



IETE NEWS *Letter*

THE INSTITUTION OF ELECTRONICS AND
TELECOMMUNICATION ENGINEERS - HYDERABAD CENTRE

Adjacent: Director, P G Admissions Office, O U Campus, Hyderabad - 500 007, T.S. India.

Tel.No: 040-27095128, 27098025. e-mail: hyderabad.iete@gmail.com, info@ietehyd.org Website: www.ietehyd.org



Vol. 40

Sep - Oct 2020

Issue No.2

Message from the Chairman



Dear Members,

It gives me immense pleasure to release the 2nd edition of the newsletter of IETE Hyderabad Centre for the year 2020-21.

The Centre is geographically located in the heart of the city in the OU Campus, has two huge buildings with the infrastructure facilities like auditorium, conference hall, class rooms in 2 independent buildings with A/c, Generator, lift facilities etc.

The centre has tremendous potential for guiding ECE & CSC students. It has expertise of Industry & Academic guides in assistance and guidance for conducting the Diploma, B.Tech & M.Tech final year student's real time projects. The centre is also focussing on outreach programs with an emphasis of promoting and facilitating Skill Development Courses in AI, Machine learning, IOT etc. This is done in collaboration with other pvt professional training centres and thereby extending high quality training opportunities for our IETE students, corporate members, Defence, Govt and Pvt Organizations.

I appreciate and acknowledge the tremendous efforts that our executive committee members are taking towards the development of the centre. I thank all the Advisors and IETE Corporate Members for their timely suggestions and support.

Our knowledge exchange initiative continues despite the covid 19 situation and we have started conducting online webinars every week. I am happy to inform you that this has been received very well by the students, faculty and the corporate members. IETE is very fortunate to have experts who are coming forward and presenting the webinar lectures.

To reach our set targets for the year, we are conducting Endowment & Memorial Lectures, Workshops, and Short Term Courses etc., using both online and physical modes. Again, I take pride in mentioning that we are very successful in this.

I am sure that our newsletter is the main source of communication with our students and corporate members. We, as a team, are focussing on interactions, providing and taking feedback and be guided to stay in the loop with the IETE related activities and to take the centre to be on the top rank among the 64 Centres at the National level.

On extension of our activities and broader level involvement, I am delighted to mention that two members from our IETE Hyderabad Centre - Dr Niranjana Prasad & Prof. Dr. Baswaraj Gadgay (IETE Sub-Centre, Gulbarga) - have been elected as the new Governing Council (GC) Members for the period 2020-23. We are planning to conduct some programmes in Gulbarga Sub-Centre in the beginning of the year 2021. Efforts are at hand to open a new Sub-Centre at Karimnagar, which is in pipeline.

Our attempts are also to increase the new ISF's in this academic year and in future. By offering discounts on membership fee during the pandemic, I am requesting members to spread this word and encourage fellow engineers to avail this opportunity.

Wishing a very happy Diwali to you and your family.

Thank you...

Er. K. Gnaneshwar Rao, (Chairman)

Co-opted Members: Profiles

K. Vijay Kumar Gupta



K. Vijay Kumar Gupta is Founder of India's only LED manufacturing plant since 1987, namely, Kwality Photonics & LED chip Indus P Ltd. Gold medalist Engineer Scientist from IISc (1974-77), with Internship at BARC & TIFR, made the LED as BE project. Served as Scientist in CEL, Delhi for Development of Red LED under DST project with NPL knowhow (1977-79). He is Trained in Japan for Tungsten filament technology (1980). His companies produce LEDs, LED Segment Display and Power LEDs for Lighting, as well as, Special Spectrum LEDs for Spectrometers, Horticulture and Medical and Disinfection uses. Mr Gupta Served as President of Electronic Industries Assn at national & State level (ELCINA & TELMA), CII-BYST, AVIF, and connected with ISLE & ELCOMA etc. Currently partner in EU project H2020 with 6EU universities & BITS PILANI Goa & NEERI Nagpur on Multi Technology Drinking Water solutions for 4 communities for 4 years. And with MS Univ for COB LED packaging. He supports new startups and applications in UV disinfection projects. His company supports upto 100 interns for on job experience and has Industrial visit facility for the Engg. colleges from all over india, to expose them to LED component production technology. Students from Rasoni & Ramdeo baba College have interned every year. Mr.Gupta supported PhD students in Phosphore valuation at IITM, Nagpur Univ & is guest Lecturer at Veltech Univ, GNIT, KITS, Avanti, VNRVJ, etc. He is active member of Luminiscence society of India worked closely with Dr Dhobale & Dr Moharil. He is product of Mumbai University - Ruia & St Xaviers College. He is happily married to Sandhya (MA, SJC) from Nagpur and blessed with 3 daughters (Engineer, PhD and CA respectively) and with 4 smart grandchildren.

Dr. B. Venkateshulu



Dr. B. Venkateshulu is Working as Professor and HOD, ECE Dept., G.Narayanamma Institute of Technology and Science, (GNITS) Shaikpet, Hyderabad. TS

1. Born on 1/6/1967, Obtained B.Tech in 1989 from JNTU Anantapur, MTech from SVU and PhD from JNTU Hyderabad in 2013
2. 25 papers published in International National journals and listed in the IEEE conference proceedings and scopus indexed journals,
3. Conducted 'Design of Small Satellites' in association with Engg. Staff College of India and Institution of Engineers,
4. Key role in establishing two research based labs with HFSS software and Texas Instruments based Innovation center in the field of Internet of things and embedded system,
5. MoUs with Texas Instruments university program (Edgate Technologies), Ineda systems Pvt Ltd for product testing in GNITS, Navstar Integrated systems, Big Wig Technologies for consultancy,
6. Guided a project which bagged 17 Lakhs prize money in International Hackathon.
7. Authored two research based books and 2 lab primers.
8. 3 patents filed
9. Got the sanction of 33 lakhs from AICTE funds-state of art technology based 2 x 2 MIMO and Vector Network Analyzer worth Rs.22.5 Lakhs in the Center of Excellence of Antenna Radiation Pattern Analysis,
10. Steering committee Chair of ECE dept for conducting International conference in GNITS during 2019-20 and convener for 20-21,
11. Worked as training and placement officer in GNITS during 2012-2015 and got appreciation from Infosys for the services rendered colleges.

Co-opted Members: Profiles

12. Organized one day invited speakers conference of IETE at the National level in GNITS, Shaikpet, Hyderabad on 20/12/2019.

13. Team member for developing consultancy project on sanitizer.

14. Instrumental in establishing Dept as the nodal center for the outreach program under IIRS of ISRO.

15. Has a total of 29.5 years teaching experience and worked in various prestigious Engineering colleges.

Dr.G.Prasad



Dr. G Prasad is working as scientist SG in NRSA, ISRO Hyderabad. His experience includes hardware design using state of the art VLSI technology, FPGA and HDL based

design and development of satellite, front-end hardware for data acquisition, design of interfaces for design of system buses and satellite WAN connectivity. He established satellite connectivity south-pole station in Antarctica and NRSC Hyderabad, satellite WAN connectivity among NRSC and user-sites across the country. Dr. Prasad heads the group responsible for the upkeep of the network, infrastructure of data acquisition and processing at NRSC. Dr. Prasad is a life-fellow of IETE and life member of IMAPS.

Dr. Dhiraj Kumar Deshpande - Special Invite



Dr. Dhiraj Kumar Deshpande (Special Invitee to EC), M.Tech is working as Asst. Professor in the department of Electronics and Communication Engineering, Bhemanna Khandre Institute of Technology, Bhalki, Karnataka State. He has over 26 years experience in the academic field and trained hundreds of engineering graduates during his long tenure. Shri Dhiraj Kumar is also life-fellow of IETE and a life member of ISTE. He has been an active member of IETE Gulbarga sub-center and serving currently as its Treasurer.

Sub Committee Members: Profiles

Members Drive, ISF and Sub-Centres MD ISF & SC Sub-Committee



Dr. K. Seetha Ram Babu
Chairman



Ravichander B
Asst. Professor Dept. of ECE
St. Martin's Engineering College



Dr D M K Chaitanya
Associate Professor
Dept. of ECE-Vasavi College
of Engineering



Sudhir Dakey
Asst. Professor Dept. of ECE
MVSR- Engineering College

Women Empowerment in Engineering Sub Committee



Smt. T Sandhya
Chairman



M Sriakshmi Ravali
Assistant Professor
Dept. of ECE - Stanley
Engineering College for women



B Bindhu Bhavani
Assistant Professor Dept. of
ECE Sphoorthy
Engineering College



J Shailaja
Assistant Professor Dept. of
ECE Sphoorthy
Engineering College

Sub Committee Members: Profiles

R&D and Industrial Co-ordination Sub Committee



Dr. P Naveen Kumar
Chairman



Dr. Shyam Sunder
Assistant Professor Dept. of
ECE - College of Engg. OU



Mr. Misbauddin
Assistant Professor Dept. of
ECE - College of Engg. OU

Short Term Courses & Seminars (STTP) Sub Committee



Ms. C V Keerthi Latha
Chairman



Dr. D. Subba Rao
Head, Dept. of ECE &
Director Admissions, Siddhartha Institute
of Engineering & Technology, Hyd.



Mohd. Abdul Nayeem
Professor & HOD,
Dept. DCET
Dar-us-salam Nampally



Y. Latha
Assistant Professor,
Dept. of ECE - Stanley College of
Engg. & Technology for women. Hyd

Sub Committee Members: Profiles

Technical Programmes & Publications (TPP) Sub Committee



Sri Ashwani Kumar
Sangamker
Chairman



Dr V Srinivas Rao
Scientist - F, RCI
DRDO, (MOD).



Dr KVNSVPL Narasimham
Scientific Officer (G),
Group Leader, ESGT
Coordinator (NCCCM) (BARC),
Hyderabad.



Sunil kumar
Scientist - E, DLRL
Hyderabad.

Continuing Education Programme (CEP) Sub Committee Details



Dr. D. Rama Krishna Reddy
Chairman



Sri T. Shekar Reddy
Assistant professor (c)
Univ. College for Women, Koti, Hyd.

Library and Students Affairs Sub Committee Details



Devanoori Bhanumurthy
Chairman

Sub Committee Members: Profiles

Purchase, Works & Building Maintenance Sub-Committee



Dr. K. Seetha Ram Babu
Chairman



K Venkateswarlu
Senior Faculty - Department
of Technical Education



K Santhosh Kumar
Assistant Professor
Dept. of ECE-
Sphoorthy Engg. College



K Shiva Prasad
Assistant Professor
Dept. of ECE - Nalla Malla
Reddy Engineering College



J Babu
Assistant Professor
Dept. of ECE - Sphoorthy
Engineering College

WEBINARS

Webinar-8

TITLE:
The Scientific Payloads of ISRO,
from Sounding Rockets to Moon,
Mars and beyond

Date: 06-09-2020

Online: Through Zoom Cloud
HD Video Meeting App



Sri P. Pradeep Kumar

HEAD, Instruments and
Scientific Payload Section,
Digital Systems Group, Dept.
of Space, Trivandrum,

Webinar-7

TITLE:
Semiconductor Device
Modeling

Date: 13-09-2020

Online: Through Zoom Cloud
HD Video Meeting App



Dr. SP Venu Madhava Rao

Prof. & Head, ECE
Department,
MVSR Engineering College

Webinar-11

TITLE:
Transforming to the
Next Level
(Campus to Corporate)

Date: 20-09-2020

Online: Through Zoom Cloud
HD Video Meeting App



Prof. ML Saikumar

Former Dean (Academics),
Institute of
Public Enterprise

WEBINARS

Webinar-12

TITLE:
EW for Combating Communication
Order of Battle (COB)

Date: 27-09-2020

Online: Through Zoom Cloud
HD Video Meeting App



Sri. P Narasimha Rao

Retd. Scientist - G, DLRL
(DRDO)

Webinar-13

TITLE:
Problem Solving Skills with
Case Studies

Date: 04-10-2020

Online: Through Zoom Cloud
HD Video Meeting App



Prof. A. Gopal Sharma

Head, ECE Department
Stanley College of
Engineering and Technology
for Women, Hyderabad.

Webinar-15

TITLE:
Electronic Communications and
its Variations in Process Industry

Date: 18-10-2020

Online: Through Zoom Cloud
HD Video Meeting App



Mr. Christopher John

ENGINEER,
NAVATEJ Technologies,
Hyderabad.

Greetings from IETE - Hyderabad Centre



Memorial Lecture

Webiner-14



Prof. K.K.Nair

Date: 11th Oct. 2020

Speaker : Prof. A.D. Sarma

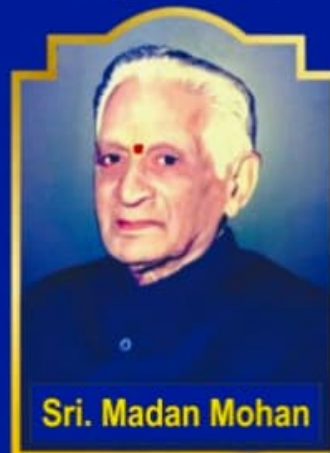
Director, (R&D) CBIT,

Former Director, NERTU, OU, Hyd.

**Topic: Marine Navigation and
Communication:**

*Past, Present and Emerging
Trends in India.*

Webiner-16



Sri. Madan Mohan

Date: 21st Oct. 2020

Speaker : Dr. S. Karunanidhi

Scientist and Associate Director (RCI),
DRDO, Hyderabad

Topic: Mechatronics Systems

Teacher's Day & Engineer's Day

Webinar-10

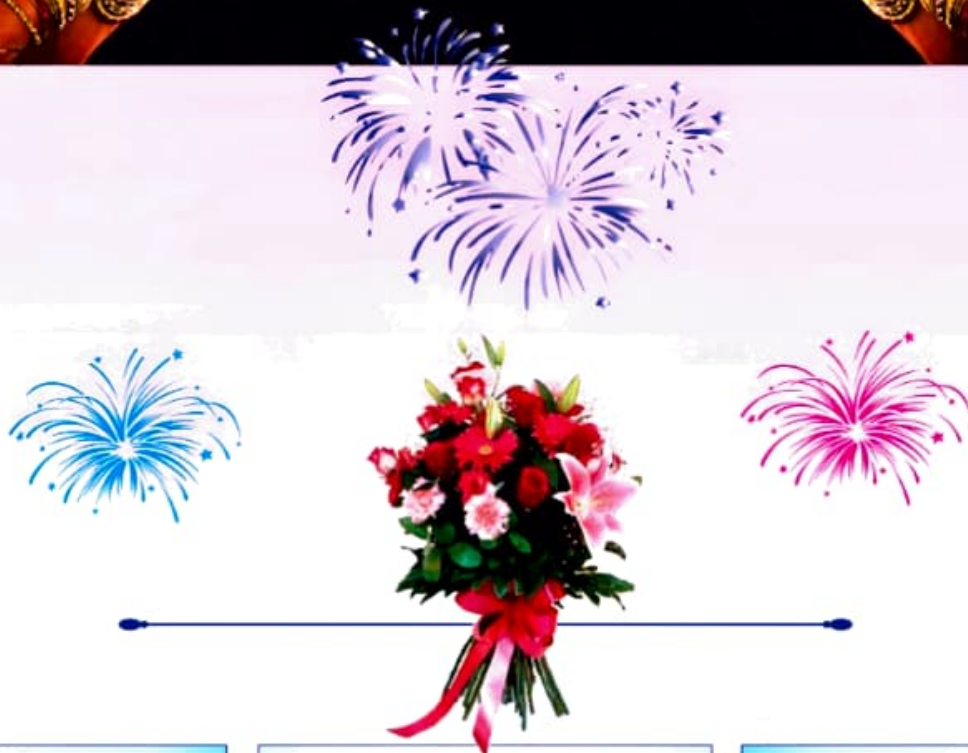
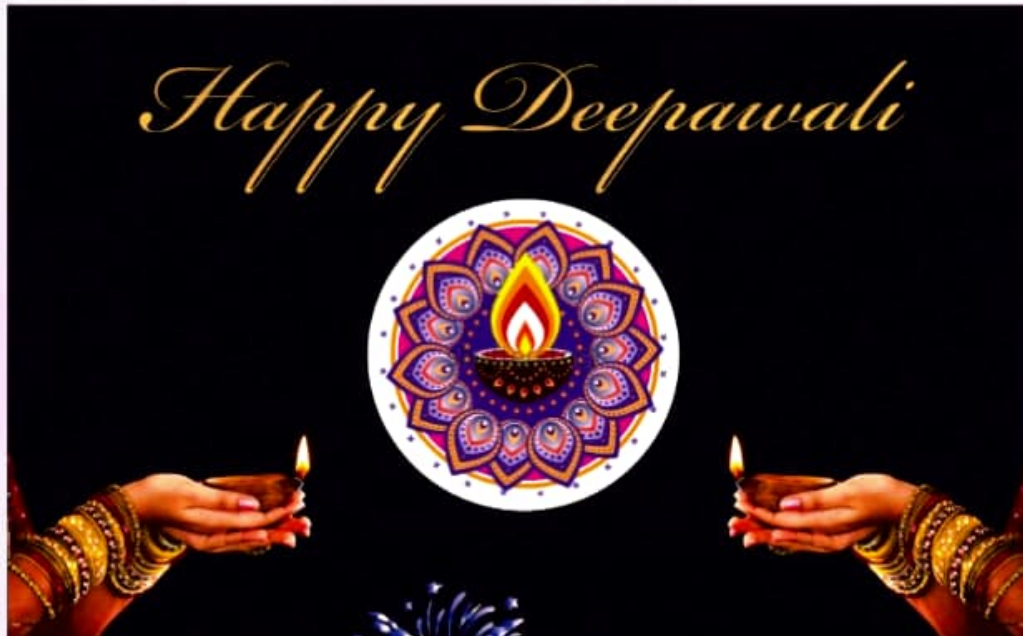
15-09-2020



Speaker: B.Rajender Naik
Prof. & HOD ECE Dept. University College of
Engineering, Osmania University
Topic: Teacher's Role in Digital Era



Speaker: Mr. K.Vijay Kumar Gupta
CEO Quality Photonics LED Chip Indus P.Ltd.
Topic: Fighting Covid with UVC LED's
Made in India



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 news letter. 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: Director, P G Admissions Office, O U Campus, Hyderabad - 500 007, T.S. India.

