



Message from the Chairman



It is an honour to serve as the Chairman of IETE HYd Centre for the term 2020-2022. I and my team appreciate the support received from the Advisory and Corporate members.

We are extremely grateful to the Advisory Committee Chairman Prof Deekshatulu, Padmashri Awardee and past Director of the NRSC, Hyderabad, Prof S. Narayana Past President of IETE India and late Prof K.Lakshminarayana Past Vice President of IETE India for their timely guidance and continuous support in completing all the scheduled calendar events of our Centre.

Our committee took over in July 2020, during the Covid- pandemic time and we were not in a position to conduct any event physically as most of the Colleges and Organizations were doing work from home.

As we all know that education, business, profession, in fact, everything is changing at a fast pace globally. We need to be at the right place at right time or we will be left behind.

To make use of this pandemic time in more convenient way and to get associated frequently with all the students, faculty, scientists and corporate members, we have started Webinars on every Sunday under the Knowledge Sharing Seession. We are very grateful to all the webinar speakers and participants from all over India for making this program a grand success and happy to mention that still the program is going on well without any breaks.

Our committee could do all the activities like Workshops, Short Term Courses, Seminars, Conferences etc in online and a few in hybrid mode during the first year and later done in physical mode.

We are really grateful to all the Scientists/ engineers, faculty and students in completing the scheduled calendar events of IETE Hyderabad Centre and this helped us in getting the BEST CENTRE AWARD at national level among all the IETE 64 Centres spread across India for the academic year 2020-21. We are hoping to receive again for the year 2021-22, as we were able to do successfully all the scheduled events - cent per cent - in physical mode in our IETE campus with students, faculty and corporate members.

We are really grateful to all the Advisory Committee Members for attending the 1st and 2nd Advisory Committee Meetings. I thank M/s Digilogic Systems, Hyderabad for coming forward to sponsor the 2nd Advisory Committee Meeting held at a Star hotel.

It gives me immense pleasure to note that the response to this newsletter is overwhelming. Commendable job has been done by the editorial board in planning and producing this newsletter. My congratulations to the team who took the responsibility in publishing it since our committee took over in 2020. I feel that this small piece of work will not only develop the habit for reading among the students and members, but also develop a sense belonging to the institution as well. I thank all our team and express my deep sense of gratitude.

I look forward to your co-operation to the newly formed Executive Committee for the academic year 2022-24. My heartfelt thanks to all the members and staff of IETE Hyderabad Centre once again for the ceaseless support extended to me and our committee for successfully completing our term.

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

World Telecommunication and Information Society Day

The IETE Hyderabad Center celebrated World Telecommunication and Information Society Day & 17th Dr T. H. Chowdary - CTMS Endowment Lecture on the theme: "**Digital Technologies for Older Persons and Healthy Ageing**" on 17th May, 2022 physically at Institution of Engineers (I) Telanagana State Centre, Khairatabad.

Key Note Talk was delivered by Chief Guest Padma Sree Awardee **Dr. T. H. Chowdary**, Director : Center for Telecom Management and Studies, Hyderabad, **Chairman:** Pragna Bharati, Telangana & Andhra Pradesh, **Convener:** Bharatiya Dharma Rakshana Samakhya, **Fellow :** Tata Consultancy Servies

The Centre Chairman Er. K Gnaneshwar Rao, Er. Nuli Namassivaya, Honorary Secretary, Dr. K Seetha Ram Babu, Vice - Chairman, Sri Ashwani Kumar Sangamker, Vice – Chairman have coordinated the event.



Felicitation to Dr. T.H. Chowdary ,Past President IETE during World Telecommunication and information society day held Jointly with IE(I) on 17th May 2022



Tree Plantation held at IETE, Hyd on 18th June 2022



IETE, Gulbarga Sub Centre AGM cum Elections

IETE Hyderabad Centre has Conducted Advisory Committee Meeting on 22.05.2022 (Sunday) at 10.30 A.M. at Vivanta by Taj, Begumpet, Hyderabad. The IETE Hyderabad Centre Advisory Committee Chairman Prof. B. L. Deekshatulu, Advisory Committee the Vice Chairmen, Prof. S. Narayana, Dr. BHVS Narayana Murthy, Director, RCI and all the other Hon Advisory Committee Members attended the meeting. Prof. B. L. Deekshatulu, Chairman of the Committee concluded all the members valuable advises and suggestions towards Innovative ideas for revenue generation, strategic planning, maintenance and upkeep of assets to Office Bearers of IETE Hyderabad Centre. IETE Hyderabad Centre Chairman Er. K Gnaeshwar Rao explained about the activities and the developments done during the academic year 2020- 2022. Er. Nuli Namassivaya, Honorary Secretary briefed about IETE Hyderabad Centre and invited all the Advisory Committee Members to introduce themselves. Dr. Niranjana Prasad, Dr. V Gunasekhar Reddy, Dr. K Jaya Sankar, Dr. Baswaraj Gadgay, Dr. Dr. K Seetha Ram Babu, GC Members concluded the advices given by the all the Advisory Committee Member. Sri. Ashwani Kumar Sangamker, Vice-Chairman proposed vote of thanks before closing the meeting.



WEBINARS

Webinar– 88

TOPIC : “Role of Internet of Things(IoT) in Smart Grid Tecnology”

DATE: 1st May, 2022 (Sunday) at 10.30 AM

ONLINE: Through Google Meet HD Video Meeting App



Dr. Yogesh Yashwant Pundlik

Head, Department of EEE
Kamala Institute of Technology and Science
Warangal

Webinar– 89

TOPIC : “Artificial Bandwidth Extension for Speech Enabled Interactive Voice Response System”

DATE: 08th May, 2022. (Sunday) at 10.30 AM

ONLINE: Through Google Meet HD Video Meeting App



Dr. D. Mohan

HoD, Department of ECM,
Sreenidhi Institute of Science and Technology,
Hyderabad.

Webinar– 90

TOPIC : “Reconfigurable SoC Designs with Zynq Architecture”

DATE: 15th May, 2022. (Sunday) at 10.30 AM

ONLINE: Through Google Meet HD Video App



Dr. D. Asha Devi

Professor of ECE
Sreenidhi Institute of Science and Technology,
Hyderabad.

Webinar– 91

TOPIC : Hybrid Techniques in Image Authentication

DATE: 05th June, 2022 (Sunday) at 10.30 AM

ONLINE: Through Google Meet HD Video App



Dr. C N Sujatha

Professor of ECE
Sreenidhi Institute of Science and Technology,
Hyderabad.

New Executive Committee Members for 2022-24

Chairman : Prof. Nuli Namassivaya Secretary : Sri Ashwani K Sangamker Treasurer : Dr. N Srinivasa Rao



Er. Nuli Namassivaya born on 29th Sep., 1967 at Eluru, W.G.Dt. A.P. is highly motivated Teaching Professional, having more than three decades of Teaching Experience in Electronics, Communication, Computer and Electrical subjects. He obtained B.E. degree in Electronics & Communication Engineering from Gulbarga University in 1989 and M.Tech. (Automation & Control Systems) from JNTU, Hyderabad in 1994 with University Topper. Also done PG Diploma in Computer Science from Andhra Pradesh Productivity Council, Hyderabad in 1990. He started his career as a Maintenance Engineer at Sonar Caps & Lamps Pvt. Ltd. in Apr., 1989, Lecturer at Vasavi College of Engineering in Aug., 1989 and presently working as a Associate Prof. at MVSR Engg. College since 1995. He was responsible for obtaining grant of 7.2 lakhs from AICTE under MODROBS & established PCB Fabrication Lab.

He published 44 papers at International & National Journals & Conferences to his credit and out of 6 papers won Best Paper awards. He organised various National level Workshops, Short term courses, Seminars and Student Technical festivals. He was Fellow of IETE, Sr. Member of CSI, Life member of ISTE, Instrumentation Society of India (ISOI), Institution of Engineers (I), Society of EMC Engineers, The Indian Science Congress (TISCA) and Broadcast Engineering Society (BES). He served as Council Member, IETE, New Delhi during 2009-12, Convener, STC committee during 2006-08, Hony. Secretary & Chairman, Programs Committee during 2008-09 at IETE, Hyderabad, Treasurer, BES, Hyd during 2011-12, M.C. Member at CSI, Hyd during 2006-08, Secretary, ISOI, Hyd during 2007-08. Presently he was Chairman, IETE Hyderabad and Secretary, BES(I), Hyderabad. He obtained Rashtriya Gaurav Award by India International Friendship Society, New Delhi on 11 March, 2005 & Best Citizens of India award in recognition of exceptional calibre and outstanding performance in chosen area of activity by Best Citizen of India, New Delhi during Jan., 2006. His Biographical note is included in Asia/Pacific Who's Who in Jul., 2016.



Dr Nukala Srinivasa Rao, born in 1962. BE (ECE) from OU and M. Tech , from REC Warangal , PhD in Electromagnetics from JNTUHyd. FIETE and Chartered Engineer (FIE) . SMIEEE.

Professor in ECE at Matrusri Engineering College Hyd.



Sri Ashwani Kumar Sangamker holds AMIETE and M.Tech in Advanced Electronics from JNTU, Hyderabad. He joined Bhabha Atomic Research Centre, Trombay as Scientific Officer 'SC' in the year 1985. There he was involved with

the development of Robotic arm, Ion Bombardment Furnace, Process automation for the inspection and loading of nuclear pellets in to fuel rod. In 1988 he joined DRDL, Hyderabad Where at he was Deputy Director for realization of Mobile Command Post required for Command Control and communication of BRAHMOS Missile. From 2004 to 2012 he moved to project Project NAG (Anti Tank Guided Missile) as Project Manager for on-board electronics. He was involved in the design of warhead system electronics, onboard power distribution and training Simulator.

In 2018 he Joined Hyper Sonic Cruise Vehicle project as Head, Electrical Integration. He has configured total electrical on board systems and designed the panel separation system to eject cruise vehicle from the launch vehicle at an altitude of 32 KMS. He has received innovation award for the development of Transportation lock for NAG Missile using smart material. AGNI award and Technology group award. Subsequent to superannuation he continued to work for DRDL as consultant



Er. Gnaneshwar Rao Kamtam

holds B.Tech (ECE), M.Tech (CSc) and Pursuing PhD from Osmania University, Hyderabad. Worked as 'EMS Software Developer' on People Soft for Telegence

Corporation, Canada. Since October, 1988, he has been working as an Engineer Grd-1 & Technical Head in Educational Multimedia Research Centre, Osmania University, Hyderabad. In the year 2009, he was Selected and sponsored by USTTI & IEEE (USA) for the course on "New Technologies in Broadcasting" at Voice of America, Washington DC, USA from 6th to 22nd May, 2009 to study the Digitalization of TV Production and Transmission. Received UGC National Award in "SOUND" category for the Video Programme title "BOOKFARE". Won many UGC-MHRD (National) & Sony Corporation Japan (International) Awards for the Educational Video Documentaries for which technical support extended.

Actively participated in the operationalization of "Satellite Interactive Terminals (SITs)" for the UGC-MHRD EDUSAT Network. Produced and directed 100 Educational Video Documentaries and extended technical support for more than 1500 Educational Video Documentaries and e-Content Programmes which were Broadcast on National Television Network. Training the faculty, scholars & students from various parts of India in the educational Video programmes production and presentation skills. Every year Technical write-ups are published in the Souvenir of Broad Engg Society. Technical papers presented in conferences and seminars. He is a Life Fellow of IETE & Life Member of BES, ISOI, BVB etc.



Dr. S. Arvind An academican and administrator with social responsibility possessing 31 years of rich experience in teaching at various levels and be on board of various committees in engineering institutes. Pursued B.E.,

M.Tech. and Ph.D. in Computer Science and Engineering, presented and published 54 papers in reputed National and International conferences and Journals including SCI and Scopus indexed, Chaired several sessions in international conferences. Recipient of state & district level awards for social service, best guide rewards from KSCST Raichur and IBM & Bites, Bangalore. Visited Michigan and Wisconsin, USA as GSE member from Rotary 3160



Dhirajkumar R. Deshpande

Qualification: B.E. (electronics & communication engineering) M.Tech.(vlsi system design) working as a associate professor In dept. of electronics & communication engineering bheemanna khandre

institute of technology, bhalki He as total experience: 27 years 7 months papers published in proceedings of international seminars/conference 03 papers published in proceedings of national seminars/conference 07 conferences/seminars/workshops attended:22 members of professional bodies:1) fellow of iete (f233924) 2) life member of iste (Im 26891) served as: EC member & Honorary Treasurer Gulbarga sub centre Gulbarga



Dr. P. Raj Reddy, M.Sc., Ph.D.,

M.Tech(CSE) Exp: 26 Years in Teaching & Admin Positions.At present working as Head & Prof of Math's at CBIT

.Published 30 papers in various National

/International journals and presented 50 papers in various conferences and also organized 05 conf/workshops/FDP sponsored by AICTE. Member in



Smt. C.V. KEERTHI LATHA

currently working as Assistant Professor in the department of Electronics and Communications Engineering in Stanley College of Engineering and Technology

for Women. She completed her B. Tech from Vidya Jyothi Institute of Technology in 2004, and M.E in the stream of Digital Systems from Osmania University in 2013. She is pursuing her PhD (ECE) from Osmania University in Embedded system domain. Her area of interests is Digital circuits, Biomedical Signal Processing, Image processing, Embedded Systems. Presented a survey paper in ICPET-2016, Conference on Brain MRI's and presented in CCSN Conference on Fetal monitoring System using LabView in 2021. She conducted workshops and FDPs in various domains. Attended a number of National and International seminars, conferences and workshops and published papers in reputed Journals. Totally she has 13 years of experience in Teaching UG and PG students. She guided 20 UG projects and 9 PG projects. She was awarded as best project guide in 2016, best ISF Coordinator in 2021.She is awarded as Best Women Academician from USRD in association with Naari Shakthi in the year 2022. She is life member of IETE, IAENG, and USRD. She has worked as a Co-Coordinator for ATAL Sponsored (1 Lakh) FDP in 2021 and as a Coordinator for AICTE SPICES Sponsored Project (1 Lakh) in the year 2022. She severed as EC member and Short-Term Training Program Sub-Committee Chairman for IETE, Hyderabad Centre 2021-2022 and continuing her service EC member and Women Empowerment Sub-Committee Chairman for IETE, Hyderabad Centre for the period 2022-2024.



Dr. A.V. Krishna Prasad

M.Tech (CSE), Ph.D (CS) Working as Associate Professor in IT Department, MVSR Engineering College, Hyderabad with 23 (+) years of teaching experience. Recognized Research Supervisor for JNTUH, OU & KL U. Working as a Nomination Committee Member and

Past Secretary for CSI (Computer Society of India) Hyderabad Chapter. Book under proposal with title "Innovative Research on IOT with Data Science and Machine Learning".

Published a book with title "Exploring the convergence of Big Data with Internet of Things" as an Editor from IGI Global Publications. Organized several workshops on Big Data Analytics using R under CSI - SIGBDA. Delivered key note technical talks in National and International conferences. Published research papers in 30 International Journals and 15 Conference Paper proceedings (6 International and 9 National conferences). Editorial Board Member or Reviewer for several international journals like International Journal on Computational Science & Applications (IJCSA) organized by AIRCC, Elsevier, IJCSIT, CSC journals, IJPS, BJMCS and WJEC. Session chair for several national and international conferences, Idea Evaluator, Mentor for Toyathon-21, Smart India Hackathon-18. Awarded PhD (CS) in Mining for Web Engineering from Sri Venkateswara University, Tirupati in 2012. Participated in Curriculum (Syllabus) revision at O.U, Vignan University. Membership in Professional bodies: Life member – CSI, CSTA and Member in ISTE, ISOC. Judge for Students Paper Presentations at several colleges (GNITS, Vardhaman Engineering College, OU, JNTU, CSI events etc.). At MIPGS, as a part of best teacher, received GOLD MEDAL in MCA Course for the year 2003 & 2005. My interests are in the subject areas of



Smt. Tuti Sandhya holds B.Tech(ECE), M.Tech(VLSI) and Pursuing PhD from JNTU, Hyderabad. Worked as Assistant in reputed colleges in Hyderabad. Established TLC (Teaching Learning Centre at

Sphoorthy Engineering College. Selected as Indo universal Collaborative Committee for Engineering Education (IUCEE) Leader. Received the Title "IngPaed. IGIP" in the form of a Certificate during

Madurai. Established CEED (Center for Engineering Education Development at KGR CET. Received Top Social Learner Award from Wiksate. Received Certificate of completion for IUCEE, International Engineering Educator Certification Program on June 18, 2015 (January –June 2015). Received an award for successful participation in the "GENTLE " Project on the occasion of ICTIEE-2015. Bangalore on January 8, 2015. Conducted several 5/2/1 Day FDP / workshops. Presently Working as Resource Person at Mahatma Gandhi National Council of Rural Education.



Dr. P.A. Harsha Vardhini, professor in the Department of Electronics and Communication, Vignan Institute of Technology and Science, Telangana has 20 years of teaching experience. She pursued her Ph.D in VLSI

Design from the department of ECE, JNTUH. Her research interests include VLSI, FPGA architectures, Soft Computing, Internet of Things, Artificial Intelligence, Machine Learning. -She is author of over 116 publications in various journals and conferences at national and International level including SCI, SCOPUS, IEEE, Springer, Elsevier and UGC. She holds 3 patents, 7 Books/Book chapters. -She is Fellow IEI, Fellow IETE, Senior Member IEEE (SMIEEE) & WIE member. She is a Life member of ISOI, IAENG, IAOE, STRA. - Her achievements include NPTEL STAR AWARD 2022, NPTEL STAR AWARD 2021, NPTEL STAR AWARD 2020, Best citizen gold medal award, Best Teacher Award (Uttam Acharya Award), Women Researcher Award, Best Thesis Award, Best Paper Awards from IEEE Conference committees. Received Rashtrapathi Award from President of India. She organized various FDPs, workshops, International webinars as coordinator and convener and Chaired sessions at various prestigious IEEE and Springer conferences. She is editor and reviewer of renowned International SCI, IEEE, UGC, SCOPUS Journals and various IEEE/Springer international conferences. Administrative Positions : Head of the Department, Dean Alumni Affairs, Chief IQAC Coordinator, Governing Body Member, ECE Department Advisory Committee Member.

IETE, Hyderabad Centre Annual General Body Meeting for the year 2020-2021 was held on Sunday, 27-06-2021 at 10:30 am, at IETE Hyderabad Centre. The Senior Distinguished Members, GC Members, and IETE, Hyderabad Centre Corporate members was attended.



BVRIT HYDERABAD

College of Engineering for Women

Guest Lecture Topic: NAVIC-An Indian Navigation Systems

Topic Delivered by **Er. Nuli Namassivaya**, Associate Professor, Department of ECE, MVSR Engineering College and Honorable Secretary, IETE.

Date: **8th June, 2022**

Students Attended: II ECE A and B Sections

The guest lecture NAVIC-An Indian Navigation System is conducted on 8th June 2022 in association with IETE. Er. Nuli Namassivaya delivered a talk on NAVIC- An Indian Navigation System for Second year students of ECE A and B sections. He discussed about the GPS System by USA and NAVIC by India. He also focused on limitations of GPS System and how they are overcome in Indian navigation system. Though Indian navigation system is in testing stage, we expect it to be used by Indians in the near future. He also distributed IETE student forum certificates to IETE members.



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

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