



Message from the Chairman



Dear IETEians,

My hearty greetings to all the IETE fraternity for the ensuing festive season!

The quarter that has just gone by has been particularly eventful in the life of our Centre. I take great pride and pleasure to inform you that our Centre bagged the 'Best centre Award' this year too becoming Hatrick and which was presented at the IETE annual convention held in Pune last month i.e., 16th Sep., 2023. That we were able to achieve this feat for the third time in a row is a matter of enormous gratification to all of us. This is a collective triumph which belongs to each and every member of the Hyderabad Centre for which I am beholden to you all. I hope, with your active cooperation, we will be able to sustain this glory in the coming years also and keep the flag of IETE Hyderabad flying high and during Golden Jubilee year.

Among the activities of the Centre during the last quarter, the National Paper Contest held on 29th September deserves special mention along with Engineers' Day Celebrations. This was an all-India event organised by our Centre to unearth and promote the creative potential of our engineering students as well as young engineers working in the industry. Dr. V. Gunasekhar Reddy, President, IETE graced the occasion as the chief guest and Dr. D.S. Bormane, Vice President and Chairman, TPPC, IETE as Guest of Honour. For Engineers' Day we felicitated Shri Anurag Kumar, Chairman and Managing Director, ECIL who came as Chief Guest and also felicitated Shri Shashenk N Reddy, Technology Entrepreneur who came as Guest of Honour. Over 50 youngsters from different parts of the country presented papers to a packed audience which included eminent professionals, academics and the IETE fraternity.

The innovative ideas presented on the occasion drew repeated applause from the audience and an animated discussion ensued. Awards were distributed to the best and second-best papers. Incidentally, the occasion also marked the last official function presided over by the outgoing President Dr. Gunasekhar Reddy. We at the Hyderabad Centre remember with gratitude the yeomen service rendered by him to the cause of IETE by serving the organisation as Chairman, Hyderabad Centre, as GC member, as Vice-President and finally as the President. We hope to receive his blessings and guidance in the coming times as well.

We conducted 9 Webinars during this Quarter as usual and thus the count reached to 144 and 112 Knowledge Sharing Sessions. Also we conducted Teachers' Day and we felicitated Dr. V. Chandra Sekhar, Former Principal, MVSR Engineering College and also conducted Shri UV Warlu 22nd Memorial Lecture and Prof. (Dr.) CVS Rao 8th Memorial Lecture. One more import event on Two days Hands-on Workshop on Analog, Digital and Mixed Signal IC Design Flow with Case Studies using NG Spice/LT Spice is conducted and around 61 students and Faculty participated.

In the same breath, I wish to take this opportunity to welcome our new President Prof. (Dr.) Anil Kumar Saini who is a distinguished academic and a renowned engineer-scientist. Under his visionary leadership, we hope, IETE will grow further and scale new heights of excellence.

Best wishes to one and all!

Prof. Nuli Namassivaya
(Chairman)

National Technical Paper Context (NTPC-2023)

The National Level Technical Paper Contest, organized by the Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad, took place on 24-09-2023 at IETE Hyderabad Centre. This event served as a platform for budding students to showcase their innovative ideas and research findings in the field of electronics and telecommunication. The contest aimed to promote research, knowledge sharing, and collaboration among participants from various educational institutions and industries across the country.

The National Level Technical Paper Contest organized by IETE Hyderabad was a resounding success. It provided a platform for young minds of diploma and Engineering, to showcase their research, learn from experts, and foster collaborations. The event's theme, diverse participation, and expert judging panel contributed to its overall success. It not only promoted knowledge sharing but also encouraged innovation in the ever-evolving field of electronics and telecommunication. As a result, it served as a significant milestone in the journey of technological advancement in India.



Teachers Day Celebrations

The Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad Centre conducted Knowledge Sharing Session(KSS)-109 on 05.09.2023 (Sunday) at 6.30 P.M Speaker Dr. V. Chandra Sekhar, Retired Professor and Former Principal, MaturiVenkata Subba Rao(MVSR) Engineering College, Hyderabad, delivered lecture on "Need of Competent Teachers in the Emerging areas of Electronics, Communication and Information Technology – New Roles of IETE". This guest lecture is one of the series of several events organized during the period 2023-24. Total 20 members are attended for this event.



Engineers Day Celebrations

The IETE Hyderabad Center celebrated Engineers day on 24th September 2023 at 2 PM in IETE, Hyderabad. The key note Talk was delivered by Chief Guest Shri Anurag Kumar Chairman & Managing Director, ECIL, The Guest of Honor Shri Sheshankh N Reddy Technology Entrepreneur. The Centre Chairman Prof. Nuli Namassivaya, Sri Ashwani Kumar Sangamker Honorary Secretary presided over the Program,



Endowment and Memorial Lectures

Shri U V Warlu 22nd Memorial Lecture

The Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad Centre has conducted Shri U V Warlu 22nd Memorial Lecture 30.07.2023 (Sunday) at 10.00 AM through physical mode. The speaker Sri Satish Mukund Bhawe Ex Associate Director Naval Science and Technological Laboratory DRDO, Government of India The speaker delivered lecture on “Systems Engineering (SE)”



Prof. (Dr) C V S Rao 8th Memorial Lecture

The Institution of Electronics and Telecommunication Electronics (IETE) Hyderabad Centre conducted Prof. (Dr) C V S Rao 8th Memorial Lecture on 08.08.2023 (Sunday) at 10.30 A.M Speaker Dr.M.B.Raju, Principal Pallavi College of Engineering delivered lecture on “Blockchain Technology: Applications and Challenges”. This memorial lecture is one of the series of several events organized during the period 2023-24.



Two days Hands-on workshop on ANALOG, DIGITAL AND MIXED SIGNAL IC DESIGN FLOW WITH CASE STUDIES USING NG-Spice/LT SPICE

The IETE Hyderabad Centre organized a Two Day Workshop Program on 12th & 13th August 2023 (Saturday & Sunday) from 10.00 A.M. to 05:00PM on “ANALOG,DIGITAL AND MIXED SIGNAL IC DESIGN FLOW WITH CASE STUDIES USING NG-Spice/LT SPICE” in Offline mode.Total 61 Students are from various engineering colleges are registered & attended this workshop. This is one of the eries of several events organized during the period 2022-23.



WEBINARS

Webinar– 136

TOPIC : “Analysis and Mitigation of Doppler Collision for NavIC System”

DATE: 2nd July, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. Sathish Pasika
Assistant Professor
Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad.

Webinar– 137

TOPIC : “Embedded Systems using ARM Processors”

DATE: 9th July, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Smt. B. Bhavani
Assistant Professor, ECE
Maturi Venkata Subba Rao (MVSR) Engineering College, Hyderabad

Webinar– 138

TOPIC : “Procedure of Hypothesis Testing”

DATE: 16th July, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. S. Lakshmi
Associate Professor
School of Management
Anurag University, Hyderabad.

Webinar– 139

TOPIC : “Analytical Instrumentation”

DATE: 23rd July, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. K.V.N.S.V.P.L. Narasimham
‘Scientific Officer (G)’
“NCCCM”
Bhabha Atomic Research Centre (BARC), Hyderabad.

Webinar– 140

TOPIC: “Strategies for Mitigating Technology facilitated Gender Based Violence”

DATE: 6th August, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. Kanchana Sundaram
Associate Professor
VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad.

Webinar– 141

TOPIC : “Unveiling The Secrets Of Happiness”

DATE: 27th August, 2023 (Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. C. Jyotsna
Professor, Humanities and Sciences
VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad.

WEBINARS

Webinar- 142

TOPIC : "Zero-Knowledge Proofs (ZKP)"

DATE: 3rd September, 2023
(Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. Rajesh Kulkarni
Professor
MVSR Engineering College,
Hyderabad.

Webinar- 143

TOPIC : "Objective Measures for Evaluating the Performance of Speech Enhancement Algorithms"

DATE: 10th September, 2023
(Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr. S. China Venkateswarlu
Professor
Institute of Aeronautical
Engineering, Dundigal -
Hyderabad.

Webinar- 144

TOPIC : "Design Thinking and Presenting for Better Future Engineers"

DATE: 17th September, 2023
(Sunday) at 10.30 AM

ONLINE: Through JioMeet HD Video Meeting App



Dr Archana K Bhangre
Sr. Assistant Professor



Dr. Priyanka Veeramosu
Assistant Professor

**Dept. ECE
VNRVJIT**

Independence Day & Haritha Haram Celebrations at IETE Hyderabad Centre

The Institution of Electronics and Telecommunication Engineers (IETE) Hyderabad Centre has celebrated Independence Day & Haritha Haram on 15.08.2023 (Sunday) at 10.30 A.M. Total 25 no. of Participants attended in this event.



G.Narayanamma Institute of Technology & Science (for women)

Name of the Program: - Mock Interview

Date: - 15/07/2023

Venue: - G. Narayanamma Institute of Technology & Science (for women), Hyderabad

The IETE Student Forum(ISF) unit of GNITS has organised the **MOCK INTERVIEW** for 4th years on **July 15th,2023** from 11:00pm to 2:00pm. A total of **40** students of ECE & ETE have participated in the mock interview and 6 panels were formed with 12 alumnae working in different companies were invited to take mock interviews in ECE and F block, GNITS.

Alumnae and Dr.B.Venkateshwarlu, HOD interacted with 4th year students. Alumnae interviewed students, gave feedback on their resumes and their performance. They also gave suggestions on improving resume preparation, improve technically and communication skills which will help students to attend the main interviews. Participants have rated Event Organization, the theme of the Event, benefit is this event for you in future career and resource persons an average good rating.




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In Association With IETE STUDENT FORUM

Organizing
GUEST LECTURE
On
ADVANCES IN 5G COMMUNICATION – A ROAD MAP AHEAD
&
AWARENESS ON PROFESSIONAL SOCIETIES

Resource person

Prof. (DR.) Nukala Srinivas Rao
Professor & HOD. Dept. of ECE
Madrasi Engineering College, Saidabad
Hyderabad, India.
(SM IEEE, Fellow IETE & IE)

Date:12.08.2023 Venue: Rudra Seminar Hall
Cellar B Block Time:10:45AM-12:45PM



ISF ACTIVITIES

Seminar Report on "Current Trends in Verifying Complex Chips"

Name of the Program: - Seminar on Current Trends in Verifying Complex Chips. **Date:** - 19/08/2023

Venue: - G. Narayanamma Institute of Technology & Science (for women), Hyderabad



The IETE Student Forum (ISF) unit at GNITS hosted a seminar titled "**Current Trends in Verifying Complex Chips**" from 11:30 am to 1:00 pm in Main seminar hall, GNITS by speaker Shri V. Pratyusha, Lead ASIC Verification Engineer at Moschip Semiconductors.

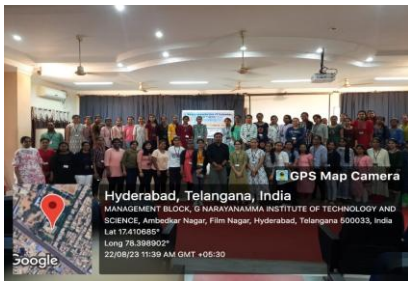
The seminar covered a range of topics, including VLSI (Very Large-Scale Integration), both the front end and back end aspects of chip design, and the Verilog language. This event attracted a total of 156 participants, primarily comprising 3rd and 4th-year students and 7 faculty from the ECE and ETE. During the session, Dr.K.Ragini, Head of the Department, along with faculty members and students, engaged in a fruitful discussion with the speaker.

The event's organization, theme, impact on participants' future careers, and the resource person have all received excellent ratings from the participants. This feedback highlights the event's effective planning, engaging theme, valuable career-related benefits, and the high quality of the resource person's contribution.

Name of the Program: - Seminar on Innovate using Emerging Technologies.

Date: - 22/08/2023

Venue: - G. Narayanamma Institute of Technology & Science (for women), Hyderabad



The IETE Student Forum (ISF) unit at GNITS hosted a seminar titled "**Innovate using Emerging Technologies**" from 10:30 am to 11:30 pm in Main seminar hall, GNITS by speaker by Mr. Ramana Reddy A, senior Engineer, Mathwork is conducted for faculty and students of ECE, EEE, ETE, Under the banner of IETE-ISF, GNITS Coordinated by M.Madhuri Latha, Asst.Prof. ECE, GNITS and other coordinators Y Rakesh Kumar, V. Purna chandra Reddy Asst.prof, ECW, GNITS with the support of Dr. K Ragini, Prof &HOD,ECE and Dr. Renuka Devi S M, Prof., Incharge HOD, ECE..

The seminar covered a range of topics, including MATLAB & SIMULINK Tools effective use, On Ramp Programs, to develop the innovative projects, and explained Github linked MATLAB innovation challenges task contest participations details. Also showed few real time application demos on different fields like automobiles, Power grid, space, medical.

The feedback from faculty and students are collected over all rating on event's organization, theme, impact on participants' future careers, and on the resource person is very good. This feedback highlights the event's effective planning, engaging theme, valuable career-related benefits, and the high quality of the resource person's contribution.

ISF orientation & IETE Membership Awareness Program



Prof. Nuli Namassivaya, Chairman, IETE Hyderabad Centre has attended Orientation of ISF and delivered lecture on IETE Membership Awareness Program on 25.09.2023 2.30 P.M. at Lords Institute of Engineering and Technology, Hyderabad, Hyderabad. Nuli Namassivaya, Chairman explained about discount of IETE Membership for the students as well as Faculty to utilize the opportunity. This program is one of the series of several events organized during the period 2023-24. Total 80 students and faculty were present in this event.

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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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