

# Women in Engineering (WiE)

## Guest Lecture in AISYWC 2019

In AISYWC-2019, a talk was organized under Women in Engineering with a positive vibe of turning an obstacle into an opportunity. This positive vibe was spread by Dr. Sandhya Kode Director, Training and Development, IIT Hyderabad. She began the session by explaining how to turn obstacles into opportunities. Ability to learn and life long journey, collaboration, communication skills, integrity leveraging the technology and leveraging strength were some of the points shared by her. She insisted on some important points such as the right way to treat other people is how you want to be treated and choosing the right thing in difficult situations is the real life. She concluded her speech by motivating the gathering to strengthen the core, exercise, build resilience especially adversity quotient to turn obstacles into opportunities.



Dr. Sandhya Kode, Director, IIT Hyderabad delivering the talk

## Lalitha Memorial Lecture 2019

Women in Engineering Affinity Group, IEEE Hyderabad Section has organized a second flagship event under WIE, IEEE Hyderabad Section "Lalitha Memorial Lecture" along with WIE AG Decennial Celebrations on 16th December 2019, at Hotel The Plaza, Begumpet, Hyderabad. LML had initiated by me in the last year as a New Lecture Series in the memory of "Ayyalasomayajula Lalitha", the First Woman Engineer in India. The vision of initiation of this lecture is minimizing the gender gap and assists the sustainable development of our country for Science, Technology, Innovation, and Entrepreneurship among woman. The mission of this lecture is 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 workforce and to inculcate a "career identity" in strong young brains, which makes them to handle the demands of their personal and professional lives. The

speaker for the second LML talk is Mrs. Durga Rao, Managing Director, Sulakhshana Circuits Limited, and she has delivered a talk on “The Challenges of a Woman Technopreneur in the Electronics Manufacturing Sector”.



**Dr.M.Lakshmi Narayana felicitating Ms. Durga Rao, CEO, Sulakhsha Circuits**  
**L:R: P. Bala, M. Lakhminarayana, Ms. Durga Rao, N. Venkatesh, G. Sreelaxmi, Y. Padmasai, Harivardhini**

## **Women in Entrepreneurship & Career Opportunities**

IEEE WIE AG organized expert talk on —Women in Entrepreneurship and Career opportunities on 21st January 2020 at G. Narayanamma Institute of Technological & Sciences. The objective of the event was to encourage the students and identify the solutions to particular problems. In this regard Dr Y. Padma Sai had spoken the significance of trending technologies. She also described how women can equalize the future and work in a decent attitude. To set a goal what are the opportunities are there in the society has briefly explained by Dr Sosin Kalyan. He illustrated on research, Entrepreneurship and startup resources. Dr Zohoorallah S MD has explained about how the government and ATAL hubs motivating or initiating the students and entrepreneurs in the start-ups and internships. Finally, G. SreeLakshmi motivated the participants with the benefits of IEEE-WIE AG



Group photo with participants

## **Challenges for Professional Women: Work-Life Balance (Take Command, Be Empowered and Own Your Future)**

IEEE WIE AG in collaboration with Department of Electrical Engineering, Osmania University organised two days workshop on Challenges for Professional women: work-life balance (Take Command, Be Empowered and own your Future) between the 7th February 2020 and 8th February 2020. On 1st day of the workshop started with an inaugural ceremony after that Mrs Madhumathi had talked about how to stabilize the professional life. Then the session was interpreted by Prof Sandhya Kode had apprised the women to balance between their professional and personal life. Finally, Dr Yaagiri had illustrated regarding the self-defence. On the 2nd day of the workshop, commenced by Mrs Venkateswary by constitutional laws then it was engaged by Dr Helatha. Eventually, a panel conversation did by Mrs Sridevi srikanth, Mrs Prachiand, Mrs Deepti Chumakurthy on the topic of women perspective to balance her life. Finally the workshop ended with valedictory function. To solve any problem in the community, we need a particular technical solution to solve the problem on the theme of it IEEE WIE AG organized the women in Entrepreneurship and Career opportunities.



Inauguration Photo of Workshop

## Entrepreneurship Talk

IEEE VNR Student Branch in collaboration with IEEE Hyderabad Section WIE AG/YP/CS organized a talk on —Entrepreneurship and CASS, SPS Inaugural on 17th Feb 2020. The talk was delivered by J Vamsi Krishna, Chair, YP AG, IEEE Hyderabad Section. He gave various insights about Entrepreneurship and also inspired the audience with his journey. After that, the chairman of IEEE VNR SB Mr.D S Chakravarthy spoke about benefits and volunteering resources of IEEE. Mr. Vamsi appreciated the winners of REM scholars and also inaugurated IEEE CASS and SPS student chapter at VNR VJIT SB. Finally, Dr Y Padma Sai Chair, WIE AG, IEEE Hyderabad Section proposed the vote of thanks.



Presenting the token of gratitude to speaker



## **SPARKLE 2020 (Skill Development for Young Minds)**

IEEE Hyderabad Section Women in Engineering AG in collaboration with IEEE VCE SB organized a two- day program for government high school children where in the students were taught skills to improve their computer literacy and communication. The students were briefed about the importance of computer in day to day activities and learnt few essential thing like how to create a power point presentation, uses of Microsoft excel. All the students had hands-on experience and were very much satisfied with the program. The program also focused on creating awareness on Cyber Crime and Security for the young children. The volunteers explained the usage possibilities of personal data in an inappropriate manner. Over 80 participants were benefitted with the session.



Group Photo with Participants

## **All Hyderabad Women in Engineering Student Congress (AHWIESC)**

A 3-day technical event was organized by IEEE WIE AG, Hyderabad Section in collaboration with Geethanjali College of Engineering titled AHWIESC ( All Hyderabad Women In Engineering Student Congress) held from 5-7 March 2020 in CSE Seminar Hall. This was one of the first of its kind in the history of the IEEE Hyderabad Section. The objective was to spread the benefits of WIE membership and to eradicate the technological challenges that are being faced by women in the community. The keynote address was delivered by Susan Kathy Land, IEEE President-Elect. On the first day, Mr MGPL Narayana and Mr Ali Mustafa had explained the about IEEE Collabtratec and its benefits. Mr Akella Raghavendra given a brief note on Google Map, Mr Lakshmi Narayana addressed the participants on Gender Sensitivity, inclusive and acquiescence issues. Dr. Varsha Mamidi conducted the two hands-on parallel workshops on Machine learning and IOT. The machine learning session was conducted by Ali Mustafa followed by the Ms. Jyothirmaye, Mr. Sandeep explained ML research approaches and IOT with real time examples.



The second day started with Mira vempati given a session on Leadership in industry. Mr. Santosh delivered a talk on self defense. Mr. Sourav discussed about quantum dot based circuit design. The third day had started off with the talk by Sravanthi Talluri. She gave a Lecture on The Math of Assertive Leadership. The next session was on Airborne systems design overview by Mrs. Nirmala Satish Kumar, Scientist F (Weapon Systems) ADA, Bangalore followed by an interactive session on Electrical Safety in Distribution Systems by Dr. P V Rajagopal, Chair, PES/IAS/PELS Joint Chapter, IEEE Hyderabad Section, India. The afternoon session began with the session by Mrs. Gouthami K, Electrical Design Engineer, Colloabero Technologies Pvt Ltd on Implementation of Industry 4.0 to plan smart factories. It was followed by a session with John Benedict (Young Professional) on Leadership in Life and IEEE. At the end, panel discussion on Women in Academia with 5 Eminent women leaders leading IEEE WIE AG Hyderabad Section and 5 active IEEE Volunteers. The panel discussion was followed by IEEE WIE AG SB Chapter Exhibition which provided a platform for Chapter to project their activities. The congress successfully ended with the valedictory with closing remarks was made by Dr. Y. Padma Sai, Chair WIE AG IEEE Hyderabad section, Dr. G.Srilakshmi immediate past chair, WIE AG IEEE Hyderabad Section, Dr. S. Udaya Kumar Principal, GCET.

## International Women"s Day Celebrations

IEEE WIE AG celebrated the 2020 International women's day at four different colleges: At GRIET on 7th March 2020 The women's day program was began with video about gender equality and sexual harassment. Prof Dr J Gyati Shilakari Asthana had explained about opportunities and challenges in women's life. Dr J Praveen had appreciated the women faculty of the college. He congratulated them for their valuable contributions to the society. M. G. Sekharam recollected the history and thanked those people who fought against child marriages and dowry system. The event ended with an inspirational story by

Smt. P. Rashmi Praveen about her success and failures. Finally, the vote of thanks conveyed by the WDC Convener of the program



**Group Photo of Speakers and Organizers**

At Vardhaman college of Engineering on 10th March 2020 on the topic on —I'm Generation Equality: Realizing Women's Rightll. Dr K. Mallikharjuna Babu was the speaker of the event and motivated the attendees with his personal story. He also explained about his mother's contributions in his life. Dr. S Sai Satyanarayana Reddy boosted the girls to be more focused towards their career. Healthy lifestyle was explained by Mrs Abhimanika. Around 70 female faculty and 76 girl students were attended the event from the different colleges.



**Photograph of the invited guests on the dias**

At VNRVJIET on 12th March 2020. Dr. Y. Padma Sai, Chair WIE AG IEEE Hyderabad section & HOD, ECE department started the event by welcoming the participants. Ms.Vishala Reddy Vuyyala graced the occasion as the chief guest and Mr. Vignan Joseph the cofounder and CEO of Life of Girl was invited as Guest of Honor. They energized the participants by sharing their experiences and



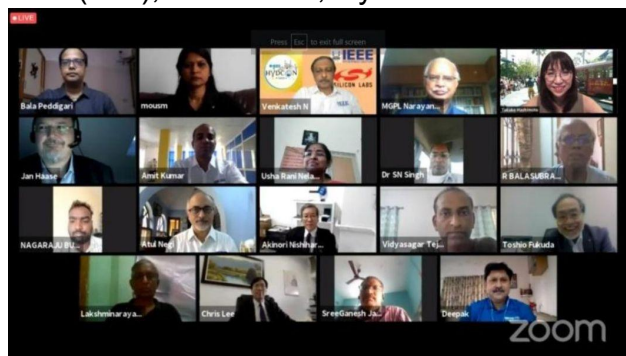
motivated them to accomplish enormous positions in their life. A representative Ms. Monika, Voice for girls spoke about their organization followed by cultural activities.

At CVR College of Engineering on 13th March 2020. Two eminent speakers Er. T. Sirisha, Scientist G, RCI and Ms. Prasanna Reddy, Lawyer were invited to grace the occasion. They delivered sessions on research and funding opportunities for womens offered by state of Telangana and central government of India. Ms. Prasanna discussed on womens' rights, social equality and opportunities in Law firms. Ms. Sujana Cherabuddi, Honrable Secretary, CVR College of engineering motivated the female faculty with her experiences. An essay writing competition was conducted on the topic of "SOCIAL MEDIA- Pros and Cons and its impact on society". Three winners were selected and they were awarded with prizes during this celebration. Around 100 female participants were benefitted from this event.

## Women in Engineering Activities

IEEE WIE Affinity group, Hyderabad section conducted variety of seven online events related to professional and technical to provide insights to new members and to encourage the existing members. In collaboration with other chapters and student branches like VNR VJIT SB, Vardhaman College of Engineering SB, IEEE PES Hyderabad Section, YP AG organized essay writing, WiE in Power Energy Industry, Career-oriented workshops,webinars by eminent speakers. A webinar was conducted on “ Career Prospects for Engineers in Core Industry” by G Dharmendra Nayak, MMRFIC technology Private Ltd, Bangalore on 25 July 2020. He explained a comprehensive way of opportunities towards Industry and development in technology. Over 81 participants were benefitted with his talk Emi Yano, R10 WIE Chair 2019-20, Ricoh Solutions, Takako Hashimoto, Secretary IEEE R10, Nita K Patel, Senior Director for Engineering, L3 Harris Technologies

A panel discussion was jointly organized by IEEE PES and WIE AG to inspire everyone particularly women on 25th July 2020. Over 70 attendees were benefited. Mrs. D. Nagalatchoumy Reddy, General Manager (Projects) Plant & Systems TATA Projects, Hyderabad, Ms. Pratiema Shome, Superintending Engineer (Assessments) TSPDCL Hyderabad, Ms. Radha Vangipurapu, Managing Partner M/s Nutrisnax Industries (A Start Up), (Brand Name of Product “Mego” ) Industria; development area (IDA), Nacharam, Hyderabad were few speakers out of many.



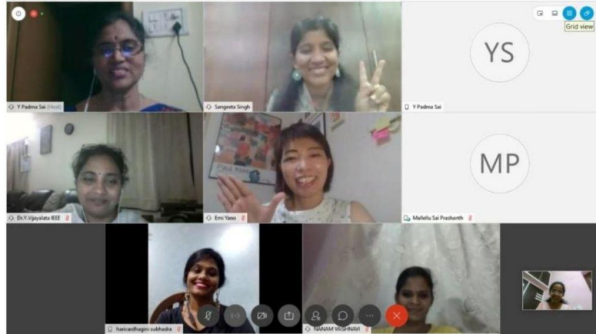
Inauguration with IEEE President, Prof. Toshio Fukuda



WiE session during SIT



A webinar was organized on Change the world-To Be a Change maker on 1 August 2020 by Ms. Emi Yano, R10 WIE Chair 2019-20, Ricoh Solutions. Over 60 participants attended the event. She has been a very active volunteer leader in IEEE since 2008. She was the Chair of IEEE Japan Council Women in Engineering from 2016 to 2017. She explained about her journey in IEEE and the importance of communication in our life. She interacted with every students and addressed all the queries raise by them about IEEE. She enlightened the effective leadership and organizational development in the HR department.



● **Women in Engineering – (59 Activities)**

<b>Event Title</b>	<b>Event Date</b>	<b>Event Category</b>
Special WIE session at AHCSSC'20 : Hyderabad Section Affinity Group, WIE	1/3/2020 22:58	Professional
Women in Entrepreneurship & Career Opportunities : Hyderabad Section Affinity Group, WIE	1/21/2020 9:00	Professional
Women in Entrepreneurship & Career Opportunities : Hyderabad Section Affinity Group, WIE	1/21/2020 10:00	Professional
Challenges for Professional Women: Work - Life Balance : Hyderabad Section Affinity Group, WIE	2/7/2020 8:30	Professional
WIE administrative meeting : Hyderabad Section Affinity Group, WIE	2/7/2020 13:20	Administrative
SPARKLE 2020 (Skill Development for Young Minds) : Hyderabad Section Affinity Group, WIE	2/25/2020 9:00	Humanitarian
Inauguration of IEEE WIE chapter at Balaji Institute of Technology & Science, Warangal : Hyderabad Section Affinity Group, WIE	2/26/2020 10:00	Technical
1st All Hyderabad Section Women in Engineering Section Student Congress(AHWIESC) : Hyderabad Section Affinity Group, WIE	3/5/2020 9:30	Technical
WIE administrative meeting : Hyderabad Section Affinity Group, WIE	3/7/2020 13:20	Administrative
International Women's Day Celebrations 2020 : Hyderabad Section Affinity Group, WIE	3/7/2020 13:30	Humanitarian
International Women's Day Celebrations : Hyderabad Section Affinity Group, WIE	3/10/2020 9:00	Humanitarian
International Women's Day Celebrations : Hyderabad Section Affinity Group, WIE	3/10/2020 14:00	Humanitarian
International Women's day celebrations : Hyderabad Section Affinity Group, WIE	3/13/2020 14:00	Humanitarian
Need of the hour- wake up and Find solutions ( Save People and Save Country) : Hyderabad Section Affinity Group, WIE	4/12/2020 17:00	Humanitarian
Webinar on Robotic process Automation : Hyderabad Section Affinity Group, WIE	4/16/2020 17:00	Technical
Online tools training : Hyderabad Section Affinity Group, WIE	4/19/2020 15:00	Technical
Panel discussion on Work from home and it's challenges : Hyderabad Section Affinity Group, WIE	4/25/2020 17:00	Humanitarian
A Panel Discussion on Lock down Period- Work life Balance : Hyderabad Section Affinity Group, WIE	5/2/2020 17:00	Technical
WEBINAR: DIVERSITY AS A DRIVER OF INNOVATION & ENTERPRISE SUCCESS : Hyderabad Section Affinity Group, WIE	5/5/2020 18:00	Technical
Psychologicals problems and remedies : Hyderabad Section Affinity Group, WIE	5/16/2020 17:00	Humanitarian
Recognizing and coping with mental health challenges: An overview : Hyderabad Section Affinity Group, WIE	5/16/2020 17:00	Humanitarian
DEFEATED BUT NOT FAILED: REACH YOUR DESTINY : Hyderabad Section Affinity Group, WIE	5/18/2020 11:00	Professional

DEFEATED BUT NOT FAILEDâ€: REACH YOUR DESTINY : Hyderabad Section Affinity Group, WIE	5/18/2020 11:00	Professional
"WIE Icon a panel discussion on Women in Engineering" : Hyderabad Section Affinity Group, WIE	5/23/2020 18:00	Professional
Inaugural of WIE AG followed by a talk on Benefits of Women in Engineering Affinity Group : Hyderabad Section Affinity Group, WIE	5/28/2020 10:00	Professional
WIE administrative meeting : Hyderabad Section Affinity Group, WIE	5/31/2020 17:00	Administrative
ESSAY WRITING COMPETITION : Hyderabad Section Affinity Group, WIE	6/23/2020 10:00	Humanitarian
Teamwork and Life Skills for a Successful Career : Hyderabad Section Affinity Group, WIE	6/27/2020 11:30	Professional
A webinar on " Career Prospects for Engineers in Core Industry" : Hyderabad Section Affinity Group, WIE	7/25/2020 11:30	Professional
WIE-AG in association with PES-Jt.Chapter organising A Panel Discussion on Women in Engineering in Power, Energy & Industry Sectors in Indiaâ€Opportunities & Challengesâ€/ on 26-July-2020/ Sunday/ From:5.30 PM to 7.30 PM (IST) : Hyderabad Section Affinity Group, WIE	7/26/2020 17:30	Technical
"Change the world-To Be a Change maker " : Hyderabad Section Affinity Group, WIE	8/1/2020 18:00	Humanitarian
Research and Innovation on Emerging Technologies to Support Sustainable Development Goals : Hyderabad Section Affinity Group, WIE	8/24/2020 16:00	Professional
Panel Discussion on WIE Panel discussion on SHE LEADS on 19th September 2020 at 11:00 Am - 12:30 PM : Hyderabad Section Affinity Group, WIE	9/19/2020 11:00	Professional
All Hyderabad Computer Society and Women in Engineering Virtual Congress : Hyderabad Section Affinity Group, WIE	10/6/2020 9:00	Professional
Awareness on Digital Privacy Laws, Forensics and Opportunities : Hyderabad Section Affinity Group, WIE	10/10/2020 14:00	Humanitarian
IEEE WIE AG Administrative Meeting : Hyderabad Section Affinity Group, WIE	11/23/2020 9:45	Administrative
IEEE WIE AG in association with IEEE-Hyderabad Section a Virtual Event /Third Flagship event Lalitha Memorial Lecture (LML) on Women Engineers in Leadership Roles on 29th November, 2020 from 5.00 PM to 7.00 PM (IST) : Hyderabad Section Affinity Group, WIE	11/29/2020 17:00	Professional
Walk the Talk : Hyderabad Section Affinity Group, WIE	12/22/2020 9:00	Professional
Walk the Talk : Hyderabad Section Affinity Group, WIE	12/22/2020 9:00	Professional