>st</sup> Mar 2023, the IETE Vadodara Sub-Centre held a webinar and expert discussion on **"Business Development through Electrical Contracting"** at Govt Polytechnic Chhotaudepur, Electrical Department. **Shri Sahil Sumera**, Govt-approved Electrical Contractor, EE, Municipality Chhotaudepur, was the chief guest. He spoke on **"Business Development through Electrical Contracting."** **Shri K R Chaudhri**, In-charge Principal GP Chhotaudepur; Ic HOD EED; and **Prof S Y Gandhi**— Lecturer EED, were also present. The expert listed various benefits and ways students might work for themselves in electrical contracting.

- MS University's Faculty of Technology, Electrical Engineering Department had another expert talk on 27<sup>th</sup> Mar 2023. The Chief Guest, **Dr Hetal M Pathak**, Assoc Prof Senior Executive at Doctoral Studies and Research, Parul University, Waghodia, Vadodara, spoke on the topic of **"Transverse Electromagnetic Cell Optimisation"** in which she elaborated on the concepts of TEM, GTEM, EMI, and EMC. With simulation and hardware test results, numerical methods (Finite Element Method) and the calibration procedure were explained in great detail. Almost every active member was present at the event.



- On 3<sup>rd</sup> Apr 2023 a talk on **"Introduction to Current Practices in Maintenance of Transformers and Breakers"** by **Shri Jaydeep Prajapati**, Dy Engineer 220 KV S/SGETCO, was organized. Important dignitaries attended included: **Shri KR Chaudhri**- Ic Principal, GP

Chhotaudepur; **Shri V H Ghanchi**-Ic HOD EED; **Shri S Y Gandhi**-Lecturer EED and **Shri VJ Pandaya** LEE - Government Polytechnic Halol. The expert discussed maintenance recommendations for transformers and circuit breakers.

### VARANASI

- The IETE Varanasi Sub-Centre hosted the **69<sup>th</sup> Foundation Day celebration-2022** at the Dept of Electronics Engineering, IIT(BHU), Varanasi on 2<sup>nd</sup> Nov 2022 on the theme **"NEP 2020: A Paradigm Shift in Higher Education Skills: Challenges and Opportunities."** Approximately twenty IETE members were in attendance. **Prof M K Meshram**, Chairman of IETE Varanasi Centre, extended a warm greeting to the guests and provided an update on the Sub-Centre's activities. On this occasion, the Hony Secretary, **Dr Rajan Srivastava**, read the President's message on the year's theme. **Dr N S Rajput** and **Dr A K Mishra** of IIT (BHU) delivered keynote speeches titled **"NEP 2020: A Paradigm shift in Skills for Higher Education: Challenges and Opportunities."** They delivered an informative and knowledgeable presentations. **Dr Amritanshu Pandey**, Treasurer of the IETE Sub-Centre in Varanasi, thanked the audience for their participation in the celebration of this significant day. The event concluded with the distribution of mementos to all of the day's dignitaries. IETE Varanasi Sub-Centre also hosted an evening dinner.



- The IETE President attended IETE's Varanasi Centre EC Meeting on 7 Mar 2023.



## IETE Students' Forum (ISFs) Activities

- **ISF at Sri Ramakrishna Engg College (SREC), Coimbatore**, held a number of events. A seminar on 'Innovations in Virtual Reality/Augmented Reality Seminar' on **Jul 8, 2022** conducted by Ms E Shanthini, Asst Professor (Sl.G) ECE & Ms R Karthikamani, Asst Professor (Sr.G) ECE; a workshop by Shri Niranjan, SDR Founder & CEO, Mukkudal Robotics, Coimbatore on 'Robotics and its Industrial Applications' on **Sep 19, 2022**; Seminar by Shri Jitendra Tiwari, Senior Faculty, Made Easy Education Pvt Ltd, on 'Career Opportunities After Engineering' on **Sep 22, 2022**; a workshop by Mrs E Shanthini, Asst Professor (Sl.G) ECE, on 'Virtual Reality for Everyone: Interactive Unity Workshop' on **Sep 29, 2022**. On **Oct 14, 2022**, a workshop on 'Innovation in Electronics' was conducted by the resource persons- Mrs E Shanthini Asst Professor, ECE & Ms R Karthikamani Asst Professor, ECE. On **Oct 15 & 17, 2022**, workshop by Shri Niranjan SDR Founder & CEO, Mukkudal Robotics, Coimbatore on 'Robotics and its Industrial Applications' was repeated. On **Nov 26, 2022** a guest lecture by Ms Kanaga Durga Deenadayalan, Senior Software Engineer, Bosch Global Software Technologies, Coimbatore on 'IoT and IIoT- Applications in Automotive Industry' was organized by the ISF.
- **ISF at Thakur College of Engineering & Technology (TCET), Mumbai**, on **Jul 8, 2022**, held a meeting of new core committee members with ex-core members to share their event planning experience. Ex-Core Committee explained ways to increase attendance and make events memorable. When needed, they explained event sponsorships. They also discussed how the new committee may address their issues. On **Jul 20, 2022**, ISF held a "IETE Membership Drive" to educate TE ELEX and TT IOT students about IETE membership benefits. The Core Committee gave students a detailed membership presentation. IETE membership advantages were also stated. To clarify, past and future examples were used. On **Jul 25, 2022**, IETE-TCET held an exclusive research paper writing tutorial for all TE and BE departments. About 43 students participated. III yr electronics student Ms Shubhangi Joshi gave the presentation. The speaker discussed research paper framework and the importance of writing them. She supplied research paper concept advice. She said publishing a research paper improves the future and that scientific writing needs citations. All branches of TE and BE attended the IETE-TCET seminar on "Arch Linux & Battery Management System" on **Jul 29, 2022**. 34 people took part. Ms Akshata Sharma and Ms Pritika Gharat, who were in their last year at TCET, spoke at this session. At the beginning of the seminar, the guests were welcomed and introduced. Pritika Gharat talked about Port Arch Linux, the ARM Instruction Set, and Architecture. Ms Akshata Sharma, the second guest, talked about battery management and how important it is. On **Aug 13, 2022**, IETE-TCET held a webinar on "Networking & Cybersecurity". There were 65 students present. The presenters were welcomed and introduced. The seminar began with Ms Aastha Sharma providing a networking overview. Internet protocol discussion was also included. She described the operation of networking. Cybersecurity was the topic of the session's second speaker of the day, Shri Aditya Shandilya. The advantages of cyber

security were discussed. The speaker described typical online threats and how to avoid them. IETE-TCET conducted an "IETE Membership Drive" on **Aug 16, 2022**, to inform the students of TE ELEX and TT IOT about the various benefits of being a member of IETE. Faculty Dr Archana Belge, Shri Sumit Kumar and Shri Sunil Khatri supervised the event. 32 students participated. A presentation prepared by the Core Committee was given. Dr Archana Belge, IETE Faculty In-charge and Shri Sumit Kumar, Asst Professor, Faculty IETE supervised Technical Visit by ELEX and IOT students to Automation Expo 2022 on **Aug 17, 2022** where they visited many booths that included Gandhi Automation Pvt Limited, Endress + Hauser, Vega, INVT, Autobots Inc. To encourage students to improve their technological knowledge and presentation skills, **ISF at IETE-TCET** conducted Following activities: (i) Seminar on "How to start a career in data analytics" on **Aug 26, 2022**. 176 students attended. Shri Kalpesh Ghadigaonkar the first speaker talked about what data is and why it is an important resource. The speaker also discussed what data analytics is and different types of the same. Afterwards, the speakers discussed a case study. The second speaker, Ms Aditi Gangar highlighted skills & tools required for starting a career in data analytics. Thereafter, he explained how to create a project portfolio and a data resume. Afterwards, the speaker told us how to search for data jobs Off-campus and how to prepare for interviews. (ii) 'Technical Poster Competition' on **Sept 10, 2022**, 32 students participated, which included students from SE and TE, respectively. (iii) Seminar on the Photoshop basics on **Sept 23, 2022**. 29 students attended. Shri Hrishikesh Indulkar briefed about photoshop it's importance in editing and designing, work of photoshop layers and how to combine multiple images. The second speaker, Ms Kulin Goyal explained the color and adjustment layers; how to work with types and layer styles and effects besides how to crop, resize, clipping, selection and masks. (iv) Webinar on 'Arduino' on **Oct 20, 2022**, 51 students participated. The webinar gave basic introduction of arduino boards, its structure, arduino codes, and bestsoft ware for programming and different online simulators. (v) 47 students participated in the Annual Educational Excursion on **Jan 3-11, 2023** to Nainital, Bhimtaal, Jim Corbett & Delhi, with an aim to bridge the gap between theoretical training and practical learning in a real-life environment, to identify their prospective areas of work in the overall organizational function; to prepare students for successful careers in the industry, by identifying the gaps between the curriculum and industry requirements; to promote awareness amongst students for life-long learning and to inculcate professionalism, ethical attitude, good leadership qualities and commitment to social responsibilities. Dr Sanjay C Patil, Assoc Professor & Deputy HOD, (Electronics) and Dr Archana Belge, Assoc Professor & Deputy HOD (Mechatronics) supervised the 9-day tour. Organizing Committee comprised of Shri Dhruv Arora, Ms Mansi Vaghasiya, Ms Noopur Divekar, Ms Rishika Jain & Ms Vedanti Kesarkar. Industries visited: IMPCL Pharma Company & BAHL Paper Mill. (vi) 137 student participated in the webinar on 'ChatGPT' held on **Jan 28, 2023**. IETE TCET held a workshop on PCB Design on **Mar 7, 2023**. Shri Aditya Shandilya and Maharshi

Thakkar were resource persons. They discussed software tools that are commonly used for PCB design, including Eagle PCB, Altium Designer, and KiCAD. They demonstrated the process of designing a simple PCB from scratch using the “EasyEDA” software.

- On **Aug 12, 2022**, the **ISF at PSG College of Technology in Coimbatore** held the following events in commemoration of India’s 75th Independence Day. With 60 individuals, Patriotix was one of them. The first round of this activity was Code-75, in which participants were asked to answer general knowledge-based coding questions. Round two was known as Duel Squad. It prompted the participants to identify the heroes who filled our souls with pride and displayed their patriotism. On **Sept 28 & 29, 2022**, Recruitment 2022 was set up. The programme was enthusiastically received by prospective candidates and participating members. Included in the analysis were resume, attire, and body language. The members proposed an idea to increase the creative energy in the room and paired the candidates in the room through a simulated session of strategic planning. The innovative concept encouraged the candidates to meet their future teammates and gain a different perspective. It also provided them with an understanding of the IETE’s cooperative practises. On **Oct 14, 2002**, the Prologue’ 22 event was held with approximately forty participants. Secretary Ms Sankruthii introduced the group. The faculty advisor, Dr Saravanan, delivered the presidential address and introduced the Office Bearers. Co-Chairperson Shri Mohammad Ashfaque introduced the Chief Guest, Shri Sugantharaja, an alumnus of PSG College of Technology - ECE cohort 2012-16 and an office bearer of the IETE student chapter. He enlightened the audience with his knowledgeable presentation on “Electronics you wear” and explained the software and hardware credentials of routine technology. Following the lecture, there was a Q&A session in which numerous students and teachers posed queries to the keynote speaker regarding his lecture, to which he respectfully responded. Shri G Tharun, Chairman, elucidated the Academic Year plan for 2022-23, and Shri Darshan offered the vote of thanks. On **Nov 3, 2022**, the event Quintuple was organised. There were approximately 270 (90+ teams) participants. Round 0 was followed by six rounds. (Round 0: Xander; Round 1-Tesseract; Round 2: Knowhere; Round 3- Vormir; Round 4- Eye of Agamotto; Round 5: Battle Of Wakanda). Selected individuals and teams competed until the very end, and victors were then declared.
- ISF at EC& EEE Dept, of Vivekanandha College of Technology for Women, Elayampalayam, Tiruchengode**, held a session on GATE Exam Orientation & Programming Strategy on **Aug 29, 2022** with Shri KNS Hemanth, Director & an Expert at OHM Institute, Hyderabad, as the resource person. The aim of this activity was to approach and solve a problem in a totally new & unknown environment. It organized another session on “Gate Examination & Preparation Strategy” on the same day with two resource persons, namely- Shri A Goutham, and Shri K N S Hemanth. On **Sept 3, 2022** 237 students participated in webinar on Industrial Expectations from student. Ms Parvin Munavar, Assistant System Engineer, Tata Consultancy Services, Bangalore was the resource person. On **Sept 29 & 30, 2022**, a two day hands- on training programme on “E-Vehicles” was held, with Dr B Ezhilavan, MD, and Ms M Devi, Technical Trainer, VEI Technology, Chennai, serving as resource
- persons. They presented fresh perspectives and encouraged students to seize possibilities, sparking interest in new technology among the pupils. There were about 80 ECE students there. Celebrated on **Feb 2, 2023**, was the IETE Students’ Day. The programme included a quiz, a group discussion, and a seminar. The concerns addressed were: to help IETE students improve their communication abilities to impart critical thinking skills with the aid of a quiz programme. providing technical information through lecture presentations. The Dept of ECE & Intellectual Property Cell of the ISF jointly organized an online webinar on ‘IoT Challenges and Opportunities’ on **Feb 18, 2023**. The opening remarks were made by Mrs P Malini, Assist Prof Ms J Indra, Professor and Head, ECE, KPR Institute of Engg and Tech, Coimbatore, was in charge of the session. She talked about the benefits of IOT, IOS, and IOD. Demand statistics and specialised data classifications were also explained. On **Feb 21, 2023**, a guest lecture on “5G Modern Antenna Design” took place. The workshop was led by Dr M Vinoth, Assoc Prof of ECE at K Ramakrishnan College of Engineering in Trichy. On **Mar 4, 2023**, a second webinar on “Industrial IOT” was scheduled. Dr R Jayanthi, a professor and the ECE department head at Erode’s Nandha College of Technology, oversaw the session. She discussed the idea of IOT Industrial Expectations briefly and described IOT applications. ‘Industrial Expectation’ Alumini Interaction Programme held on **Mar 8, 2023**. Ms Shafrin Mansoor, a software engineer at HCL Technologies in Chennai, managed the session. She provided a quick explanation of the idea of industrial exceptions, which includes how to get ready for the industry and how the interview procedure for various companies works.
- ISF at Dhanalakshmi Srinivasan College of Engineering, Coimbatore** organized an IETE ISF Student Forum inauguration on **Sep 3, 2022**. The Chief Guest for the program was Dr P Sivakumar, Technical Coordinator, Prime Tech Instruments, Chennai. He shared his experience about the technology used for product development in Prime Tech Instruments and also motivated the students to participate in events to develop their skills. A one-day workshop on Green Energy was organized on the same day. The resource person for the workshop was Shri Shiva Kumar R A. He provided a brief demonstration on power estimation in solar plant. A hands-on training was provided to the participants to assemble the solar panel and measure power relating consumable requirement. Around 120 participants actively participated.
- ISF-Paavai Engg College Namakkal and ECE Dept** in association with IETE Erode Local Centre organised the following events: An online seminar on “Recent Trends in Automotive and Embedded Systems” on **Sept 6, 2023** by Shri S Surender, a System Validation Engineer (Automotive embedded) at Visteon Technical and Service Centre in Chennai. He began by discussing The Golden Cycle (Why, How, What) and the Software Development Life Cycle. He discussed the conceptions of the automotive industry, ranging from steam vehicles to electric vehicles, ECUs, and their respective types. He also described the roadmap for Arduino and its challenges. Students learned about automotive applications. Shri S Vijay Murugan, IETE faculty coordinator, and Shri S Sathesh Kumar, ECE assistant professor, coordinated the event. Dr M Sudha, Prof & HoD ECE, R Mohana Priya, and T Loganayaki, Association

Coordinators, attended the lecture with ECE faculty. A webinar on “Matlab for Engineering Applications” was organized on **Nov 18, 2022** by resource speaker, Shri Adarsh Chaunal, Application Engineer, Design Tech System Pvt Ltd, Chennai. He highlighted applications of MATLAB in different domains like Aerospace, Image Processing, Civil construction, Bio-Medical, Fuzzy logic and Machine learning. Dr M Sudha, Professor and Head, ECE was the Convenor. Prof (Dr) S Vijay Kumar & Shri S Vijay Murugan, Assoc Professor were the coordinators. During Nov 28-29, 2023, the **ISF** conducted hands on training PCB Design & its applications by Shri R S Jothiprasanth, Tech Engr, Enthus Techolgy Solutions Pvt Ltd Coimbatore. The Dept of ECE at ISF Paavai Engineering College, Pachal, Namakkal, Tamilnadu conducted an online guest lecture on “CMOS in VLSI Design” on **Feb 17, 2023**. ECE Prof S Vijayakumar gave the opening comments. The presidential address was given by Principal Dr M Premkumar. ECE III- Yr Ms V Shanmathi introduced the guest speaker Prof (Dr) K Nirmaladevi, ECE Associate Professor at Saveetha Engineering College in Chennai. The speaker’s presentation began with MOS transistor and CMOS DC characteristics. She also highlighted threshold voltage, MOS transistor areas, and integrated circuit benefits. Students learned MOS device applications. She also addressed VLSI job opportunities. Resource speaker answered questions. Online guest lecture attracted 100 students. ECE Assistant Professor G Nandhakumar closed the session. ECE Professor S Vijayakumar and Assistant Professor G Nandhakumar coordinated the event. Dr M Sudha, Prof and Head ECE, attended the guest lecture with ECE faculty. On **Feb 20, 2023**, the Dept ECE’s Electronics Club, Institution’s Innovation Council, and IETE held a Project Expo called “TECHNOVA 23.” It encouraged pupils to think creatively and build prototypes. S Rohit III-ECE welcomed guests. Dr Prabhu, Prof/ECE Department Head, Paavai College of Engineering, judged. This event helped students identify practical issues with their concepts and learn about real-time application failures. Students showed electronics projects. Project Expo included 26 batches of III/ II year ECE students. P Naveen II-ECE gave the closing remarks. Dr M Sudha Department Head, organized the event along with Dr R Mohana Priya, Assoc Prof/ECE, Shri SVijaykumar, and Shri S Sathish, Asstt Prof/ECE. On International Women’s Day, **Mar 4, 2023**, a motivating speech on “Fearless and Undaunted, Emerge as path Creators, Go onwards to rise in Eminence” was given. Ms Cherub Ebenezer of final-year CSE welcomed the group. Shri CAN V Natarajan, Paavai Institutions Chairman, presented the guest speaker with a shawl and memento and presided over the occasion. In his presidential address, he encouraged students to choose the right route and journey with confidence to succeed. Mrs Vanjulavalli Sridhar, Chief Wildlife Warden and Conservator of Forests, Puducherry, was introduced by final-year ECE student S Sretharassene. In this men-centered, dependent culture, students should break down obstacles and create paths, the keynote speaker said. She advised Paavai girls to practice virtues and good deeds early on to become specialists in their fields, financially independent, and unafraid of society. She also said kids must be professional readers, physically active, integrate their information, and work efficiently to set the groundwork for the future and become progressive, well-rounded people. She then

advised them to become financially independent and learn how to clearly communicate views in the job, career, and family with equality. She then encouraged them to excel in every endeavour by overcoming inner anxieties and barriers, overcoming personal trauma, being tenacious, and shining among friends, family, and society. Paavai Institutions Correspondent Smt Mangai Natarajan congratulated the group. She advised Paavai women to use science to simplify life in her felicitation. She added that education is about self-knowledge and physical and mental health. She encouraged pupils to participate in Paavai’s empowerment programs to learn about their surroundings and the world. She then wanted students to succeed intellectually and emotionally. Ms J Soundharya gave the vote of thanks and the National Anthem concluded the event. Deans, Principals, Department Heads, and Paavai Institutions employees attended. A drawing competition, ‘Art Drawing-Save Water’ was organized on **Mar 29, 2023**. Dhanush. A from the II yr CSE Dept got first place Dr M Sudha, Prof and Head, ECE was the Convenor. Dr V Annapoorani, Prof, MCA Dept, PEC College was the Jury. She encouraged the students to participate in these types of events to bring out their inherent talents. Dr R Mohana Priya, Assoc Professor, ECE, Association Coordinator, Faculty members from ECE, and other members of the Fine Arts club attended the event. Shri G Nandhakumar, Fine Arts Club coordinator along with student coordinators S Sretharassene, final year ECE & Shri M Dineshkumar, 3rd year ECE organized the event. On **Mar 31, 2023**, the CE Department, in conjunction with IETE, ISTE, and Wizards systems, organised a hands-on training on “Signal Processing.” Principal of Paavai Engineering College, Dr M Prem Kumar, emphasised in his presidential address that knowledge acquisition, skill enhancement, and the ability to learn and relearn are the current areas of emphasis. He encouraged the students to take advantage of all available opportunities. The Chief guest was Ms Sowndeswari, Asstt Prof, Sambhram Institute of Technology in Bengaluru. In her address, she highlighted the various career opportunities in the signal processing industry and encouraged students to take advantage of all learning opportunities. The primary objective was to provide students with a venue for focusing on industry-specific problems and an opportunity to demonstrate their learning experience. 120 second-year ECE students participated in the instruction session.

- **ISF at Jansons Institute of Technology (JIT), Coimbatore**, was inaugurated in March 2022. This **ISF** in association with the Institution Innovation Council of Jansons Institute of Technology and JIT – Entrepreneurship Development Cell organised a workshop on “Start-up Opportunities in Drone Tech Sector’ on **Sep 13, 2022** by Shri T Abishek, Entrepreneur, CEO and Founder of Flyer Drone Tech, Coimbatore. A demonstration on Drone and its Applications was given. **JIT-ISF** in association with JIT-IIC organized a field visit to Coimbatore Institute of Technology for idea generation on **Oct 6, 2022**. Two faculty members along with 25 students visited the Internet of Things (IOT) – Centre of Excellence. Dr M Poongothai, Assoc professor, ECE, Coimbatore Institute of Technology welcomed and addressed the students. She explained the basic architecture of IOT and components used in IOT based applications. She also explained about different types of sensors used for IOT based projects. **JIT-ISF** in association with JIT-IIC

organized a workshop on the topic “Idea Generation Techniques” on **Oct 20, 2022**. Dr B Somasundaram, Head of Digital Transformation, ELGI Equipments Ltd, as the chief guest. Dr B Somasundaram talked about some real time problems. He also elaborated how to develop technical, Innovative ideas that can be practically implemented. He advised the students to find ideas or solutions towards sustainable environment and asked to students to ensure the novelty of ideas for global issues. He explained the importance of getting pattern for ideas. To create awareness on industry requirements and to develop a live projects a field visit was organized on **Nov 3, 2022** to ZF Wind Power Coimbatore Pvt Ltd, Coimbatore. Ms Sreeja Govindankutty, Project Manager & Ms M Gayatheri, Human Resource Manager, Development Engineer and team took students for tour inside their industry. Later Shri R Pragatheesh, Senior Production Engineer explained about how electronics modules are integrated in wind turbine, using wireless sensor module LORAN and EMS services. On **Nov 5, 2022**, the “Innonics Ideation Contest” was hosted by the ISF in collaboration with the JIT –IIC. Students Chairman P Manisankar opened the event with introductory remarks on ideas, and student Secretary T Brinda Prakhasa Dharshini extended a warm welcome to the audience. R Kowsalya, coordinator of the IETE faculty, discussed the significance of creativity in the design process. P Manisankar and his group presented their concepts for a Retail Inventory Management system. C Subarna and her colleagues presented their ideas on biochip implantation in humans. T Brinda and her team presented their ideas to monitor and protect the lives of many individuals in hazardous working environments such as mining, refining, and furnaces using the Internet of Things. Finally, Logesh and his group provided their suggestions for energy management systems in educational institutions.

- **ISF at ECE Dept, Easwari Engineering College, Ramapuram, Chennai** organized a number of activities, including an Inter-college online event titled ‘Adman’ on **Oct 1, 2022**, to promote creativity from within; a technical intra-college event ‘Pexeson’ on **Oct 21, 2022**, in which the participants displayed creativity and artistic skills; a workshop on Virtual Reality by Shri Gowtham, Head of Innovation and Technology, Proto hubs on **Oct 28, 2022**. ISF at ECE Department conducted two sessions of “Style Soldering” on same date to evaluate the soldering precision and technical expertise of the participants. Dr K Rahimunnisa, Prof/ECE, Dr K P Senthilkumar, Assist Prof /ECE, Dr R Praveen Kumar, Asst Prof /ECE, and Dr S R Sriram, Asst Prof/ ECE, evaluated the innovative and technical concepts of the participants on electronics in a “Paper Presentation” held on **Oct 28, 2022**. On the same day, the activity ‘TechFeud’ assessed the participants’ electronics knowledge and spontaneity. The ‘RoboLine Follower’ competition held on **Oct 28, 2022**, challenged participants to design effective robots and make them follow the course. Shri Gowtham, Head of Innovation and Technology at Proto hubs, led a ‘Workshop on Artificial Intelligence’ on **Nov 11, 2022**. Ms Bindu Babu, AP/ECE, directed “Robot in action on the track” on **Nov 11, 2022**. On **Nov 11, 2022**, the ISF organised an event titled ‘Robo Soccer’ led by Dr S Sudha, Prof of ECE. On **Dec 2, 2022**, a ‘Project Expedition’ on the topic of ‘Digital Electronics’ was organised and judged by Dr M Devaraju, Prof and HOD, ECE. ISF organised a technical event titled “Electroquest”

on **Jan 4, 2023**. It was an online project exhibition. On **Jan 25, 2023**, 250 individuals participated in a career counselling session for the students. On **Jan 28, 2023**, the ISF hosted “Digitalox,” an intercollegiate technical event based on digital electronics. It was witnessed by 120 participants. On **Jan 31, 2023**, 241 members of ISF participated in a school outreach programme for the students. On **Feb 16, 2023**, ISF hosted a technical debate competition titled “Lawyers’ Up – State your Case” at which 90 members participated. On **Mar 6, 2023**, ISF hosted the “Frenit” innovative technical debate competition, which was attended by 40 members. On **Mar 23, 2023**, ISF hosted the “Pragyathon” National Level Technical Intercollege Ideathon, which was attended by 120 participants. This event’s chief guest was Ms Archana Rajamanickam, HR Manager at e-con Systems Pvt Ltd.

- **IETE Student Forum** at the Dept. of Electronics and Telecommunication of **Xavier Institute of Engineering, Mumbai** organized a seminar on ‘Software Defined Networking (SDN)’ on **Oct 6, 2022**.
- **ISF at Dept of ECE, VVP Engineering College, Rajkot** in association with IETE Rajkot Centre organized following activities, viz., a workshop on “Verilog” on **Oct 06, 2022**; a technical lecture on ‘Opportunities in VLSI and Embedded domain’ on **Oct 07, 2022** by Shri Rakshit Bakhda as the resource person. A workshop on ‘React JS’ was organized by the CE Dept of VVP Engineering College (Organizational Member IETE Rajkot) in association with IETE Rajkot Centre, Dept of of Science and Technology Government of Gujarat (DST), Gujarat Council on Science and Technology (GUJCOST) on **Oct 14<sup>th</sup> -15<sup>th</sup>, 2022**. Key note speaker was Shri Abhishek N Pujara, an entrepreneur and a trainer. The entire programme was successfully completed under the guidance and support of Prof (Dr) Tejas P Patalia, Principal V V P Engineering College Rajkot. The ISF organized an expert talk on ‘Opportunities in VLSI & Embedded System’ on **Mar 1, 2023** by Industry experts. Shri Jaydeep Bhatt, Project Manager, Mobivile Inc, spoke on ‘Opportunities in VLSI’; Shri Ankur Devani, Lech Lead (Level-I) e-Infochips, spoke on ‘Role of Embedded Engineer in Industry’. Dr Vishal Nimavat, ISF Coordinator and EC Member IETE Rajkot Centre supervised the event. **ISF at ECE Dept** in association with IETE Rajkot Centre organized an industrial visit at Circuit Systems Ltd, Gandhinagar, on **Jan 14, 2023**. Second industrial visit arranged was to Aatronix Innovations Pvt Ltd, Metoda, Dist Rajkot on **Feb 3, 2023**. It is a leading embedded product design, development and services company working in IOT, solar renewable energy, healthcare, power electronics, measuring instruments and motor control. Students were much motivated and benefited through this visit.
- **ISF at ECE Dept, SRM Valliammai Engineering College (SRMVEC), SRM Nagar, Kattankulathur, Tamil Nadu**, organized a National Level Technical Symposium ‘TARAS2K22’ on **Oct 8, 2022**. The Chief Guest, Shri Naveenkanna Radhakrishnan, Lead Consultant, Virtusa Consulting Services Pvt Ltd inaugurated the programme. Around 56 external students and 116 internal students participated in different events conducted during the symposium. A Faculty Development Program on “Analog Electronics and Signal



Processing for Wireless Communication” for 18 faculty members, was organized in association with ISF from **Nov 28, 2022 to Dec 2, 2022**. The event had 6 sessions coordinated by Dr S R Preethi and Shri C Saravanakumar. The students demonstrated their ideas as working models “Mini Project Expo” on **Nov 17, 2022** and it was coordinated by Dr N Subhashini and Shri V Prasanan. A series of industrial visits were arranged for ISF Members to enrich the understanding of the theory concepts. About 130 students visited the National Atmospheric Research Laboratory, Gadanki, AP, between **Oct 21, 2022 & Nov 4, 2022** as 3<sup>rd</sup> batch of students. To witness the usage of instrumentation engineering, the students visited RLT Instrumentation Pvt Ltd, Athur, Chengalpet on **Nov 19, 2022**. In continuation, as Medical electronics is blooming, the students are exposed to the manufacturing of medical equipment by visiting Phoenix Medical Systems on **Nov 24, 2022**. The work environment of a government concern was learned by the students by visiting TANGEDCO/TNEB Substation on **Nov 25, 2022**. On **Feb 22, 2023** ISF organised an expert lecture on “Machine Learning for Wireless Communication” by Shri G Mohan Shankar, which was attended by 114 members on the occasion of IETE Students’ Day is celebration. On **Feb 28, 2023**, ISF organised a Guest lecture on “Smart Healthcare Technology” delivered by the Chief Guest, Mr S Allwyn, Research Associate, IIT Madras, which was attended by 95 members. From **Nov 28, 2022 to Dec 2, 2022**, Faculty Development Program on ‘Analog Electronics and Signal Processing for Wireless Communication’ was arranged.

- **ISF at ECE Dept, RMK Engineering College (RMKEC), Gummidipoondi, Taluk, Kavaraipettai**, organized a number of events. Guest lecture on ‘Artificial Intelligence in Healthcare Applications’ by Dr Saphagirivasan Vivekanandhan, Manager Solutions, Medical Devices-Product and Engineering Services, Cape Gemini, on **Oct 11, 2022**; Guest Lecture on ‘Trends and Opportunities in VLSI Design’ by Dr K Swaminathan, Principal Engineer, Smartlops (India) Research Center Pvt Ltd., Bangalore, on **Oct 15, 2022**; an ‘Intra Departmental Mini Project Competition’ on **Oct 31, 2022**; an Industrial visit on webinar-based Tour of the facilities and Interaction with Industry representatives at Sriharikota, AP, on **Nov 3, 2022**; ‘Department Students Association’ for the benefit of students was inaugurated by Mr Imran Khan, LOB Head (BSNA-Fire), Johnson Controls India Pvt Ltd, on **Nov 11, 2022**; An Industrial visit on webinar-based tour of the facilities and Interaction with Industry representatives at M/s Western Thomson Private Ltd, on **Nov 16, 17 & 24, 2022**; On **Feb 3, 2023**, Dr D Vaithyanathan, Asst Professor & Associate Dean (Academics) NIT, Delhi, delivered a guest lecture on “Basics of Linear Integrated Circuits and Applications”. On **Feb 18, 2023**, Dr Noor Mohammad SK, Assoc Prof, IIITDM, presented a guest lecture titled “Approximate Computing Hardware Design” to 75 ISF members. On **Feb 21, 2023**, ISF hosted a guest lecture on “Entrepreneurship and Innovation as a Career Opportunity” by Shri Vishnu Varadan, Chief Executive Officer, Atal Incubation Centre, Pondicherry Engineering College Foundation NITI Aayog, Govt of India, which 110 members attended. On **Mar 25, 2023** Shri R Kumaran delivered a guest lecture titled “Opportunities for Graduates in VLSI Industries” at which 95 members participated.
- **ISF at SKN Sinhgad College of Engineering, Korti, Pandharpur** organized a guest lecture by Dr MS Chaudhari, Professor and HOD, Computer Science, SIT, Pune on **Oct 11, 2022** on ‘Home Security using IoT’. A wireless Home Security System was demonstrated utilising an Internet of Things module and Raspberry Pi version 3. It was an interactive, user-friendly interface system that indicated whether a person was authorised to enter a residence. It was also described as having simple operation, low cost energy consumption, and a low cost instrument. Prof VV Godase, Event coordinator, emphasized benefits of students’ participation in such events to develop technical knowledge required for industries. An online guest lecture by Shri VRDM Kaushik Agastyaraj, Head in ACE Academy, Pune, was organized on the topic, ‘Career Opportunities through GATE’ on **Nov 7, 2022**. The speaker discussed the importance of GATE scores for pursuing higher studies, for acquiring placement in core industries, exam pattern for GATE Exam, cut off merit list, marking scheme to the students. The function was presided over by Dr KJ Karande and Dr SG Kulkarni and Dr A O Multani. Under the Value Added Programme (VAP), a five-day training on Python Programming was held from **Nov 27 to Dec 1, 2023**. Shri Rohit Agrawal, a software developer at Zensar Technologies Solution, was the resource person for this training. He covered the fundamentals of Python, including its features, functionality, language structure, programming model, and debugging of Python programmes. Numerous packages and applications, including Numpy and Open CV, were presented. Students conducted a data transmission experiment. Dr Parikshit N Mahalle, Prof and HOD of Artificial Intelligence and Data Science, VIIT, Pune, delivered a guest lecture on ‘VANET: Fundamentals & Research Area’ on **Nov 30, 2022**. The speaker explained in his address why Vehicular ad hoc networks (VANETs) have been a popular research topic in recent years. VANETs attract the attention of both academia and industry due to their unique characteristics, which include a highly dynamic topology and predictable mobility. He provided an overview of the major aspects, challenges, and prospective trends of VANETs from a research perspective. The event was co-chaired by Dr SG Kulkarni and Dr AO Mulani.
- **ISF at Department of ECE, Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engineering College, Avadi, Chennai**, hosted a guest lecture on ‘Signals and Systems’ by Dr R Parthasarathy, Assistant Professor, National Institute of Technology, Tiruchirappalli, on **Oct 15, 2022**. On **Oct 29, 2022**, Dr V Chandran, Data Scientist, The Math Company, Bengaluru, delivered a lecture on ‘IoT and Embedded Systems’. Shri E Swaroop, a DFT Engineer with Cerium Systems in Bengaluru, presented a lecture titled “Digital Logic Circuit Design” on **Nov 8, 2022**. On **Nov 24, 2022**, another guest lecture titled “Recent trends in Mobile Communication System” was presented by Shri R Baskar, Sub Divisional Engineer, RGMTC, Chennai.
- **ISF at DY Patil College of Engineering, Akurdi, Pune**, hosted an expert lecture on “Exploring Pathways after ECE Engineering” on **Oct 22, 2022**. The speaker was Ms Manisha Barse, a Research Scholar at the University of Illinois. In her address, the speaker enumerated the skill sets required by both the public sector and



multinational corporations. She also provided in-depth explanations of her research topic and MTech thesis entitled “Investigation of Carbon Nanotube-based Devices for Characterization of Diabetes Biomarkers” as well as biomarker and 3D protein structure prediction concepts. Dr P Malathi, Principal, DYPCOE, Akurdi, Pune, Dr Rutuja Deshmukh, HOD E&TC, DYPCOE, Akurdi, Mrs Usha Jadhav ISF Coordinator, DYPCOE, Akurdi, SE, TE and BE E&TC students attended.

- **ISF at KGISL Institute of Technology, Coimbatore** organised a seminar on “Recent Trends in Embedded and IoT for Product Development” on **Oct 28, 2022**, with Shri G Xavier Richards, Associate Innovation Officer, KPR Institute of Engineering and Technology, Avinashi, Coimbatore, speaking.
- **ISF at ECE Dept, Mohamed Sathak A J College of Engineering, Chennai**, organised a national level technical symposium titled “Electro Fest 2K22” that featured both technical and non-technical events on **Oct 28, 2022**. The symposium’s speakers, Shri R Gajendran, Head of Operations at M/S Pepperl+Fuchs Manufacturing India Pvt Ltd, Shri K Srikanth, Technical Architect at M/S Teleapps, and Mr Mohamed Afroze., Chief Executive Officer at M/S J Digitals, discussed “the various opportunities for future-ready engineers and goals for entrepreneurs.” There were 130 attendees. ISF at ECE Dept organized a two-day hands on workshop on “Drone Designing by NASA Flight Controller” during **Dec 02-03, 2022**. ISF organised a webinar on “Process of Innovation Development and Technology Readlines Level (TRL) and Commercialization of Lab Technologies & Tech Transfer” presented by Shri Shan Gandhimani, Chief Information Officer, Mind Champs, Chennai on **Feb 27, 2023**. It was attended by 100 members. On **Mar 1, 2023** the ISF hosted a webinar on “Applying Artificial Intelligence for Road Safety” by Dr Anbumani Subramanian, Principal Engineer, Intel. It was witnessed by 115 members.
- **ISF at ECE Dept of SRM Eashwari Engineering College, Chennai**, organised a National Level technical festival Pragyostav 2022, which is held annually and seeks to provide engineering students from across the nation with extensive knowledge and exposure on **Oct 28-29, 2022**.
- **ISF at Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology, Avadi, Chennai**, inaugurated a new Chapter and hosted a workshop on “AI for Bio Medical Applications” on **Oct 29, 2022**. The Chief Guest was Dr Vijendra Babu, Hony Secretary of the IETE Chennai Centre, and Dr K Aswin Seshadri, Head of Embedded Practise at Motherson Technology Service Ltd.
- **ISF at the ECE Dept of Sri Venkateswara College of Engineering, Sriperumbudur, Chennai**, organized a National level inter collegiate symposium ‘Upagraha’22 on **Nov 1-2, 2022**. The Chief Guest for the occasion was Dr Arun Janarthanan, SoC Power and Qualcomm. The ISF organised a “Mazebt” Maze Solver Robot on **Feb 23, 2023**, exclusively for second- and third-year students. The objective of the event is to develop a maze, which requires a variety of cognitive abilities, such as spatial learning and memory, working memory, decision-making ability, and general reasoning ability. Shri Srinivasa Raja G, Lead Engineer (Testing and Quality Assurance) of Phoenix Medical Systems P (Ltd), Chennai presented a guest lecture on “Medical Electronics” on **Mar 7, 2023**. ISF at ECE Dept. organised a Guest lecture on “VLSI Physical Design” delivered by Dr K Saravanan – Design Engineer, Physical Design, Cerium System on **Mar7, 2023**; ISF organised a HAM Radio Workshop – “Introduction cum Demonstration” with the chief guest Dr C Shanmugam, Managing Trustee, Centre for Science Promotion and Research, Chennai, on **Mar 17, 2023**. The ISF held an “Introduction to Artificial Intelligence” webinar on **Mar 19, 2023**, with Shri Piyush as the speaker. Initially, he introduced the fundamentals of AI and ML and then explained the mathematical concepts underlying ML. The ECE Dept hosted the “Inaugural of FODSE” wherein Dr Pratheeshwar, Joint Secretary of FODSE SVCE, gave a brief introduction to the organization, on **Mar 20, 2023**. The Chief Guest Shri Sri Nivasan Thanu Krishnan delivered a guest lecture titled “Machine Learning-Driven Industrial Applications” on this occasion. A conference titled “Advanced Approaches and Insights of Artificial Intelligence and Deep Learning in Healthcare” from **Mar 27 to 31, 2023**. Shri Shanthababu Pandian, Project Manager at Cognizant Technology Solutions in Chennai, was the featured speaker during this webinar. “Make-a-Thon 4.0” was a 24-hour intercollegiate event organised by the ISF at the ECE Department on **Mar 31, 2023**. The principal guest at the opening ceremony was Dr D Vijendra Babu, Hony Secretary, IETE Chennai Centre. Dr Ashwin, Motherson Technology, and Dr Arun, Assist Prof in ECE, Panimalar Institute of Technology, were the chief guests at the valedictory ceremony. Dr Ashwin also offered internships to the top three performing teams.
- Dr Suresh, Ex Executive Committee Member, IETE Chennai Centre, inaugurated a new session at **ISF, Velammal Engineering College** (An Autonomous Institution) **Surapet, Chennai**, on **Nov 01, 2023**; The ISF hosted a seminar on “Entrepreneurship Skill, Attitude and Behaviour Development” by Shri Purushothaman.R, Founder and CEO of EPR Labs on **Feb 15, 2023**. On **Feb 20, 2023**, Mr H Abdul Navas, Senior Manager, Overseas-Osprey Academy, organised a seminar titled “Importance of Higher Education Abroad.” On **Feb 25, 2023**, the ECE Department hosted a workshop on Industry 4.0 led by Dr Prakash Mathialagan. The students benefited greatly from learning more about the industry and experiencing the difference between academia and industry. Electrowiz’ 23, a National Level Technical Symposium, was held on **Feb 25, 2023**, with Shri C Balasubramanian, Deputy Manager- GNOC, SIFY Technology, as the Chief Guest. On **Mar 3, 2023**, the ECE Dept hosted a seminar titled “UAV and its Applications” in which Shri Yuvaraj of Skyrider Aero Solutions provided sufficient information about underwater vehicles and their operations and procedures. It was for the III year students. On **Mar 27, 2023**, Dr C Likith Kumar, Asstt Prof at SRM Institute of Science and Technology, delivered a guest lecture on “Mems Sensors and Actuators” at the ECE Dept. The ECE Department’s ISF hosted a Mini Project Technical Competition. The students found it very helpful to learn more about the hardware and project-related views on **Mar 30, 2023**.
- On **Nov 1-3, 2022**, the ISF at the **ECE Department of PSR Engineering College, Sivakasi**, hosted a workshop on “RF Antenna Design with Vector Network Analyzer” with Dr Raguraman Selvaraju, RF Application Engineer at Elmack Engg Services in

Chennai as the resource person. This talk covered antenna types and performance metrics. Students enthusiastically engaged in a Vector Network Analyzer RF antenna design and analysis demonstration. The session benefited 30 students and 6 professors. From **Dec 5-7, 2022**, the ISF held a three-day workshop on ‘Ansys HFSS Software’ for faculty, undergraduate, and graduate students to learn the latest antenna design software. 20 attendees learned Antenna Design Software. On **Dec 21, 2022**, a workshop titled “Essentials of Creative Thinking in Industrial Perspective” was held for IV year ECE students. In his lecture, Shri Jeevanantharaja Selvaraj, Project Mgr at Honeywell, emphasised the importance of creative thinking in an industrial context and described the best practises followed by businesses in terms of creative thinking and idea generation. 122 individuals were helped by the workshop. During **Dec 22-24, 2022**, a workshop on “Signal Processing using MATLAB” was organised for IV year ECE and biomedical students and instructors. Dr K Subramanian, Technical Lead at Entho Technology Solutions India Pvt Ltd, was the workshop’s presenter. He provided hands-on instruction in Signal Processing using MATLAB. 38 students and 13 instructors benefited from the workshop. On **Dec 28, 2022**, another workshop on “Creative Coding with Java” was held, intended for IV year ECE students. Dr Jey Veerasamy, Director, Centre for Computer Science Education and Outreach, Professor of Instruction, Department of Computer Science, Erik Johnson School of Engineering and Computer Science, University of Texas at Dallas, served as the workshop’s resource person. He provided hands-on training in Java Script for creative coding. Another workshop was organized on “Introduction to MATLAB and SIMULINK” from **Jan 12 to 14, 2023**, for students of Biotechnology. Dr P Ranjith Kumar, Prof/ECE, Dr R Meena Prakash, ASP/ECE, Dr G Karthikeyan, ASP/ECE, Mrs K Ramalakshmi, AP/ECE, and Mrs PLingeswari, AP/ECE, were the resource persons for the workshop. The resource persons provided hands-on instruction on the Fundamentals of MATLAB, including variables, arrays, matrices, and conditional statements, as well as Usage with Signal Processing and Image Processing Tool boxes and Exercises on Simulink.

- **ISF at ECE Dept of Panimalar Institute of Technology, Chennai**, organised a number of activities, viz., a guest lecture on “Intelligent Transport System” by Dr D Vijendra Babu, School of Electronic Engineering (SENSE), VIT, Vellore, & Hony Secretary, IETE Chennai Centre was held on **Nov 16, 2022**. On **Jan 9, 2023**, a “Food Fest” aimed at reintroducing the value of our traditional food culture and educating our participants about the significance of food in their daily existence was organized. On **Jan 10, 2022** a “Treasure Hunt” to assess IQ and critical reasoning of the participants was hosted. On **Jan 17, 2023**, a “Photo Contest” was organised, in which participants avidly participated. On **Jan 26, 2023**, ISF organised a “FITFI” Republic Day celebration, it included events like “Kalaivannam” that urged the participants to create a Republic Day-related work of art, to promote drawing skills; a “Slogan Battle” where participants were asked to write Republic Day-related slogans; a “Quiz Contest” to enhance their knowledge; “Truth or Lie” contest to assess participant’s GK skills. The ISF hosted a webinar on “Dev Ops” on **Jan 30, 2023** by Dileep Dayanand Pal, Microsoft Certified Trainer, NEC Software Solutions, Bangalore.

On the occasion of World Cancer Day, a “Quiz Whiz” was held to enhance and test participants’ cancer knowledge on **Feb 04, 2023**. The ISF hosted a “Charge Up” event, where the popular TV shows were displayed in a missing-letter format, and participants were provided hints by means of a short speech. After determining the correct show names, participants posted them in the chat box. On **Feb 13, 2023**, participants learned fundamental information about radio in an entertaining setting. On **Feb 14, 2023**, ISF at ECE Dept organised “Spot the Element” to test the participants’ memories and subject knowledge. On **Feb 15, 2023**, an event titled “Confabulation” was organised to enhance public speaking skills. A “TechMock” was organised in which questions based on technical terms were posed. Questions were presented in picture format, followed by a few questions presented in riddle format. ISF hosted a webinar on “ML & AI” with expert Shri Sabarinath, who discussed the role of data in AI & ML as well as the accumulation of data on **Feb 16 & 17, 2023**. He instructed on how to organise data, how to separate it, how these data function in the backend, etc. On **Feb 24, 2023**, a webinar titled “4 Pillars of Entrepreneurship” was conducted by entrepreneur Shri Rahul Jain. Shri Devashish Khare, Associate Mentor at Geeks for Geeks, lead a workshop on “Getting into the Software Industry” on **Feb 25, 2023**. Dr Sriram Ananthan, Speaker Entrepreneur, Faculty, Author, and Business Strategist, led a discussion on “Talk about Entrepreneurship” on **Feb 26, 2023**. Same day, Ms Deepshikha, Tech Consultant at Accenture Strategy, presented a webinar titled “Consulting Opportunities – How to Approach”. On **Feb 27, 2023**, in honour of World NGO Day, the ECE Dept hosted a “Master Minds.” “Block and Tackle” event was held on Mar 02, 2023. The participants were instructed with words ‘Block’ and ‘Tackle’. And they tackled their speeches in accordance with the instructions provided. On **Mar 02, 2023**, a webinar titled “Entrepreneurship-Opportunities and Challenges” was hosted by Shri Abishek Shaw. Mr Ahmed Sabre, a Mid-Level Front End Developer presently employed by Valinteca and the creator of three JavaScript libraries (saber-toast, saber-print, and saber-translate), presented a webinar on “Discovering Javascript” on **Mar 04, 2023**. Shri R Krishnamoorthy, soft skills trainer, journalist, mentor, and PR professional, was the keynote speaker for “Creating Brand Image for Cracking Interviews” on **Mar 4, 2023**. On **Mar 5, 2023**, Mrs Jyoti Patil, a corporate trainer in Net, presented a webinar titled “Introduction to Net” as part of the Placement series 2023 programme. Shri Prathamesh Kulkarni hosted the webinar on Sql: Needs and Applications for the Placement Series 2023 on **Mar 5, 2023**. Ms S Sowmya, a Digital Marketing trainer, founder, and Managing Partner of Nirguna, presented on Startups in Industry 4.0 on **Mar 6, 2023**. On **Mar 6, 2023**, a webinar on “Entrepreneurship” was hosted by the guest lecturer Shri Raja Suresh, MD & Chairman of Ekalavya Innovative Solutions Pvt Ltd. Dr D Vijendra Babu, Asstt Prof, VIT, Vellore, presented a webinar on “Intelligent Transportation System” on **Mar 7, 2023**. Another technical talk on “Wearable Computing” by the speaker was also delivered on the same date. On **Mar 7, 2023**, Shri Amulraj Savaraimuthu, an entrepreneur, mentor, business coach, and motivational speaker, presented a webinar titled “Key Elements of a Successful Entrepreneur.” On **Mar 8, 2023**, “Women’s Day Trivia” was held in celebration of International Women’s Day. This session

- of “Pronuncia” was designed to assist participants pronounce words more clearly. A webinar on “Women Empowerment in the Software Field” was presented by Ms Indhumathi G, an Accenture Associate Software Engineer. In the session, the speaker discussed the strategies and methods students can use to pass all of their interviews, and she also shared a few insights from her work experience after being hired by a reputable company on **Mar 8, 2023**. Dr Ashwini Appaji, Vice Chair of WIE Bangalore Section, spoke on the topic of “Women Empowerment” on **Mar 9, 2023**, as part of ‘Estrella’, the International Women’s Day celebration. On **Mar 10, 2023**, Katherine Rasley, Grid Connection Specialist at Enel Green Power, USA, conducted a webinar titled ‘Working in Power: Lessons Learned in Early Career Development.’ The following day, Ms Nidhi Banthia Mehta, Founder & CEO of Self-Achiever, gave a presentation entitled “Build a Career as an Entrepreneur.” On **Mar 11, 2023**, Shri Abinav Suman, an entrepreneur, speaker, investor, and former member of the United Nations/International Fund for Agricultural Development (UN/IFAD), hosted a webinar titled “Bursting the Myths regarding Entrepreneurship.” Under “Estrella” the International Women’s Day celebration, the ISF organised a webinar on the topic “Journey of Women in Technology” by Nimra Naem, ASSR at IEEE Islamabad Section, HR atIngenetic laboratories on **Mar 11, 2023**. On **Mar 11, 2023**, Shri Aditya Shukla, a motivational speaker, career counsellor, mentor, and soft skills trainer, assumed responsibility for “Challenges between Opportunities and Talents” under the Placement series 2023 track. Under “Estrella” International Women’s Day Celebration, Dr Bindu Sivasankaran Nair, DEI & ESG Advocate Serial Entrepreneur, led the webinar “Everyday Bottlenecks to Diversity, Equity, and Inclusion” on **Mar 12, 2023**. ISF at ECE Dept hosted a webinar on ‘Entrepreneurship-A Hope for Millions’ by Shri Vanshul Jasuja, Founder and CEO of Vanjas Service LLP International, Delegate/Entrepreneur / Motivational Speaker, on **Mar 13, 2023**. Ms Nirupama Vyas, an entrepreneurship counsellor for working women, TedX Speaker, and healer, presented the webinar ‘Essential Mindset for Young Entrepreneurs’ on **Mar 13, 2023**. On **Mar 14, 2023**, Shri Venkatraman Ramaswamy, an Entrepreneur, Business Coach, and Fitness Enthusiast, presented on “Entrepreneur Mind-Set.” This event, titled “Building Your Personal Brand: Why Self Promotion Matters,” was a part of “Estrella” on **Mar 14, 2023**.” This session’s speaker was Syeda Reeha Quasar. On **Mar 14, 2023**, Shri Kaushik Karan, a senior software engineer at Tech Mahindra, delivered a presentation titled “Use of Python in Data and other Fields.” Shri Krishna Gandhi Pachaiappan, a MOE AICTE Innovation Ambassador, Entrepreneur, Mentor, Speaker, and Co-Founder of Forechip Technologies, presented a webinar titled “Opportunities and Challenges in Social Entrepreneurship” on **Mar 16, 2023**. On **Mar 23, 2023**, the ISF organised a competition titled “Word Connect” to evaluate competitors’ technical proficiency and observational abilities.
- On **Nov 17, 2022**, the ISF at **Birla Vishvakarma Mahavidyalaya Engg College, Vallabh Vidyanagar- Anand-Gujarat**, selected the ISF coordinators and awarded them with certificates and lapel badges in the presence of the principal, Dr Indrajit Patel, Dr Tanmay Pawar-Head and Chairman, Dr JM Rathod FA and Coordinator and Dr DL Vala, FA.
  - **ISF at Shri Vishnu Engineering College for Women (A), Bhimavaram**, the Dept of ECE, organised a talk on ‘The Changing face of Broadcasting’ by Dr D Ranganatham, DDG, Doordarshan Kendra Vijayawada on **Nov 17, 2022**. Faculty and approximately 200 II yr B Tech ECE students attended the programme. The specialist talked about Doordarshan’s coverage of the newest technologies and systems. Using statistical analysis, he began his presentation with the fundamentals of digital modulation and moved on to current trends in the recording and telecasting of Doordarshanprogrammes. Principal Dr G Srinivasa Rao, Vice Principal Dr P Srinivasaraju, HoD Dr K Padmavasavi, and IETE Coordinator Dr P Ravikumar were also present. On **Nov 24, 2022**, another event titled “Hoard Quest” was organised for I & II yr BTEch ECE students. Students participated in a technical treasure search competition to enhance their technical knowledge and skills.
  - **ISF at G Narayanamma Institute of Technology & Science, Hyderabad** organized following activities under the supervision of Shri Y Prakash, Asst Professor, ECE & Dr A Naveena Asst Professor: (i) Technical Quiz on **Nov 18, 2022**. 168 students participated; (ii) Tech Codopuzz comprising two rounds was held on **Dec 9, 2022**. 1<sup>st</sup> round was to solve a Technical Puzzle and 2nd round was about Coding. 50 students competed; (iii) Seminar on, ‘Engineering Applications with Embedded Systems’. 208 students participated on **Feb 09, 2023** (iv) Industrial visits held to ‘ATC AAI Shamshabad’ on **Mar 18, 2023 & Mar 27, 2023**. (iv) Industrial visit organized to “NRSC- Jeedimetla on **Mar 29, 2023**. 106 students participated.
  - **ISF at Modern Education Society’s College of Engineering, Pune** conducted ‘Awareness program on Intellectual Property Rights’ on **Nov 24, 2022**. The online material was provided to students to study and they attended test that had 60 objective type questions. 30 students attended of whom two were declared winners and awarded cash prize.
  - **ISF at Dhyanshree Institute of Engineering & Technology, Satara**, hosted a five-day ‘Bridge Course’ from **Nov 28 to Dec 2, 2022**, with Dr A D Jadhav, the Institute’s principal, serving as the chief guest. The following resource individuals contributed to the implementation of hands-on laboratory sessions- Dr U R More, Vice-Principal, DIET, Satara; Prof S M Patil, HOD (E&TC Engg); Prof A S Jamdade, HOD (Electrical Engg); Prof S H Atre, (E&TC Engg); Prof V J Patil, (Electrical Engg); Prof UB Kharade (E&TC Engg); Prof A H Gaikwad (Electrical Engg); Prof T M Pethkar (Electrical Engg). The primary goal of the course was to bridge the distance between the theoretically/practically studied subjects in the pandemic through online mode and the subjects they are currently studying offline.
  - **ISF at Government Polytechnic Chhotaudepur**, in collaboration with the IETE Vadodara Centre, hosted an event titled “Renewable Energy Sources in Power Generation and Challenges” on **Dec 1, 2022**, under Dr K R Chaudhri, and faculty coordinator, Dr V H Ghanchi. Dr Prakruti Shah, Programme Chair, EEE Department, School of Engineering and Technology, Navrachna University Vasna Bhayli, Vadodara, was the resource person. The webinar focused on the generation mix for supplying the demand of electrical power. All of the limitations of such sources and the

difficulties encountered were discussed. The primary concentration was on the optimal utilisation of these resources. Mentor K R Chaudhri-IcPrincipal; Faculty Coordinator V H Ghanchi, Lecturer Electrical GP Chhotaudepur, and S Y Gandhi- Lecturer Electrical GP Chhotaudepur, led a technical visit to the “State Load Dispatch Centre of Gujarat” on **Dec 17, 2022**. It was a technical study trip to Gujarat’s load dispatch centre. The SLDC manager on site gave the crew an overview of the Indian Power system and their roles as a load dispatch centre. At the conclusion of the interactive session, students were given the opportunity to ask questions and tour the control room. The control room was equipped with numerous screens for keeping tabs on the condition of the electricity grid in Gujarat and the surrounding states. The event provided both students and educators with invaluable learning opportunities. On **Dec 28, 2022**, the faculty coordinator organised another Technical Visit to the “Indian Power Trans Electric utility company.” Another Technical Visit to “Electrical Research & Development Association” was organised by ISF on **Jan 3, 2023**. The first part of the visit consists of a seminar room introduction to ERDA. Seminar taught students to ERDA’s tests and other activities. Following the seminar, students and teachers were given tours of ERDA’s various testing facilities, where they examined everything from materials to energy metres to lighting to protective switchgear. Students also got to see actual employment field tests and learn about different testing IS. On **Jan 20, 2023**, there was a technical lecture titled “Testing of Wires and Cables As per IS” by Prof Mihir A Bhat, Charusat University, Changa. The presentation featured a technical discussion on cable and wire testing. The **Jan 24, 2023**, session focused on “Industrial Automation” for a whole day. The one-day workshop included both theoretical instruction and hands-on practise with systems such as PLCs, SCADAs, and HMIs. On **Feb 2, 2023**, the Electrical Dept of Government Polytechnic Chhotaudepur held a Quiz Competition to test students’ Aptitude and Logical Reasoning in commemoration of IETE Student’s Day. About 40 students were involved and they were given certificates. NEP and technical education were the topics of an elocution contest. The students gave thoughtful presentations on their perspectives of the NEP’s implementation. Department faculty members Shri R M Kanthariya and Shri G G Patel provided final guidance to the students on NEP. Shri S Y Gandhi and the Chief of Department, Shri V H Gandhi, gave closing remarks.

- **ISF at Ramco Institute of Technology, Rajapalayam**, organized a guest lecture titled “Signal Processing and its applications” on **Dec 5, 2022** by Dr S Esakkirajan, Prof Dept of Instrumentation and Control Engineering, PSG College of Technology, Coimbatore. The resource person spoke on signals, systems, filter design, multirate signal processing and applications. Dr S Vairaprakash, ASCP/ECE coordinated the program. Shri K Mukilan and Ms B Jebapriya conducted a Quiz and collected students’ feedback. A technical event “Electra Hackathon” was held on **Feb 10, 2023** for II & III year ECE students. Around 40 students participated in this technical event. The winners of the event were Shri R Karupphasamy, Shri A Dilip Kumar & Shri M Dhinesh. Faculty members Shri B Kannan A P (SG) & Mrs R Ramalakshmi, AP (SG) alongwith students Ms B R Gunaksha, Shri M Yogaraj, Ms G V Dhivyaa & Ms R Amirthavarshini coordinated the event.

- National Energy Conservation Day’ was celebrated on **Dec 14, 2022**, by the **ISF at Gandhi Engineering College (GEC), Bhubaneswar**, in conjunction with the IETE Bhubaneswar. Chief Guest was Prof (Dr) Tapas Kumar Panigrahi, Head of Electrical Engineering at PMEC in Berhampr. Dr Ambika Prasad Hota, Head of EEE at the GEC in Bhubaneswar, oversaw the planning. Principal, GEC, Bhubaneswar, Prof (Dr) A Baradeswaran, opened the meeting. Dr Irani Mazumdar, Assoc Prof, GEC, welcomed everyone and explained the seminar’s purpose. Prof (Dr) KVNS Rao, Director, GEC, gave a speech in which he emphasised the importance of developing sustainable energy sources. Shri S K Brahma (IETE) was also in attendance and provided an update on the organization’s recent initiatives in Bhubaneswar at this occasion. The vote of thanks was proposed by Dr Pravash Ranjan Tripathy, Dean of Academics. More than 114 people showed up. A one-day seminar on “ML & its Applications in Cyber Security-an Intelligent IDS Perspective” was organized on **Dec 16, 2022**. The programme included 16 faculty and 87 students. Prof Kaustav Das, Assist Prof ECE coordinated the programme. The chief speaker was Prof (Dr) Padmalochan Bera, School of Electrical Sciences, IIT Bhubaneswar. Prof (Dr) A Baradeswaran Principal, GEC, Bhubaneswar, gave the welcoming address. Dr Pravash Ranjan Tripathy (Dean Academics) introduced the visitor and explained the seminar’s purpose. An Industrial tour held on **Jan 17, 2023**. Prof Kaustav Das, Prof Himansu Bhusan Mohapatra, HoD, ECE with over 76 students visted Doordarshan Kendra, Bhubaneswar. Prof Bajra Panjar Mishra, Asst Professor, ECE, coordinated the program. Prof (Dr) A Baradeswaran, Principal, GEC, Bhubaneswar, Prof (Dr) KVNS Rao, Director GEC and Dr Pravash Ranjan Tripathy, Dean Academics also encouraged the students. Prof (Dr) Devashree Tripathy, School of Electrical Sciences, IIT Bhubaneswar, was Chief Guest at a seminar on ‘Design Efficient Heterogeneous Systems using Machine Learning’ on **Jan 21, 2023**. The program was coordinated by Prof Kaustav Das. Prof (Dr) KVNS Rao, Dr Pravash Ranjan Tripathy, and Shri S K Brahma, graced the occasion. Prof Himansu Bhusan Mohapatra, proposed vote of thanks.
- On **Dec 16, 2022**, the **ISF at E&TC Dept of RIT, Sakharale, Islampur, Kolhapur**, inaugurated a new session and hosted a lecture on “TI Technologies for DSP Applications.” Shri Kushal, Embedded System Engineer at EdGate Technologies Bangalore, was the event’s distinguished guest. In his presentation, he stated that TI is an original equipment manufacturer (OEM) of analogue, mixed signal, and DSP Integrated Circuits. The presentation commenced with a discussion of Discrete Time Signals and Systems. This was followed by a description of the Z transform’s characteristics. On TMS320C6748 Kit, the fundamentals of digital filter design and implementation were demonstrated. Dr MS Patil, Head ETC Dept, RIT Sakharale; Prof R T Patil, HC, IETE Kolhapur Sub Centre; Dr M S Kumbhar; Dr J S Awati; Prof Ms Santoshi Bhakkte; and Shri Vijay A Patil were among the notable attendees.
- **ISF at ECE Dept of Indus Institute of Technology & Engineering, Rancharda via Shilaj, Ahmedabad**, arranged an expert talk on “Mission Prarambh: India’s Historic Space Launch of A Private Rocket)” by Dr Vinod Kumar, Director Indian National Space Promotion and Authorization Centre (IN-SPACE), Department of Space, Govt of India on **Dec 16, 2022**. Over 40 students & faculties

participated in the online talk. The information on India's space journey & role of In-space was highlighted in the session. Students were given the idea of various research opportunities in the field of space. Prof Nilgun Sengoz from Turkey, led a webinar for Indus University ISF on "Explainable Artificial Intelligence and Deep Learning for Driving Future ICT Innovations" on **Mar 11, 2023**. The event was held in association with IETE Ahmedabad. More than sixty-five people attended the webinar.

- **ISF** was inaugurated at **ECE Dept, Guru Nanak Institute of Technology (GNIT), Khanapur Village, Ibrahimpatnam, Hyderabad** on **Dec 17, 2022** with 76 student members. The Hyderabad region of the IETE Centre provided support and coordination. Following graced the occasion: Dr Niranjn Prasad, Sr Scientist G, Additional Director, Defence Electronics Research Laboratory, DRDO, Hyderabad; Prof NuliNamassivaya, Chairman, IETE, Hyderabad Centre and Assoc Professor, Dept of ECE, MVSR Engineering College, Nadargul, Hyderabad; Shri Ashwani Kumar Sangamker, Ex-DRDO Scientist and Hony Secretary, IETE, Hyderabad Centre; Dr S Sreenatha Reddy, Prinicpal, GNIT; Dr SP Yadav, IETE Coordinator, HOD, Dept of ECE, GNIT besides these Faculty members and large number of students were present. Dr SP Yadav, greeted the dignitaries and emphasised the ISF aspect. Dr S Sreenatha Reddy, Principal GNIT pointed the significance of ISF in building the future of GNIT Students. Dr SP Yadav, HOD, ECE, GNIT outlined activities of IETE. Dr Niranjn Prasad expressed his views. Prof Nuli Namassivaya, Chairman, IETE, Hyderabad Centre illuminated the positive aspects of ISF and explained the benefits of taking IETE membership for students and Faulty members. Shri Ashwini Kumar Sangamker, Hony Secretary of IETE Hyderabad Centre elucidated IETE activities. Shri K SanathKumar, IETE Coordinator, Dept of ECE, GNIT proposed vote of thanks.
- On **Dec 17, 2022**, the **ISF at IT Dept of Dharmsinh Desai University, Nadiad**, hosted a webinar titled "Understanding of Medical Images towards a Robust Anomaly Detection System" by Ms Bhatia Divya from the TCS Research & Innovations Lab in Bengaluru. More than 75 (CE/IT) students attended the webinar. Introduction to medical imaging, preprocessing data anonymization, latest advancements in medical imaging, and the application and role of machine learning in the medical domain were covered. The ISF hosted a second webinar titled "ChatGPT for Engineer" on **Mar 11, 2023**. Speaker on the occasion was Mr Mohammad Husain Bohara, Team Leader & Senior M L Engr, Vebuin Pvt Ltd, Ahmedabad. Experts from the industry were invited. Approximately 67 students from various departments participated and learned about a variety of tools/technologies/resources/websites used for subsequent configuration and implementation. On **Mar 18, 2023**, an expert webinar titled "AI-Powered Recommendations & Search Systems" by Mr Fenil Booch, Data Scientist, Rapidops Inc, Ahmedabad, was held. Experts from the industry were invited. Approximately 61 students from various departments participated in the webinar.
- The Dept of Electronics and Telecommunication of **Shree LR Tiwari College of Engineering (SLRT CoE), Mumbai**, in collaboration with ISF, hosted a one-day workshop titled "Hands on FPGA" on **Dec 19, 2022**.
- **ISF at ECE Dept of Hindustan Institute of Technology and Science, Chennai**, organized a two-day Faculty Development Programme on "Ansys Tools capabilities for upcoming Wireless Communication Technologies" by Shri R Shashikumar, RF Design Engineer, Entuple Technologies, Bengaluru on **Dec 19-20, 2022**. Around 135 people attended.
- **ISF at Department of Electrical & Electronics Engineering, Adamas University, Kolkata**, organised an Industrial Guest Lecture cum faculty training session on "Understanding the 5G from an Indian Engineering Outlook-Opportunities and Threats". Shri Chanchal Charaborty, CEO, ATMI Pvt Ltd, delivered this guest lecture on **Dec 22, 2022**. The guest talk began with 5G history and examples. The expert then explained how 5G evolved from 1G, 2G (voice primary), 3G (voice primary), and 4G (video and data added as value-added Service- Voice over IP). The speaker first contrasted 4G and 5G networks in latency, battery life, requirement, and applications. The speaker then discussed how 5G enables precision farming, drone technology, enormous IoT, etc. The guest speaker then discussed cloud, edge, and fog computing. The speaker advocated for mm-wave, massive-MIMO, and smart and active antenna technology with beam forming. Beam forming and massive-MIMO technology were justified by comparing 4G and 5G user interference reductions. Polarisation, delay, power density, and antenna gain were discussed. SAR, NVF, SDN, and SDC were discussed. The GOI's 350 mW/m<sup>2</sup> power density was also discussed. Finally, during the question-and-answer session, the guest speaker discussed internship and job opportunities at Jio, ATMI, and related skills for new engineers. Online and offline participants gave the event rave reviews.
- **ISF at Sinhgad Academy of Engineering, (SAE), Pune**, organised a webinar on 'Contribution of Today's Science & Technology in Our Lives' on **Dec 23, 2022** for students enrolled in Atal Tinkering Lab in the schools they attend. Principal of BVM Ambphalla, Jammu, and BVM, Hiranagar, Pakistan-Occupied Kashmir Border, was the Chief Guest. Shri Pradip Sinha, Coordinator of Science and Technology for Jammu and Kashmir, attended the event. Among the topics discussed were electric vehicles and online banking. Under the direction of Prof Sneha Sapre, ISF Sinhgad Academy of Engineering organised the seminar. Shri Nagesh Chavan delivered a lecture titled "Importance of Soft Skills & Personality Development" on **Mar 2, 2023**. The talk was organised by the Department of E&T, SAOE, Kondhwa, in collaboration with the IETE Pune Centre. Principal and Vice-Principal of the College attended. Students became aware of the impact that highly developed soft skills have, on career advancement.
- **ISF at Anand International College of Engineering, Jaipur**, in conjunction with IETE, ISF, Anand-ICE, Jaipur, hosted a four-day lecture series on "Programming for Data Sciences" from **Jan 3, 2023** to **Jan 6, 2023**. Dr Nitesh Pradhan of Manipal University in Jaipur provided his insights on the subject. Vice-Chairperson of Institute Mrs Monika Mittal Agarwal, Institute's Principal Prof Vijay Kumar Sharma, and Vice-Principal Prof Praveen Agarwal were present at the event. Shri Vivek Bhojak, IETE, Faculty Coordinator of the Students' Chapter Anand -ICE in Jaipur, oversaw the program. On **Jan 21, 2023**, ISF held a one-day hands-on workshop on "3D

Printing” at Anand International College of Engineering in Jaipur. The resource person was Shri Prashant Kumar, Anand ICE, Jaipur, who shared with the students their views on the aforementioned topic as well as how to use 3D Printing for designing various images, why they are essential, and their applications. On **Feb 17, 2023**, a one-day International Seminar entitled “Higher Education and Research Opportunities & Conversion” was held. Prof Fordyce Davidson (Deputy Dean at University of Dundee, UK) shared his thoughts on the subject and described the various courses, scholarships, and other facilities available to students at University of Dundee, UK after completion of the BTech program. ISF observed “National Science Day (NSD)” on **Feb 28, 2023**, under the direction of Dr Manu Sikarwar, Assistant Director Academic, Department of Higher Education, Former Project Director, Department of Science & Technology (DST), Government of Rajasthan. The following events were held on this date: 1) A guest lecture 2) Project Exhibit and 3) Technical Quiz. Approximately 46 initiatives were presented, and 178 people attended the program.

- On **Jan 8, 2023**, the ISF at **Dept of ECE at Pragati Engineering College, Surampalem, Kakinada, Andhra Pradesh**, in collaboration with IETE Centre Kakinada, hosted a co-curricular event in honour of Dr Stephen Hawkings’ 80th birthday. Online Quizzes, Essay Writing, and Articulation were administered in this context. There were 219 students registered for these competitions in total. There were 213 participants in the online exam, 170 responses to the essay question, and 158 responses to the articulation question. Prize distribution ceremony was attended by the Director from Management, Principal, HoD, IETE coordinator from Kakinada Centre, Fellow member of IETE, and students. The Director of Pragati Engineering College spoke to the students about “Research and Innovation in Science. This special occasion honoured the contributions of Stephen William Hawking, including his theory of exploding black holes, which impacted both relativity theory and quantum mechanics. It also highlighted Mr Hawking’s work with space-time singularities.
- ISF in association with Advanced Image Processing Cluster and IIC Institution Innovation Council (IIC) of **Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore**, hosted a Google Meet webinar on “Applications of Image Processing” on **Jan 10, 2023**. Prof (Dr) M Meenakumari, Sri Ranganathar Institute of Engineering & Technology, Athipalayam, Coimbatore, was the resource person. Dr A N Jayanthi, Assoc Prof/ECE, ISF Coordinator, greeted everyone. Mr S Muanf, Asstt Prof /ECE, introduced the resource person. The resource person explained image processing applications. She also discussed picture processing steps and project possibilities. Ms A K Kavitha, Asstt Prof (Sr Gr)/ECE, proposed the vote of thanks. This program helped 50 II & II yr EC Students. On **Jan 25, 2023**, a seminar entitled “Extract Transform and Load (ETL): Data Warehousing (DW) Project Management” was held. Shri S Balamurugen, Project Mgr at Tata Digital Services, Coimbatore, was the program’s resource person; he clarified the concepts of Warehousing, discussed the stages involved in project management and the scope of projects that can be executed in this area. Interacting with the resource person, students clarified their questions. Approximately 40 II-year ECE students participated in

this program and benefited from it. IETE Students’ Day 2023 was commemorated with a student-centric activity. On **Feb 8, 2023**, Ms R Madhumitha, Embedded Developer, Emglitz Technologies, Coimbatore, led a workshop titled “Hands on Training Using Arduino UNO” in conjunction with ISF. Dr D Binu, Assoc Prof/ECE, opened the meeting with a welcome. The resource person was introduced by Dr A N Jayanthi, ISF Coordinator and Assoc Prof/ECE. The resource person provided concise explanations of Embedded Systems and hands-on instruction using Arduino UNO. Interacting with the resource person, students clarified their questions. Shri S Thiyagarajan, Asstt Prof/ ECE, proposed the vote of thanks. Approximately 50 II-Yr ECE students participated in this program and benefited from it. During the program, the President IETE message for Students’ Day 2023 was read out.

- ISF hosted an online quiz event at **COEP Technological University, Pune**, exclusively for COEP Tech University students on **Jan 26, 2023**. The Republic Day quiz was conducted to honor and celebrate the nation’s 74<sup>th</sup> Republic Day as well as its rich history, culture, and achievements. The patriotic quiz on the “Indian Constitution and History of the Indian Republic” was organized. Around one hundred COEP members participated in the competition and all were awarded certificates.
- **ISF at ECE Dept, Vidya Jyothi Institute of Technology (VJIT), Hyderabad**, organized a seminar on “**Test and Testability of VLSI Circuits**” on **Jan 30, 2023**. A total of 175 students from III, IV Year and 12 Faculty Members participated. The dignitaries present were the Dir Dr E Saibaba Reddy; Principal Dr A Padmaja and Resource person Dr M Asharani, Prof in ECE, JNTUH; Dr S Thulasi Prasad, Prof & HOD, Dept of ECE, VJIT. The ISF organized another seminar on “Antenna Arrays and Smart Antennas” on **Feb 09, 2023**. A total of 171 students from III, IV Year and 25 Faculty participated. Dr E Saibaba Reddy, Dr A Padmaja and resource person Dr PVD Somasekhar Rao, (Retd) Prof & Dir, JNTUH, Dr S Thulasi Prasad, were present. The seminar covered definition, fundamental parameters of antenna, classification of antennas based on their radiation pattern such as omnidirectional antenna, isotropic antenna and directional antenna. The gain and directivity of the antenna and the factors that affect them were discussed in detail. Effect of factors such as configuration of antenna array, inter-element spacing, and amplitudes of the input signals applied to individual elements explained. Creation of smart antennas as a combination of an antenna array and signal processing unit was discussed very interestingly with real time examples and applications.
- **ISF at Department of EECE, Gitam School of Technology (GITAM), Visakhapatnam** observed IETE Students’ Day by organising an Engineer Premier League (EPL) for II & III yr students from **Jan 30 to Feb 2, 2023**. The League was governed by the HoD, Professor JB Seventline, and the IETE faculty advisors, Dr S Neeraja, Shri KV Satya Kumar, and Dr P Raju. The first-day event was a nontechnical game dubbed “Human Tic-Tac-Toe,” which was played by nine teams of five people on topics such as movies and general knowledge. The second day consisted of a technical game in which students were assessed on their coding abilities with a twist. The queries pertained to numerous ECE-related topics. On the

third day, both technical and non-technical games were conducted concurrently. The technical challenge consisted of designing a circuit using the online simulator. The non-technical game consisted of a draw-on-back challenge and a culinary challenge. Treasure hunt's championship title was awarded to a third-year ECEAIML student on the final day. The championship was awarded to third-year ECEAIML students, second-place went to third-year EECE - E section (VLSI/IOT/EE), and the fair play award went to second-year EECE 2B section students.

- **ISF at Dept of ECE, Care College of Engineering, Thayanur, Trichy**, organised a five-day workshop on Automation: Impact of Internet of Things from **Jan 30 to Feb 3, 2023**. Students learned about Internet of Things (IoT) principles, terminology, IoT system components like sensors, actuators, and more, and had hands-on experience with Arduino, which creates interactive platforms. Independently designed, coded, and built IoT products. This programme taught students about IoT's scope, trends, and careers. Dr J Jeyarani, HoD of ECE, inaugurated and introduced the workshop to students on Day 1. She stressed IOT's importance across engineering. Students presented their workshop topics and projects on Day 1 and 2. Day 3 was C and Python programming in IOT software/devices with Mr Mohammed Nizarudeen of CSE. They learned coding and programming skills for the next hands-on session. Day 04 Mrs R Vanitha, Assist Prof/ ECE, introduced Arduino/IOT, followed by Mrs R Deepalakshmi's hands-on session. The session was helpful and included basic examples and micro projects. Industrial visit at NIT Trichy's CoE in Manufacturing concluded Day 5 of the workshop on **Feb 03, 2023**. The technical staff of CoE in Manufacturing led morning session of Day 5. They explained ESP32 modules and visited all the CoE in manufacturing lab facilities in afternoon session. On **Jan 31, 2023**, the ISF was officially inaugurated by the Dept of ECE at CARE College of Engineering. Principal Dr S Shanthi and the dean, Dr A Pasumpon Pandian, greeted the group and urged the students to participate in all the activities organised by the various societies in their addresses. After the opening ceremony, Shri Muthukumar Ramalingham, Founder & CEO of Dextrasy & Hello leads, Trichy, delivered an address entitled "Emerging Trends in Electronics and Communication for a better tomorrow." ISF Coordinator, Dr J Jeyarani introduced the newly elected members of the IETE Student Forum to the assemblage, and they pledged to lead the students in the various activities throughout the year.
- **ISF at MIT-ADT University, Loni Kalbhor, Pune**, in association with IETE Pune Centre and IEEE Educational Society Chapter Pune Section, organized social and humanitarian, academic activities on **Feb 03, 2023**. Prof Dr Virendra V Shete, Director, MIT School of Engineering and Science, Chairman, IETE Pune Centre, and Chair, IEEE Edu Society Pune, was the Chief Guest at the event. In his address, he briefly discussed the activities of the IETE Pune Centre and the requirements for various social and humanitarian activities to be conducted. Shri Adwait Sawarkar explained Sustainable Energy through his presentation. Prof Dr Dhananjay Upasani, Head ECE Dept, MITSOES, EC member IETE, and Shri Harishankar K, Product Manager, Yokogawa, Bangalore, were also present. To fulfill humanitarian responsibilities, the following programs were established: A visit to Old Age Home and distribution of grocery items and weighing scale; Donation of cupboard and distribution of snack items to special children school; a webinar on Optical & Power Measuring" by Shri Harishankar K, Product Manager, Yokogawa, Bangalore; Copyright Drive in which a total of 29 copyrights were registered by faculties and 2 by ECE department students.
- On **Feb 6, 2023**, the **ISF of Mepco Schlenk Engineering College in Sivakasi**, celebrated IETE Students' Day. Dr R Shantha Selvakumari, senior professor and Head ECE, organized the event. ISF incharge Dr A Kamaraj, ASP/ECE and Mrs V Gnanalakshmi, AP/ECE coordinated the program. Ms J Kanishka Shree, ISF Member, delivered the welcome address. Ms C Bushkala, Secretary ISF, delivered the IETE Students' Day message. A number of events, including Technical Paper Presentation, Eucritic circuits, Digitalify, Cognitaire, Cryptographic coding, and Best Manager, were held. More than 40 ISF members took part in the events. In the Paper Presentation, 12 technical papers from various trending electronics and telecommunications and its applications were selected and presented. Shri G Sivasankar, AP (Sr G)/ECE, judged the presentations. Dr G Indumathi, Prof/ECE, Dr A Kamaraj, ASP/ECE, and Mrs V Gnanalakshmi, AP/ECE, coordinated the valedictory function. The event's champions and participants received their certificates during the closing ceremony. Shri G Sathya Narayanan, member ISF, delivered the closing remarks. Winners were: Paper Presentation- Aarthi Leshmi. T & Harshini P; Eucritic Circuits (Analog Circuits)- Abi Mugeswaran M; Cryptical Coding- Satheesh K; Cognitaire (Quiz)- Sankara Gomathi S & Ramasabitha.N; Digitalify (Digital Circuits)- Dhanu Priyan PC, & Kevin Silva A; Best Manager- Abirami B S.
- **ISF at ECE Dept, KS Rangasamy College of Technology, Tiruchengode**, organised seminar on 'Product Design and Manufacturing Engineers Perspective', where Dr P Babu, Prof/ ECE and Shri S Jayamani AP/ECE were coordinators. Seminar was conducted on **Feb 10, 2023**. The seminar provided insights into the unique perspectives that both product designers and manufacturing.
- The Dept of ECE, **ISF at Pranveer Singh Institute of Technology, (PSIT), Kanpur**, hosted a lecture titled "IOT-based Autopilot for Flight Control System" on **Feb 10, 2023** in conjunction with the IOT technical club. The resource person was Shri Rahul Yadav from Techeagle Innovative Private Limited. On **Feb 11, 2023**, ISF organized a program titled "Nutrition awareness" in conjunction with the social club "Prayas." Dr Poonam Jaglan discussed the significance of nutrition in our daily existence.
- **ISF at ECE Dept, Anil Neerukonda Institute of Science & Technology, (ANITS), Visakhapatnam**, organized a guest lecture by Dr P Sreehari Rao, Prof & HOD, ECE Dept, NIT, Warangal for the benefit of ECE students on "Recent Trends and Opportunities in IC Design" on **Feb 11, 2023** in association with ACES & VLSI Club. The speaker elaborated on IC fabrication for IoT applications as well as design opportunities for analog signal processing. He emphasized the significance of pursuing a research vocation in VLSI IC fabrication. ANITS III- IV yr ECE students participated. Prof B Jagadeesh, HOD ECE, Prof G Manmadha Rao, Head Placements, Prof V Rajya Lakshmi, Head Academics, and faculty members of ANITS honoured Dr P Sreehari Rao. On **Feb 17, 2023**, the ECE Dept,

ANITS ISF, and ACES bodies, hosted a one-day drone workshop. This workshop was organized to expand students' knowledge of drone technology in their respective fields. The resource person was Shri Likhitreddy Gurubilli, R&D Engineer and Dir of Yamini Infinite Drones. 207 students participated in this activity.

- A new ISF was inaugurated at the **Dept of ECE, Aditya Engineering College (A), Surampalem**, on **Feb 11, 2023**. Dr B T Krishna, Prof, JNTU Kakinada and Chairman, IETE Kakinada Centre, the Chief guest inaugurated the ISF. This was followed by an inaugural lecture on "Recent Trends in Electronics and Communication Engineering". Currently 310 number of students enlisted as student members.
- **ISF at ECE Dept, Vignan's Institute of Engineering for Women, Visakhapatnam**, conducted a one-day guest lecture on "Career Guidance for ECE Graduates" in NAVITAS-2K23 with Dr K Babulu, Director for Research & Development, JNTU Vizianagaram during the function of **Feb 14-15, 2023**.
- As part of IETE Students' Day celebrations on **Feb 14, 2023**, ISF at **ECE Dept, Budge Budge Institute of Technology (BBIT), Kolkata** hosted a special lecture on 'Post-Pandemic Opportunities for Entrepreneurs' by Dr Prabal Chakraborty, Assoc Prof Dept of MBA, BBIT. Mrs Kakali Sengupta Das, Head of ECE, welcomed the group and read the message from the IETE President. Dr Bhabes Bhattacharya, Director General-Academics, addressed the audience with a brief discourse on entrepreneurship awareness. Prof (Dr) Narendra Nath Jana, Dean of Academics at BBIT, delivered an address centered on the IETE's function in developing student skills and experience on a national platform. Prof (Dr) Siladitya Bandyopadhyay, Dean of Students' Welfare at BBIT, emphasized the significance of communication skills by stating that it is the first and most crucial skill that must be possessed in the modern industrial world. The program concluded with a vote of thanks from Dr Sumanta Bhattacharyya, Coordinator of ISF-BBIT, as well as numerous promises and expressions of optimism for the future. He expressed thanks to all dignitaries, faculty members, the speaker, ISF members, and students in attendance at the meeting.
- **ISF at the ECE Dept of Sri Sairam Engineering College in West Tambaram, Chennai**, hosted a webinar on "Technology Readiness Level and Commercialization of Project" presented by Shri Harish Kumar K G, Search Engine Optimization Specialist-Digital Marketing at Kissflow, Chennai on **Feb 15, 2023**. Shri Aswin Seshadri Krishnan, Head of Embedded Practice, Motherson Technology Service Ltd, Chennai, presented a seminar titled "Recent Trends and Job Opportunities in Embedded System" on **Feb 17 2023**. On **Feb 21, 2023**, an event titled "Business Model Pitch" was conducted, at which participants were required to present their business plans for academic projects in front of a panel of judges in order to gain real-world experience and knowledge of the market and business scenarios. On **Feb 21, 2023**, an "Alumni Talk - Skill Rack Awareness Talk" was held with the Chief Guest Ms Pavithra M Associate Developer Expeditors IS Global Service Center (GSC). On **Feb 28, 2023**, a quiz was administered to commemorate IETE Students' Day and National Science Day. Approximately 150 students were involved. On **Mar 16 2023**, the symposium "Zenista" was held, and the Chief Guest was Dr J I Sylvia, Head RIS, DDRSD/SFG/RDTG IGCAR Kalpakkam, and Shri Augustine David, Senior Project Manager, Infosys Ltd. On **Mar 21, 2023** Dr A Rajan Babu, Director, Human Resources at Arghaa HR Technologies, Chennai, gave a presentation titled "Tips and Tricks for Your Next Life after College."
- **ISF at ECE Dept at KCG College of Technology, Karapakkam, Chennai**, organized a one-day Faculty Empowerment Program on **Feb 18, 2023** on topic of "Telemedicine and Health Care Research" by Dr Sunil Shroff, Senior Consultant – Urologist, Madras Medical Mission, Chennai President – TSI, TN Chapter.
- **ISF at ECE Dept, Coimbatore Institute of Technology (CIT), Coimbatore** conducted a hands-on training session on 'Machine Vision using LabVIEW on **Feb 24 & 27, 2023**. A Machine vision system is a type of technology that enables a computing device to inspect, evaluate and identify still or moving images. It uses sensors, processing hardware and software algorithms to automate complex visual inspections and tasks and precisely guide handling equipment during product assembly. Dr S Uma Maheswari, Professor and Head, Department of ECE, Coimbatore Institute of Technology, Coimbatore, delivered the Presidential address. Dr B Bhuvaneshwari & Dr P Satheesh Kumar, Asst Professors, ECE supervised the training.
- On **Feb 24, 2023**, a new ISF opened at **Ashok Gujar Technical Institute's, Dr Daulatrao Aher College of Engineering, Banawadi Extension, Vidyanagar, Karad, Maharashtra**. Prof R T Patil, Chairman of the IETE Kolhapur Sub Centre, was invited the event's the main guest. In his address, he spoke to students about the advantages of establishing the IETE Students Forum. He encouraged students to select innovative projects and awarded them with information on funding schemes for their implementation. Dr A M Mulla, Principal, DACOE, Karad; Dr M S Patil, HOD E&TC, RIT, Rajaramnagar; Dr M S Kumbhar, Assoc Prof RIT, Rajaramnagar; Shri H M Kumbhar, Vice Principal, DACOE, Karad; and Dr S R Patil, HOD E&TC, DACOE were also in attendance. Dr A M Mulla and Dr S R Patil also addressed students and encouraged them to coordinate a variety of events through the ISFs. Members of ISF students were honoured on this occasion.
- As part of the IETE Students' Day celebrations on **Feb 24, 2023**, the **ISF at the Ambala College of Engineering and Applied Research, Ambala**, administered a GK/Aptitude Test. Dr Kamal Kumar Sharma, the college's principal, attended the event. 37 enthusiastic students from various departments participated in this event. First, second, and third places went to Dheeraj (BTech 1<sup>st</sup>Year CSE), Srishti Raj (BTech 2<sup>nd</sup> Year CSE), and Sumit (BTech 2<sup>nd</sup>Year ME), respectively. Dr Kamal Kumar Sharma, College Principal and IETE Fellow, congratulated the winners and offered words of encouragement to all other participants and event organizers. The awardees were also congratulated by Dr Mukesh Kumar, Dean of Academics, and Gp Capt C S Sharma (Veteran), Registrar of Ambala College of Engineering and Applied Research. The winners of this competition received a trophy and a certificate. Also receiving certificates were the event's organizers and all other participants. During this occasion, Dr Vijay Kumar Anand, ISF coordinator and HoD, ECE, provided an overview of ISF's goals and read a message



from Prof (Dr) V Gunasekhar Reddy, President of the IETE. This event enhanced students' general knowledge and aptitude. Er Manpreet Kaur, Assistant Professor in the ECE Department, delivered the closing remarks.

- **ISF at the ECE Dept of Jeppiaar Institute of Technology in Sriperumbudur, Chennai**, organized a series of talks/lectures under the title called "Athena" to commemorate International Women's Day. On **Feb 24, 2023**, 40 members attended "Research and Innovation for Women Empowerment" presented by Dr Celia Shahnaz, a professor at the University of Engineering and Technology in Bangladesh. "Women Health and Safety Measures" was conducted by Chief Guest Dr Supriya Kumaravelan, International Speaker/Leadership Coach / Softskill Trainer, on **Feb 27, 2023**; "Women Empowerment and Building Life Skills" by Chief Guest Ms Thulasi Manogaran, CEO of Giant Leap / NLP Practitioner / Trainer / Coach / Therapist on **Feb 28, 2023**; "Executive Leadership" by Chief Guest Dr Preeti Bajaj, Vice Chancellor, Lovely Professional University, Punjab, Vice Chair Member Activities Committee, IEEE Region 10, on **Mar 01, 2023**; "Women & Technology" by Chief Guest Shubhangi D C Prof, VTU Kalaburagi/Governing Council Member IETE, New Delhi on **Mar 02, 2023**; "Future is Female" by Chief Guest Ms Selvapriya Kanabiran, GM Project Management/Technipenergies India Ltd, Chennai on **Mar 02, 2023**; On **Mar 06, 2023**, ISF at ECE Dept organized a "Pinpoint" The event included genre-specific queries, such as comedy, thriller, and fantasy, to encourage students' creativity. On **Mar 11, 2023**, a webinar titled "VLSI Design" was hosted by guest speaker M Ramya from Data Science at University of Greenwich. The ECE Dep of the ISF hosted "Route Mystery." As the name implies, connecting the images reveals the concealed journal-related word, this event was organized on **Mar 16, 2023**. The "Enigma" puzzle game was conducted on **Mar 18, 2023**. ISF at ECE Dept. arranged an electronics-related Quiz through "Catechize" on **Mar 21, 2023**. Prof M Mande, guest speaker, and Dean Sudhakar S. Administration, Department of Electronics and Telecommunication, organized a webinar on 'Artificial Intelligence' on **Mar 25, 2023**. On **Mar 28, 2023**, a musical event titled "Spark up bring" was organized. On **Mar 31, 2023**, the ISF at the ECE Dept hosted an online event titled "Dijas" for jumbled words and sentences related to electronics and the signal system.
- **ISF at ECE Dept at Dr MGR Educational and Research Insitute, Maduravoyal, Chennai** organized SILICON'23, 7<sup>th</sup> National Conference, on "Virtual Reality Technology in Cognitive Applications", which was attended by 225 members on **Feb 27-28, 2023**.
- On **Feb 28, 2023**, the **College of Engineering in Aranmula, Trivandrum**, inaugurated a **new ISF**. Prof Renjini R IETE Staff Coordinator greeted all distinguished guests. Principal of CE Aranmula, Dr Indhu P Nair, delivered the presidential address. The eminent dignitaries present on occasion were: Dr K Gopakumar, Chairman, IETE Trivandrum; Prof Radhakrishnan Nair, Former Hony Secretary IETE Trivandrum; Er Venu A V, AGM BSNL, Ranni; Sri Thomas Varghese, EC Member, IETE Trivandrum Centre; Dr R Pradeep, Prof, CET, Hony Treasurer, IETE Trivandrum Centre; Sri R P Nair, EC Member, IETE Trivandrum Centre; Dr

Rajesh M V, IETE Vice Chairman, Kochi Centre. The inaugural address was delivered by the Centre Chairman, who emphasized the significance of skill development and technical advancements that students could attain throughout their academic careers. Sri Venu A V delivered an outstanding lecture on Emerging Trends in the field of Telecommunications. Also conveyed the new BSNL initiatives and technical trends in the field of communication. Among the other expert speakers were- Sri Thomas Varghese, Dr R Pradeep, Sri R P Nair, and Dr Rajesh MV. The students were able to comprehend skill acquisition and technical understanding. Students' IETE membership certificates and ID cards were also distributed during the meeting. Students and faculty members from the CSE, EEE, ECE, and CE departments were present to ensure the success of the program. The ISF members and Shri Dileep D, ECE trade instructor, demonstrated a low-cost hearing aid made from electronic refuse. The program concluded with a vote of thanks from Kavya Mariah Simon (ISF AEC, Chair) and the playing of the national anthem.

- A **new ISF** was inaugurated at **Sagar Institute of Science Technology & Research (SISTec-R), Bhopal** on **Mar 3, 2023**. The dignitaries on the dais were: Director, SISTec-R, Dr Jyoti Deshmukh; Principal, SISTec-R, Dr Manish Billore; Chief Guest, Shri Pavan Kumar Jain, ITS, DDG (Telecom) BSNL, Govt of India; Guest of Honour, Dr Vikas Shende, Principal Scientist, MPCST, Bhopal; and the programme Chair, Dr Poonam Sinha as special guests, Shri Anil Kosle, AGM BSNL, Bhopal; Shri Narendra Netty, SDE BSNL, Bhopal; and Dr Neha Shukla, Asst Professor, UIT, Barkatullah University, Bhopal also attended the event. Principal SISTec-R addressed the assemblage with a welcome address in which he discussed the significance of ECE students' association with the IETE society. Prof Samrat Ghosh, AP ECE Dept & Faculty Co-ordinator ISF, then gave the students a concise introduction to IETE and discussed the organization's history and various activities with which they can become involved. In her address, Group Director Dr Jyoti Deshmukh congratulated the Dept and advised the students on how to prepare for their future careers as electronics and communications engineers. In his address, the Chief Guest Shri Pavan Kumar Jain advised the students to strengthen their essential competencies by focusing on the fundamentals of physics and electronics engineering. He emphasized the importance of mastering the art of communication and enhancing linguistic skills. His speech centered on the importance of having faith and patience to achieve success in life. In his address, the Guest of Honour, Dr Vikas Shende, congratulated the ISF on its inauguration and wished them well for the future. Then, Dr Poonam Sinha, the Program Chair, spoke about the IETE and the significance of adding students to the Forum in her address. She elaborated on how this addition bridges the divide between academia and industry. She also summarizes the event's lessons and motivates the students for their forthcoming challenges in life. Later the Chief Guest distributed I-Cards, membership certificates, and batches to Shri Gaurav Sahu and Shri Raushan Kumar Gupta, Students Coordinator, ISF, SISTec-R, Bhopal, for all registered students. Following that, the dignitaries were felicitated with a token of appreciation and remembrance. Prof Harvinder Singh Saluja gave the note of thanks.



- The **IETE Forum**, IIC, IESA, and e-Infochip, in collaboration with Saptarshi Academy, hosted a seminar titled “VLSI Opportunities and Challenges” at the **LDCE ISF** on **Mar 3, 2023** in the Bhaskarcharya auditorium of the **EC Dept** at **Lalbhai Dalpatbhai College of Engineering, Ahmedabad**. This event’s speaker was Shri Pinakin P Thaker, senior scientist, ISRO. Dr C H Vithalani, HoD ECE Dept along with other faculty members and more than fifty students, attended the session. On **Mar 12, 2023**, the **LDCE ISF** enrolled six new students in the EC Dept. On **Mar 13, 2023**, the LD-ISF, in conjunction with the LD Alumni Association, IIC, hosted an expert session on DSM Technology–Signal Integrity Challenges & Solutions. Shri Chetan Shingala was the event’s keynote speaker. Ex-Customer solution Architect at Sibrige Technologies (Softnautics) and Senior ASIC verification Engineer at eInfochip -Arrow Devices, he is currently the Director of Software Engineering at Cadence Design System. Director of the EC Division over sixty students attended this event.
- **ISF** at **ECE Dept** of **Rajalakshmi Engineering College, Thandalam, Chennai**, organized a guest lecture on “Internet of Medical Things – Revolutionizing Healthcare” by Dr D Vijendra Babu, Hony Secretary, IETE Chennai Centre, Asst Professor Sr Gerade, School of Electronics Engineering, Vellore Institute of Technology, Vellore on **Mar 07, 2023**.
- **ISF** at **Trinity College of Engineering & Research, Pune**, in collaboration with the IETE Pune Centre, hosted the “TECHNOWAVE 2K23 Poster Expo” for the ECE students of the college on **Mar 14, 2023**. The purpose of the poster competition was to provide an opportunity for undergraduate students to present their project ideas and receive valuable feedback from academicians and industry professionals in the E&TC domain. The main theme was subdivided into a number of subthemes so that students could present their project concepts in their respective areas of specialization, such as VLSI and embedded systems, signal processing, communication networks, and telecommunication. In this Poster Expo, SE, TE, and BE (E&TC) students presented their project concepts. Shri Bhushan Botre, a Senior SAP Consultant at TCS, was invited as the Chief Guest, and he enlightened all the participants with his motivational words regarding the opportunities for innovative and research-oriented work, as well as the industry’s vast potential. In her opening remarks, Prof Mrs Pratibha Chavan encouraged students to invest in themselves, which is the greatest investment one can make. It will not only enhance your life, but the lives of everyone around you as well, she said. Dr Auti, principal of TCOER, stated that such poster competitions are beneficial for the self-development of students. Dr S M Handore, HoD (E&TC), praised students for their active participation in the Poster Expo; participant feedback was outstanding. Shri Amol Bhosale, the IETE coordinator, has assured participants that such sessions will be held regularly in conjunction with the IETE Pune Centre. Ms Ashwini Deshmukh, the event coordinator, proposed vote of thanks.
- **ISF** at **Dept of ECE, SRM Institute of Science and Technology, Vadapalani, Chennai** organized an awareness program titled “A Journey into Startups” with the resource person Shri Akash J, CEO, ATUMX Innovations Private Ltd, on **Mar 27, 2023** and was attended by 185 members.

## OBITUARY



**Shri Kishor Ramhari Shende (F- 024228)**, former Chairman and Honorary Secretary of the IETE Pune Centre, sadly passed away in Pune on 13<sup>th</sup> Feb 2023 as a result of an extended illness. He served as Chairman of the IETE Pune Centre from 2018 to 2020, and as Hony Secretary from 2012 to 2016. He had over 46 years of Electronics and Telecommunication engineering experience. He received a Bachelor of Engineering in Electronics and Telecommunications from College of Engineering, Pune, and a Master of Technology in energy science from Pune University in 2011. He served as an Energy Auditor and Consultant for energy-saving initiatives.

His professional experience includes serving as Zone Manager and Head of Calibration for the West Zone of India at Bharti Airtel, as well as completing six power-saving initiatives at telecom sites. From 1974 to 1983, he was a senior engineer at Electronics Corporation of India. He was the first ECTV dealer in the Pune area. He was a multifaceted individual who utilized his technical expertise to manufacture Stabilizers, TV boosters, TV antennas, Emergency lanterns, Inverters, and regulated power supplies. Additionally, he served as a trainer for the following projects: optical fiber network initiatives, quality aspects in fiber optics, rooftop PV systems, and hybrid power supplies.

He was an exemplary man who was always eager to lend a hand. **IETE prays that God gives his family the fortitude to deal with this unimaginable tragedy.**



**Prof J V Dave (F051034L)**, one of the pillars of IETE Ahmedabad Centre, left for heavenly abode on 20<sup>th</sup> April 2023. He was LEC member of IETE Ahmedabad Centre during 1989-91 and 1999-2001, Hony Treasurer in 1991-92 & 2001-04 and Chairman of IETE Ahmedabad Centre during 2004-2006. He contributed significantly in various IETE activities like ATC, zonal seminar, symposium, workshop and encouraged faculty to become IETE members. He was instrumental in inauguration of ISF at LDCE and LDRP.

He served as Professor & Head of EC department at LDRP, ITR, Gandhinagar from June 2014 -2022 and Principal GEC, Dahod, from Sept 2012 to June 2014. Earlier, he served Principal GEC, Gandhinagar, from February 2006 to Sept 2012 and as Professor, EC Dept. LDCE from July 2001 to Sept 2012. **Our heartfelt condolences to the family.**

## IETE Organisational Members Activities

**IETE Organizational Member VVP Engineering College, Rajkot (G00374)** hosted a workshop on ‘**Bootstrap B**’ in partnership with IETE Rajkot Centre, Department of Science and Technology, Government of Gujarat (DST), and Gujarat Council of Science and Technology (GUJCOST) on Nov 25-26, 2022. The Gujarat Council on Science and Technology and the Government of Gujarat sponsored this event. **Shri Akash Padhiyar**, the CEO of Akash Technolabs, delivered the keynote address. **Prof (Dr) Tejas P Patalia**, Principal of the VVP Engg College in Rajkot and a corporate member of the IETE Rajkot Centre, oversaw the successful completion of the entire programme. On **Feb 11, 2023**, a workshop entitled “**Demystifying Data Analytics**” was held at the PDC Auditorium of the VVP Engineering College for pre-final year EC, Computer, and IT students. **Shri Shail Shukla**, who is currently employed at UsefulBI, led the session. It covered: Introduction to Data Analytics and ITs varieties; Careers as a Data Engineer, Data Analyst, and in Data Science; Proficiency requirements; Opportunities in Data Analysis; Data Analysis Tools. **Prof (Dr) Tejas P Patalia**, Principal of the College in Rajkot, oversaw the flawless completion of the entire program. A highly informative and valuable/expert talk/session on **Resume Building and pi Etiquette** organized on Feb 12, 2023 at the PDC Auditorium of V V P Engg College Rajkot.

**IETE Organizational Member at SRM University-AP (G00630):** On **Mar 21, 2023**, the Dept of ECE, SRM University-AP organized the inaugural ceremony of the **IETE Life Organizational Membership** and **IETE Student Forum (ISF)** at the APJ Abdul Kalam Auditorium of the University. The event was attended by 350 participants, which included faculty members, research scholars and bachelor’s and master’s students of ECE, EEE and CSE departments. The dignitaries present at the event included; the Chief Guest, **Prof (Dr) V Gunasekhar Reddy** President, IETE, New Delhi; Guests of

Honour- **Prof (Dr) K Jaya Sankar**, Vice President, IETE; **Prof (Dr) C V Krishna Reddy**, G C Member, IETE; **Prof (Dr) M Kamaraju** Past Chairman, IETE Vijayawada Centre; **Dr B Rajasekhar** Chairman, IETE Vijayawada Centre; **Dr Sujith Kalluri** Secretary, IETE, Vijayawada Centre. The programme started with the welcome address by **Dr Swagata Samanta**, Organizing Chair, followed by opening remarks of the ISF Coordinator **Dr Pradyut Kumar Sanki**. After the lamp lighting and inaugural song, **Dr R Premkumar**, Registrar of SRM University-AP, addressed the audience. Following this, **Dr Sujith Kalluri**, **Dr B Rajasekhar**, **Prof (Dr) M Kamaraju**, **Prof (Dr) C V Krishna Reddy**, **Prof (Dr) K Jaya Sankar**, and **Prof (Dr) V Gunasekhar Reddy**, President, IETE, New Delhi, addressed the inaugural session. The event continued with the inauguration of **ISF** and certificate distribution to Fellow members and **ISF** members. 100 students from different departments were registered as ISF members along with 6 Fellow members and 15 corporate members. Dr Ramesh Vaddi, HoD, ECE Dept SRM University-AP concluded the programme with a vote of thanks and the event ended with the National Anthem.



## News from Professional Activities Centre

### ➤ IETE PAC Nagercoil

In collaboration with Riyasaa Laboratories, Center for Innovation, and IEI, KKLC, **IETE Nagercoil PAC** hosted a one-week **Inplant Training on IOT** from 2<sup>nd</sup> to 7<sup>th</sup> January 2023. During the closing ceremony, **Dr S Arumuga Perumal**, chairman of the Nagercoil PAC, inaugurated the in-house training and distributed completion certificates.

### ➤ Chairman IETE PAC Australia visited IETE HQs

**Shri Atul Garg**, Chairman of IETE Australia, was recently in India. During this visit, he accompanied his wife to the IETE headquarters. **Prof Gunasekhar Reddy**, President IETE; **Shri Sunil**, Honorary Treasurer and his wife **Mrs Kumud Shrivastava** met the Chairman Australia **Shri Atul Garg**. They discussed the strengthening of IETE’s activities on overseas terrain and exchanged their respective perspectives. IETE Secretary General Gp Capt Sonpal Singh was also present during this visit.



## New IETE Members Enrolled/Upgraded during January to 31<sup>st</sup> March 2023

S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name
1	503577	A	SAICHAND S	58	503754	AM	PRAKASH K	112	231942	F	SUBHASHINI K	164	503512	F	SRINIVASAN C
2	160822	AM	PATTANAYAK, RANJAN G	59	090088	F	THANGAVELU S, DR	113	232740	F	VENKATESWARA RAO, N	165	503545	F	CHANDRA SEKHA R P, DR
3	179022	AM	JADEJA, VIRBHADRA SINH V	60	094901	F	NALI, DINESH KUMAR, DR	114	236802	F	VENKATA HARI PRASAD G, DR	166	503546	F	DHANASEKARAN S, DR
4	187695	AM	PATEL, DURGA PRASAD	61	098645	F	MISRA, DINESH KUMAR, DR	115	236910	F	VAIDYA OMKAR SURESH, DR	167	503547	F	HEMAVATHY R, DR
5	202291	AM	SWAPNA B	62	107411	F	BALACHANDRAN R, DR	116	237246	F	MURTHY, T S N, DR	168	503548	F	ASHA S, DR
6	206028	AM	KUMAR, AMIT	63	113883	F	SARKAR, INDRANIL, DR	117	238092	F	LADDI, AMIT, DR	169	503549	F	JAGADEESH BABU K, DR
7	209909	AM	KUMAR, SURAJ	64	117396	F	RAJANI KUMARI P, DR	118	238095	F	KOTESWARA RAO O, DR	170	503550	F	VEENADEVI S V, DR
8	211814	AM	JAIN, RENUKA	65	118825	F	SHRESTHA, TULSI RAM	119	500084	F	RENGANATHAN K, DR	171	503551	F	ANALA M R, DR
9	219261	AM	PATNAIK, RANJAN	66	118827	F	DHAMI, GOVIND SINGH	120	500381	F	SAKHAMURI S, DR	172	503552	F	PRADEEP NAICK B
10	220145	AM	SRIVASTAVA, GURU SARAN	67	119006	F	POORNA LAKSHMI, DR	121	500511	F	DEYASI, ARPAN, DR	173	503553	F	PADMAVATHI K, DR
11	225420	AM	JAYESH P	68	120129	F	JANGID, SANTOSH, DR	122	500821	F	RASHMI PRIYADARSHINI B K, DR	174	503554	F	KAVITHA S N, DR
12	235958	AM	BIDIKA, SUKANTA KUMAR	69	121970	F	GANGULY, SAURAV, DR	123	501279	F	SRINIVASARAO V, DR	175	503555	F	GOSWAMI, LALIT, DR
13	238497	AM	DANDU, ANIL VARMA	70	123578	F	RAI, NIRAJ	124	501412	F	MANDA, RAJASEKHAR, DR	176	503556	F	SUKANYA D V N, DR
14	238513	AM	JAGRITI KUMARI	71	124152	F	LAMSAL, RAM CHANDRA	125	501516	F	GOPI RAM, DR	177	503557	F	RAJENDRA PRASAD D, DR
15	238561	AM	PHILEMON MATTHEWS G	72	125180	F	SHAIK, SAMIYUDDIN	126	501927	F	VERMA, PRIYANKA, DR	178	503558	F	KRISHNA D, DR
16	503426	AM	MANASA, M V, DR	73	126253	F	SHYAMSUNDER M, DR	127	503437	F	DESHMUKHACHALA, MANOJ, DR	179	503559	F	VINAYAGAM P, DR
17	503427	AM	SRIVASTAVA, RAVI PRAKASH	74	134834	F	KOTIA, SORUM MRUGESH, DR	128	503439	F	YUGENDRA DEVIDAS C, DR	180	503560	F	SARASWATHI K, DR
18	503428	AM	RAMA PRABHA, K	75	139602	F	SATEESH CHANDRA CH	129	503456	F	PAUL, PARTHA, DR	181	503561	F	ANANDA BABU T, DR
19	503429	AM	TUBIN T X	76	150517	F	SUMATHI S, DR	130	503458	F	SHEKHAWAT, SANDEEP S	182	503562	F	KIRAN KUMAR B, DR
20	503430	AM	JOSE, RESHMA MARY	77	153961	F	SHARMA, DINESH, DR	131	503459	F	NAGESH K N, DR	183	503563	F	BHASKARA RAO P, DR
21	503431	AM	JOSEPH, AMBILY	78	154250	F	TRIPATHI, VIJAY	132	503460	F	VEERARAGHAVA RAO I, DR	184	503564	F	GANASHREE K C
22	503432	AM	MILNA M J	79	165656	F	GUPTA RAJENDRA PRASAD	133	503461	F	NIRKHI, SMITA, DR	185	503565	F	KOTESWARA RAO P, DR
23	503457	AM	ARUNASRI S	80	166489	F	CHAKRABORTY, SHUVADIP	134	503462	F	DWIVEDI, AJAY KUMAR, DR	186	503566	F	SATYANARAYANA T V V, DR
24	503481	AM	KEERTHIGA G	81	172916	F	KUMAR GAUTAM, DR	135	503463	F	PATIL, DIPTI DURGESH, DR	187	503567	F	SWAGATA SAMANTA, DR
25	503493	AM	RAHI, PRIYANKA	82	177235	F	SAYED MAJID ALI, DR	136	503464	F	SINGH, VIVEK SINGH, DR	188	503568	F	SUJATHA HIREMATH
26	503494	AM	VINEELA CHANDRA DODDA, DR	83	177701	F	CHHABRA, DEEPENDER KANT, DR	137	503465	F	APPARAO M, DR	189	503569	F	PRADHAN, NANDITA, DR
27	503495	AM	MAUSAM CHOUKSEY, DR	84	183986	F	SRIDHAR M, DR	138	503466	F	SALODKAR, MUKUND R, DR	190	503570	F	DEY, SUKOMAL, DR
28	503496	AM	SAKTHI K	85	188570	F	AMARENDRA ALLURI	139	503467	F	HARI PRASAD, L	191	503571	F	VANITHA M, DR
29	503497	AM	KANNAN R	86	189087	F	RANGA BABU T, DR	140	503468	F	SHARMA, BIKASH, DR	192	503572	F	GUGULOTH ERNA, DR
30	503498	AM	USHA RANI M	87	192318	F	DESHPANDE, ASHWINI MANGESH, DR	141	503469	F	RAVI KUMAR, G	193	503573	F	KARTHIK K
31	503499	AM	IMRAN HUSSAIN S, DR	88	208232	F	JEYALAKSHMI V, DR	142	503470	F	KUMAR, SACHIN, DR	194	503600	F	SANGRAM RAY, DR
32	503500	AM	SHANMATHI M	89	212460	F	PREMA KUMAR M, DR	143	503471	F	DEY NILANJAN, DR	195	503601	F	RABINDER HENRY, DR
33	503501	AM	PRIYADHARSHINI R, DR	90	215257	F	NIRMAL D, DR	144	503472	F	PATTAN, ANWAR BHASHA, DR	196	503602	F	RAJAMOCHAN P, DR
34	503502	AM	CHOWDHURY, SUMITRO	91	218907	F	SARAVANAN P, DR	145	503473	F	SANATH KUMAR, K	197	503603	F	LEELAVATHI R, DR
35	503503	AM	NAGARAJU K	92	219460	F	KRISHNA PRASAD S, DR	146	503474	F	BASU, ABHISHEK, DR	198	503604	F	TIWARI, VIKAS, DR
36	503574	AM	SIVAPRIYA G	93	219680	F	RAMESH, C R	147	503475	F	SENGUPTA, DIGANTA, DR	199	503605	F	DEEPIKA RANI N, DR
37	503575	AM	PAVITHRA M	94	222268	F	NEWLIN SHEBIAH R, DR	148	503476	F	SULTANA, MAHAMUDA, DR	200	503606	F	VAMSI KRISHNA G
38	503576	AM	SWATHI B	95	223228	F	WAGHMARE, SURENDRA K, DR	149	503477	F	CHATURVEDI, SANDEEP KUMAR, DR	201	503607	F	SUGANTHI M, DR
39	503684	AM	DEOKATE, PUJA S	96	223229	F	DALE, MANISHA PRASAD, DR	150	503478	F	MUKHOPADHYAY, SOMNATH, DR	202	503608	F	JACKSON BEULAH, DR
40	503685	AM	ANITHA C	97	223261	F	MANE, PRANOTI P, DR	151	503479	F	SARKAR, SUNITA, DR	203	503609	F	SACHIN T, DR
41	503686	AM	SHREEHARI H S	98	223265	F	KOTA, PRABHAKAR N, DR	152	503480	F	JASMINE K S, DR	204	503610	F	MEENAKSHI A, DR
42	503687	AM	MANJULA K	99	223266	F	NARUTE, BHARATI MOHAN	153	503482	F	MISHRA, SHEO KUMAR, DR	205	503611	F	BANSAL, PAYAL, DR
43	503688	AM	LEVY M, DR	100	223268	F	TIWARI, KANCHAN S, DR	154	503483	F	PRADHAN, HIMANSU SHEKHAR, DR	206	503612	F	KRISHNA KISHORE K, DR
44	503689	AM	ARUN KUMAR S	101	223269	F	KULKARNI, APARNA SACHIN	155	503484	F	JOSHUA REGINALD P, DR	207	503613	F	NAUSHAD ALAM, DR
45	503690	AM	SANTHOSH G	102	223316	F	GEETHA DEVI A, DR	156	503485	F	AGI WAL, ANIL	208	503614	F	SINGH, SUNIL PRATAP, DR
46	503691	AM	DHIVYAA M	103	223324	F	KADAM, REKHA S, DR	157	503486	F	VENKATESWARLU V T, DR	209	503615	F	ARORA, PARUL, DR
47	503692	AM	KANIMOZHI S	104	223325	F	AJGAR, YOGITA MILIND	158	503487	F	EQUBAL MD DANISH, DR	210	503616	F	JOSHI, VAISHALI, DR
48	503693	AM	BABU KARUPPIAH A, DR	105	224731	F	JAGADEESWARAN N, DR	159	503488	F	MOHAMMAD SHAHID, DR	211	503617	F	BIST, UTTAM SINGH
49	503694	AM	LINGESWARAN G	106	225103	F	RAMESH A P, DR	160	503489	F	KOTHARI, DILIP KUMAR, DR	212	503618	F	KUMAR, MANISH
50	503695	AM	RAJARAJA R	107	228060	F	MEENAKSHI B, DR	161	503490	F	VIDHYA LAKSHMI, M, DR	213	503619	F	WASONM, RITIKA, DR
51	503696	AM	SUDARSAN P	108	230246	F	SYED, SHAMEEM, DR	162	503492	F	MAHESH KUMAR, N	214	503620	F	SIVA KUMAR G, DR
52	503697	AM	SANTHOSH E	109	230428	F	MARALI, KOTRESH E	163	503510	F	NAGASIRISHA S	215	503621	F	MANDAL, DHARMADAS, DR
53	503723	AM	VARALAKSHMI P	110	230429	F	SHIRAKOL, SHRIKANTH K					216	503622	F	MOHD MANSOOR KHAN, DR
54	503724	AM	PRIYANKA S TONDEWAD	111	231941	F	USHA S					217	503623	F	BHANU MURTHY M Y, DR
55	503731	AM	PADMAJA I									218	503624	F	REMA DEVI M
56	503732	AM	LAVANYA K									219	503625	F	TAMILSELVI T
57	503736	AM	SYED, RABBANI									220	503626	F	MAHESH V
												221	503627	F	SHARMA, ANKIT, WG CDR
												222	503628	F	BHARDWAJ, PURVEE, DR

**A = Associate**

**AM = Associate Member**

**F = Fellow**

**M= Member**

**ORG = Organizational Member**

S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name	S.N.	MEM	CAT	Name
223	503629	F	KHUM BAHADUR KUWAR C	275	503709	F	NAGARAJU S	329	503516	M	RAMESH M	389	503706	M	TIWARI, ASHISH, DR
224	503630	F	PATHAK, GHANSHYAM	276	503710	F	NAGA LAKSHMI K	330	503517	M	SREEDHAR CH	390	503707	M	DAS, PARTHA, DR
225	503631	F	BHATT, PRAKASH RAJ	277	503711	F	SHAIK, ENAUL HAQ, DR	331	503518	M	RAMBHUPAL REDDY, B	391	503708	M	PAKRAY, PARTHA, DR
226	503632	F	DANGOL, BINAY RAJ	278	503712	F	GOYAL, SHIV KUMAR	332	503519	M	ARPANA M	392	503718	M	YADAV, AJAY, DR
227	503633	F	KARMACHARYA, KISHAN	279	503713	F	VENKATESH M	333	503520	M	GANDHI BABU, MD	393	503719	M	VENU KUMARI P
228	503634	F	PANT, RAM DUTT	280	503714	F	SINGH MAHEEP, DR	334	503521	M	RAMASUBRAMANIAN, DR	394	503720	M	MANIKANTH B
229	503635	F	SHRESTHA, RAMESH	281	503715	F	DUBE, NARENDRA MOHAN	335	503522	M	NEELI SYAMALA	395	503721	M	RAMESH BABU K
230	503636	F	DAHAL, SUMAN	282	503725	F	SAIGOPALA KRISHNA M	336	503523	M	BANERJEE, RUPAM	396	503722	M	AMAR TEJ G
231	503637	F	PARAJULI, SHALIGRAM	283	503727	F	JOGALE, RAJKUMAR B	337	503524	M	KISHOR BABU, B	397	503729	M	SUBBA RAO B
232	503638	F	BHARATHY G T	284	503728	F	MADHAVI K	338	503525	M	GIREESH N, DR	398	503730	M	MISHRA, NILAMADHAB
233	503639	F	SREENIVASULU M, DR	285	503733	F	SUSEELAMMA G	339	503526	M	ANIL KUMAR, P	399	503735	M	VINEELA T
234	503640	F	VANISREE K, DR	286	503734	F	NAIK, HARIPRASAD B, DR	340	503527	M	RAVINDRA S	400	503744	M	SHAIK, RIZWANA
235	503641	F	KULKARNI, PRAKRUTI P	287	503737	F	RAVICHAND S, DR	341	503528	M	LATHA R, DR	401	503745	M	TEJASWINI R
236	503642	F	GIRI BABU K, DR	288	503738	F	LACHI REDDY P, DR	342	503529	M	SUBASHREE V	402	503746	M	VENKATA HANUMAN G
237	503643	F	KULKARNI, PRASHANT K	289	503739	F	VIJAYA KUMAR T	343	503530	M	SOWMIYA MANOJ M, DR	403	503747	M	PAVAN S, DR
238	503644	F	KHANWALKAR, PREETI, DR	290	503740	F	SATYA KUMAR G V	344	503531	M	JEFFIN GRACEWELL J, DR	404	503748	M	SARADA K
239	503645	F	SARALA SHANTHI J	291	503741	F	SAMEER S M, DR	345	503532	M	RAMAKOTESWARA RAO, S	405	503749	M	KHAN, SADIQUA
240	503646	F	THOTA, VENKATA LAKSHMI	292	503742	F	CHANDER, SWETA, DR	346	503533	M	ARCHANA T	406	503750	M	GAIKWAD, NITESH
241	503647	F	MANIRAM, AHIRWAR	293	503743	F	KUMAR, RAJESH	347	503534	M	NAVANEETHAN S, DR	407	503751	M	SHAIK, MASTANBI
242	503648	F	SARAVANA, PRAKASH P, DR	294	503757	F	VIJAYAKUMARI G	348	503535	M	BANU PRIYA P, DR	408	503752	M	ARAVIND A
243	503649	F	JUDY SIMON, DR	295	503758	F	SARAVANAN T, DR	349	503536	M	KANAGAMALLIGA S, DR	409	503753	M	SYED ALI HUSSAIN, DR
244	503650	F	MOHD WAJID, DR	296	094309	M	SREEDHAR T	350	503537	M	GAYATHRI S	410	503755	M	SOWJANYA N
245	503651	F	SINHA, SANJEET KUMAR, DR	297	503433	M	SHARMA, AKSHITA	351	503538	M	VENKATA SIVA HARISH R, DR	411	503756	M	THIRUMANI THANGAM V
246	503652	F	KAVICHARAN M, DR	298	503434	M	BHARATHI V	352	503539	M	SRIVASTAVA, VIJIT	412	G00580	ORG	ANANTHA LAKSHMI INSTITUTE OF TECHNOLOGY & SCIENCES
247	503653	F	JAGAN NAVEEN V, DR	299	503435	M	KAVITHA V	353	503540	M	KUMARAN S, DR	413	G00634	ORG	USHA RAMA COLLEGE OF ENGINEERING AND TECHNOLOGY
248	503654	F	PALANISWAMY K M, DR	300	503436	M	KARHADKAR, NEETA PRAMOD	354	503541	M	SRAVAN KUMAR, S	414	G00635	ORG	NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY
249	503655	F	ROOPA R, DR	301	503438	M	PAWAR, BHUSHAN DILIP	355	503542	M	PRASAD, DEEPAK, DR	415	G00636	ORG	GUNTUR ENGINEERING COLLEGE
250	503656	F	VIJAYA BHARATHI, M	302	503440	M	DHIVYA R, DR	356	503543	M	SHAH, CHITAL SAHYOG	416	G00637	ORG	SANTHIRAM ENGINEERING COLLEGE
251	503657	F	SHENOY H G, DR	303	503441	M	KARTHIKEYAN V, DR	357	503578	M	SRI CHAKRAPANI Y	417	G00638	ORG	SHARDA UNIVERSITY
252	503658	F	SYED ARIFF, DR	304	503442	M	JOSHI, SAGAR VASANTRAO, DR	358	503579	M	TIRUMALARAO K, DR	418	G00639	ORG	ISL ENGINEERING COLLEGE
253	503659	F	INBALATHA M	305	503443	M	MALI, SAMADHAN DNYANOBA	359	503580	M	GOWRI P	419	G00640	ORG	SREE DATTA GROUP OF INSTITUTIONS
254	503660	F	KHARMEGA SUNDARARAJ G, DR	306	503444	M	GAIKWAD, GANESH NANDKUMAR	360	503581	M	AARTHI K	420	G00641	ORG	TIRUMALA ENGINEERING COLLEGE
255	503661	F	SUNEETHA B, DR	307	503445	M	THANNIRU, PAVAN VINAYAK	361	503582	M	CHARANYA J	421	G00642	ORG	VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY
256	503662	F	SHAIK, MASTAN SHARIF, DR	308	503446	M	WARHADE, BHAGYASHRI ASHOK	362	503583	M	RENUGADEVI A S	422	G00643	ORG	SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY
257	503663	F	JAIN, RUCHI ATUL	309	503447	M	GREGORIOUS JOSE C	363	503584	M	KARTHIKEYAN M	423	G00644	ORG	MAULANA AZAD POLYTECHNIC
258	503664	F	NAIR, UNNIKRISHNAN M, LT GEN	310	503448	M	GANAGE, DHARMENDRA GOKULDAS, DR	364	503585	M	SAMPATH KUMAR J, DR	424	G00645	ORG	NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTI
259	503665	F	AWASTHI, PANKAJ, COLONEL	311	503449	M	SARODE, HARSHA JITENDRA	365	503586	M	BALAJI D	425	G00646	ORG	PACE Institute of Technology and Sciences
260	503666	F	NOOR MOHAMMED V, DR	312	503450	M	SINGH, WANGJAM NIRANJAN	366	503587	M	KAMALA KUMARI D	426	G00647	ORG	JSPM'S BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH
261	503667	F	BASU, SANJAY, DR	313	503451	M	HARSHITHA R	367	503588	M	SHAIK, IMAMVALI	427	G00648	ORG	RVR&JC COLLEGE OF ENGINEERING
262	503668	F	VENKATA SATHISH KUMAR, B	314	503452	M	BHOSLE, SUSHMA SUNIL	368	503589	M	SATYANARAYANA K N V	428	G00649	ORG	SVKM'S DWARKADAS J SANGHVI COLLEGE OF ENGINEERING
263	503669	F	SINGH, RAKESH KUMAR	315	503453	M	NARASIMHA RAO, T	369	503590	M	PANDEY, ANUKUL, DR				
264	503670	F	HENDRE, VAIBHAV SHANTARAM, DR	316	503454	M	MADHIKAR, SAYALI GANESH	370	503591	M	VENKATA SUDHAKAR C				
265	503671	F	ASHA, DR	317	503455	M	MADHIKAR, GANESH VILAS	371	503592	M	VIJAYA SARADHI D, DR				
266	503672	F	BAGUL, PRIYANKA MANDAR	318	503491	M	MANOJ KUMAR D, DR	372	503593	M	NEELIMA K				
267	503698	F	HATE, SUDHIR GOPALRAO	319	503504	M	BALASUBRAHMANYAM M	373	503594	M	DHAMI, TILAK BAHADUR				
268	503699	F	HANWATE, SANDEEP DEVRAO, DR	320	503505	M	P N S B S V PRASAD V	374	503595	M	SUDHIR SHIVASHARANAPPA A, DR				
269	503700	F	MITTAL, SHAILENDRA KUMAR, DR	321	503506	M	SIVARAMA KRISHNA A	375	503596	M	BASNET, MUKESH				
270	503701	F	RUMALE, ANIRUDDHA S, DR	322	503507	M	MOHANTY, RADHAKRISHNA	376	503597	M	SUWAL, MADAN				
271	503702	F	MUSALE, SANDEEP SAHEBRAO, DR	323	503508	M	VENKATRAMANA P, DR	377	503598	M	GARG, DEEPAK, DR				
272	503703	F	MATTA, DURGA PRAKASH, DR	324	503509	M	UMA MAHESWARI K, DR	378	503599	M	SHARAFF, AAKANKSHA, DR				
273	503704	F	PRAKASH, ATUL, DR	325	503511	M	SARKAR, BANDITA	379	503674	M	KATTI, ROHAN, DR				
274	503705	F	BOMBLE, GAURI VISHAL	326	503513	M	VENKATESH J	380	503675	M	TAORI, SUKRUTI S				
				327	503514	M	SOUMYA K	381	503676	M	SALUNKE, AKSHATA V				
				328	503515	M	BOYINI MAMATHA	382	503677	M	GANAGE, SUCHITA D				
								383	503678	M	JANGALE, NAMRATA P				
								384	503679	M	EBRAHEEM KHALEELULLA SK, DR				
								385	503680	M	KHAN, MOHAMMED NOORULLAH				
								386	503681	M	NAGA SRINIVASARAO CH				
								387	503682	M	SHAIK, RAJAK				
								388	503683	M	SARITHA L				

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AM = Associate Member

F = Fellow

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ORG = Organizational Member

## Awards & Achievements

**Professor Baidyanath Basu (F165599L)** formerly of the Department of Electronics, IIT BHU, has been **awarded the prestigious John R Pierce Award** for his contributions to **Vacuum Electronic Devices, High-powered Traveling-Wave Tubes and higher education.** He is the first Indian to have won this award. Prof Basu has closely worked with several national and international organizations, including CSIR, DRDO, the University of Lancaster, Seoul National University, among others, and has authored more than 125 acclaimed research articles and widely popular books in his subject. Dr Basu is also the recipient of IETE Life Time Achievement Award.

**The achievement of Dr B Basu has brought a great sense of pride to IETE. Congratulations Dr Basu!!**



**Dr Ajay Kumar (F-037192L)** received **PhD** from **Usha Martin University, Ranchi**. His thesis was **“IoT Based Smart City Vehicle Accident Monitoring System Using Raspberry Pi”** under Prof (Dr) Mohammad Amir Khusru Akhtar, Dean Research In-Charge IQAC (Department of Computer Science) and Co-Guide Dr Abhishek Pandey (Department of Engineering and Applied Sciences) Usha Martin University, Ranchi, Jharkhand. IETE alumnus Ajay Kumar was IETE Governing Council member from 2019 to 2022. He served Army in

Leh, Mhow, and Guwahati Adv Base Workshop. He has been associated with IETE for over 26 years, including as an executive committee member at Hyderabad during 2001-2007. As Hony Treasurer, Hony Secretary, and Centre Chairman of IETE Ranchi Centre, he organized many international, national, and zonal seminars. Data Communication, Broadband, Access, and VLSI Design are his main interests.

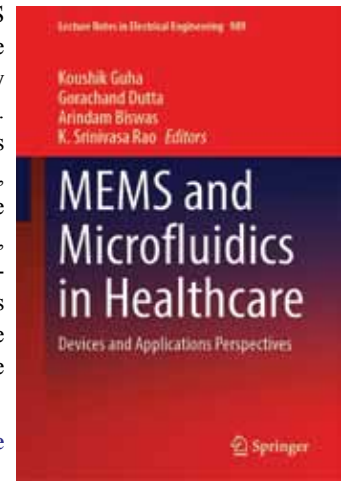
**IETE sends Dr Ajay Kumar its sincere congratulations on earning the PhD!**



**Dr Koushik Guha (F-502525)**, Associate Professor in the Department of Electronics and Communication Engineering at the National Institute of Technology Silchar, has published his second book, *MEMS and Microfluidics in Healthcare: Devices and Applications Perspectives*. It is published by Springer, Germany.

The present book focuses on the past developments and future research directions in MEMS and Microfluidic medical device field, the research available currently on these instruments is intriguing. The MEMS medical surgical tools like endoscopy, micro grippers, micro tweezers, and catheters are covered in this book. In addition, the fabrication techniques of Bio-MEMS and Bio-Microfluidic devices are also elaborated, which makes the book a complete guide from device development to fabrication stages.

**Congratulations to Dr Guha on the publication of his second book!**



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I, Gp Capt Sonpal Singh (Retd) hereby declare that the particulars given above are true to the best of my knowledge and belief.

IETE in News...

लोकमत



आचार्य मिने विद्यालयत आचार्यिण करणया अनेकया पदसंनत विद्यार्थीक विद्यालय प्रकल्प पाठ्यालय नया लखनौ ई. अणुजी लखनौ अणि अय्य मण्यार.

डहाणू तालुकास्तरीय विज्ञान प्रदर्शनाचे आयोजन

डहाणू तालुकास्तरीय ५० व्या विज्ञान प्रदर्शन आयोजन करत आचार्य मिने विद्यालयत करणया अनेकया पदसंनत विद्यार्थीक विद्यालय प्रकल्प पाठ्यालय नया लखनौ ई. अणुजी लखनौ अणि अय्य मण्यार. आचार्य मिने विद्यालयत आचार्यिण करणया अनेकया पदसंनत विद्यार्थीक विद्यालय प्रकल्प पाठ्यालय नया लखनौ ई. अणुजी लखनौ अणि अय्य मण्यार.

नवराष्ट्र

५० व्या विज्ञान प्रदर्शन उत्स्फूर्त प्रतिसाद ११२ प्रकल्पांचा सहभाग, 'नासा' शास्त्रज्ञांची



डहाणू (वा.) डहाणू तालुकास्तरीय ५० व्या विज्ञान प्रदर्शनचे आयोजन करत आचार्य मिने विद्यालयत करणया अनेकया पदसंनत विद्यार्थीक विद्यालय प्रकल्प पाठ्यालय नया लखनौ ई. अणुजी लखनौ अणि अय्य मण्यार.

IETE J&K chapter celebrates Student's Day

J&K STATE TIMES NEWS JAMMU: Jammu Sub-centre of Institution of Electronics and Telecommunication Engineers (IETE) J&K chapter on Tuesday celebrated the Student's Day with the collaboration of Department of Electronics, University of Jammu. Er. Jay Ganjoo Chairman, IETE, Jammu Sub-Centre informed that IETE was established in November, 1953 and presently, it has more than 63 centres and sub-centres across the country. He said engineering education is doing something new that drives the technology sector forward. And low engineering innovation helps scientific community to spread wings across the technological world and creates resilient world.

दरबै मराठा विश्व • गुरुगांवद सिंग पॉलिटिकल कॉलेजमध्ये दोन दिवसीय कार्यशाळेतून सूर संगणक तंत्रज्ञानाने अणुविद्युत, दूरसंचारचा विकास

दरबै मराठा विश्व • गुरुगांवद सिंग पॉलिटिकल कॉलेजमध्ये दोन दिवसीय कार्यशाळेतून सूर संगणक तंत्रज्ञानाने अणुविद्युत, दूरसंचारचा विकास. The article discusses the significance of engineering education in driving technological innovation and the role of IETE in promoting it.

IETE celebrates Students' Day

J REPORT AMMU, FEB 28: ammu Sub-centre of Institution of Electronics and Telecommunication Engineers (IETE, JSC) J&K chapter celebrated the Student's Day with the collaboration of Department of Electronics, University of Jammu. Er.Nayrah conducted the proceedings of today's event. Er. Joy Ganjoo Chairman, IETE, Jammu sub centre while welcoming the participants explained the significance of the Student's day of IETE. Joy Ganjoo informed that IETE came into existence in November, 1953 and presently, it has more than 63 centres and sub-centres across the country. Er.Vijay Sharma (Hon. Secretary) IETE Jammu sub centre read the President's message on the Student's Day of IETE. This day is very special to the entire IETE fraternity.

वाघ वरिष्ठ महाविद्यालयात ई-मर्ज साजरा अभिनेता चिन्मय उदगीरकरची खास उपस्थिती

नाशिक। के. के. वाघ विद्यालय संकेत के. के. वाघ वरिष्ठ महाविद्यालय नाशिक येथे संगणक विज्ञान विभागाच्या वतीने सौर दिवसीय ई-मर्ज कार्यक्रमाचे उद्घाटन वार चळवळी, वा कार्यक्रमाचे उद्घाटन नाशिक आचार्य अशोकचिंतनचे उपाध्यक्ष चिन्मय उदगीर, भागी विद्यार्थी व कोटक बॉटिंग कॅम्पचे व्यवस्थापक आशिष ठमा यांच्या हस्ते करण्यात आले. कोड कार्ट, टेबल गेम, डॉट प्लेन सामूहिक स्पर्धा, ई-गॅमिंग, भाषण, नृत्य, नाटक, एकांकिका, विधिक्री या स्पर्धेत प्रा. अर्चना बेडाळे यांनी सहभाग घेतला. इमर्जमध्ये २०२२-२३ उन्हाळी विद्यार्थी पुरस्कार स्वीकार करणारे व ग्रेड वाचणारे विद्यार्थी यांचे कार्यक्रम आयोजन केले. तसेच सन २०२२-२३ या वर्षापासून सर्व सहाय्येकर उन्हाळी सहभाग्य नोंदविण्याच्या विद्यार्थीस ज्वेल ऑफ इमर्ज या पुरस्काराने प्रथमच सहाय्येकर वा विद्यार्थीना मान्यतेने सन्मानित करण्यात आले. चौथ्या दिवसात समारंभानंतर मान्यतेच्या हजेरे महाविद्यालयाच्या नवीन ट्रेनिंग अँड प्लेसमेंट कार्यालयाचे



५४ एमिल रोजी जमी हा मराठी चित्रपट प्रदर्शित होत आहे. वा विद्यार्थ्यांच्या प्रयोगशाळी ई-मर्ज कार्यक्रमास अभिनेता व संस्थेच्या माजी विद्यार्थी चिन्मय उदगीरकरने हुजेरी सहाय्येकर विद्यार्थ्यांसोबत अभिनेता स्वागत करतो. यावेळी वाघविद्यालया सल्लागार सहाय्येकरांनी वाघविद्यालयात जलसंस्काराचे आवाहन केले.

उद्घाटन करणेत आले. कार्यक्रमा सारणीय प्रसंगी प्रमुख पाहुणे म्हणून सुप्रसिद्ध मराठी अभिनेता व संस्थेच्या माजी विद्यार्थी चिन्मय उदगीरकर उपस्थित होते. प्रमुख अतिथी म्हणून लुचिवरस प्रायव्हेट लिमिटेडचे सीईओ व सीएफडी अमेर डाकरे, उपाध्यक्ष अश्वय द्वेंडे, सौर्य मराठीके हजेरी लावली. अणुधर या, समीर वाघ, सचिव प्रा. के. एन. बंधी, सहाय्येकर डॉ. श्री. ए.ए. सेवलीकर, सैबायिक सल्लागार डॉ. व.पी. राजगुरू, प्राचार्य डॉ. संभाजी पाटील यांचे मार्गदर्शन लाभले. या तीन दिवसीय विविध कार्यक्रमांसाठी अनुष्ठा घेतले. निमित्त चौथी, सुदर्शन कोटके, राधिका राजगुरू, सुजित चौधरी, मनुजी पात्रा, नीताजली बाणुल व सहाय्येकरांच्या परिचय घेतले.

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