



### Message from the Chairman



**Dear Members,**

With the support of Corporate & GC Members and dedicated work by our EC Team, we have successfully completed all the events

scheduled for the year 2021. For the year 2022 during this January and February months we could be able to conduct 8 Nos of Webinars under the Knowledge Sharing Session (KSS). In these webinar sessions Mr P. Narasimha Rao, Scientist-G (Rtd)DLRL, Hyderabad, Prof Harshavardini, VITS, Hyderabad, T. Shankar Prasad Scientist-SF NRSC, Dr Aruna Mastani, Asst Prof, JNTUA, Sri Sitangshu Sekhar Biswas Scientific Officer – F, Dept of Atomic Energy, Dr P. Narahari Sastry, CBIT, Hyderabad & Dr Rakesh Kumar Mishra Director, IIGS, Bangalore were the webinar speakers. IETE Hyderabad Centre is very grateful to all the speakers for their interest to serve the engineering students, faculty and members through this KSS platform.

On 8th January, 2022 we have conducted Technical Symposium in hybrid mode in Mekaster Auditorium of our IETE Hyderabad Centre. Students events conducted and certificates issued to winners. Dr. M.B. Srinivas Dean and Professor of BITS Pilani, Dr PSR Srinivas Sastry, Outstanding Scientist & Director for Special Projects, DRDO, Hyderabad and Dr B. Yegnanarayana, INSA Senior Scientist, IIIT Hyderabad were guests and given presentations and valuable suggestions to the students and members present.

On 13th February, 2022 we have conducted IETE Students Day -2022 in physical mode in the Auditorium. On this occasion we have conducted the competitions like Technical Quiz, Essay Writing, JAM Seccession, Hardware Project Expo, Singing & Dancing Competitions etc. Prizes were distributed to the winners of the competitions held and participatory certificates issued to all the students attended.

As the pandemic situation is fading out and all the Engineering Colleges are getting into normal functioning, we are trying to conduct the seminars, workshops, conferences etc. in the physical mode at our IETE campus. I request all the ISF coordinators to plan for the collaborative programmes either at their college campus or in IETE. I also request the students and faculty to write the technical articles for printing in our IETE Bi-Monthly Newsletters.

Once again I thank all the corporate members, faculty, students, webinar speakers, guests for the events in helping the IETE Hyderabad centre to successfully complete the scheduled events and standing best among all the 67 IETE Centres across the country.

Thank you,

**Er. K. Gnaneshwar Rao**

**(Chairman)**

## Two Day Technical Symposium

MVSR Engineering College and IETE ORG team, an offshoot of IETE, Delhi, jointly organized a **Two Day Technical Symposium** on 7th January, 2022 at MVSR Engineering College and on 8th of January 2022 at IETE, Hyderabad Centre. The Theme of the Technical Symposium is **“Latest Trends in Technologies of Electronics & Communication Engineering”** mainly targeted the Engineering students who have experienced a rich blend of technical sessions from eminent Academicians and Scientists on latest Technologies.

### Day 1 at MVSR Engineering College on 7th January, 2022

#### Session-I

**Prof. Dr E. Govind Rajan**, an awardee of a prestigious Dr APJ Abdul Kalam Gold Medal for his life time achievement in Teaching, Research, Industrial Development and Corporate Social Responsibility addressed the gathering on the topic **“Off-Line Analysis and Estimation of Radar Signal Parameters for Creating Electronic Order Of Battle Records”**

#### Session-II

**K Vijay Kumar Gupta**, CEO, Kwaloty Photonics & LED Chip Indus P Ltd. addressed the gathering on the topic **“Emerging Applications of LED”** where his product, RAYPURE Create Sterile room environment by destroying the Virus, Bacteria & Fungus, including the COVID VIRUS, using Anti-Microbial Spectrum embedded in its White illumination Lighting.

#### Session-III

**Prof KSR Murthy**, former Technology Director, Instrumentation Division, DRDO, Hyderabad addressed the gathering on the topic **“Advanced Missile Instrumentation”** where a glimpse of the parameter measurement need for the flight vehicle application in the specific requirement of missile field is brought out.

ఆదివారం 9 జనవరి 2022 **సమస్త తెలంగాణ**

**విద్యార్థులు నూతన సాంకేతికతను అందిస్తున్నారని**

డాక్టర్ పీ. శ్రీనివాసరావు

ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు. ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు. ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు. ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు.

**విద్యార్థుల ప్రతిభను గుర్తించాలి**

మన తెలంగాణ/తాత్కాలిక : విద్యార్థుల ప్రతిభను గుర్తించాలని ఇన్స్టిట్యూట్ ఆఫ్ ఎంప్లాయిమెంట్ అండ్ టెక్నాలజీ డెవలప్ మెంట్ అండ్ రిసెర్చ్ (ఐఐడిఆర్) అధ్యక్షుడు డా. పి. శ్రీనివాసరావు ప్రకటించారు. ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు. ఆంధ్రప్రదేశ్ లో ముగియబడిన రెండు రోజుల పాటు జరిగిన సమస్త తెలంగాణ సాంకేతికతను అందిస్తున్నారని డాక్టర్ పీ. శ్రీనివాసరావు ప్రకటించారు.

### Day 2 at IETE, Hyderabad Centre on 8th January, 2022

#### Session-I

**Dr. M.B. Srinivas**, Dean and Professor of BITS Pilani, Hyderabad addressed the gathering on the topic **'Technology and Climate Change'** where he elaborated on climate change and its impact on earth and how countries should be doing to achieve the net zero emissions.

#### Session-II

**Dr. PSR Srinivasa Sastry**, Outstanding Scientist & Director for Special Projects, DRDO, Hyderabad, addressed the gathering on the topic **"Satellite Technologies and New National Initiatives"**. He covered on classification of Orbits, various Orbits, Satellite Applications and its use in the field of defence

#### Session III

**Dr. B. Yegnanarayana**, INSA Senior Scientist, IIIT Hyderabad and ex faculty of IISC and IIT, addressed the event on the topic **“Communication Engineering from Techniques to Technology”**. In his talk, narrated the evolution of communication engineering over the past several decades leading to the current Technology-Driven Society.



Glimpses of Day -1 at IETE Hyderabad Centre

Glimpses of Day -2 at IETE Hyderabad Centre

## IETE Students Day Celebrations - 2022

The Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad Centre conducted **IETE Students Day Celebrations** on 13.02.2022 at 09.30 A.M. through physical mode at IETE Hyderabad Centre. Total 60 Students from various engineering Colleges along with EC members attended the event and participated in Technical & Cultural events. **Prof. A Gopal Sharma** Professor in ECE & Director Informatics and Systems, Stanley College of Engineering & Technology for Women was the event Chief Guest. The Chief Guest encouraged students for their active participation and Chairman addressed gathering also explained about details of ISF & Corporate Membership Discounts.



Address by Chairman



Project Expo & Technical Quiz events



Prize & Certificates Distribution to event winners

### Namaste Telangana

#### విద్యార్థులు నైపుణ్యాలను మెరుగుపర్చుకోవాలి

**విజేతలుగా నిలిచిన విద్యార్థులతో ఐకాదీకా చైర్మన్, ప్రతినిధులు**

ఉస్మానియా యూనివర్సిటీ, ఫిబ్రవరి 13: విద్యార్థులు తమ నైపుణ్యాలను ఎప్పటికప్పుడు మెరుగుపర్చుకోవాలని స్టాఫ్ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ ఫర్ వుమెన్ ఇన్ఫర్మాటిక్స్ డైరెక్టర్ ప్రొఫెసర్ గోపాల్ శర్మ సూచించారు. ఓయూలోని డి ఇన్స్టిట్యూషన్ ఆఫ్ ఎలక్ట్రానిక్స్ అండ్ టెలి కమ్యూనికేషన్ ఇంజనీరింగ్లో స్టూడెంట్ డే వేడుకలను ఆదివారం ఘనంగా నిర్వహించారు. కార్యక్రమానికి ముఖ్య అతిథిగా హాజరైన ఆయన మాట్లాడుతూ, విద్యార్థులు చదువుతో పాటు సాంస్కృతిక అంశాల్లో కూడా నైపుణ్యాలను ప్రదర్శించడం ఆనందంగా ఉందన్నారు. వివిధ పోటీల్లో విజేతలుగా నిలిచిన వారికి బహుమతులు అందజేశారు. ఈ వేడుకల్లో భాగంగా టెక్నికల్ క్వీజ్, ఎస్సె రైటింగ్, జామ్ సెషన్, ప్రాజెక్ట్ ఎక్స్పో తదితర టెక్నికల్ అంశాల్లో పాటు సింగింగ్, డ్యాన్సింగ్, ఆర్ట్ ఎక్స్పో, సాంస్కృతిక అంశాల్లో పాటీలు నిర్వహించారు. ఈ పోటీలకు ఓయూ ఇంజనీరింగ్ కళాశాల, ఎంపీఎస్ఆర్, స్టాఫ్ కాలేజ్, కేపీఆర్ఐటీ, సీబీఐటీ, జీఎస్ఐటీ తదితర ఇంజనీరింగ్ కళాశాలల నుంచి విద్యార్థులు పెద్ద ఎత్తున హాజరయ్యారు. కార్యక్రమంలో కె.జ్ఞానేశ్వర్ రావు, నూలి నమశ్శివాయ, డా.సీతారాంబాబు, డా.రామారావు, కీర్తిలత, బి.దేవయ్య పాల్గొన్నారు.

14.02.2022

IETE Students Day Celebrations News Paper Clip



Group Photo will all the participants

## WEBINARS

### Webinar– 80

**TOPIC :** New Product Specifications – An Innovator’s perspective

**DATE:** 02<sup>nd</sup> January, 2022 (Sunday) at 10.30 AM

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



**Mr P. Narasimha Rao**

Retd. Scientist - G, DLRL (DRDO)  
FIETE, MSEMCI, MISCA, MISOI,  
MIDST, Chartered Engineer (IETE),  
Adjunct Faculty (NI-MSME), Mentor  
- BYST (CII)

### Webinar– 81

**TOPIC :** Food Processing Machines Manufacturing and Technologies

**DATE:** 09<sup>th</sup> January, 2022 (Sunday) at 10.30 AM

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



**Dr. Manikyam Puram**

Director  
Doctor Millets Agro Industries Pvt  
Ltd, Hyderabad.

### Webinar– 82

**TOPIC :** Research Paper Writing

**DATE:** 16<sup>th</sup> January, 2022 (Sunday) at 10.30 AM

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



**Dr. P. A. Harsha Vardhini**

Professor, Vignan Institute of  
Technology and Science, Deshmuki,  
Hyderabad, Telangana, India.

### Webinar– 83

**TOPIC :** Indian Space Program

**DATE:** 23<sup>rd</sup> January, 2022  
(Sunday) at 10.30 AM

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



**T. Shanker Prasad**

Scientist – ‘SF’  
National Remote Sensing Centre,  
ISRO, Hyderabad.

### Webinar– 84

**TOPIC :** Introduction to Intellectual Property Rights and Process of Patent Filing

**DATE:** 30<sup>th</sup> January, 2022  
(Saturday & Sunday) at 10.30 AM

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



**Dr. S. Aruna Mastani**

Assistant Professor, Dept. of ECE,  
JNTUA College of Engineering,  
Anantapuramu.

### Webinar– 85

**TOPIC :** Basics of Vector Control of Induction Motor and Its simulation for Electric Vehicle Application

**DATE:** 06<sup>th</sup> February, 2022 (Sunday) at 10.30 AM

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



**Sri Sitangshu Sekhar Biswas**

Scientific Officer - F and Engineer in  
Charge (Design and R&D), Bharatiya  
Nabhikiya Vidyut Nigam Limited.  
Department of Atomic Energy,  
Kalpakkam, Tamil Nadu.

## Memorial Lectures

### Webinar– 86

**TOPIC :** Digital Document Analysis Applied to Palm Leaf Character Recognition

**DATE:** 20<sup>th</sup> February, 2022 (Sunday) at 10.30 AM

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



**Dr. P. Narahari Sastry**

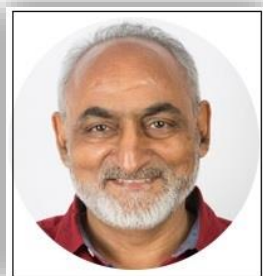
Professor in ECE  
Chaitanya Bharathi Institute of Technology,  
Hyderabad.

### Webinar – 87

**TOPIC :** Public Health Perspective on COVID-19 Pandemic

**DATE:** 27<sup>th</sup> February, 2022 (Sunday) at 10.30 AM

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



**Dr. Rakesh Kumar Mishra**

Director, Tata Institute for Genetics and Society (TIGS),  
Bangalore, Distinguished Emeritus Professor (AcSIR)  
and JC Bose Fellow, CSIR-Centre for Cellular and  
Molecular Biology (CCMB), Hyderabad.

### ISF Events

**Aurora's Technological and Research Institute**  
(03<sup>rd</sup> – 07<sup>th</sup> January, 2022)

**Event Name - One Week Online**  
**Faculty Development Programme**

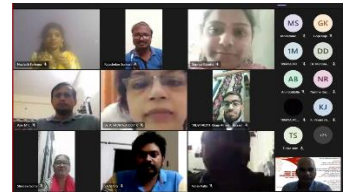
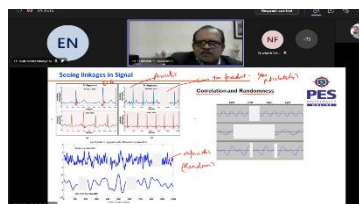
**Topic: Machine Learning & Deep Learning for Signal & Image Analysis**

The main aim of conducting this FDP was to make the faculty aware of the latest tools and techniques in machine learning & deep learning and to solve research oriented problems.

The total number of participants who attended the workshop was: 125. The participants were from various colleges, universities and other organizations.

The first day of the workshop started with the short speech by the ECE HOD, Mr. M. Shravan Kumar Reddy and Mr. Srikanth Jatla, Director Incharge, which followed with the Chief Guest, Er. Nuli Namassivaya Honorary Secretary, IETE Hyderabad. Then followed the technical sessions by Dr. Subhash S Kulkarni, he introduced about the Signal and Image Processing techniques. On the second day, Dr. Venkatesan discussed about Artificial Neural Networks with various tools and techniques. Then on the Day 3, the lectures were delivered by two resource persons i.e., Dr. N Hathi Ram and Dr. Sachi Nandan Mohanthy. On the fourth day, Dr. M Narayana and Dr. DD Soloman Raj have delivered lectures on some of the real world problems and gave apt solutions with the help of machine learning. The last day of the event was spoken of by Dr. Manoranjan Dash. Finally the session was concluded by vote of thanks given by Mr. S Rajshekar.

### Screenshots of the program



## 73rd Republic Day Celebrations at IETE Hyderabad Centre

The Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad Centre Celebrated **73<sup>rd</sup> Republic Day Celebrations** on 26.01.2022 at IETE Hyderabad Centre Premises. On this Occasion Centre Chairman hoisted the flag and all EC members, staff were attended. EC released the Bi-Monthly News Letter for the period November – December 2021. EC felicitated few EC members for their achievements, for getting higher positions and for getting awards as an encouragement.

### Glimpses of Republic Day Celebrations held on 26.01.2022





## The Institution of Electronics and Telecommunication Engineers Hyderabad Centre

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### COVID DISCOUNT ON IETE MEMBERSHIP TILL 31<sup>st</sup> March, 2022

The revised fee after 25% COVID discount is as follows  
(Fee is inclusive of GST @18%):-

Class of Membership	Actual Fee (Rs.)	25% Discount (Rs.)	Fee after discount (Rs.)	
Fellow (35-60 yrs)	9440	2360	7080	
Fellow (Above 60 yrs)	7080	1770	5310	
Member (upto 35 yrs)	7670	1918	5753	
Member (36 to 60 yrs)	8260	2065	6195	
Member (61 yrs & above)	5900	1475	4425	
Associate Member (upto 35 yrs)	6490	1623	4868	
Associate Member (36 to 60 yrs)	7080	1770	5310	
Associate Member (61 yrs & above)	5310	1328	3983	
Foreign Member any category any age (USD)	296	--	296	
Organisational Member	59000	14750	44250	
ISF Membership				
ISF Member	1st year (Rs)	2nd Year (Rs)	3rd Year (Rs)	4th Year (Rs)
Fee	600	475	350	225
Covid Discount @ 25%	150	118.75	87.50	56.25
Balance	450	356.25	262.50	168.75

**Er. K Gnaneshwar Rao**  
*Chairman*

**Er. Nuli Namassivaya**  
*Honorary Secretary*

**For more Details Please Contact**

Ph.N.: 040-27095128/8025, Mobile No.: 8331018508, 8074141484

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### **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.

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FullPage :Rs 10,000  
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**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