



# THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS



## ANNUAL REPORT 2022-2023

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**INSTITUTION OF ELECTRONICS AND  
TELECOMMUNICATION ENGINEERS**  
**IETE BUILDING, BELLARY ROAD, GANGANAGAR EXTN.**

IETE/BG/AGM/2023

03<sup>rd</sup> June 2023**AGM NOTICE**

Dear Sir/Madam,

**Sub: ANNUAL GENERAL BODY MEETING OF IETE BANGALORE  
CENTRE FOR THE YEAR 2022-2023**

On behalf of the Chairman, Dr. C P Dwivedi and members of the Executive Committee of IETE Bangalore Centre, I invite you to the AGM of IETE Bangalore, on Sunday, 18<sup>th</sup> June 2023 at 10.00 am. The AGM will be held at IETE Bangalore, Bellary Road, Ganganagar Extension, Bangalore-560 032 according to the following Agenda.

Confirmation of the minutes of the last AGM held on 26<sup>th</sup> June 2022 at 10.00 AM at IETE Bangalore.

1. Confirmation of the minutes of the last AGM held on 26<sup>th</sup> June 2022 at 10.00 AM at IETE Bangalore.
2. To consider and adopt the Annual Report of the IETE Bangalore for the year 2022-2023.
3. To consider and approve the Audited Statement of Accounts and Balance Sheet for the year 2022-2023. ([www.ietebangalore.org](http://www.ietebangalore.org))
4. To appoint auditor for the year 2023-2024.
5. Address by Chairman
6. Any other points with the permission of Chair
7. Vote of Thanks

**Please Note:**

1. The Minutes, Annual Report & Statement of Accounts will be available in our website: [www.ietebangalore.org](http://www.ietebangalore.org) by 10<sup>th</sup> June 2023.
2. You are requested to send any points/queries for discussion/clarifications in advance, so as to reach the undersigned before 15<sup>th</sup> June 2023.

(Dr. S G Shivaprasad Yadav)  
Hon. Secretary

**AGM PROGRAMME**  
**Sunday, 18<sup>th</sup> June 2023 at 10.00 AM**

Sunday, 18<sup>th</sup> June 2023 at Delton Auditorium, Bellary Road, Ganganagar Extn., Bangalore-560 032.

1. 1000-1130: AGM Business Meeting (for members only)
2. 1140-1300: Prof. N S Nagaraja Memorial Lecture
3. 1300-1400: Lunch (Members are invited to attend with their family)





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TELECOMMUNICATION ENGINEERS**  
**IETE BUILDING, BELLARY ROAD, GANGANAGAR EXTN**  
**BANGALORE –560 032**

**Minutes of Annual General Body Meeting (AGM-2022) held on Sunday, 26<sup>th</sup> June 2022**

The AGM commenced with Vande Mataram at 10.15 am. Honorary Secretary Dr. S G Shivaprasad Yadav welcomed the members and Chief Guest Capt. TN Pranesh, Alpha Design Technologies, who delivered the Prof. N S Nagaraja Memorial Lecture.

Shri H Ramakrishna spoke about the life and career of Prof. N S Nagaraja and Shri C Satyanandan, Chairman introduced the Chief Guest. The Chief Guest then delivered the Prof. N S Nagaraja Memorial lecture on the topic “New Trends in Radar Technology”.

Shri. Satyanandan thanked Capt. Pranesh and gave his Presidential Remarks.

Dr. M H Kori, Vice President IETE and Editor in Chief of the *IETE Bengaluru Magazine* spoke briefly about the Centre and the Magazine. He requested the Chief Guest to release the fifteenth edition of the magazine, who shared the copies with members on the stage.

The Prof. N S Nagaraja memorial lecture session concluded with the vote of thanks proposed by Shri Ranjeet Kumar, Honorary Treasurer.

### **AGM Business Session**

After a short break the Business session commenced at 12.20 pm with Dr. S G Shivaprasad Yadav, Hon. Secretary welcoming the Members. He requested the Chairman to conduct the AGM.

Mr. C Satyanandan, Chairman, IETE Bangalore asked the Hon. Secretary to take up the first Agenda point. The Minutes of meeting already circulated to all members along with annual report and balance sheet was presented by Hon. Secretary.

Chairman requested members to propose adoption of the Minutes. Dr. D G Rao proposed and Dr. D C Pande seconded it. Minutes were adopted.

The Chairman asked Hon. Secretary to present Annual Report 2021-22. Dr. Shivaprasad Yadav presented the details of the activities and decisions taken by the Centre.

Mr. Purushothaman proposed adoption of the Annual Report and Mr. R A Bhagvan seconded. The Annual Report was adopted.

Mr. Ranjeet Kumar, Hon. Treasurer then presented the Annual Accounts and Audited Balance Sheet.

Chairman called for any queries that members had. Dr. T S Jayadeva asked about the process followed in conducting the various short-term trainings and whether it was approved by anybody. Honorary Treasurer replied that all training programs conducted were according to standard practices and the techno commercial reports were presented during the EC meetings in the respective months. Dr. T S Jayadeva re-iterated his queries raised in the previous AGM and was told that they had been answered in the AGM itself and that Accounts had been duly adopted. Honorary Secretary replied to the member that he was welcome to visit the office and have a look at the documents about the process being followed.

Dr K M Sudarshan suggested conducting some activities on VLSI domain like circuits and Simulators as there are a lot of placement opportunities for students in VLSI domain. Honorary Secretary replied, it was a good suggestion and invited Dr. Sudarshan to propose this course for conducting by Bangalore Centre.

Another member Dr. Nataraj suggested including some training activities on Electric vehicles and battery management. Hon. Secretary assured him that those topics would be considered to be included for trainings in those areas.

The member also raised concern about the expenses made for electricity and water charges incurred and suggested to take some alternatives to reduce the expenditure by having solar panels on roof top and saving electricity charges and to minimize water expenses. Honorary Treasurer replied the measures taken such as implementing the Rain Water Harvesting at the Centre. Chairman Shri Satyanandan mentioned the efforts made to restore the BWSSB connection that had been removed some years back.

Dr. Surendra Pal, asked for the details of an item of the expenditure mentioned in the balance sheet, “IRSI award expenses”. Chairman clarified that this was related to the IRSI awards given to the recipients every year as requested by IETE HQ. But sometimes due to the delay in depositing the cheques by the recipients, entries were delayed and made after March 31<sup>st</sup> and the expenses may not have been reflected in the balance statement of the financial year.

Dr. M H Kori mentioned that the balanced statement had not been uploaded on the Bangalore Centre website and though the account statements were sent by emails to all members, they may need some time to raise their queries, due to which the financial statement cannot be adopted immediately and suggested to wait for 3 days to take any queries from any members regarding the accounts/balance statement. Honorary Secretary mentioned the reason for not

being able to upload the annual report and balance statement on the website. As the technical team who were maintaining the website were not responding to any request, we had decided to change the vendor for maintaining the webpage. Dr. Kori suggested to the house, that the account statement can be conditionally adopted subject to the condition that any queries given to the treasurer regarding the financial statement received within 3 days should be replied suitably.

Dr. Jayadeva proposed adoption of the Accounts and Balance Sheet. Dr. D G Rao seconded. It was conditionally adopted with the condition that any queries regarding the balance sheet can be sent by the members within 3 days and they will be clarified by the Honorary Treasurer.

The next item being appointment of Auditor for the next year, Hon. Treasurer proposed that we may continue to engage the present Auditor Mr. Lokesh for one more year. Dr. M H Kori suggested discussing it with the new EC team and taking a suitable decision.

In the next agenda point, Honorary Secretary requested Prof. Murali, Returning Officer, to announce the results of election of Executive Committee Members 2022-2024. Prof. Murali announced the results of the election and congratulated the elected members.

1. Dr. C P Dwivedi	Chairman
2. Dr. S G Shivaprasad Yadav	Honorary Secretary
3. Dr. D G Rao	Honorary Treasurer
4. Dr. C V Ravishankar	Executive Committee Member
5. Dr. K M Sudarshan	Executive Committee Member
6. Dr. Keshava Murthy	Executive Committee Member
7. Mr. Puneet Kumar Mishra	Executive Committee Member
8. Mr. S Purushothaman	Executive Committee Member
9. Sri. K S Ravi	Executive Committee Member
10. Sri. R Prakash	Executive Committee Member

Sl. No.1 to 3 are called office bearers of IETE and any two of them are authorized to operate all Saving/Current bank accounts in all the Banks including SBI without fixing any limits.

Then Shri Satyanandan, Chairman for the term 2020-2022 addressed the members. He said that the period was one of excitement and challenges. In spite of the challenges, particularly during the pandemic, we could do many things and appreciated the efforts of the Office Bearers, EC Members and staff. He thanked Mr. Dinesh and other members of the staff for the hard work they put in to make the recent BIS 22 symposium a big success. The Chairman also recalled his moments of frustration and disappointment when things were not moving in the desired manner and when he expected better moral and physical support and response from IETE Members in general.

Followed by this Dr. C P Dwivedi, Chairman for the term 2022-2024 addressed the gathering and described the plans he had for the immediate future and said that the first priority would be to take up the IICI Conference.

During the last agenda point discussion of ‘open forum’ Chairman Shri Satyanandan mentioned his discussions with the Director LRDE who is Chairman of IRSI Committee and with the Co-Chairman, Director R&D BEL about conducting IRSI and the need to streamline the IRSI Bank Account and bring in openness. He differed with some senior members who were of the opinion that IRSI is not an activity of IETE Bangalore. It was pointed out that Bangalore Centre’s GST and PAN were used for the account and as per a decision taken in the AGM 2017-18 the accounts are to be operated by the Office Bearers. Due to paucity of time the issue was not discussed further at the AGM and it was decided to get the matter thrashed out by the EC Members later.

The AGM concluded with thanks to the Chair.



Date: 26 -06-2022

Place: Bangalore

Hon. Secretary  
IETE Bangalore



**INSTITUTION OF ELECTRONICS AND  
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IETE BUILDING, BELLARY ROAD, GANGANAGAR EXTN.**

***Annual Report 2022-23***

On behalf of the Chairman and Members of the Executive Committee I present this Annual Report with pleasure and pride.

Restrictions on account of Covid 19 pandemic continued during the beginning of the year and activities were mostly carried out in the online/Offline mode. However, we allowed utilization of our facilities and manpower for purposes such as conduct of AMIETE and CA examinations, with strict adherence to Covid norms.

Covid affected our training courses also, but we still managed to conduct them. Honorary Secretary was in charge of the training courses.

Some of the online courses that were conducted are listed below:

1. Advanced FPGA Design
2. Embedded Systems & Design
3. MATLAB/SIMLUNIK
4. Python Programming
5. Internships program for BE/B. Tech Students
6. Cyber security
7. AI & ML
8. One Day workshop on EV
9. BEL Trainings and many more.....

**Membership of IETE Bangalore**

<b>Sl. No.</b>	<b>Membership</b>	<b>2022</b>	<b>2023</b>
<b>1</b>	Corporate Members	1941	<b>2010</b>
<b>2</b>	Associate	13	<b>13</b>
<b>3</b>	Students Members (AMIETE)	42	<b>15</b>
<b>4</b>	Students Members (DIPETE)	02	<b>02</b>
<b>5</b>	Organisation Members	22	<b>24</b>
<b>6</b>	ISF Members	581	<b>3545</b>

The 69th IETE Foundation Day was celebrated on 20<sup>th</sup> November 2023 in the offline mode with the main program in our auditorium and IETE President and Vice-Presidents graced the event. Thereafter, we conducted the Students' Day and Women's Day in the physical mode only.

IETE Bangalore has been recognized as one of the most vibrant Centres. We ventured last month into holding a 3-day "IETE International Conference of India-2023", IICI 23, in collaboration with Bharat Electronics Ltd. & C-DoT, IICI- 23 was hailed as the most important technical event conducted by IETE in recent times. The work done by Chairman, Office Bearers and Members of the Executive Committee came in for much appreciation.

We have organized ISF Coordinators Meet and made efforts to enhance their technical activities, besides increasing the number of ISFs connected to us.

<b>Training Conducted during 2022-2023</b>					
<b>Sl No.</b>	<b>Course Name</b>	<b>Faculty</b>	<b>No. of Participants</b>	<b>Org. Name</b>	<b>Dates</b>
1	Wife Basics Course	Dr. Y V S Lakshmi	5	Private Industy	17-06-2023 to 17-06-2023
2	Microstrip Antenna	Dr. D C Pande	30	BEL Corporate Training	27-07-2022 to 30-07-2022
3	Advanced FPGA Design	Mr.Padmanabhan	10	DRDO & ISRO	31-07-2022 to 25-09-2022
4	Advanced Radar Systems	Dr. D C Pande	35	BEL Corporate Training	05-08-2022 to 06-08-2023
5	Internship on IoT & Embedded	MSRIT, BMSIT Professors	35	TTIT, PDIT, Atria IT, SAIT etc,	28-08-2022 to 25-09-2022
6	Technology Strategic for Strategic Weapons	LRDE Scientists	30	BEL Corporate Training	26-09-2022 to 28-09-2022
7	Cambridge English Course	Mr. Shaik Wajeed	19	LRDE	16-10-2022 to 20-10-202
8	Foundation of XR and Its Applications	Mr. Suresh P, PTC Inc.	35	BEL Corporate Training	20-10-2022 to 22-10-202
9	Internship for Diploma Students	Sri. Vinay Avanchi	16	Impact & Brindavan College	03-11-2022 to 04-01-2023
10	Design Thinking	Sri. Suryanarayana, DRDO	25	BEL Corporate Training	21-11-2022 to 24-11-2022
11	Unmanned Systems	LRDE Scientists	25	BEL Corporate Training	06-12-2022 to 09-12-2022
12	Embedded Systems & Design	Dr. S G Shivaprasad Yadav	19	ISRO & BEL	15-01-2023 to 02-04-2023

13	One Day Seminar on Electrical Vehicle	Mr. Abhilash R Rout	70	SaIT, Atria IT, MSRIT, RVCE etc.	28-01-2023
14	Advanced FPGA Design	Mr.Padmanabhan	33	DRDO, BEL & ISRO	29-01-2023 to 02-04-2023
15	Advanced FPGA Design	Mr.Padmanabhan	16	BEL & DRDO	05-02-2023 to 09-04-2023
16	MATLAB with Simulink	Dr. S G Shivaprasad Yadav	26	DRDO, BE,L ISRO & C-DoT	11-02-2023 to 09-04-2023
17	Internship on IoT & Embedded	MSRIT, BMSIT Proferssors	40	Atria IT, SVIT, TTIT etc.	27-02-2023 to 26-03-2023
18	Python Programming	Dr. S Pramod	61	DRDO, ISRO, BEL, CMRIT, C-DoT	05-03-2023 to 14-05-2023
19	Cyber Security	C-DAC	43	DRDO, BEL ISRO	25-03-2023 to 20-05-2023
20	AI & ML with Python	Dr. Geetha	19	ISRO. DRDO, BEL, RVCE	16-04-2023 to 25-06-2023
21	SUSIEC-23	Dr. K M Sudharamsn	21	KV Schools, NSP, DPS etc	11-05-2023 to 28-05-2023

As may be seen from the Audited Statement of Accounts, Balance Sheet and Auditor Report included in the Annual Report, we have made every effort to maintain the financial health of the Centre.

Honorable Members, we will not be complacent with our modest achievements. IETE Bangalore has a long way to go to meet the expectations of this august body. We will continue to do our very best.

#### *Technical Activities during the year are as follows:*

1. **26-06-2022:** Prof. N S Nagaraja Memorial Lecture was conducted. Captain T N Pranesh I N (Retd.), Alpha Design Technologies was the Chief Guest and he delivered the memorial lecture on ‘New Trends in Radar Technology’.





**2. 27-06-2023:** The IETE Student Forum (ISF) of Sambhram Institute of Technology has organized National Level Inter Collegiate Project Exhibition and Competition “**PRATIRA-2022**”. In this event, around 200 students participated from various Engineering Colleges from Karnataka State. Chief Guest Sri. C Satyanandan, Immediate Past Chairman, IETE Bangalore and Guest of Honor, Prof. V Mahadevan, Former Dy. Director, ISRO inaugurated the event.

The program ended with a valedictory function followed by the prize distribution for the all the winners and participants.



- 3. 27-30 July 2022:** IETE Bangalore conducted a Microstrip Antennas Course for BEL Engineers in hybrid mode at Bharat Electronics Academy of Excellence (BA), Nalanda. Dr. S G Shivaprasad Yadav, Hon. Secretary was the Course Director.
- 4. 31-07-2022 to 25-09-2022:** Short Term Course on Advanced FPGA Design conducted by IETE Bangalore for Industry Professionals, academicians, and Engineering Students. The sessions were conducted on Sundays by Mr. Padmanabhan, Corel Technology for 10 Sundays. 15 partipanted succusfully comleted the course.
- 5. 05-06 Aug 2022:** IETE Bangalore conducted an Advanced Radar Course for BEL Executives at Bharat Electronics Academy of Excellence (BA), Nalanda. Dr. D C Pande, Former Chairman, IETE Bangalore was the Course Director.

**6. 15-08-2022:** 75<sup>th</sup> Azadi ka Amrit Mahotsava was celebrated during Independence Day. Prof. N C Shivaprakash (Retd.), IISc, Bangalore was the Chief Guest. A large number of members attended the Independay flag Hoisting Ceremony.



**7. 28-08-2022 to 25-09-2022:** IETE Bangalore conducted a one month Internship for Engineering Students on Embedded Systems and IoT Applications. The Internship Inaugurated by Sri. C Satyanandan, Immeidate Past Chairman, IETE Bangalore. 90 students complted their internship program from various Engineering colleges from Bangalore, Kolar, Hospate and many other places. The faculties were from C-DAC, C-DoT and other industries. Students comleted their hands on practical training at IoT and Embedded lab.

Following topics which were covered during the internship are given below:

1. Embedded Systems and allied topics: ARM Cortex M0 and Architecture Network Protocol etc.
2. Programming and simulations
3. ESP8266 and peripherals and its interfacing
4. IoT and its applications
5. Python programming
6. Raspberry Pi architecture, Peripherals and Programming
7. Data Analytics and many more topics were covered by various experts.



**10. 17-09-2022:** IETE Bangalore organized a **ISF CONGRESS** on Saturday, 17<sup>th</sup> Sept 2022. Dr. C V Ravishankar invited all the student for competitions.

Part of the Event, following technical activities were conducted for ISF students:

1. Technical Quiz Competition
2. Project Competition
3. Photography Competition etc.

Then IETE Bangalore Celebrated Engineer's Day. Dr. T V Prabhakar, Principal Research Scientist, IISc, Bangalore was the Chief Guest and he delivered a talk on Cyber Security.

Dr. M H Kori, Vice-President and Chairman, TPPC also address the gathering. Presidential remarks delivered by Wg Cdr (Prof.) P Prabhakar, President IETE. He appreciated and thanked the entire Bangalore team for putting very hard effort and made the program a grand success in the short period.



**11. 18-09-2022:** IETE Bangalore organised the IETE Zonal Seminar (South) on Sunday, 18<sup>th</sup> Sept 2022 on ‘Cyber Forensics and Cyber Security’. Dr. S D Sudarshna, Executive Director, C-DAC was the chief guest, he inaugurated the zonal seminar in the presence of IETE President.

Following Governing Council Members from Bangalore also address the audience.

1. Dr. M H Kori
2. Sri. G Ramesh
3. Prof. H S Bhatia

Presidential address delivered by Wg Cdr (Prof.) P Prabhakar and he wished the event for its grand success.

Part of the seminar, four technical sessions were arranged on various topics, handled by eminent industry experts.

Session-1: Cyber Security in the Metaverse World handled by Dr. Balaji Rajendran himself.

Session-2: Zero Trust Architecture conducted by Dr. Muraleedharan, C-DAC Bangalore C-DAC Bangalore.

Session-3: Ransomware Detection and Forensics delivered by Mr. Gopinath, C-DAC Bangalore

Session-4: A Detailed Practical Demonstration on How Hackers/Cyber Criminals are Looting E-commerce Platforms by Santosh Chaluvadi (CEO, Supraja Technologies) & Naveen Kumar, CTO, Supraja Technologies conducted with hands on session.



12. **26-28<sup>th</sup> Sept 2022:** IETE Bangalore conducted a corporate training on ‘Technology Strategic for Strategic Weapons’ for BEL Engineers at Bharat Electronics Academy of Excellence (BAE), Nalanda. Dr. Suryanarayan (Retd.), DRDO Director was the Course Director.

13. **05-10-2022:** IETE Bangalore celebrated Ayudha Pooja. Wg Cdr H R Parthasarathy, former Chairman, IETE Bangalore & Governing Council Member performed the customary pooja.



14. **12-10-2022:** A technical talk delivered by Prof. C Murali, DF and Former Vice President, IETE New Delhi at Dayananda Sagar College of Engineering on ‘**Future Technologies by 2030**’ and he motivated them. Prof. H S Bhatia, Former Chairman, IETE Bangalore addressed the students and explained the benefits of ISF and Corporate membership.



**15. 17-20 Oct 2022:** IETE Bangalore conducted Certificate course on “Cambridge English” for LRDE-DRDO. Faculties were from Cambridge University. Mr. Shaik Wajeed, Executive Committee Member and Dr. D G Rao, Hon. Treasurer coordinated the training program. 21 participants completed the same.



**16. 20-22<sup>nd</sup> Oct 2022:** A Corporate training was conducted on **Fundamentals of XR and Its Applications** for BEL Engineers. Mr. Suresh P, PTC Inc., USA was the course faculty.

**17. 01-17<sup>th</sup> Nov 2022:** The Institute of Chartered Accountant Indian (ICAI) Examinations were conducted. A total 3468 students were allocated to our Centre.

**18. 03<sup>rd</sup> Nov 2022:** An Internship program on Industrial IoT(IIoT) for diploma students were conducted. The duration of program was 07 weeks. Sri. K S Ravi, Jt Secretary inaugurated the course. Sri. Vinay Avanchi was the course coordinated. 16 students were successfully completed the internship training.



**19. 04-11-2022:** A technical talk delivered by Dr. C V Ravishankar, Vice-Chairman, IETE Bangalore at RRIT Bangalore on ‘Career guidance after UG and information about PG (MS. M. Tech, GRE, TOEFL, GATE, JRF)’.



## 20. 20-11-2022: IETE Foundation Day Celebrations report



**Meeting with President in President Room**

### Executive Committee Meeting with IETE President

The 69<sup>th</sup> ETE foundation day was celebrated at IETE Bangalore on Sunday, 20<sup>th</sup> Nov 2022. Dr. C P Dwivedi, Chairman, IETE Bangalore welcomed the gathering, he welcomed IETE President, Dr. (Prof.) V Gunasekhar Raddy, Chief Guest, Dr. Venugopal K R, Former Vice-Chancellor, Bangalore University, Past President, Governing Council Member, Senior IETE Fellow Members and Guests & students who were present in large number. Dr. S G Shivaprasad Yadav, Hon. Secretary, IETE Bangalore introduced the chief guest and invited him for a technical theme lecture. Dr. Venugopal K R delivered a lecture on “NEP 2022: A Paradigm Shift in Skill Based Higher Education: Challenges and Opportunities”. Sri. C Satyanandan, Past Chairman had some discussion on the subject, which was clarified by Dr. Venugopal. Dr. C P Dwivedi then introduced the MoU signed between IETE Bangalore and



CMR University. He spoke its benefits and then MoU was exchanged between the parties. Dr. Gunasekhar Reddy, President IETE was the witness of the same and he signed also. Former Chairpersons of the Centre felicitated senior members, Prof. C Murali and Sri. Gerge Cleetus. Both members shared their experiences and delivered the motivation talks to encourage the today's generations. Dr. Gunasekhar Reddy, President IETE presided over the function. He thanked all the corporate members in general and council members in person for their support to elect him as Governing Council Members consecutive three terms and then as IETE President for the year 2022-23. He blessed the IETE Bangalore Centre and promised to support in all the aspect for growth of the Centre.

The Vote of thanks proposed by Dr. D G Rao, Hon. Treasurer, the programme was end after the National Anthem.







21. **21-24 Nov 2022:** A Corporate Training on “**Design Thinking and Innovation for New Product Development**” was conducted for BEL Engineers. Mr. Suryanarayana, Retd. DRDO Scientist was the course director.
22. **06-09 Dec 2022:** A Corporate Training on **Unmanned Systems: Aerial, Ground and Underwater Vehicle and Challenges** " was conducted for BEL Engineers at Nalanda-BAE.
23. **25-11-2022:** Dr. T Thimmaiah Institute of Technology, Kolar in association with IETE Bangalore organized a seminar on “**Non-Linear Control Systems**”. Mr. I Thirunavakarasu, Associate professor, Manipal Institute of Technology, Manipal was the Chief Guest and key note speaker.
24. **26-11-2022:** Dr. Nilanjan Dey delivered a technical lecture at KSIT, Bangalore on “Addressing challenges in Research Publications”.



**25. 30-11-2022 to 16-12-2023:** A 2week youth empowerment program on “Microsoft Power BI” organized by Sambahram Institute of Technology. provide a great platform for young aspiring minds on business, intelligence.



**26. 01-12-2022:** Dr. S Mohan Kumar, Executive Committee member inaugurated ISF at R R Institute of technology as a Chief Guest. Dr. V Ilango was the Guest of Honor and he delivered a technical talk on Computational Thinking.



**27. 01-12-2023:** Sri. Venkateshwara College of Engineering organized one-day seminar on “SALESFORCE DISCOVERY DAY” on 1<sup>st</sup> December 2022. Mr. James Christy, Zonal Manager from Ethnus, the globally recognized skill development organization from Bengaluru was the Chief Guest. The expert has empowered the participants with the importance of global certifications in salesforce.



**28.12.12-2022:** A Team of IETE Bangalore Honorary members visited to Bharat Electronics Corporate Office to meet BEL CMD Shri Bhanu Prakash Srivastava.

The team from IETE consists of Dr. C P Dwivedi, Chairman, IETE Bangalore, Dr. S G Shivaprasad Yadav, Honorary Secretary, Prof. Bhatia, Former G C Member and Past Chairman, IETE Bangalore Centre, Mr. G Ramesh, Former GC Member and Past Chairman, IETE Bangalore Centre.



**29. 21-12-2022:** Sambhram Institute of Technology organised an “**Intra-collegiate Innovative Idea Contest-2022**.



**30. 21-12-2022:** Sri. Venkateswara College of Engineering (SVCE) conducted a one day seminar on “**Financial Awareness Programme on Banking Towards Digital India**” in association with IETE Bangalore.



**31. 26-30 Dec 2022:** Sri. Venkateswara College of Engineering (SVCE) conducted Faculty Develop Program (FDP) in association with IETE Bangalore on **Next Generation Wireless Networks for Autonomous Intelligent Communications**. Dr. M H Kori, Governing Council Member, Inaugurated the FDP and he delivered opening talk. Dr. Y V S Lakshmi was the guest of honor and she took one session during FDP Program.



**32. 15-01-2023:** IETE Bangalore conducted a short-term course on Embedded Systems & Design. Dr. S G Shivaprasad Yadav, Hon. Secretary, IETE Bangalore was the course director.

**33. 24-01-2023:** One Day seminar was conducted by Gopalan College of Engineering & Management and inaugurated of IoT Skill Lab set up by C-DAC, Bangalore. Prof. C Murali, DF & Former Vice-President, IETE was the chief Guest and he inaugurated the same. Prof. C Murali delivered a technical talk on ‘5G and Beyond’.

**34. 26 Jan 2023:** Republic Day was celebrated at IETE Bangalore.



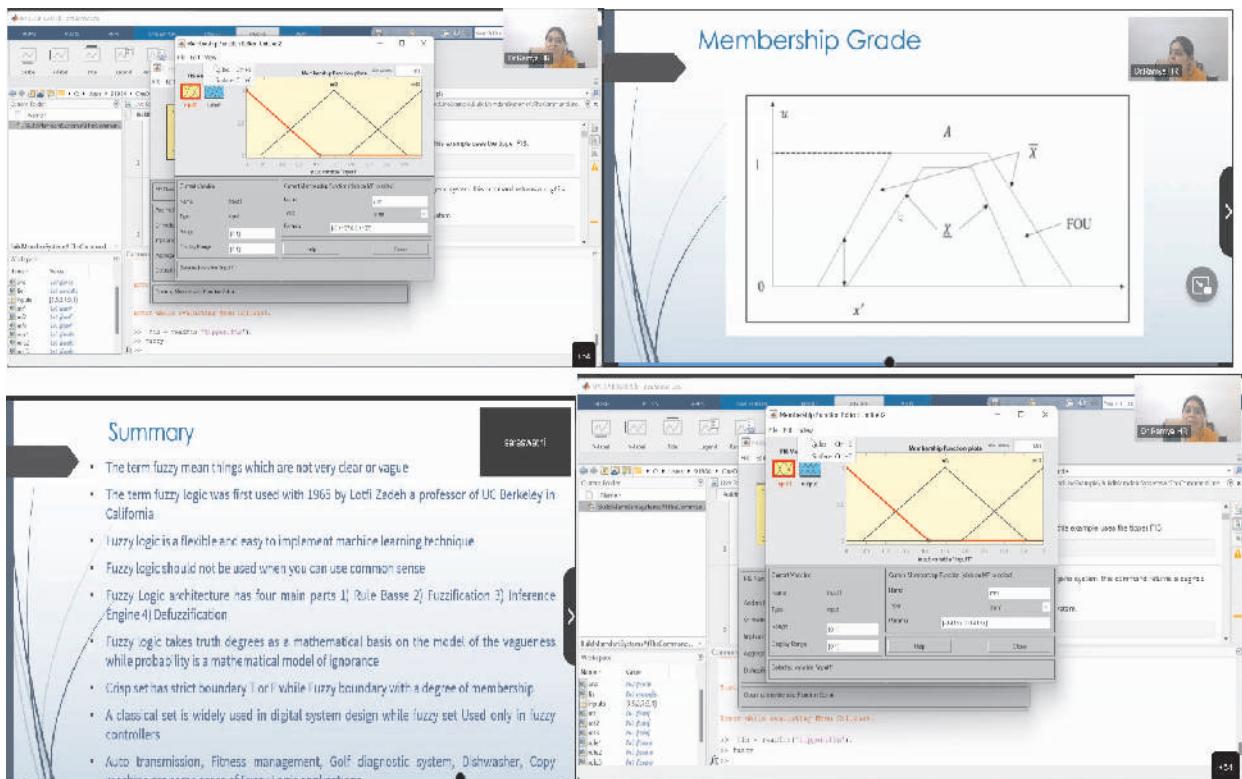
**35. 28-01-2023:** One Day Seminar on Electric Vehicle was organized. Mr. Abhilash R Rout, Sr. Faculty & Consultant from Suprajiv Technical and Management Studies (OPC) Pvt. Ltd., Bangalore was the trainer. 74 students attended the same.

**36. 29-01-2023:** Short term course on Advanced FPGA Design was conducted for Industries and academicians. Mr. Padmanabhan, Coreel Technologies was the Trainer. 33 students joined from various industries like ISRO, DRDO and BEL.

**37. 05-02-2023:** Mr. Padmanabhan conducted a short-term course on Advanced FPGA Design via online for outside delegates. 13 students joined from various industries like ISRO, DRDO and BEL.

**38. 09-02-2023:** Prof. H S Bhatia, former chairman, IETE Bangalore and Dr. C V Ravishnakar, Vice-Chairman, IETE Bangalore Inaugurated the ISF chapter at Dayananda Sagar University, Hosur Road. Bangalore.

**39. 09-02-2023:** The Seminar on “**FUZZY LOGIC AND ITS APPLICATIONS**” was organized R V College of Engineering.



**40. 11-02-2023:** A short term course on MATLAB/Simulink' for 10 Weeks was conducted by IETE Bangalore. 26 students joined the course from PDIC, C-DoT, DARE, ISTRAC etc. Dr. S G Shivaprasad Yadav, Hon. Secretary, IETE Bangalore was the course director.

**41. 15-02-2023:** Intra-Collegiate Innovative Idea Contest was organized by Sambhram Institute of Technology, in association with IETE Student Forum (ISF).



**42.26-02-2023:** National Science Day 2023 was celebrated at IETE Bangalore on 26<sup>th</sup> Feb. '23. The customary Sir CV Raman Memorial Lecture was delivered by Prof Navakanta Bhat, Dean, Division of Interdisciplinary Sciences, Centre for Nano Science and Engineering (CaNSE), Indian Institute of Science (IISc), Bangalore on 'Nano technology in India: Present and Future Prospectus'. Dr V Gunasekhar Reddy, President IETE presided over the celebrations. He addressed the gathering which were there in large number. Dr. C P Dwivedi, Chairman, IETE Bangalore proposed welcome address. Dr. S G Shivaorasad Yadav, Hon. Secretary, IETE Bangalore introduced the Guests of honor. Dr. D S Boramane, Vice-President, IETE spoke about Sir. C V Raman Memorial Lecture. Prof. Baswaraj Gadgai, Vice-President, IETE gave brief about IETE. Dr. M H Kori, Chairman, Academic Committee, IETE HQ introduce the chief guest.

IETE Student Day was celebrated after the Raman Memorial Lecture. Dr CV Ravishankar, Vice Chairman gave an introduction to the Student Day Programme. Students from various engineering colleges participated in the cultural events that followed.

Dr. D G Rao, Hon. Treasurer, IETE Bangalore proposed the vote of thanks.

### **Brief report about talk:**

"There is plenty of room at the bottom; miniaturization has no limit." said Prof. Bhat, speaking about Nanoscience and Nanotechnology. Nanotechnology deals with objects less than 100 nanometre in length. A cube has a surface area to volume ratio of  $6/L$ , and as length L tends to zero, this ratio tends to become infinity. This is an illustration of how everything becomes extremely efficient at nano scale, at which, for example, gold loses all its lustre, water boils in almost zero time.

Prof Bhat dealt with two approaches in fabrication of nano particles, which can be seen only by an electronic microscope, 'bottom up' and 'top down', the latter method being more common. He said the Dept. of Science and Technology of the Govt. of India and the Karnataka Govt. (with its Nanotech Parks) have created huge infrastructure. National Nanofabrication Centre at IISc. established in 2016 Is open to anyone who wants to work in the area. By its Nano Users' Program IISc has trained a large number of students including students from institutions in smaller cities. Bangalore is a leader among Chip designing centres, other hubs being Hyderabad, Pune and NOIDA.

Future opportunities for Nanotechnology are tremendous, said Prof. Bhat. We have still a long way to go, we have still a lot to learn from nature. For example the brain is an amazing computer, in terms of smartness, power efficiency and sensing. While a Google data centre doing comparable work consumes Kilowatts of power, the human

brain needs less than a watt. The nose has six million sensors and can sense a billion odours (an ‘electronic nose’ is in the making). Devices to detect pollution by hazardous gases at a distance are yet to be invented these among thousands of other applications. Indeed, future of brain-inspired computing, and of course, of Nanotechnology is exciting, to say the least.



43. **27-02-2023:** One month Internship on ‘Embedded & IoT Applications’ conducted by IETE Bangalore for Engineering College Students., Dr. S G Shivaprasad Yadav, Hon. Secretary was the course director, IETE Bangalore.
44. **28-02-2023:** IETE Bangalore in association with Sri Venkateshwara College of Engineering, Bengaluru organised a one-day Mini Project Exhibition on account of ‘**National Science Day**’. Along with project exhibition there were Poster, Models and Mini project exhibition.
45. **03-03-2023:** Dr. C P Dwivedi, Chairman, IETE Bangalore Inaugurated ISF at Reva University.



46. **05-03-2023:** A short term training on Python Programming Conducted by Dr. Pramod S for 10 weekends. 62 Participants joined the same and were from DRDO Labs, BEL Unites and ISRO Centre etc.
47. **09-03-2023:** Skill Enhancement Program on Software Tools & Simulators was organized by Sambhram Institute of Technology, in association with IETE Student



**48. 12-03-2023:** International Women's Day celebration was conducted by IETE Bangalore. Smt. IIa Bahadur ITS Executive Director-operations ITI limited, was the Chief Guest, Smt. Padmavathi, Outstanding scientist, ADA, DRDO was the guest of honor. In addition, various women achievers Smt. Preeti Rabindra, ASM Technologies Limited, Smt. Meenakshi Dubey & Dr. Jharna Majumdar, Retired Scientist DRDO/academician and Dr. Y V S Lakshmi C-DOT, were the part of the international women day celebrations. In addition, Executive Committee members, Dr E. Kavitha, Dr G Ranjini and Dr B. Roja Reddy, actively participated in the international women's day celebrations.

Sri Purushothaman in his welcome speech gave warm welcome to all women and men gathered on and off the dais. Dr E Kavitha in her talk about the women's day unfolded details of reason of celebration of international women's Day.

Dr. G Ranjini introduce the Chief Guest Smt. IIa Bahadur stated about the action plan she has brought in her workplace to overcome abuse and gender bias in wages and promotions to women.

Dr Roja Reddy introduced the Guest of honor, Smt.P admavathi outstanding scientist ADA, DRDO addressed the gathering. She expressed that she was the only women present 20 years back in ADA to handle critical issues of design of defence missions, Dr. C P Dwivedi Chairman read the message sent by IETE President from IETE HQ, New Delhi.

There was an interesting panel discussion on the theme Innovation and Technology for Gender equality Moderated by Dr.Y V S Lakshmi C-DOT. Dr Jharna Majumdar, Smt. Meenakshi Dubey and Smt. Preethi Rabindran were the panel members of the discussion. Interesting questions were answered by the women achievers in the panel.



**49. 16-03-2023:** A Technical Talk was organized by ISE department of R V College of Engineering on Introduction and Applications of Transformers. The Technical talk gave an insight on the, Pre-Transformer Era, Transformer Architecture, Applications, Limitations. RNNs were predominantly used for most of the NLP tasks, bidirectional RNN as an encoder and an RNN decoder, with an attention mechanism in between, Proposed initial idea of attention were explained.



**50. 25-03-2023:** A Short-Term Training on Cyber Security conducted by C-DAC executives. Dr. R Balaji organized the faculties from CDAC and he also handled some of sessions. 43 students joined the same from CRL, ARDE, R&D (E), DLDR, NRSC etc.

**51. 31-03-2023:** Hands on Training Session on “Signal Processing” was conducted by Prof. S. Sowndeswari, Asst. Professor, Sambhram Institute of Technology & IETE-ISF Coordinator, Bangalore on in Paavai Engineering College, Namakkal, Tamilnadu for the II Year students of ECE.

**52. 16-04-2023:** AI & ML with Python course started by Dr. Geetha Prakash, She is from Global Program Manager at TOOPLE Technologies Pvt Ltd., Based on Singapore. The training duration is 10 weekends. 16 students joined the same from various industries like DRDO, BEL and ISRO etc.

**53. 19-04-2023:** IETE Bengaluru Sri Venkateshwara College of Engineering, Bengaluru organised a one-day technical seminar on “**Digital Mentorship Program**” on Wednesday, 19<sup>th</sup> April 2023.

**54. 02-20 May 2023:** The Institute of Chartered Accountant Indian (ICAI) Examinations were conducted. A total 3247 students were allocated to our Centre.

**55. 03-05 May 2023:** IETE INTERNATIONAL CONFERENCE INDIA-2023 (iici-2023) On “**AI & ML DRIVING 5G-ADVANCED & 6G**”, Organized by Institution of Electronics & Telecommunication Engineers (IETE) Bangalore jointly with Bharat Electronics Limited (BEL) & Centre for Development of Telematics (C-DOT) At BEL ACADEMY OF EXCELLENCE (NALANDA), BENGALURU during 3<sup>rd</sup> – 5<sup>th</sup> May 2023,

IICI-2023 programs consisted of the following:

- Eight Pre-Conference tutorials on 3 May 2023
- Inauguration, two panel discussions, Six Key note addresses, Two industry talks, Valedictory function, as part of the Main conference on 4 & 5 May'23
- Forty-eight Paper presentations on both days on 4 & 5 May'23
- Fifty-one exhibition stalls from thirty-four exhibitors for the display of products and services on 4 & 5 May'23
- Cultural program on 4 May'23
- Conference dinner on 4 May'23

**Pre-conference tutorials:** Leading experts in the domain of 5G advanced and initial research in 6G / AI/M conducted eight Pre-conference tutorials on 3<sup>rd</sup> May 2023 covering in-depth finer aspects of these technologies.

The Hon'ble Chief Guest Dr. G. Sateesh Reddy, Secretary, Ministry of Defense, Gov. of India inaugurated iici-2023 along with Sri. Sanjeev Agarwal, DoT member (T). Dr. Sateesh Reddy in his inaugural address briefed about various government policies and emphasized the need for timely implementation of new ideas and innovations for which he promised to extend the required support from the government.

The two-day conference comprised 8 plenary sessions, with 2-3 speakers per session. Each speaker was given 15 minutes to present, followed by 5-10 minutes for questions. The conference was structured to foster discussion between participants around the core themes of the small states project. This was achieved by hosting small group debates, minute papers, and full group discussions on pre-prepared questions following each session. Time was allocated at the end of each day for a group reflection on the day's discussions.

**Valedictory function:** The valedictory addresses of Dr. Surendra Pal, Former VC, DIAT & AD, URSC and Shri. Harikumar , GM (Technology), BEL offered an apt conclusion to the conference with specific summing up of the theme of the conference.

Dr. C P Dwivedi, Organizing Chair iici-2023 and Chairman IETE Bangalore Centre profusely acknowledged and thanked the efforts of all the stake holders of iici-2023.





**56. 11-28 May 2023:** Summer School in Electronics and Computers (SUSIEC) is the prestigious activity of IETE Bangalore. As conducted every year in the month of April & May, for this year also IETE conducted activities for the summer school for 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> from 11<sup>th</sup> May 2023 to 28<sup>th</sup> May 2023.

Dr K M Sudarshan, from Reva University was the Course director and Dr Vidya Sagar along with Prof. Krishna Prasad coordinated the SUSIE Program. Many Faculty from Reva University handled the sessions and lab was supported by Shri Das Gupta.

During valedictory function hosted on 28-05-2023 at the beginning project demonstrations and exhibition was presented to the Guests.



- 57. 17-05-2023:** Dr. C V Ravishankar, Vice-Chairman, IETE Bangalore has delivered a talk on World Telecommunication Day at Brindavan College of Engineering, Bangalore on 17<sup>th</sup> May 2022 as Chief Guest.
- 58. 28-05-2023:** IETE Bangalore celebrated World Telecommunication & Information Society Day. Chief Guest was Shri G R Ravi (ITS) Chief General Manager, BSNL Karnataka and Guests of Honor were Dr M H Kori, Former Technical Director of Alcatel Lucent and Governing Council Member, New Delhi IETE, Sri Rabindra Srikantan and Mrs. Preethi Rabindra, Managing director and Chairperson of ASM Technologies Limited Bangalore. Dr M H Kori spoke about the importance of world telecommunications day. He said World Telecommunication Day has been celebrated annually on 17 May since 1969, marking the founding of ITU and the signing of the first International Telegraph Convention in 1865. He said this indeed is a very important day for all electronics and telecommunication engineers. Professor said "Empowering the least developed countries through information and communication technologies" is the theme of this year's World Telecommunication and Information Society Day programme He also stressed the need to know the importance of this day by all young engineers. Dr Chandra Dwivedi Chairman IETE said that it was framed to be celebrated on 17<sup>th</sup> May but due to the summer school activities it was rescheduled to this day and also, he stressed the need of celebration of this day by IETE and also all electronics and telecommunication engineers. This function was concluded with national anthem sung by all people on and off the dais.



59. 12-06-2023: ISF Inaugurated at Sri. Venkateswara College of Engineering by Prof. H S Bhatia, Former IETE Bangalore Centre and Dr. C V Ravishankar, Vice-Chairman, IETE Bangalore was Guest of honor and key note speaker.

60. 15-06-2023: Dr. S G Shivaprasad Yadav, Hon. Secretary, IETE Bangalore inaugurated ISF at SJCIT, Chickaballapur. Dr. C V Ravishankar, Vice-Chairman, IETE Bangalore was the Guest of Honor and Key Note speaker.

### ***Revenue Generation Activities***

**1. 01-17<sup>th</sup> Nov 2022:** The Institute of Chartered Accountant Indian (ICAI) Examinations were conducted. A total 3468 students were allocated to our Centre.

**2. 02-20<sup>th</sup> May 2023:** The Institute of Chartered Accountant Indian (ICAI) Examinations were conducted. A total 3247 students appeared for the CA exams in 16 sessions.

**3. MoU signed between IETE Bangalore & CMR University, Bangalore for training courses, Projects Work and Internship etc.**



**Dr. S G Shivaprasad Yadav**  
**Hon. Secretary**  
**IETE Bangalore**



**K Lokesh & Co.,**  
Chartered Accountants

### INDEPENDENT AUDITORS REPORT

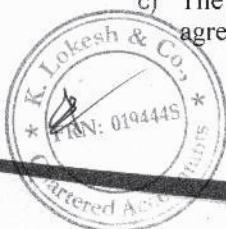
To  
**The Chairman,**  
**The Institution of Electronics and Telecommunication Engineers**  
**Bangalore – center.**

We have audited the attached Balance sheet of The Institution of Electronics and Telecommunication Engineers as at 31.03.2023 and also the annexed Income and Expenditure Account of Institute for the period ended on that annexed thereto. The Financial statements are the responsibility of the management. Our responsibility is to express an opinion on the financial statements.

We conducted our audit in accordance with accounting standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatements. An audit includes a) examining on a test check basis, evidences supporting, b) an audit also includes assessing the accounting principles used in preparation of the financial statements. c) assessing significant estimates made by the management in the preparation of the financial statements and d) evaluating, overall financial statements presentation. We believe that our audit provides, a reasonable test check basis for our opinion.

We Report that:

- a) We have obtained all the necessary information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- b) In our opinion, proper Books of Accounts as required by the law have been kept by the institute so far as appears from our examination of the books of the Institute.
- c) The Balance sheet and Income and Expenditure account referred to in this report are in agreement with the books of Accounts of the Institute.



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 4th Block, Sri Rama Mandira Road,  
 Rajajinagar, Bengaluru - 560 010.

Ph:+91-77609 50460

E-Mail:[info@aasllp.in](mailto:info@aasllp.in)

## K Lokesh & Co.,

Chartered Accountants

- d) In our Opinion and to the best of our information and according to the explanations given to us, the said Balance sheet and Income & Expenditure Account give the information in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.
- i. In case of the Balance sheet, of the state of affairs of the Institute as at 31st March, 2023 and
  - ii. In case of Income & Expenditure Account of the Institute, of the Surplus of income over expenditure for the year ended on that date.

For and on behalf of

**K Lokesh & Co.,**

**Chartered Accountant**

**FRN: 019444S**

**Lokesh Kuruba**

**M.No: 242181**

**UDIN:23242181BGXTME7602**

**Date: 09.06.2023**

**Place : Bangalore.**



The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre  
Balance Sheet as on 31.03.2023

Source of Funds	Annex	31.03.2023	31.03.2022	Application of Funds	Annex	31.03.2023	31.03.2022
Permanent Reserve	A	5,625,328	5,625,328	Fixed Assets	H	2,726,314	2,878,418
General Fund	B	4,205,467	3,247,173	Earmarked FD's	I	5,591,920	5,302,613
Memorial Funds	C	831,559	811,255	Sundry Debtors	J	766,890	285,000
Library Fund	D	60,500	60,500	Balance in Bank Accounts	K	482,098	326,925
IETE Infrastructure Fund	E	90,890	88,494	Cash in Hand		19,915	3,822
Sundry Creditors	F	10,000	10,000	Other Deposits	L	3,991	3,991
	G	-	-	Advance Receivable in Cash or Kind	M	1,714,593	1,275,567
Loan from HQ for IOT Lab			175,000				
Other Current Liabilities		481,977	58,587				
<b>Total</b>		<b>11,305,721</b>	<b>10,076,337</b>	<b>Total</b>		<b>11,305,721</b>	<b>10,076,337</b>

As per report even dated

K Lokesha & Co.,  
Chartered Accountants

FRN: 019444S

Lokesha & Co., \* FRN: 019444S \*  
Chartered Accountants  
M/N: 242181 UGXTMEL7602  
UDIN: 23242181 BGXTMEL7602  
Place: Bangalore Date: 09.06.2023

D G Rao  
Hon. Treasurer

S G Shivaprasad Yadav  
Hon. Secretary

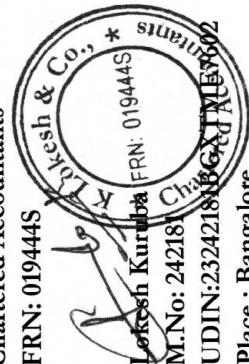
C P Dwivedi  
Chairman

S G Shivaprasad Yadav  
Hon. Secretary

The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre Income & Expenditure Account for the period ending 31.03.2023					
Expenditure	31.03.2023	31.03.2022	Revenue	31.03.2023	31.03.2022
Centre Income ( 10% of Surplus 21-22)	30,000	-	Annual Grant from HQ	180,000	180,000
Seminar & Tech Activities ( Schedule-M)	1,942,768	1,340,178	Seminar & Tech Activities	4,733,411	2,483,720
Membership fee Paid to HQ	323,741	94,493	ISF Grant from HQ	100,474	19,741
IETE International Conference India - 2023	91,497	3,527	C V RAMAN MEMORIAL LECTURE	80,789	-
Augmented Reality Lab's	-	31,069	IETE IRSI & N V Gadhadhar Fund	40,000	40,000
Annual General Meeting	148,182	8,117	BEL-IETE-SYMPOSIUM	1,302,395	-
Administration Expenses ( Schedule-N)	2,211,216	1,342,987	Interest Received	268,579	315,713
Memorial Funds ( N V Gadhadhar)	10,000	10,000	Other Misc. Receipts	-	350
BEL-IETE-SYMPOSIUM	955,163	-	ISF Membership Fee	220,115	64,312
Depreciation -	338,768	346,492	Donation Received	77,500	26,400
			Received from HQ (Exams)	-	34,154
Excess of Revenue over Expenditure transferred to General Fund	951,928	(12,471)			
Total	7,003,263	3,164,390	Total	7,003,263	3,164,390

As per report even dated

K Lokesh & Co.,  
Chartered Accountants  
FRN: 019444S \*



Place : Bangalore  
Date: 09.06.2023

  
S G Shiva Prasad Yadav  
Hon. Secretary

  
C P Dwivedi  
Chairman

D G Rao  
Hon. Treasurer

**The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre****Annexure - A  
Permanent Reserve**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Balance as per the Last Balance sheet	5,625,328	5,625,328
Add: Transfer from		
Other Fund if any (Specify)		
Less: Transfer to Memorial Funds		
<b>Total</b>	<b>5,625,328</b>	<b>5,625,328</b>

**Annexure - B  
General Fund**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Balance as per the Last Balance sheet	3,273,843	3,286,314
Add: Transfer from		
Income & Expenditure Account	951,928	(12,471)
	4,225,771	3,273,843
Less: Transfer to Income & Expenditure Account		
Other Fund: ( Transferred to respective to memorial funds)	20,304	26,670
<b>Total</b>	<b>4,205,467</b>	<b>3,247,173</b>

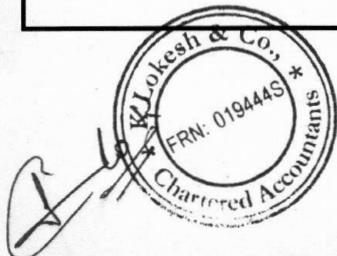
**Annexure - C  
Memorial Lecture Fund**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Memorial Lecture Fund		
Prof. NS Nagaraja	481,966	475,842
Prof. K Srinivasan	57,448	56,718
Sri P Kailasanath	83,380	79,920
ITI Ltd Endowment Fund	208,765	198,775
	831,559	811,255
Less: Paid/Expenses During the Year		
<b>Total</b>	<b>831,559</b>	<b>811,255</b>

Place : Bangalore

Date: 09.06.2023

(Chairman)



**The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre****Annexure - D  
Library Fund**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Balance as per the Last Balance sheet	60,500	60,500
Add: Received during the Year		
Total	60,500	60,500
Less: A) Purchased and Transferred to Permanent reserve		
B) Refund during the Year		
<b>Total</b>	<b>60,500</b>	<b>60,500</b>

**Annexure - E  
IETE Infrastructure Fund**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Balance as per the Last Balance sheet	88,494	85,482
Add: Received during the Year		
Add: Interest received during the Year	2,396	3,012
Total	90,890	88,494
Less: A) Purchased and Transferred to Permanent reserve		
B) Refund during the Year		
<b>Total</b>	<b>90,890</b>	<b>88,494</b>

**Annexure - F  
Sundry Creditors**

<b>Particulars</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
<b>Sundry Creditors</b>		
Other Creditors	10,000	10,000.00
<b>Total</b>	<b>10,000</b>	<b>10,000</b>

Place : Bangalore

Date: 09.06.2023

(Chairman)



## The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre

## Annexure - G

## Advance Money from HQ for IOT Lab

Particulars	31.03.2023 Rs.	31.03.2022 Rs.
Balance as per the Last Balance sheet	175,000	500,000
Add: Received during the Year		
Total	175,000	500,000
Less: A) Purchased and Transferred to Permanent reserve	-	75,000
B) Refund during the Year	-	250,000
C) Amount adjusted against annual grant	175,000	
<b>Total</b>	<b>-</b>	<b>175,000</b>

## Annexure - J

## Sundry Debtors

Particulars	31.03.2023 Rs.	31.03.2022 Rs.
Short Term Courses	554,600	285,000
ISF GRANT ( 2021)	8,290	
ISF GRANT	83,211.00	-
IRSI AWARD	30,000.00	-
Sir C V RAMAN MEMORIAL Lecture	80,789.00	-
Memorial Funds ( N V Gadadhar)	- 10,000.00	
<b>Total</b>	<b>766,890</b>	<b>285,000</b>

## Annexure - K

## Cash at Bank

Particulars	31.03.2023 Rs.	31.03.2022 Rs.
Student Fund SBI SB A/c No: 7416	5,154	5,154
IICI Bangalore SBI Current A/c No : 7802	24,116	27,478
Union Bank SB A/c No:26973	89,767	87,371
Canara Bank SB A/c No: 02712	8,922	8,835
SBI - BIS Current A/c No: 94199	101,242	-
State Bank of India SB A/c No : 4906	252,897	198,087
<b>Total</b>	<b>482,098</b>	<b>326,925</b>

## Annexure - L

## Deposits

Particulars	31.03.2023 Rs.	31.03.2022 Rs.
<b>Deposits</b>		
Telephone Deposit	1,761	1,761
Electricity Deposit	2,230	2,230
<b>Total</b>	<b>3,991</b>	<b>3,991</b>

## Annexure - M

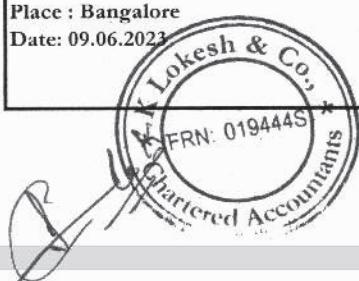
## Advances Receivable in cash or Kind

Particulars	31.03.2023 Rs.	31.03.2022 Rs.
Receivable from HQ (MTS11)	400,000	400,000
Receivable from HQ (ATC -12)	470,807	470,807
<b>Annual Grant Receivable HQ FY 2021-22</b>	<b>37,500</b>	<b>- 67,500</b>
TDS Receivable for AY 2018-19	36,080	36,080
TDS Receivable for AY 2021-22	179,360	179,360
TDS Receivable for AY 2022-23	121,820	121,820
TDS Receivable for AY 2023-24	469,026	-
<b>Total</b>	<b>1,714,593</b>	<b>1,275,567</b>

Place : Bangalore

Date: 09.06.2023

(Chairman)



IETE BANGALORE CENTRE ANNUAL REPORT 2022-2023

The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre  
Annexure -I

FD Statement of IETE Bangalore

SI No.	Account No.	Account Name	Bank Name	Principle Amount	Accrued Interest	Interest Received	Value as on 31.03.2023	Maturity Date
1	64057170888	IETE Students Fund	SBI	99,575	3,318	3,602	106,724	10/10/2023
2	64217183061	IETE Bangalore Centre	SBI	66,573	2,851	572	70,406	28/07/2023
3	64058837127	IETE Bangalore Centre	SBI	213,717	8,314	2,574	227,590	30/03/2024
4	64027538340	IETE Bangalore Centre	SBI	814,956	31,702	9,820	867,868	10/10/2023
5	64207046751	IETE Bangalore Centre	SBI	141,916	1,714	5,723	141,171	18/04/2024
6	38092817161	IETE Bangalore Centre	SBI	400,000	235	21,184	400,000	30/03/2024
7	39189456061	IETE Bangalore Centre	SBI	444,182	2,155	21,497	465,044	30/03/2024
8	64217184190	IETE Bangalore Centre	SBI	133,154	5,702	1,145	132,468	18/04/2023
9	64058837172	IETE Bangalore Centre	SBI	213,286	8,297	2,569	227,132	10/10/2023
10	39801003311	IETE Bangalore Centre	SBI	540,587	11,610	17,792	580,733	27/03/2024
11	38353013381	IETE Bangalore Centre	SBI	610,474	21,497	2,155	610,474	30/03/2024
14	140009053249/1	IETE Bangalore Centre	Canara Bank	79,920	43	3,827	84,016	24/04/2023
15	140036203686/1	IETE Bangalore Centre	Canara Bank	475,841	1,678	5,127	481,965	23/12/2023
16	140000436276/1	IETE Bangalore Centre	Canara Bank	197,700	3,345	7,755	208,800	21/07/2023
17	140036203098/1	IETE Bangalore Centre	Canara Bank	56,718	216	596	57,448	23/12/2023
18	40036204314/1	IETE Bangalore Centre	Canara Bank	870,472	13,327	36,821	915,605	23/12/2022
		Total		5,359,071	116,003	142,758	5,577,444	

For and on behalf of

K Lokesh & Co.,

Chartered Accountants

FRN: 019444S

Lokesh Kuruba

M.No: 242181

UDIN:23242181BGXTME7602

Place : Bangalore

Date: 09.06.2023

C P Dwivedi  
Chairman

S G Shivaprasad Yadav  
Hon. Secretary

D G Rao  
Hon. Treasurer

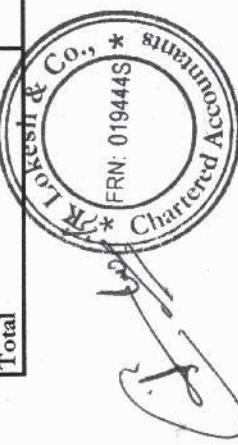


## The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre

Annexure - H

## Details of Fixed Assets as on 31.03.2023

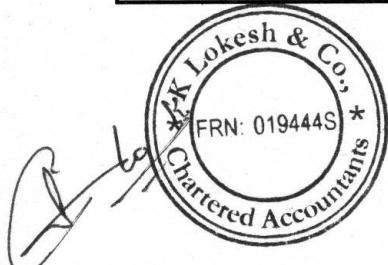
Particulars	Rate of Dep	Gross Block			Depreciation			Net Block		
		As on 01.04.2022	Additions	Sales (Adj)	Total as on 31.03.2023	Upto 01.04.2022	For the Year	H=F+G	I=E-H	As on 31.03.2022
Building	A	B	C	D	(E=B+C-D)	F	(G=J*A)	H=F+G	I=E-H	J=B-F
Building	10%	7,177,874	-	-	7,177,874	6,041,484	113,639	6,155,123	1,022,751	1,136,390
Lift	15%	1,509,838	-	-	1,509,838	1,267,103	36,410	1,303,513	206,325	242,735
Air Conditioner	15%	336,236	-	-	336,236	295,583	6,098	301,681	34,555	40,653
Furniture & Fixtures	10%	854,410	-	-	854,410	688,725	16,568	705,294	149,116	165,685
Slide Projectors Etc	15%	120,109	-	-	120,109	91,435	4,301	95,736	24,373	28,674
Computers and Laptops	40%	1,073,136	186,664	-	1,259,800	1,071,238	38,092	1,109,330	150,470	1,898
Laboratory Equipment's	15%	540,020	-	-	540,020	492,796	7,084	499,880	40,140	47,224
IOT Lab	15%	1,062,127	-	-	1,062,127	352,295	106,475	458,769	603,358	709,832
Office Equipment	15%	76,758	-	-	76,758	75,807	143	75,950	808	951
Motor Car	15%	515,280	-	-	515,280	77,292	-	77,292	437,988	437,988
Generator	15%	72,881	-	-	72,881	24,174	-	7,306	31,480	41,401
LED Board	15%	27,400	-	-	27,400	9,720	2,652	-	12,372	15,028
<b>Total</b>		<b>13,366,069</b>	<b>186,664</b>	-	<b>13,552,733</b>	<b>10,487,651</b>	<b>338,768</b>	<b>10,826,419</b>	<b>2,726,314</b>	<b>2,878,418</b>



## The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre

## Schedules to Income &amp; Expenditure Account for the period ending 31.03.2023

Income	31.03.2023 Rs.	31.03.2022 Rs.
<b>Seminar and Tech Activities</b>		
BEL Corporate Training	1,498,275	1,188,243
CA Exams	834,093	705,233
IETE Exams	20,000	15,000
S.U.S.I.E.C { Summer Camp }	49,500	6,000
Short Term Courses	2,270,343	569,244
ISF Congress and Zonal Seminar	61,200	-
<b>Total</b>	<b>4,733,411</b>	<b>2,483,720</b>
<b>Interest Received</b>		
Interest on S.B. Account	6,806	8,250
IETE Infrastructure Fund	3,012	3,012
Interest on F.D. Account	142,758	152,959
Interest accrued on F.D. Account	116,003	151,492
<b>Total</b>	<b>268,579</b>	<b>315,713</b>



**The Institution Of Electronics And Telecommunication Engineers : Bangalore Centre****Schedules to Income & Expenditure Account for the period ending 31.03.2023****Schedule -N**

<b>Expenditure</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
<b>Administration Expenses</b>		
Advertisement	12,944	22,302
Audit Fee	10,000	10,000
Bank Charges	563	443
Travel & Conveyance Expenses	66,112	23,979
Ecolab's LMS Subscription	-	5,650
Electricity Charges	93,049	90,743
Honorarium & Salary to Staff	881,838	755,491
Ayudha Pooja Expenses	9,494	5,726
Printing & Stationery	60,004	50,209
Professional Charges	24,000	22,000
Repairs & Maintenance	49,768	167,184
Telephone and Internet Expense	14,088	17,961
Vehicle Maintenance	54,908	39,356
Rates & taxes ( BBMP tax)	662,104	9,760
Water Charges	102,528	78,842
Misc. Exp	-	9,528
Incidental Expense	9,932	7,148
EC meeting Expenses	159,884	26,665
<b>Total</b>	<b>2,211,216</b>	<b>1,342,987</b>

**Seminar and Tech Activities****Schedule -M**

<b>Expenditure</b>	<b>31.03.2023</b> <b>Rs.</b>	<b>31.03.2022</b> <b>Rs.</b>
Engineer's day	4,171	30,450
Women's Day	104,611	29,395
S U S I E C ( SUMMER CAMP )	48,774	3,000
ISF Programme	1,200	1,230
Foundation Day	82,334	42,712
Independence Day	4,833	3,133
Republic Day	1,200	9,644
Students Day	15,658	24,843
IRSI Award Expenses	12,192	26,755
IETE Exam Expenses	29,995	94,493
CA Exam	357,697	394,295
IOT Lab Maintenance	8,008	2,200
CV Raman Memorial lecture	89,961	10,547
Internship Training Expenses	151,750	-
Short Term Courses	586,763	135,013
BEL Corporate Training	443,621	532,468
ISF Congress and Zonal Seminar	120,588	-
<b>Total</b>	<b>1,942,768</b>	<b>1,340,178</b>



# A moment of pride for IETE Bangalore

