



### Message from the Chairman



**Dear Members,**

It gives me an enormous pleasure to present this 5<sup>th</sup> issue of IETE Bi-Monthly Newsletter. With all your support and guidance IETE-Hyderabad Centre continues to serve the Electronics and Computer Science students,

faculty and members with the motto of advancement in Science & Technology.

You all know that IETE was founded in 1953 with its HQ in Delhi has 63 Centres across India and serves more than 1,25,000 members. The Institution provides leadership in Scientific and Technical areas of direct importance to the National Development and Economy. IETE has been recognized by Government of India as a Scientific and Industrial Research Organization (SIRO) and also notified as an Educational Institution of National Eminence.

IETE Hyderabad Centre the 2<sup>nd</sup> largest centre among the other Centres in India is doing its best, though the pandemic has become the big obstruction for conducting our regular events physically at our centre.

We have conducted **Women's Day Celebrations** physically in the IETE Centre on 14<sup>th</sup> March, 2021. Smt Geeta Vardan, Former Director, ADRIN & Program Director, ISRO Hqrs was the Chief Guest and Dr Sandhyar V. Kode, founder Director, EnhanceEdu, IIIT Hyderabad delivered the keynote lecture on the topic **"Empowering Yourself and Transforming Your Life"**. On this day Essay Writing Competition was held for the students from various Engineering Colleges.

Prizes and participation certificates has been issued to student participants. We have also conducted physically a **'3-Day Boot Camp'** at RCI, DRDO, Hyderabad for Scientists on **"Internet of Things (IOT)"** from 9<sup>th</sup> to 11<sup>th</sup> March, 2021. The program was very well received and appreciated by the RCI, DRDO. We are requesting other similar organizations to give us the opportunity to conduct such programs.

On 13<sup>th</sup> April, 2021 we have conducted **"IETE Students Forum Coordinators Meet"** at our campus physically. The main agenda of the program was to strengthen the ISF's at various Engineering Colleges and conducting workshops, Short Term Courses and Mini and Major Projects and other events in collaboration with IETE Hyderabad Centre. The program was attended by HOD's, Faculty and ISF Co-ordinators from various Engineering Colleges and it was a grand success.

Happy to mention that our regular Sunday Weekly Webinars of **'Knowledge Sharing Secessions (KSS)'** is going on very well without any break. I am very grateful to all the Webinar Speakers, Chief Guests and all the participants for making this series a grand success. I request all the members, faculty and students to make use of the events and let's go together by giving your valuable suggestions in conducting more such professional and enrichment programs.

Thank you all & Stay Safe and Stay Home.

**Er. K. Gnaneshwar Rao (Chairman)**

## EVENTS

### WOMEN'S DAY CELEBRATIONS

IETE Hyderabad centre have organized a colorful function on 14<sup>th</sup> March, 2021 to celebrate the International Women's Day. Smt. Geeta Varadan Former Director, ADRIN & Programme Director, ISRO Hqrs Bangalore was the Chief Guest. Dr. Sandhya V. Kode, Founder Director, EnhanceEdu, IIT Hyderabad delivered the Keynote lecture on the topic **"Empowering yourself and Transforming your Life+"**. Essay writing competition was also held on this occasion in which students from Engineering Colleges participated.

Sharing her life experiences with the participants, Dr. Kode exhorted the students to imbibe the knowledge gained in the and applying it in real life, so that empowerment happens and one progresses in life. Women have an added challenge in this regard as they have to balance domestic responsibilities with career requirements. The stress involved in the process can be overcome by practicing yoga and meditation regularly, she said. Learn, unlearn, re-learn is the triple in general to be always kept in view in once journey through life.

Smt. Geeta Varadan in her address underline the importance of education in empowering oneself. Women have come a long way in the fields like, engineering which were traditionally denied to them. Career women should not neglect their family life, as a balance between career and family is essential for fulfillment and success. Earlier Er. K Gnaneshwar Rao, Chairman IETE Hyderabad Centre welcomed the gathering, and Er. Nuli Namassivaya, Honorary Secretary briefed about the activities of Hyderabad Centre.

At the end the vote of thanks were proposed by Smt. T Sandhya, Chairman, Women Empowerment Sub – Committee, and appreciated the support extended by Sri A Sarveswar Rao, Co-opted Sub – Committee Member for co-Sponsoring the International Women's Day event.



Group photo of Women's day Participants



Women Participants on Women's Day



Inauguration of Bi-monthly News Letter

## Women's Day Celebrations Photos



Address by Dr. Sandhya V Kode



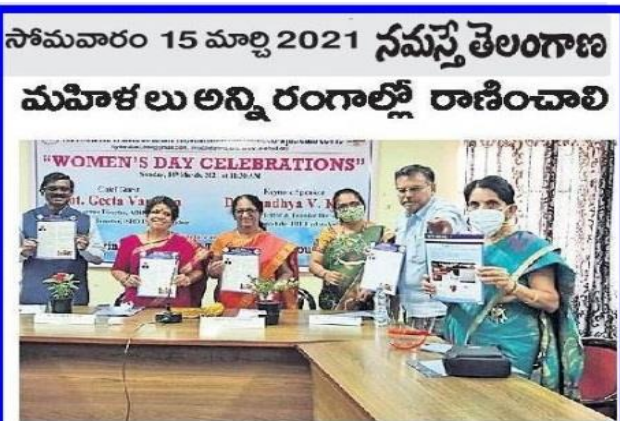
Address by Ms. Geetha Varadan(Chief Guest)



Speaker Interaction with participants



Felicitation to Dr. Sandhya V Kode



వకూటీకా న్యూస్ లెటర్‌ను ఆవిష్కరిస్తున్న అతిథులు

ఉన్నావియా యూనివర్సిటీ, మార్చి 14: ఉన్నావియా యూనివర్సిటీ క్యాంపస్‌లోని ది ఇన్‌స్టిట్యూషన్ ఆఫ్ ఎలక్ట్రానిక్స్ అండ్ టెలికమ్యూనికేషన్ ఇంజనీరింగ్ (ఐకాటీకా) హైదరాబాద్ చాప్టర్ (మెకాస్టార్ ఆడిటోరియం)లో ఆదివారం ఘనంగా మహిళా దినోత్సవాన్ని నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథులుగా ఇస్రో ప్రోగ్రామ్ డైరెక్టర్ గీత వరదన్, హైదరాబాద్ ట్రైపుల్ ఐటీకి చెందిన ఎన్‌హ్యాన్‌ఎడ్యు వీఫ్ మెంటార్, ఫౌండర్ డైరెక్టర్ డాక్టర్ సంధ్య వి కోడె హాజరయ్యారు. ఈ కార్యక్రమంలో వారు 'ఎంపవరింగ్ యువర్ సెల్ఫ్ అండ్ ట్రాన్స్‌ఫార్మింగ్ యువర్ లైఫ్' అనే అంశంపై మాట్లాడారు. మహిళలు అన్ని రంగాల్లో ముందడుగు వేయాలని సూచించారు. ఈ సందర్భంగా ఐకాటీకా న్యూస్ లెటర్‌ను ఆవిష్కరించారు. కార్యక్రమంలో ఐకాటీకా హైదరాబాద్ సెంటర్ చైర్మన్ జ్ఞానేశ్వర్ రావు, కార్యదర్శి నమశ్శివాయ, మహిళా విభాగం అధ్యక్షురాలు సంధ్య, సమన్వయకర్త దేవయ్య పాల్గొన్నారు.



Felicitation to Ms. Geetha Varadan (Chief Guest)



Prize Distribution to the Essay Writing Winners

## "3 – Day BOOT Camp at RCI on Internet of Things (IoT)"

IETE Hyderabad Centre is Conducted 3- Day Boot Camp Session from 09.03.2021 to 11.03.2021 and during the timings from 09.30 A.M. to 04:30 P.M on "Internet of Things ( IoT)" physically at RCI Centre.

Total 17 no. of Scientists attended in this BOOT Camp. Session started with inaugural program, in this Honorary Secretary delivered his speech about IETE and benefits of Membership. Later on continued with Theoretical in all the morning sessions of all the three days and afternoon sessions' Scientists Experienced hands-on training on IoT.



Inauguration Ceremony at RCI for the  
**3 - Day BOOT CAMP on IoT**



Hands – on Experiments during the **3 - Day BOOTCAMP on IoT at RCI**

## Covid Discounts for New Memberships:

IETE is offering Covid-19 discounts till June, 2021, for new memberships of various categories. The table below shows the discounts and fee details for the various categories.

**Total fee for Life Membership including 18% GST (Fee depends on AGE and Category)**

Age	Fellow Member		Member		Associate Member	
	Normal	25% Discount	Normal	25% Discount	Normal	25% Discount
Up to 35	NE	NE	7670	<b>5752.5</b>	6490	<b>4867.5</b>
36to 60	9440	<b>7080</b>	8260	<b>6195</b>	7080	<b>5310</b>
Above 60	7080	<b>5310</b>	5900	<b>4425</b>	5310	<b>3982.5</b>

Existing Corporate Members applying for higher category have to pay as follows:-

Associate Member to Fellow Rs.3000/- + 18% GST

Member to Fellow Rs.2000/- + 18% GST

Associate Member to Member Rs.2000/- + 18% GST.

We hope this Newsletter is useful to the members to know about the activities of the IETE Hyderabad centre and look forward to your feedback and suggestions for further strengthening of the Centre.

## WEBINARS

### Webinar – 35

**Two Day Workshop**

**TOPIC : DATA SCIENCE USING R**

**DATE:** 13<sup>th</sup> – 14<sup>th</sup> March, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video Meeting App



**Dr A. V. Krishna Prasad**

M.Tech (CSE), PhD (CS)  
Associate Professor  
CSE Department,  
Maturi Venkata Subba Rao  
(MVSRR) Engineering College

### Webinar – 37

**TOPIC : COMMUNICATION TECHNOLOGIES FOR IoT**

**DATE:** 21<sup>st</sup> March, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video Meeting App



**Dr. Shatrughna Prasad Yadav**

HOD, Department of ECE  
Guru Nanak Institutions  
Technical Campus, Ibrahimpatnam,  
Hyderabad.

### Webinar – 40

**TOPIC : DEEP LEARNING USING PYTHON**

**DATE:** 04<sup>th</sup> April, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video App



**Mr. G N S V PRASAD**

Senior Software Engineer  
Voidmain Technologies, Hyderabad

### Webinar – 41

**TOPIC : ARTIFICIAL INTELLIGENCE AND 5G**

**DATE:** 11<sup>th</sup> April, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video App



**Brig. Dr. V D Abraham, SM (Retd)**

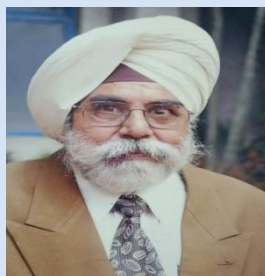
B Tech, M Tech, MBA, PhD (ECE), FIETE, FIE  
Past Governing Council Member,  
IETE New Delhi.

### Webinar – 42

**TOPIC: INTRODUCTION TO RADAR SYSTEM**

**DATE:** 18<sup>th</sup> April, 2021 (Sunday) at 10.30AM

**OFFLINE:** Through Google Meet Video App



**Prof. HS BHATIA**

Chairman of IMAPS-I  
Former Chairman, Institute of  
Defence Scientists and  
Technologists (IDST) Bangalore  
Region. Immdt. Past Chairman,  
IETE- Bangalore Center

### Webinar – 43

**One Day Workshop**

**TOPIC: Introduction to Verilog HDL**

**DATE:** 25<sup>th</sup> April, 2021 (Sunday) at 10.30AM

**ONLINE:** Through GoToMeeting Video App



**Mr. RAJA BANDI**

Founder and Director  
Lucid Institute of VLSI Education,  
Hyderabad.

## IETE Student's Forum Coordinators Meeting

IETE Students Forum Coordinators Meeting was held at IETE Hyderabad Centre on April 3, 2021. IETE related matters were discussed. It was suggested that student activities should be held at the college campuses and reported for wider publicity through the newsletter. An important suggestion made was starting of placement services for students under the aegis of IETE. That will be a great facility for shaping their careers. It will also encourage more and more students to join the IETE membership and take active part in IETE activities.



## Webinar – 33

**TOPIC :** ABALA TO SABLA

**DATE:** 07<sup>th</sup> March, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video App



**Dr. FRANCES VAIDYA**

President of Inner Wheel Club of Bombay Film City

## Webinar – 38



**Shri U.V. WARLU 19th Memorial Lecture (ML) – 07**

**TOPIC :** ADAPTIVE CONTROL SYSTEM FOR WALL CLIMBING ROBOTS

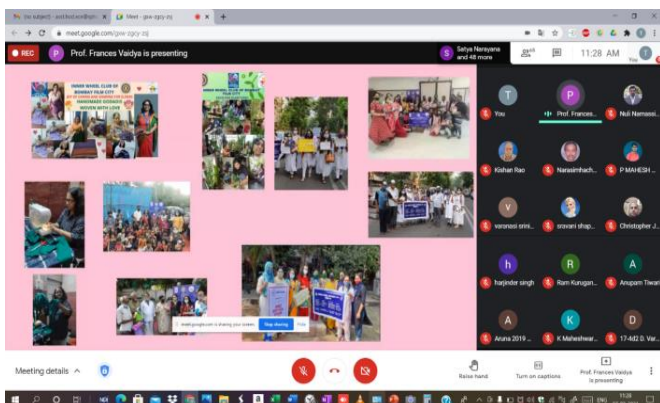
**DATE:** 28<sup>th</sup> March, 2021 (Sunday) at 10.30AM

**ONLINE:** Through Google Meet HD Video App



**Dr. UPPU RAMACHANDRAIAH**

Professor & Head, CENSE Research Centre,  
School of Electrical sciences, Hindustan Institute of  
Technology and Science (HITS)  
(Deemed to be University), Chennai, India.



## OBITUARY

### Dr. Eshwar Bhagiratha Rao

With profound grief it is to inform that Dr. Eshwar Bhagiratha Rao, FIETE (F025016) Passed away on 22-03-2021. Dr. Eshwar Bhagiratha Rao, DLRL Scientist & Team Leader of HRP, Founder Director of DEAL, Dehradun, Former Director, DLRL and Director & Dean of IAT (now DIAT), Pune was 90. He was a great mentor, dynamic, sincere very dedicated personality of all the times eager to learn, adapt and deliver to the society till his last days on scientific matters, modern technologies, Electronics and Physical Sciences.

A dedicated Defence Scientist of Electronics, he established Inter-Terrestrial Links to all Himalayan ranges and Satellite Communications for Defense Applications. Expert in Radar, EW, AI/ML, IoT, AR/VR and above all a leading Scientist and Researcher during early 1950s era on Low latitude Ionosphere Research activities. A Great Teacher and Motivator to all young Students, Scientists, Technologists, Entrepreneurs. He was also a very kind human being. He was a contemporary of the father of missile technologies in India, our Dr. A P J Abdul Kalam.

### Shri Peri Viswanatham

Shri Peri Viswanatham, DDG(E)(Rtd.), All India Radio, Passed away on 24.12.2020 at his residence in Hyderabad. Shri P Viswanatham was born on 26.01.2046. After Graduating in Electrical and Electronics Engineering, he got selected for I(B)ES service and joined ASE on 06.01.1967. He worked in various capacities in AIR station of Shimla, Goa, Parbhani, Aurangabad, Bombay, Vijayawada, Jeypore – Odisha, Hyderabad and retired as superintending Engineer at AIR, Kadapa on 31.01.2006.

In the Longspan of his career of 39 years, he contributed all his might serving the department in various managerial capacities. His Technical aptitude, humane attitude and enthusiastic inclination to learn advancements in the technological arena stand exemplary forever. His decorum in official and personal life to remembered for long. He was a Life Fellow of IETE and Life Member of Broadcast Engineer's Society and was relentlessly involved in its activity at IETE, Hyderabad Chapter.



## R & D Projects

❖ Mini Projects / Major Projects / Internships / Workshops / Virtual Industry Visits / Short Term Courses

- Diploma/ B.E./B.Tech./ M. Tech (ECE/EEE/CSE/EE/IT/CSIT)
- All Domains of Specializations with Industrial Experts
- Innovative Projects with hands on training
- Project Exhibition

**Please visit :** [www.ietehyd.org](http://www.ietehyd.org) , **email :** [info@ietehyd.org](mailto:info@ietehyd.org)



### Editorial Team

Er. K Gnaneshwar Rao  
Er. Nuli Namassivaya  
Dr. K Seetha Ram Babu  
Dr. Veluri Rama Rao

IETE NEWS invites from the readers short articles/letters on technological matters for publication in the newsletter not to exceed 300 words.

### Advertisement Tariff:

Full Page : Rs 10,000  
Half Page : Rs 5,000  
Quarter page : Rs 2,500.

**Published by: The Institution of Electronics and Telecommunication Engineers (IETE)**

Adjacent: Directorate of P G Admissions office, O U Campus, Hyderabad – 500 007, T.S. India