

IEEE Hyderabad Section Events Women in Engineering

Women in Robotics -- Phase I & Phase II

IEEE WIE Affinity Group, Hyderabad Section In Collaboration With IEEE WIE MJCET Presented Workshop On “Design of Voice Controlled Robotic Arm” Sponsored Under IEEE Asia Pacific(R10) WIE Visibility Enhancement Through Events Program(VEEP)

This event got overwhelming response from the students and participants. With low budget we can able to reach many high school students to inculcate STEM in their young minds. Also all the Engineering girl student participants had enjoyed the event while designing the “Voice Controlled Robotic Arm”. This leded us to organize many such events in future.



Phase I of Women in Robotics



Phase II of Women in Robotics

Leadership Opportunities for Professional Women at Vijayawada



mission of WIE AG, “Connect Support Inspire”.
This unique workshop

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 27th & 28th 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 has taken place to match the vision and

- Had featured some exemplars and achievers from different walks of life to share their Vision, Mission, and Journey to success and life lessons on Leadership!
- Opened up opportunities for women to pick-up courage, overcome hurdles and build leadership skills to excel.

The first day speakers are Ms. Vanitha Datla, Vice Chairperson, Elico Ltd., spoken on “Beat the c-suite blues”, Dr. V. Nagalakshmi, Joint MD, IMIS, Pharma, spoken on “Ski jump the gender barrier”, Ms. A. R. Anuradha, IPS, spoken on “Women Rights”, Ms. D. Aparna, spoken on “Realize your dreams”, and Dr. D. Ramakrishna, MD, Efftronics spoken on “Global women development”. The second day speakers are Ms. Atreyi Choudhari, Nomura Research Institute, spoken on “Journey into future- tools to stay tuned”, Ms. Chandini Chandana, CEO, AVERA Electric Vehicles, spoken on “start-ups challenges for women”, Mr. S. Bhavani Shankar, spoken on “Goal setting game”, Mr. D. Ramakrishna, MD, Efftronics, chair IEEE Guntur-subsection spoken on “Ideate, create, deliver- the success mantra”, Dr. G. Sree Lakshmi chair, WIE Hyd. Section and Dr. S. L. N. Lalitha, vice-chair, IEEE Guntur sub-section spoken on “Building cradles of leadership at University level”. Over 120 participants attended this event from academia and industry and the event got excellent feedback. Good numbers of speakers are drafted for this event to motivate every woman and spread that to many more women to build a sustainable global world. This event created an opportunity for every woman to excel in her roles and also getting awareness about the importance of WIE and the benefits and events organised by WIE. Mr. Ramakrishna, Chair, Guntur sub-section, Dr. Lalitha Madam and the Efftronics team played a key role in organizing this event.

Leadership Challenges for Professional Women at Tirupathi



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 get empowered themselves, in order to fearlessly break the barriers. This charge makes them to “Transform their world & Transform their life”. “Be the Change, Be the Success”.* It’s a great opportunity for every woman to overcome hurdles and to build leadership skills in order to excel in her roles. This event has attracted members towards research activities, self-reliant and independently empowered.

The event started with inaugural, Dr. D. M. Mamatha, Registrar, SPMVV, Tirupathi, addressed the gathering regarding “Women in science and global development”, Dr. Kalpalatha Reddy, Principal SVEW, Dr. N. Sudhakar Reddy, Principal, SVCE also addressed the gathering in the inaugural session.

The first day speakers are Ms. Geeta Goti, Women Independent Director, National Small Industries LTD. Spoken on “Future skills for women leaders”, Dr. P. Vijayalakshmi, Gynaecologist, spoken on “Women from Infancy to Menopause”, K. Shyamala, DALLM, Advocate, spoken on “Legal Issues for Women”, Dr. Sadhana, Ophthalmologist, Dermatology, spoken on “Opportunities and Challenges”, Dr. S. A. Thasleem, Director of Abhaya kshetram, spoken on “Special women and challenges”, Ms. Sasi Bindhu, spoken on “Entrepreneurship: Opportunities and challenges for women”, Dr. G. Sree Lakshmi, Chair WIE, spoken on “Balancing research and job for working women”.

The second day speakers are Mini Chhabra, Deputy General Manager - Human Resource, BHEL Electronics Division, Bangalore, spoken on “Understanding Your Blocks to Excellence”, Suja Warriar, Corporate sustainability, Reporting and Governance, Infosys Limited, spoken on “Social Leadership”, Mr. Madhav Negi Associate Director solutions, DXC technology spoken on “Habits of successful professionals/IEEE membership benefits”, Dr. Madhavi, Professor, Principal, SVIMS Tirupathi, spoken on “Women and power, overcoming barriers to leadership and influences”, Dr. Latha Christie spoken on “Women leaders: The change makers”, Dr. R Suguna, Dean Academics, Vel Tech, Chennai, spoken on “Changing role of women’s in society”, Sudarshan Chakrapani, Vice President, Head of the Brand and Customer Experience management, spoken on “So, you want to change the world? Great! Get ready NOW”, and Dr. Madhavi, IEEE Anathapuram Sub-section, spoken on “Research Funding options for Women Researchers”.

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.

Research & Start-up Opportunities for Professional Women at 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 Hyderabad 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. The management of Vaagdevi College, Principal and Mr. Nagaraju helped in coordinating this event at Warangal.

Leadership Challenges for Professional Women at 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, spoken on Leadership qualities for Women, Mrs. Deepthi Ravula, CEO of WE HUB has spoken of 10 rules for successful women, Mrs. Vijayasree Orugnati has spoken on Change Management, Dr. Lakshmi Narayana Sadasivuni has spoken on Female Managers- Role in Economic Development”, Mrs. Minni Chhabra spoken on Improving your emotional intelligence and Dr. Latha Christie spoken on “Women Leaders: The change Makers”. Over 50 professionals participated for the event and got motivated by the eminent inspiring speakers.

First Flagship Lalitha Memorial Lecture (LML)



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 is a first flagship event of WIE AG, IEEE

Hyderabad Section. The vision of initiation of this lecture is "minimizing the gender gap and assist 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 work force and to inculcate a "career identity" in strong young brains, which makes them to 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"

Abstract: "New Horizons"

Certain qualities of dynamic women such as the illustrious Smt. A. Lalitha enable them to be path breakers. How these qualities can be nurtured and developed to enable professionals, especially women, to expand their horizons and realize their full potential is the major topic of the talk. The current status of Science, Technology, Engineering and Mathematics (STEM) in India, the education aspects, and the challenges in STEM based jobs, especially for women are discussed. The talk also focuses on the new horizons which are opening up and the opportunities for the women professional.

This LML is aimed to attain the below objectives

1. To encourage more young women to enter the STEM fields for profession and to continue their careers.
2. To encourage participation of women in our country in all aspects of the scientific fields including education, teaching, research, leadership, employment and decision-making.
3. To promote the recognition of the scientific and technological achievements of women scientist and technologist in our country,
4. To increase the access of women to the socio-economic benefits of science and technology.
5. To promote collaboration and communication among women scientist and technologist with international scientific community.
6. To increase understanding of the role of science and technology in supporting Women's development activities

InCAP2018 Women in Engineering Special Session



The first InCAP was held in Hyderabad on December 16-19, 2018 at the Hyderabad International Convention Center (HICC) that is conveniently connected to the Novotel Hotel. InCAP2018 recognized contributions of prominent WiE in India and provided a platform for attendees to learn upcoming technologies, innovations and getting connected and network with the people belonging to their own domain. InCAP2018 has celebrated the vibrant & diverse community of women scientists and engineers. This session included invited talks from 9 women from academia and industry, who shared their research experiences and contributions. **It was opened for both women and men.**

Dr. G. Sree Lakshmi, Professor EEE Department, CVRCE, Hyderabad, Chair Women in Engineering Affinity Group, IEEE Hyderabad Section, glad to be a part of organizing committee of InCAP2018 Women in Engineering (WiE) special session on 18-12-2018. The WiE session got fabulous response from audiences; a good number of talks took place from various women scientist in the area of Antennas and Propagation. 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.

List of speakers included Dr. Chandrika Sudhendra Scientist G, Group Director, ADE, Bangalore, Dr. Beenamole K.S. Scientist F, DRDO-LRDE, Bangalore, Dr. Balamati Choudhury Scientist, Centre for Electromagnetics, CSIR-NAL, Bangalore, Dr. Soni Singh, DST SERB Post-Doctoral Fellow, Department of Electronics and Communication Engineering, Indian Institute of Technology Roorkee, Dr. Jigyasa Sharma, UGC Post-Doctoral Fellow, ECE Department, Delhi Technological University, Delhi Dr. Latha Christie Scientist 'G', DRDO, Jalahalli, Bangalore - 560013, Dr. Runa Kumari Assistant Professor, EEE, BITS-Pilani, Hyderabad Campus, Dr. Naina Narang Assistant Professor, School of Computing and IT, Manipal University, Jaipur and Ms. Vinisha C.V, Ph.D. student, Department of Electronics, Cochin University of Science & Technology, Kochi (IEEE Student member).

At the end of the talks, the organizers coordinated a panel discussion with all the speakers about their views on WiE and taken the questions from the attendees.

Report by: G. Sree Lakshmi, Chair WIE AG, IEEE Hyderabad Section