Message from N.Venkatesh
Chair, IEEE Hyderabad Section

Dear Section Members,

The IEEE Hyderabad Section starts 2019 on the pleasing note of being the recipient of IEEE R10 Outstanding Large Section Award of 2018. We truly had an outstanding year of activities and interaction – with over 500 programmes conducted throughout the Section's geographical boundaries, with over 46,000 attendees. And with the combined efforts of our committed volunteers, we are sure 2019 will be even better. The Section Executive Committee has been bolstered with the addition of Bala Prasad Peddigari, past Chair of the Computer Society Chapter, as the new Secretary, and Dr. Nookala Srinivasa Rao as the new Treasurer. Amit Kumar, the Vice Chair, and I are glad to have their able support and initiatives. In line with the Section's vision of being an 'Essential Resource for Professional Development ...' we aim to bring benefit to every one of our 6000+ members. Activities for 2019 have already started, and I urge you all to look for upcoming events in your email, or on our website www.ieeehyderabad.org , our Facebook page @ieeehyderabad or via our Twitter feeds from @ieeehyderabad.

And I'll always be glad to hear from you at chairman@ieeehyd.org.

Best wishes for a successful 2019 to all.
N.Venkatesh, Chair, IEEE Hyderabad Section

IEEE Hyderabad Section Mission and Vision
Vision:
To be an essential resource for the professional development in specific fields of interest of IEEE for the benefit of mankind.
Mission:
To provide a platform for knowledge sharing, networking, and career development to the local technical community.

Goals of IEEE Hyderabad Section
All members are requested to visit
https://ieeehyderabad.org/section/future-directions

Achievements by Society Chapters and Individual Members

1) Dr. Hitendra Sarma, Secretary, IEEE CIS Chapter, has attended WCCI-2018 @ Rio de Janerio and received the IEEE CIS Outstanding Award for the year 2016.

2) Computational Intelligence Society Chapter (CIS) received a grant of USD 8000 and Geo Remote Sensing Society (GRSS) received a grant of USD 3000 to conduct CIS Summer School in November 2018.

3) Dr. Mousmi Ajay Chaurasia was awarded a recognition certificate for her significant contribution to IEEE Hyderabad Section in the year 2018.

4) Dr. G. Sreelakshmi was awarded a recognition certificate for her significant contribution to IEEE Hyderabad Section in the year 2018.

5) Dr. M. Naresh was awarded a recognition certificate for his significant contribution to IEEE Hyderabad Section in the year 2018.

6) Mr. Pravan Praturi was awarded a recognition certificate for his significant contribution to IEEE Hyderabad Section in the year 2018.

7) Dr. Atul Negi was invited as session chair in IEEE Sensors 2018, 28-31 October 2018 in the focus session: Security & Data Integrity in Sensors Network Session on 31st October 2018.

8) Dr. P.V. Rajgoal was invited as Session Chair on "Electric & Hybrid Vehicles", on 8-Oct-2018, in the IEEE- International Conf. on "Asia Pacific Power& Energy Engineering Conference (APPEEC-2018)", held 8-10, Oct-2018, in Malaysia

9) Dr. Mousmi Ajay Chaurasia & Mr. Vamsi J Krishna graduated the MGA's Volunteer Leadership Training Program, VoLT. They were one among the 70 volunteers representing all IEEE Regions to complete the program.

CIS Summer School 2018

A proposal for conduct of a CIS Summer School was submitted by Atul Negi, immediate past chair and M. Naresh, Chair of IEEE CIS/GRSS Jt. Chapter to CIS Summer School committee, USA in March 2018. It was proposed to conduct a six-day summer school at Muffakham Jah college of Engineering & Technology, Hyderabad. The same was accepted for funding of USD 8000 by CIS Headquarters in May 2018. GRSS Headquarters also supported this program with a grant of USD 3000 under GRSS membership development program.

The 6-day IEEE Computational Intelligence Society Summer school was conducted at MJCET, Hyderabad from 22-27 November 2018. The event was financially supported by IEEE CIS Society, IEEE GRSS Society, IEEE Hyderabad Section and the host institute MJCET. A total of 50 participants had participated out of which 15 participants were from the other states like Chattisgarh, Uttrakhand, Mumbai, Karnataka, Andra Pradesh etc. Two workshops have been organized in two different places as PRE-EVENT activity to motivate the participants and to provide the prerequisites of this summer school. Poster presentations, Hands-on sessions, Demonstrations and local tours to Telangana HUB differentiated this Summer School from other events. The program was widely covered by both print and electronic media.

The event was Inaugurated in the presence of the Chief Guest **Dr. P.N. Suganthan**, Professor, Nanyang Technological University, Singapore and the Guest of Honor **Dr. Sabrina Senatore**, Professor, University of Salerno, Italy along with the Chairman of IEEE Hyderabad Section, Chairs of the event, Chapter leadership and Special invitees from the Host institute.

Glimpses from Inaugural ceremony

Dr. Sabrina Senatore had delivered two lectures on "Soft computing perspective for knowledge extraction and modeling". The second day of the school had five Lectures focused on the theory and applications of various Computational Intelligence methods.

Dr. Risto Miikkulainen's Lecture over SKYPE

Four posters were presented by the participants in the Afternoon Session. The speakers and fellow researchers had fruitful interactions with the authors of the posters.

L-R: Dr. Janez Brest, Dr. M. Pratama with participants

The third and fourth day emphasized on applications and practical sessions of various CI techniques.

Dr. Naresh presenting a memento to Dr. Avik Bhattacharya, IITB & Dr. Ashish Ghosh, ISI Kolkata

Hands-on sessions were organized by Dr. Tilottama Goswami to provide an overview of Datasets and Tools to be used in the subsequent laboratory tasks.

Mr. Madhav Negi, Executive Committee Member, IEEE Hyderabad Section gave a presentation on IEEE Membership Benefits and other opportunities like IEEE Collabratec, IEEE Tv and Job Portal etc., for the IEEE members.

A banquet dinner and a cultural program was organized on the theme of Indian Cultural Heritage. Students performed traditional dance like Bharatanatyam, Kuchipudi and Instruments which made the evening a memorable one.

Cultural Program participants with organisers and membership development talk by Madhav Negi

On 26th & 27th November 2018, workshop was focused on practical sessions on Fuzzy logic and AI in Health care. Dr. Akira Hirose, University of Tokyo, Japan shared his expert ideas on Advanced Neural Adaptive Processing in Interferometric and Polarimetric Radar Imaging in two consecutive lectures in these days.

Dr. Akira Hirose with organisers

Participants performing practical sessions

Group Photo with participants and organisers

A local tour was organized to visit T-Hub (Telangana Hub) (India's largest incubator for startups) to get the exposure of real time implementation of Artificial Intelligence, Machine Learning and other latest technologies. T-Hub is community space for start-ups, investors, incubators and accelerators in India.

Participants @ T-Hub

Finally, certificates of participation were presented to all participants. Day- wise feedback and an overall event feedback was taken by the participants through Moodle. The participants gave excellent feedback about the seessions and the local hospitality by MJCET, they asked to organize more such events in the future.

Participants receiving certificates from dignitaries

John McCarthy Memorial Lecture

IEEE CIS/GRSS Jt. Chapter in association with Muffakham Jah College of Engineering & Technology, Hyderabad has organized Annual Flagship event John McCarthy Memorial Lecture on "Non iterative Learning Algorithm" at MJCET, 22 Nov 2018, 9:30 am -10:30am. Around 45 participants attended this event. Dr. P.N. Suganthan, Professor, Nanyang Technological University, Singapore was invited as speaker for this event.

The main algorithms considered in this talk was randomized neural networks, kernel ridge regression and random forest. These non-iterative methods have attracted attention of researchers due to their high performance in terms of accuracy as well as their ability to train fast due to their non-iterative properties or closed form training solutions.

Dr. P.N. Suganthan delivering John McCarthy Memorial Lecture

2-day workshop on Artificial Intelligence & Machine Learning at GPREC, Kurnool

IEEE Information Theory Society Student Chapter, GPREC, Kurnool organised two-Day National Level Workshop on 'Artificial Intelligence and Machine Learning (AIM 2018)' at GPREC, Kurnool, 24-25 September 2018. This was one of the pre-events conducted by IEEE CIS/GRSS volunteers to promote CIS Summer School 2018. Around 80 participants attended the event. There were three speakers from IEEE CIS/GRSS Jt. Chapter from IEEE Hyderabad section in this event. Atul Negi, Professor, University of Hyderabad, Hitendra Sarma, Secretary/Treasurer, IEEE CIS/GRSS Jt Chapter, Hyderabad Section and Tilottama Goswami, BVRIT, Hyderabad.

Dignitaries on dais during Inaugural session

2-day workshop on "Machine Leaning using Python" at JNTUA, Kalikiri

IEEE CIS/GRSS Jt. Chapter in association with IEEE Anantapur sub-section and Department of CSE, JNTUA has organized a 2-day workshop on "Machine Leaning using Python" at JNTUACE on 6-7 Oct 2018 9am – 5pm. Around 60 participants attended this event of which 10 were IEEE members. There were four speakers in this event.

Amit Parashuram Kesarkar, Scientist – SE, NARL, Gadanki, Abhishek, IBM, T. Hitendra Sarma, Secretary/Treasurer – IEEE CIS/GRSS Jt Chapter, Hyderabad Section and Tilottama Goswami, BVRIT, Hyderabad.

Applications of machine learning in weather and climate prediction was explained by the experts from National Atmospheric Research Lab (NARL). One day complete hands-on sessions was planned on introduction to Python programming, machine learning library scikit-learn and demonstration of machine learning algorithms based on Python.

Group Photo and Organizers felicitating Hitendra Sarma

Jt. Chapter CAS/EDS Activities

Technical talk on "VLSI Design for Excellence (DFX) for Autonomous Vehicles"

IEEE CAS/EDS Jt. Chapter in association with IEEE NMREC Student Branch has organized a technical talk on "VLSI Design for Excellence (DFX) for Autonomous Vehicles" by Dr. Rajagopalan Srinivasan NVIDIA, Santa Clara USA on 21st December 2018. The session started with the speaker Dr. Rajagoplan Srinivasan showing a very interesting video on Nvidia Drive. The speaker first introduced the topic of Autonomous Vehicles and later on spanned from Design Features of AV vehicles, GPU based SoCs. Professor. Atul Negi addressed the participants about the various activities of IEEE Hyderabad section and benefits of being IEEE membership. Prof. Govindachariyulu highlighted about Circuits and Systems Society (CAS) and its activities in recent times.

L-R: Govindacharyulu, Dr. Rajagopalan Srinivasan, Atul Negi, V. Mohan

ComSoc/SPS chapter Activities

1-day workshop on "Signal Processing via Python"

IEEE Communication Society/Signal processing society of IEEE Hyderabad Section is association with IEEE Vizag Bay Sub Section organized a workshop on "Signal Processing using Python" on 28th July 2018 at MVGR College of Engineering, Vijayanagaram. Prof G.V.V. Sarma, Indian Institute of Technology, Hyderabad and Vice-Chair ComSoc/SPS Society, Hyderabad was the resource person. Prof R. Ramana Reddy, Dr. S. Lakshminarayana attended this workshop as guests. There were 51 delegates (35 IEEE and 16 Non-IEEE) members. Few programs were coded by Prof G.V.V. Sarma and all the participants learned to code, execute. Prof. Sarma also explained mathematical solutions to few Signal Procession Problems and implementation strategies. Participation Certificates were issued by Dr. Lakshminarayana Sadasivuni and Prof Ramana Reddy proposed the vote of thanks.

Hands-on session during the event

Distribution of certificate to the participant

IEEE Educational Activities Board,USA, approved the proposal of IEEE, EDSOC, Hyderabad Section to conduct Teacher In Service Program(TISP) at National Institute of Technology, Warangal. The program was conducted on 27th October 2018. There were 35 teachers from various Zilla Parishad High Schools spread in various parts of Warangal District who participated in this event. Program was inaugurated by Prof. N.V.Ramana Rao, Director, NIT Warangal. Prof. D.V.S.S.Siva Sarma, Chair EDSOC Society Chapter briefed the participants about the objectives of the TISP program. Prof.Laxma Reddy, Professor of Chemistry spoke about the need for science teachers to upgrade their knowledge. District Science Officer Dr.Kesava Rao appreciated the contribution of IEEE Hyderabad section in reaching out to the science teachers through TISP.

D.V.S.S.Siva Sarma, Chair EDSOC Chapter speaking about TISP

IEEE PES/IAS/PELS Jt. Chapter, Hyderabad Section conducted 28th Faraday Memorial Lecture on "Gas Insulated Lines'' on 24th November 2018 at Hotel Plaza, Begumpet. The eminent speaker Dr. Shivaji Chakraborty, Chair, IEEE India Council was invited as speaker for the same. He enlightened the prospectus of gas insulated lines. Around 30 participants attended this flagship event.

Dr. Shivaji Chakraborty delivering FML

Group photo with participants and organisers

IEEE WIE Affinity Group, Hyderabad Section in Collaboration with IEEE WIE MJCET, Hyderabad conducted Workshop on "Design of Voice Controlled Robotic Arm'' sponsored under IEEE Asia Pacific(R10) WIE Visibility Enhancement Through Events Program(VEEP). USD 300 were sanctioned for funding from R10. The program was conducted in three phases on 10th Sept. 18, 4th Oct. 18 and 28th Dec. 18. Total 697 school students were approached and benefitted from this event.

Inauguration of workshop in Phase I

Participants demonstrating their project in Phase II

Leadership Opportunities for Professional Women at Vijaywada, AP

Women in Engineering Affinity Group, IEEE Hyderabad section in association with IEEE Guntur sub-section organized a two-day workshop on "Leadership Opportunities for Professional Women", at Efftronics Systems Pvt. Ltd. Vijayawada, AP, on 27-28 October, 2018. The main aim of this event is enabling empowered women to work and exceed in all PRODUCTIVE sectors, energize them to Excel in contributing towards the socio-economic growth of the nation. This event was conducted to suport the vision and mission of WIE AG, "Connect Support Inspire". Over 120 participants attended this event from academia and industry and the event got excellent feedback. This event created an opportunity for every woman to excel in her roles and also getting awareness about the importance of WIE.

Group photo with participants and organisers

Leadership Challenges for Professional Women at SVECW, Tirupati

Women in Engineering Affinity Group, IEEE Hyderabad section in association with IEEE Anathapuram sub-section organized a two-day workshop on "Leadership Challenges for Professional Women" on 16-17 November, 2018 at SVECW, Tirupathi. The theme of the event is *"INSPIRE CHANGE"*. Participants got an opportunity to *get* inspired and to empower themselves, in order to fearlessly break the barriers. This charge makes them to "Transform their world & Transform their life". Over 150 participants both from academia and industry attended this event and made grand success. Dr. Shankar, Chair IEEE Anathapuram sub-section, Dr. Madhavi, coordinated for this event to take place at Tirupathi.

Group photo with participants and organizers

Research & Start-up Opportunities for Professional Women at VGEC, Warangal

Women in Engineering Affinity Group, IEEE Hyderabad section in association with Vaagdevi group of Engineering Colleges organized a one day workshop on "Research & Start-up Opportunities for Professional Women" on 1st December, 2018. The theme of the event is "Dare to Dream and Work to Achieve". The workshop has focused on opportunities for women towards start-ups and how to work for research, how to write papers for journals and conferences. Dr. Amit Kumar, Vice-Chair, IEEE Hyderabad Section has spoken on "Do we live in Androcentric cities", Dr. Yedukondalu Professor, ECE, CVRCE, spoken on "How to publish research work", Ms. Sri Vidya Valdlapudi, Managing Director Innovivi center of excellence, spoken on "Research linked to start-ups", Mr. Sourav Karmakar,CEO Infinos, spoken on "Research to Entrepreneurship" and Dr. G. Sree Lakshmi, chair WIE AG IEEE Hyderaabd Section, spoken on "Best Practices in IEEE & WIE". Over 150 faculties from various engineering colleges around Warangal zone has attended the event and got benefited.

Group photo with participants and organizers

Leadership Challenges for Professional Women at Hotel Plaza, Hyderabad

Women in Engineering Affinity Group, IEEE Hyderabad section organized a one-day workshop on "Leadership Challenges for Professional Women" on 16th December, 2018 at The Hotel Plaza, Begumpet, Hyderabad. The theme of the event is "Together we can change the World". Mrs. Ramalakshmi first IFS officer, spoke on Leadership qualities for Women, Mrs. Deepthi Ravula, CEO of WE HUB has enlightened about 10 rules for successful women. Over 50 professionals participated for the event and got motivated by the eminent inspiring speakers.

Dr. G. Sreelakshmi felicitating Mrs. Ramalakshmi, first IFS officer

First Flagship Lalitha Memorial Lecture (LML) at Hotel Plaza, Hyderabad

Women in Engineering Affinity Group (WIE AG), IEEE Hyderabad Section has initiated a New Lecture Series in the memory of "Ayyalasomayajula Lalitha", the first Woman Engineer in India. This was a first flagship event of WIE AG, IEEE Hyderabad Section. The mission of this lecture was to promote, to excel, to motivate young girls towards STEM, to make every woman to participate and reach their goals professionally, to emphasize, to retain and bring back the women dropping out in large numbers in mid-career into work force and to inculcate a "career identity" in strong young brains, which makes them handle the demands of their personal and professional lives. The first LML talk was given by Dr. V. R Lalithambika, Director, DHSP, ISRO Hq. on the topic "New Horizons".

Group photo with participants and organizers

InCAP2018 Women in Engineering Special Session - Hyderabad International Convention Center (HICC), Hyderabad

Women in Engineering Affinity Group (WIE AG), IEEE Hyderabad Section in association with InCAP2018 organized "InCAP2018 Women in Engineering" on 18th December 2018 at HICC Novotel Hyderabad.
The session was started by Dr. Latha Cristie, Scientist, DRDO followed by Dr. Hema Singh, Principal Scientist in Centre for Electromagnetics, (CSIR-NAL) and Dr. G. Sree Lakshmi, Chair WIE AG IEEE Hyderabad Section. Event aimed towards encouraging youngsters and experts for the betterment of science and technology.

Inaugural session of WIE Special Session in InCAP 2018

Young Professional AG Activities
Technical talk on "Young Professional in Space & Engineering 2018"

IEEE Young Professionals, Hyderabad in association with Young Professionals In Space & Engineering organized a session titled "Young Professional in Space & Engineering 2018" on 16th December 2018 at HICC Novotel Hyderabad. All the invited speakers were young achievers in their respective fields and are Young Professionals in Space & Engineering. Speakers list include: Ms. Priyanka Mishra, ISRO, Dr. Nacer Chahat, NASA, Mr. Raghav Sharma, Xovian Aerospace and Mr. Puneet Kumar Mishra, ISRO. They were determined to transfer the treasure of expertise and knowledge to future generations. Event was encouraging youngsters and experts for the betterment of science and technology.

Participants attending event

Vizag-Bay Sub Section Activities

Two Invited talk was organized on "Recent Trends and Challenges in Software Development" by Dr. P. Satheesh, MVGR College of Engineering & on "STEM Projects – An academic passport to Career" by Lakshminarayana Sadasivuni on 5th October 2018 by Aditya College of Engineering and Tech, Kakinada.

Group photo with organisers

An invited talk was organized on "Advances in Electrical Machines" by Sri Basam Venkata Rao, Sc-D, NSTL at IETE Bhavan, Visakhapatnam on 9th October 2018.

IEEE Ananthapuramu Sub-Section is association with IEEE Student Branch (SB) JNTUACEA (Jawaharlal Nehru Technological University Anantapur College of Engineering, Autonomous) STB 12431 conducted 2-day workshop on "Pedagogical Skills for Outcome Based Education" 6-7 November 2018. Total 80 participants were benefitted from this event. Dr. D.V.S.S. Sarma has given a talk on Role of Teacher in a Learner Centric Classroom and discussed about effective Teaching methodologies. Also explained about evaluation of Rubrics for Project oriented courses. Dr. B. V. Appa Rao, Professor from Teaching Learning Centre, National Institute of Technology, Warangal, has delivered two lectures on "Student Centre Teaching – Learning Strategies to Enhance Quality of Engineering Education" and "Taxonomy of Learning levels". Dr. S. Lakshmi Narayana, Chair, Vizag- Bay Subsection has delivered two lectures on "Accreditation in Technical Education- Sustainability with Outcome Based Education". Dr. B.V. Appa Rao, has delivered lecture on "Active Learning Strategies for Diverse Learners".

L – R: Dr. K. Jithendra Gowd, Dr. M.L.S. Deva Kumar, Dr. K. Prahlada Rao, Dr. D.V.S.S. Sarma, Dr. V. Sankar, Dr. R. Kiranmayi during Inaural function

The IEEE SB of DIET encouraged its students to participate in the IEEE Extreme12.0 challange on 20 and 21 October 2018 from 5.30 AM (20 October 2018) to 5.30 AM(21 October 2018). This 24 hour challenge was held in the DIET Computer lab in which 28 teams with 83 participants registered. One of the teams secured a score of 131.6 with an all India rank of 164 (Worldwide rank – 1092). The faculty mentors and proctors for this seesion were Mr. A. Krishna Nag, Mr. A. Vasudev Rao, Ms. P. Jagruthi

THE IEEE DIET SB organised a Faraday Memorial Distinguished talk on "Approach for the Design of PM Drive for Electric Vehicles" by Dr. Basam Venkat Rao for which IEEE Members (65 students), Non IEEE Members (129 students), Spot Registered Candidates (75 students), Faculty (20) and hence a total of 289 participants have registered.

Call for articles / Individual member achievements

It is decided in the Section meeting that individual member accomplishments like publishing of a paper in IEEE journal/conference, taking up of a new position/responsibility (IEEE or any office of Public Interest), elevation to IEEE membership status, IEEE awards/Notable mentions can be mentioned in the newsletter under the achievements column to be started from next issue of newsletter. Please send in your articles/achievements for publication in newsletter to synapse.ieeehyd@gmail.com

Modeling of Systems Working Group (MOS–AK)
Arbeitskreis Modellierung von Systemen und Parameterextraktion

**2019 IEEE International Conference on
Modeling of Systems Circuits and Devices (MOS-AK India 2019)**
Organised by Joint Chapter of CAS /ED Societies,
IEEE Hyderabad Section
Second MOS – AK India Conference (IEEE Conference #45395)
Venue: IIT Hyderabad   Dates: February 25-27, 2019

MOS AK India 2019 - Enabling International Compact Modeling R&D Exchange

Call for Participation

MOS-AK is an international established HiTech forum to discuss the frontiers of electron device modeling with emphasis on simulation-aware compact/SPICE models. The main aim of the conference is to strengthen the network among experts in the field by serving as an open platform for information exchange related to compact/SPICE modeling and Verilog-A standardization, bringing people in the compact modeling field together, as well as obtaining feedback from technology developers, circuit designers, and CAD tool vendors. The topics cover all important aspects of compact model development, implementation, deployment and standardization within the main theme - frontiers of the compact modeling for nm-scale MEMS designs and CMOS/SOI circuit simulation.

This conference is designed for students and professionals interested in the area of device process (CMOS, SOI, BiCMOS, SiGe), ICs design (RF/Analog/Mixed-Signal/SoC) and those starting in that area as well as device characterization, modeling and parameter extraction engineers. The content will be beneficial for anyone who needs to learn what is really behind IC simulation and modern device models.

Pre Conference Tutorial Monday, 25 February 2019

Tutorial Track A1 (Morning Session): ESD on-chip protection design by Charvaka Duvvury ,iT2 Technologies, USA

Tutorial Track B1: Verilog-A Standardization by Wladek Grabinski, MOS – AK, Switzerland

Tutorial Track A2: Radiation effect and Radiation hardening in devices by Weronika Zubrzycka, AGH, Poland

Tutorial Track B2(: Characterization of Semiconductor Devices in the High Frequency Regime by Roberto Murphy, INAOE, Mexico

Plenary Talks

Plenary Talk 1:Well-Posed Compact Modelling by Jaijeet Roychowdhury, University of California, Berkeley, USA (26 February 2019)

Plenary Talk 2 : Compact Modeling for Industrial Applications by Ehrenfried Seebacher, ams semicondutors, Austria (27 February 2019)

Keynote Talks

Keynote Talk 1: Negative Capacitance Transistors - Modeling, Simulation and Processor Performance by Yogesh Singh Chauhan, IIT Kanpur

Keynote Talk 2: Atom-to-Circuit modeling technique for emerging nanomaterial based MOSFETs by Santanu Mahapatra, IISc Bangalore

Keynote Talk 3: Radiation Effects on Circuits for Space and High-Energy Physics Applications – A case study by Weronika Zubrzycka, AGH, Poland

Keynote Talk 4: Compact Models for Analog and Mixed Signal Design by Usha Gogineni, Maxim Integrated, Bangalore

Keynote Talk 5: Challenges for RF modeling in the connected era by Madabusi Govindrajan, GLOBALFOUNDRIES, Bangalore

Keynote Talk 6: Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor , DDU College, University of Delhi.

Keynote Talk 5: Charge Trapping Phenomena in MOSFETS: From Noise to Bias Temperature Instability by Gilson Wirth, UFRGS, Brazil(Skype Session)

Panel Discussion: Career opportunities for Women in Engineering by Dr. Latha Christie, DRDO, Bangalore

About 20 Technical Papers and High Quality Industry presentations

Registration Fees

Registration Type	IEEE member	Non IEEE member
Students - Tutorial Only – 1 day registration	Rs. 1000	Rs. 1250
Students - Tutorial and Conference – 3 day registration	Rs. 2000	Rs. 2500
Professionals - Tutorial Only – 1 day registration	Rs. 1500	Rs. 2000
Professionals - Tutorial and Conference – 3 day registration	Rs. 3000	Rs. 3500

Student Registrations(UG/PG/Ph.D) will have to produce their valid ID card at registration desk. The above registration consists of Lunch, Snacks, Registration Kit and Participation Certificate. Fees is non refundable and non transferable

Limited Accommodation available at IIT Hyderabad Campus on payment of nominal charges. For details please send email to
secretary.mosak.india@gmail.com
Registration is only Online through secure payment gateway of Explara. Please visit
www.explara.com/e/mosakregistration

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IEEE Hyderabad Section Slate 2019

Section Executive Committee

Designation	Name	Organisation	E-mail
Chair	N. Venkatesh	Redpine Signals	nvenkatesh@ieee.org
ViceChair	Amit Kumar	BioAxis DNA Res Centre (P) Ltd	amitkr@ieee.org
Secretary	Bala Prasad Peddigari	TCS, Hyderabad	bala.peddigari@ieee.org
Treasurer	Nookala Srinivasa Rao	Mathrusri Engg College	srinivasa.nookala@gmail.com
Member	Lakshminarayana Sadasivuni	CSIR (Retd.)	slnvizag@gmail.com
Member	Sreenivas Jasti	TCS, Hyderabaad	sreenivas.jasti@ieee.org
Member	Gopala Krishna Kuppa	Consultant	gopalakrishna.kuppa@hotmail.com
Immediate Past Chair	PVS Maruthi Rao	Vidcentum R&D Pvt Ltd.	pvsmaruthi@ieee.org

Computer Society Chapter

Designation	Name	Organisation	E-mail
Chair	Vidyasagar T	TCS, Hyderabaad	sagarvt@ieee.org
Vice Chair	MA Jabbar	Vardhaman College of Engg.	jabbar.meerja@gmail.com
Secretary	Rajnikanth Aluvalu	Vardhaman College of Engg.	rajanikanth.aluvalu@gmail.com
Treasurer	Gollapudi Ramesh Chandra	VNR VJIT	gollapudi_ramesh@yahoo.com
Member	G. Geeta	BITS Pilani, Hyderabad	geethamaruvada@gmail.com
Member	K. Shyamala	CSE Dept. OU	prkshyamala@gmail.com
Immediate Past Chair	Bala Prasad Peddigari	TCS, Hyderabaad	bala.peddigari@ieee.org

COMSOC/SP Society Joint Chapter

Designation	Name	Organisation	E-mail
Chair	Lalitha Vadlamani	IIIT Hyderabad	lalitha.v@iiit.ac.in
Vice-Chair	TSN Murthy	JNTU, Vijayanagaram	surya_tummala@ieee.org
Secretary	Nitin Sharma	Qualcomm India	nitin.sharma.ipr@outlook.com
Treasurer	Abhinav Kumar	IIT Hyderabad	Abhinav.kumar.sharma@gmail.com
Member	GVV Sharma	IIT Hyderabad	gadepall@gmail.com
Member	Prasad Krishnan	IIIT Hyderabad	Prasad.Krishnan@iiit.ac.in
Member	John Benedict	Amazon INC	john.benedict.007@gmail.com
Immediate Past Chair	Sanjeev Nimishakavi	Qualcomm	sanjeevrn@yahoo.com

Computational Intelligence and Remote Sensing Societies Joint Chapter

Designation	Name	Organisation	E-mail
Chair	Hitendra Sarma	SRIT, Ananthapuramu	t.hitendrasarma@gmail.com
Vice Chair	Vijayalaxmi Biradar	VITS Hyderabad	laxmi81181@gmail.com
Secretary/Treasurer	Mousmi Ajay Chaurasia	MJ CET, Hyderabad	mousmi.ksu@ieee.org
Member	Tilottama Goswami	BVRIT, Hyderabad	tilottama.goswami@ieee.org
Member	Kidambi Seshadri	NRSC	seshadri.nrsc@gmail.com
Immediate Past Chair	M. Naresh	NRSC	nareshm@ieee.org

CAS/EDS Joint Chapter

Chair	Mohammed Arifuddin Sohel	M J CET, Hyderabad	arif.sohel@gmail.com
Vice Chair	A Krishnakant	Austria Micro Systems	gowrikrishnakanth.avalur@ams.com
Secretary	P. Chandrasekhar	Head, ECE, OUCE	sekharpaidimarry@gmail.com
Treasurer	P. Vijaya Sankar Rao	University of Hyderabad	vijaysp@uohyd.ac.in
Member	P A Govindacharyulu	Vasavi College of Engg	pagovindacharyulu@yahoo.com
Member	Adupa Chakradhar	Jayamukhi Inst of Tech & Sci	adupa.chakradhar@gmail.com
Immediate Past Chair	Kaleem Fatima	M J CET, Hyderabad	kaleemfatima@gmail.com

Education Society Chapter

Chair	D V S S Siva Sarma	NIT Warangal	sivasarma@gmail.com
Vice Chair	D Ramakrishna	Dept. ECE, OUCE, OU	dasariramakrishna@yahoo.com
Secretary	Tara Saikumar	CMRTC, Hyderabad	tara.sai437@gmail.com
Treasurer	D Naga Raju	Matrusri Engineering College	nagaraju.devajji@gmail.com
Member	V. Suresh Kumar	MVSR Engg College	vsureshkumar_ece@mvsr.edu.in
Immediate Past Chair	Nookala Srinivasa Rao	Mathrusri Engg College	srinivasa.nookala@gmail.com

MTT/AP/EMC Society Joint Chapter

Chair	Sandeep M Satav	RCI, DRDO	sandeepm.satav@rcilab.in
Vice Chair	K Jaya Sankar	MGIT	kottareddyjs@gmail.com
Secretary	Runa Kumari	BITS Pilani, Hyd Campus	runakumari@hyderabad.bits-pilani.ac.in
Treasurer	Sachin Jain	ASL, DRDO	sachinjian@asl.drdo.in
Member	Ch. Viswanadham	BEL, Hyderabad	vishwanadhamch@bel.co.in
Member	Prashant Mishra	RCI, DRDO	mishra.pk81@gmail.com
Member	Anantha Bharathi	ECE Dept. UCE OU	bharathig8@gmail.com
Immediate Past Chair	Yogesh Kumar Verma	RCI, DRDO	ykverma@yahoo.com

PES/IAS/PELS Society Joint Chapter

Chair	P.V.Rajgopal	Gen.Manager BHEL R&D (rtd.)	rajgopal3e@gmail.com
Vice Chair	Gaddam Mallesham	Dept.of EEE OUCE	gm.eed.cs@gmail.com
Secretary	Naveen Kumar Marati	Valeo India Pvt. Ltd	naveen0724@gmail.com
Treasurer	Siddhartha Konapala	Amazon	siddhartha.k.sid@gmail.com
Member	J. Namratha Manohar	MJCET, Hyderabad	jnm4607@yahoo.com
Member	C. Harinath	GPREC Kurnool	charinathr@gmail.com
Member	G. Siva Kumar	Dept.of EEE NIT Warangal	g.sivakumar.in@ieee.org
Immediate Past Chair	Kuppa Gopala Krishna	Consultant	gopalakrishna.kuppa@hotmail.com

Photonics Society Chapter

Chair	PV Ramana	Vasavi College of Engg.	pvramana@staff.vce.ac.in
Vice-Chairman	Prof. M Satyanarayana	VNR VJIT	drsatyanarayana.malladi@gmail.com
Secretary	M Sree Ramana	RCI, Hyderabad	sree_mn@yahoo.com
Treasurer	Syed Azeemuddin	IIIT, Hyderabad	faisals2@yahoo.com
Member	D Ramakrishna Rao	VNR VJIET	dramkrao@gmail.com
Member	P Sudhakar	Gitanjali College Of Engg	pillodisudhakar@gmail.com
Immediate Past Chair	Kasyapa Balemarthy	OFS Optics	kbalemarthy@ofsoptics.com

Technology and Engineering Management Society

Chair	Aditya Rao	Oracle	a.rao@computer.org
Vice Chair	P Ravi Shankar	IIIT, VLABS	prs7953@gmail.com
Secretary / Treasurer	Ch Venkaiah	NIT Warangal	ch.venkaiah@gmail.com
Member	Sitaram Tadepally	TCS	sitaram.Tadepalli@tcs.com
Member	Rajagopalan Kannan	BHEL R&D (Retd.)	bhelkannan@gmail.com
Immediate Past Chair	Jose R	TCS	jose.reddypogu@tcs.com

WIE Affinity Group

Chair	G Sreelakshmi	CVR College of Engineering	s_sreelakshmi@yahoo.com
Vice Chair	Padma Sai. Y	HOD ECE, VNRVJIT	ypadmasai@gmail.com
Secretary	Poojitha Vasagiri	NTT Data	vasagiripujitha@gmail.com
Treasurer	Harivardhagini Subhadra	CVR College of Engineering	harivardhagini@gmail.com
Member	M. Aruna Bharathi	Geetanjali College of Eng &Tech	arunabharathi916@gmail.com
Member	Shaik Suraiah Thaseen	Kurnool	shaik.suraiahthaseen@ieee.org
Member	Mounica Alamanda	Schneider Electric India Pvt Ltd	mounica.am62@gmail.com
Immediate Past Chair	Vijayalakshmi Biradar	Vignan Inst.of Tech. and Sci.	laxmi81181@gmail.com

Young Professionals Affinity Group

Chair	Saurabh Jain	CGI Hyderabad	saurabh.jain.1988@ieee.org
Vice Chair	Fahimuddin Shaik	AITS Rajampet	fahimuddin.shaik.in@ieee.org
Secretary	Vamsi J Krishna	TiE Hyderabad	vamshikrishnaj@ieee.org
Treasurer	Abhay Joshi	Ineda Systems Pvt. Ltd.	abhay.joshi.in@ieee.org
Member	Sanmithra Muddigonda	TIBCO Software India	sanmithra.mudigonda@ieee.org
Member	Sai Thejeshwar	ALPES.ai	ssai.thejeshwar.in@ieee.org
Member	Merugu Suresh	CMRIT	msuresh@ieee.org
Immediate Past Chair	Vinit Kumar Gunjan	CMRIT	vinitkumargunjan@gmail.com

VIZAG BAY Subsection			
Chair	K.V. Sriram	Andhra Electronics, Kakinada	kvsriram@ieee.org
Vice Chair	N. Deepika Rani	GVP College of Engineering	deepu_nivas@gvpec.ac.in
Secretary	Chisti Md KhwajaMoinuddin	GITAM, Visakhapatnam	chisti09@gmail.com
Treasurer	M. Vijaya	NSTL, Visakhapatnam	vijaya.m@nstl.drdo.in
Member	R. Ramana Reddy	MVGR College of Engg.	profrrreddy@yahoo.co.in
Member	VVSSS Chakravarthy	Raghu College of Engg.	sameervedula@ieee.org
Member	P. Satheesh	MVGR College of Engg.	patchikolla@yahoo.com
Immediate Past Chair	Abraham Varughese	NSTL, Visakhapatnam	abraham.v@nstl.drdi.in
Guntur Subsection			
Chair	D.Ramakrishna	EFFTRONICS	md@efftronics.com
Vice Chair	Lalitha S V N L	K L University	svnllalitha@gmail.com
Secretary	E.Sreenivasulu Reddy	Acharya Nagarjuna University	edara_67@yahoo.com
Treasurer	K. Swarnasri	RVR&JC College of Engineering	swarnasrik@gmail.com
Member	Usha Rani N	Vignan's Foundation for ST&R	usharani.nsai@gmail.com
Member	Umavani M	LBRCE, Vijayawada	marreddy.umavani@gmail.com
Member	SK Riyaz Hussain	IIIT, Nuzvid	riyazhussain786@gmail.com
Immediate Past Chair	P.Siddaiah	Acharya Nagarjuna University	siddaiah_p@yahoo.com
Anantapuramu Subsection			
Chair	V.Sankar	JNTUA	sankar.velamury@ieeehyd.org
Vice Chair	Y.V.Siva Reddy	GPREC, Kurnool	siva7005@rediffmail.com
Secretary	C.Shoba Bindu	JNTUACEA	shobabindhu@gmail.com
Treasurer	J.Sreenivasulu	JNTUACEA	eswaram_238@rediffmail.com
Member	B.Eswara Reddy	Dept. of CSEl, JNTUACEK	eswar.cse@jntua.ac.in
Member	T.Gowri Manohar	Dept. of EEE, SVUCE, Tirupati	gowrimanohart@gmail.com
Member	D V Ashok Kumar	RGM CET, Nandyal	rgmdad09@gmail.com

Standing Committees for 2019

Committee	Chair and members	Organization	Email
Chair, Educational Activities	R Balasubramaniam	GNITS, Hyderabad	rbmanian47@gmail.com
Chair, Students Activities	Y Vijayalata Reddy	GRIET	vijaya@ieee.org
Chair, Membership Development	Abhay Joshi	Ineda Systems	abhay.joshi.in@ieee.org
Newsletter	Chief Editor: Arifuddin Sohel Editor: Mousmi	MJCET MJCET	arif.sohel@gmail.com mousmi.ksu@ieee.org
Chair, IRC	V Venkataramana	Ornnova Technologies	vvri4vg@outlook.com
Section Student Representative	Hyderabad: Vizag Bay: Guntur: Anantapur:	<To be indicated by SAC>	
India Council representative	Amit Kumar	BioAxis DNA Res Centre (P) Ltd	amitkr@ieee.org
Nomination Committee	Chair: Lakshminarayana Merugu	DLRL, DRDO (Retd.)	lnmerugu@gmail.com
Website content management	Vamsi Krishna	TiE Hyderabad	vamshikrishnaj@ieee.org
Awards and Recognition Committee	Chair: Atul Negi	University of Hyderabad	atul.negi@ieee.org
Conference Committee	Chair: Amit Kumar Member: Ch Venkaiah Member: Atul Negi Member: Vijayalata		amitkr@ieee.org ch.venkaiah@gmail.com atul.negi@ieee.org vijaya@ieee.org
STEM Committee	Chair: Sudhakar Kolluru	Novartis	sudhakar.kolluru@gmail.com