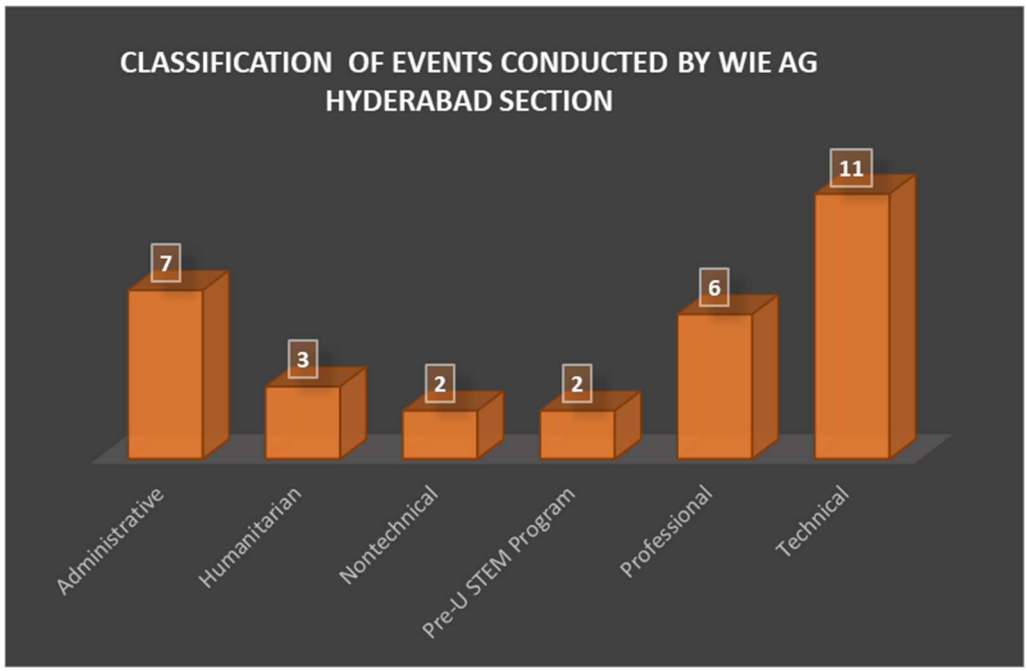
REPORT OF THE EVENTS CONDUCTED BY WOMEN IN ENGINEERING, WIE HYDERABAD SECTION

2023

Total Number of events : 31


CLASSIFICATION OF EVENTS CONDUCTED BY WIE AG HYDERABAD SECTION
7
3
2
2
6
11
Administrative
Humanitarian
Nontechnical
Pre-U STEM Program
Professional
Technical

Event #1

Event Name: **1st ADMINISTRATIVE MEETING OF IEEE HYDERABAD SECTION WIE AG**

Date: **24 Jan 2023**

No. of Attendees: 7

1st administrative meeting for IEEE WIE AG, IEEE Hyderabad Section was organized on 23rd Jan 2023 at 8 PM. The members of the Affinity Group met online to discuss plan of action for upcoming events. The members discussed about organizing a talk on "Metaverse" at HCL Technologies on 1st Feb 2023. In addition, roles and responsibilities of members were decided for smooth conduction of the events under WIE AG.

Event #2

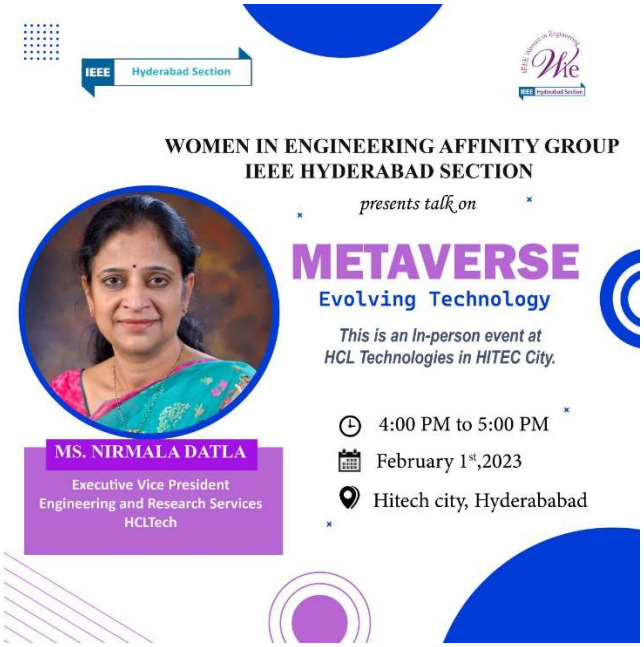
Event Name: **TALK ON "METAVERSE – EVOLVING TECHNOLOGY"**

Date: **25 Nov 2021 08:00 AM to 27 Nov 2021**

Speaker: **Ms. Nirmala Datla**, Executive Vice President, Engineering and Research Services, HCLTech, Hyderabad

No. of Attendees: 50

A hybrid event was organized focusing on the trending topic “METAVERSE”. Metaverse is changing the core fabric of the socio-economic-technological layer. Metaverse is an immersive medium that works on new technologies that provide immersive visualization. Career and job opportunities were discussed. There was a good networking and interaction post talk.



Event #3

Event Name: **IEEE VNRVJIET SB, SPS & WIE ARE ORGANISING WELLNESS PROGRAM ON THE EVE OF WOMEN'S DAY ON 8TH MARCH, 2023 IN ASSOCIATION WITH SPS & WIE AG IEEE HYDERABAD SECTION**

Date: **8th March, 2023**

No. of Attendees: 27

Speakers: **Dr Mallik Singaraju, MD FAGE PDCR, Ms. Vajinder Kaur Samra, Dr. Vijaya Lakshmi Biradar**

The following were lighting talks by the experts

Cancer Awareness Talk by Dr Mallik Singaraju, MD FAGE PDCR from

Healthy Diet and Nutrition by Ms. Vajinder Kaur Samra, Nutritional Advisor

Ergonomics at Work place talk by Dr. Vijaya Lakshmi Biradar

Event #4

Event Name: **Women in Robotics Research**

Date: **8th March, 2023**

No. of Attendees: 60

IEEE RAS Hyderabad Section invites you to Join us to celebrate International Women's Day with two young women PhD researchers in the field of robotics. Each researcher will give a 15-minute talk on their ground-breaking research, followed by a 10-minute discussion on career opportunities and motivation. Their talks will provide insights into their cutting-edge research and the latest developments in the field of robotics. In addition, they will discuss career opportunities in robotics and share their experiences and insights on how to pursue a successful career in this field.

This event is open to anyone who is interested in robotics and wants to learn more about this fascinating field but is specifically designed to motivate and inspire women engineering students. Don't miss this opportunity to be inspired by the stories of two talented young women who are making a significant impact in the world of robotics. We are confident that you will leave this event feeling empowered and motivated to pursue your dreams and make a difference in the world.

Event # 5

Event Name: **WOMEN IN SUSTAINABILITY AND LEADERSHIP**

Date: **12 Mar 2023, 12:00 PM to 03:00 PM**

No. of Attendees: 54

Talks by the following members:

1. **Sucheta Acharya,** Co-founder Soukhyaa Enterprises, Co-founder Morandi International Pte Ltd
2. **Pramitha Ramaprakash,** Founder & CEO at Transcend Satellite Technology. AVP-Satellite Systems, XDLINX Labs Pvt Ltd. 75 Students Satellite Mission
3. **Shubhangi Ghosh,** SustainableIndia.Org/ Co-Founder
4. **Priyankana Mukherjee,** Grant Making, Startup Grants Management, Laboratory design& Management, Fundraising, CSR, Start-up funding Advisor
5. **Kavita Saxena,** Entrepreneurship Expert and Startup Mentor, EDII, Ahmedabad
6. **Pushpalatha M S,** Founder & CEO Stratist Pvt Ltd, Co-Founder & Director- Operations GarbhaGudi Group of Companies, Advisor, Iron Lady Community

Panelists:

1. **Monica Nagpal,** Founder of Hope and Happiness
2. **Sucheta Acharya,** Co-founder Soukhyaa Enterprises, Co-founder Morandi International Pte Ltd
3. **Kaumudi Nagaraju,** Founder & Executive Director, Learning Space Foundation
4. **Y Vijayalata**, Treasurer, India Council, Principal, KGREC, Hyderabad
5. **G Uma Devi,** NRSC, Shadnagar
6. **Syeda Sameen Fatima,** Former Principal College of Engineering (A) Osmania University.

Moderator:

S.Harivardhagini, Prof and Head, EIE Dept. CVR College of Engineering

Event #6

Event Name: 1st IEEE WIE EXCOM Meeting

Date: 19th July, 2023

No. of Attendees: 07

Agenda of the Meeting:

- Introduction and welcome
- Plan of events for 2023
- Dissemination of roles and responsibilities
- Budget requirement
- Collaboration
- Any other matter with the permission of the Chair

S.No	Discussion Points [Action Points, Reports, Comments]
1	All Members were welcomed by the chair and they introduced themselves as per IEEE Hyderabad Section Slate 2023.
2.	Events were tentatively planned for the year 2023 which are given below
3.	All the members are encouraged to celebrate IEEE WIE Day this month in their respective SB
4.	Proposed to conduct Zonal Congress to collaborate with other SAC in Guntur, Warangal and Anathapur.
5.	IEEE WIE Hyderabad Section is planning to conduct WIE Zonal Congress at Vardhaman College of Engineering in the month of September.
6.	IEEE WIE LML Flagship event (Lalitha Memorial Lecture) is planned in the month of November 2023 tentatively.
7.	One event to be conducted every month in collaboration with other Chapters and Societies
8.	Planned to form a group of student volunteers from different colleges for volunteering activities.

9.	IEEE Women in Engineering AG Hyderabad Section in association with IEEE WIE AG GCET SB is conducting an event titled WIE- Catalysts meet up with the theme " Shape the world", on the occasion of IEEE WIE Day 2023 with Panel Discussions, Expert Talks, Networking and Testimonials at Geetanjali College of Engineering, Keesara on 26th July 2023.
10.	IEEE WIE HYD Section in association with MTT/AP/EMC Joint Chapters conducting IEEE Women in Engineering Day Celebrations on "Role of Engineers in reversing Climate Change and Fostering Green Energy" with Expert talk and Panel Discussion on 30th July 2023 through Online mode.
11.	Members are motivated to register for IEEE WIE ILS 2023 conducted at Raipur, Chhattisgarh on 25th and 26th August 2023.
12.	Dr. Sridevi will coordinate the events and upload the files in WIE folder
13.	Dr Sofia Priyadarshini, Secretary is assigned to update the events in Vtools regularly.
14	Ms Chandrika and Dr Siva Priyanka are assigned to verify the content writing and Newsletter regularly for the events.
15.	Dr Harshavardhini is assigned to plan for Tentative budget plan for conducting the events.
16.	All other members were asked to offer support as and when needed

Event #7

Event Name: Wie-Catalysts meet up

Date: **26th July, 2023**

No. of Attendees: 248

WIE IEEE Hyderabad section in association with Geethanjali College of Engineering and Technology under IEEE WIE AG GCET SB celebrated WIE day and International Women in Engineering day 2023 on 26th July, 2023 at Geethanjali College of Engineering and Technology. This programme is organized to catalyze & empower girls and women in STEM fields

Event #8

Event Name: RENEWABLE ENERGY AND SOCIETY

Date: **26th July, 2023**

No. of Attendees: 50

IEEE Women In Engineering AG Hyderabad Section In Association with IEEE GRIET SB WIE AG presents RENEWABLE ENERGY AND SOCIETY

Speaker:

Dr. Sulekha

Transportation Electrification and Air Quality Expert Full bright Specialist IEEE Senior Member

Event #9

Event Name: Role of Engineers in Reversing Climate Change and in Fostering Green Energy

Date: **30th July, 2023**

No. of Attendees: 82

IEEE WIE HYD Section in association with MTT-S/AP-S/EMC-S organized IEEE Women in Engg Day Celebrations. This event features Panel Discussions and Expert talks.

Topic: **Panel Discussion on "Role of Engineers in Reversing Climate Change"**

PANELLISTS:

1. **Dr. Celia Shahnaz**, SMIEEE, Fellow IEB, Chair, IEEE Women in Engineering (WIE) Committee 2023-24, Professor, Dept. of EEE, BUET

2. **Dr. Bijuna Kunju**, Chair, IEEE-WIE, Kerala Section, Professor, EEE, TKMCE, Kollam

3. **Ms. Usha P. Verma**, Associate Director, ASL DRDO Hyderabad

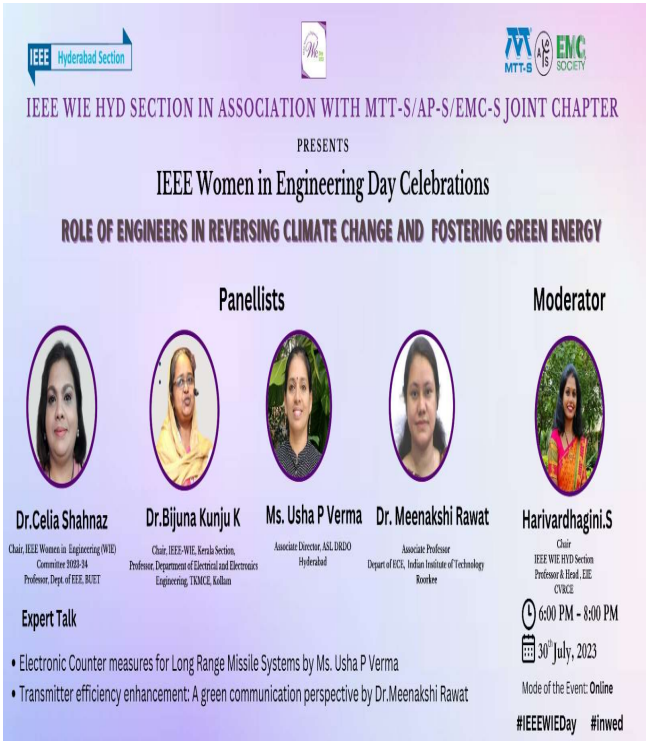
4. **Dr. Meenakshi Rawat**, Associate Professor, ECE, IIT- ROORKEE

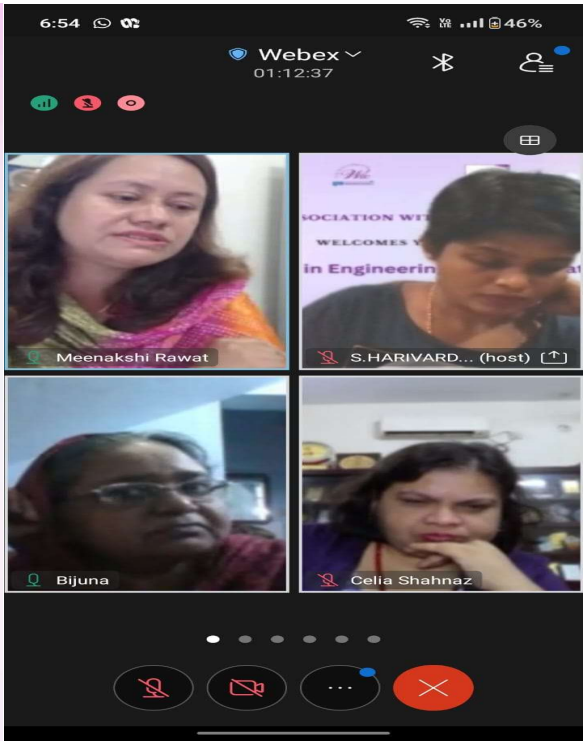
MODERATOR:

Dr. S. Harivardhagini, Chair, IEEE-WIE, Hyderabad Section, Professor and Head, EIE, CVR College of Engineering, Ibrahimpatnam.

Expert Talks:

1. Talk by Ms. Usha P. Verma "Electronic Countermeasures for Long Range Missile Systems"
2. Talk by Dr. Meenakshi Rawat "Transmitter efficiency enhancement: A green communication perspective"





Event #10

Event Name: **Second Meeting of IEEE WIE EXCOM 2023, Hyderabad Section**

Date: 16th August, 2023

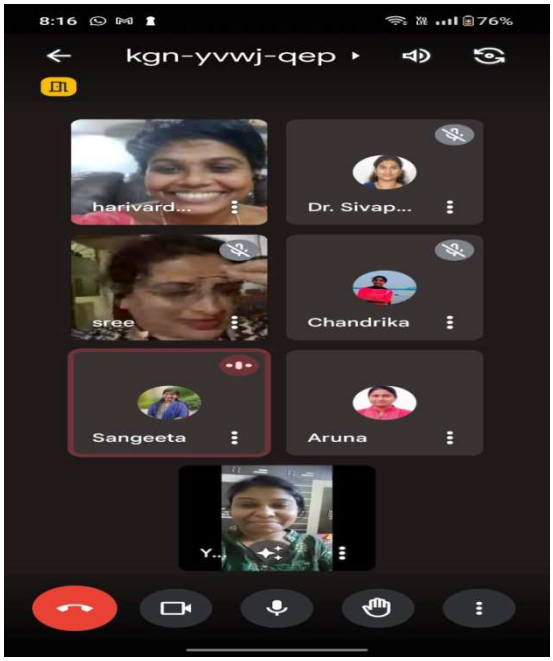
No. of Attendees: 08

Meeting Minutes:

The meeting started at 7:30 PM through Online Mode.

S.No	Discussion Points [Action Points, Reports, Comments]
1.	A brief opening note on the two upcoming events : Emerging Trends in AI/ML for Health Care Applications to be held on 17 th August,2023 at CBIT and Nurturing Strength within Talk to be held on 19 th August, 2023 at RGMCET and the required data to upload on Vtools is announced by the chair Dr.Harivardhagini S
2.	It was announced that WIE AG Hyd. Section Congress is scheduled on 22nd Sep., 2023 at Vardhaman Engineering College Hyderabad. Dr.Sangeeta Singh will be coordinating this event from the host institution.
3.	The committee discussed and brainstormed potential themes for the upcoming WIE AG Congress. Members were asked to share their ideas and suggestions for themes that align with the goals and objectives of the IEEE WIE. A decision on the final theme will be made in the upcoming meetings.
4.	It was agreed that a budget of Rs.30,000 will be requested from the Hyderabad section for the WIE AG Congress. Dr. Harshavardhini was tasked with preparing a comprehensive budget proposal for the congress, taking into consideration all potential expenses and revenue sources.
5.	The committee emphasized the importance of seeking sponsorship from other institutions and organizations to supplement the congress budget. Strategies for approaching potential sponsors and forming partnerships were discussed. Members were encouraged to leverage their networks to secure sponsorships.
6.	The idea of organizing competitions during the congress was well-received. It was highlighted that these competitions should be open to all attendees and not limited by gender. Additionally, a panel discussion was proposed as a way to engage participants in meaningful discussions on relevant topics.
7.	The committee decided on a nominal registration fee structure for attendees. IEEE student participants would be charged Rs200, while non-IEEE students would pay Rs 400. This fee structure aims to encourage IEEE participation while also accommodating non-IEEE attendees.
8.	Members discussed the possibility of collaborating with other IEEE societies and chapters to meet the budget requirements for the congress. Collaborative efforts could involve sharing resources, co-hosting sessions, and pooling funds.

9.	The EXCOM treasurer was assigned the responsibility of preparing the congress budget. The treasurer would refer to previous budget plans from other EXCOM members to ensure accuracy and comprehensiveness in the budget proposal.
10.	It was decided that each EXCOM student branch would aim to register a minimum of 20-25 students for the WIE AG Congress. This would contribute to the overall success of the event and help achieve the attendance goals.
11	The meeting ended with thanks to the chair



Event #11

Event Name: **Emerging Trends in AI/ML for Healthcare Applications**

Date: **17th August, 2023**

No. of Attendees: 139

Speaker: Prof. T. Kishore Kumar of NIT WARANGAL

The seminar delved into the transformative impact of machine learning within the biomedical sector, specifically focusing on its applications in fields like cardiology, neurology, and pulmonology. The session emphasized a systematic approach, highlighting crucial stages in the process. Beginning with data preprocessing for accuracy, participants were encouraged to possess a multidisciplinary knowledge base encompassing statistics, biomedical sciences, and related fields. The significance of adeptly selecting and extracting features was underscored, as these lay the foundation for the model. The seminar also spotlighted pivotal phases like model training, rigorous validation, and meticulous testing to ensure robustness. Throughout, the discussion centered on the practical utilization of these techniques, particularly in domains such as text, speech, and facial recognition, culminating in their profound contributions to refined medical diagnostics and treatment strategies

Event #12

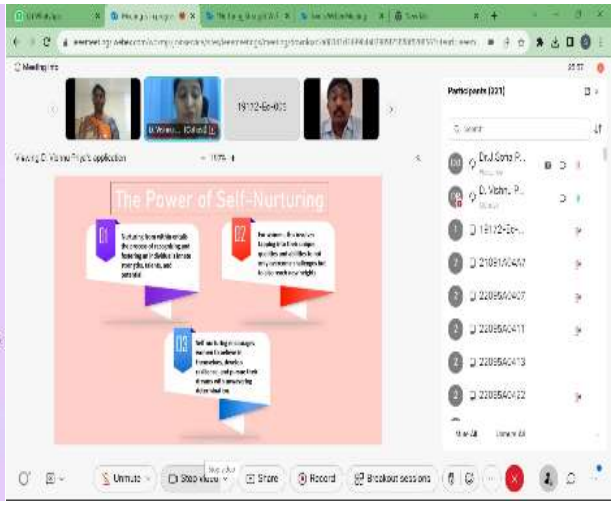
Event Name: **Nurturing Strength Within: A Talk to Empower Women & Girl students**

Date: **19th August, 2023**

No. of Attendees: 284

Speaker: **Dr. D. Vishnu Priya, M.B.B.S., MD**
Psychiatrist ,Santhiram Medical College, Nandyal

The event "Nurturing Strength Within: A Talk to Empower Women and Girl Students" was a transformative gathering aimed at empowering and inspiring women and girl students to harness their inner strength. Hosted by the IEEE Women in Engineering (WIE) Hyderabad Section in association with IEEE WIE AG RGMCET, the event provided a platform for participants to learn, engage, and reflect on topics that are crucial for personal growth and development.



Event #13

Event Name: **Guest Lecture on Electronics: Building blocks of Smart Cities**

Date: **8th September, 2023**

No. of Attendees: 72

Speaker : Ms . Anuradha Vattem, Lead Architect Smart city Labs., IIITH

This event was organised by IEEE GNITS Sensor Council , IEEE GNITS WIE AG , IEEE GNITS SB jointly with IEEE Sensor council & IEEE WiE AG Hyderabad Section. The speaker covered topics on Smart cities, its components, benefits, precautions and scope in campus. Smart city in urban areas harness the power of technology and data to improve the quality of life for their residents. These cities integrate a wide range of innovative solutions, including the Internet of Things (IoT), artificial intelligence, and sustainable practices to address the complex challenges of urbanization. They prioritize sustainability by promoting eco-friendly transportation, renewable energy sources, and green infrastructure, reducing their environmental footprint. Smart cities also revolutionize urban mobility with advanced transportation systems, reducing traffic congestion and emissions. Moreover, they enhance safety and security through cutting-edge surveillance and emergency response systems, making urban living safer. By providing efficient services, promoting digital inclusion, and fostering economic growth through technology and innovation, smart cities represent a promising vision for the future of urban development, offering solutions to the pressing issues of our increasingly urbanized world.

Event #14

Event Name: **Third Meeting of IEEE WIE EXCOM 2023, Hyderabad Section**

Date: 10th September, 2023

No. of Attendees: 05

Agenda of the Meeting:

- Introduction
- Upcoming Events
- WIE AG Hyderabad Section Congress
- IEEE Day
- IEEE WIE LML Flagship event
- Any other matter with the permission of the Chair

Discussion:

S.No	Discussion Points [Action Points, Reports, Comments]
1.	Detailed Schedule and planning of WIE AG Hyd. Section Congress to be conducted on 22nd Sep., 2023 at Vardhaman Engineering College Hyderabad.
2.	The speakers for WIE AG Hyd. Section Congress are finalized. Discussed to give wide publicity through social media etc.
3.	Planned to conduct IEEE day in the month of October 2023
4.	An event is planned in the month of November 2023 in collaboration with Robotics Automation Society.
5.	Discussed to apply application and get permission for IEEE WIE LML Flagship event (Lalitha Memorial Lecture) planned to be conducted in the month of November 2023.
6.	Discussed to conduct Zonal Congress to collaborate with other SAC in Guntur, Warangal and Anathapur.
	Informed all members to actively participate in IEEE activities,so that activities will be conducted smoothly.

7.	
8.	Members are motivated to register for RMC to be held at gurugram in the month of October.

The meeting ended with the chair proposing the vote of thanks to all members

Event #15

Event Name: **IEEE WIE CONGRESS HYDERABAD SECTION 2023 "IMPORTANCE OF STEM, SUSTAINABILITY & SOCIAL IMPACT"**

Date: **22nd September, 2023**

No. of Attendees: 275

The WIE AG congress IEEE Hyderabad Section is one of its kind where we are collaborating with various industry experts, mentors and academic professionals and providing a plethora of knowledge, opportunities, ideas, and training. This year the congress was conducted by collaboring with all the societies and chapters and thus aim to achieve the theme of **"IMPORTANCE OF STEM, SUSTAINABILITY and SOCIAL IMPACT".** This was an opportunity to be part of a global movement that celebrates diversity and inclusion in STEM fields. The congress comprised of keynote speeches, panel discussions, lightning talks, pre-conference events, competitions, coffee chats, and expert talks. This congress was organized at Vardhaman College of Engineering, Kacharam, Shamshabad and was Co-sponsored by IEEE Sensors Council Hyderabad Chapter, Hyderabad Section Reliability Society, Nanotechnology Council Hyderabad Section Chapter

WIE Congress 2023

Event #16

Event Name: **WIE Congress 2023 Pre-Congress Competition**

Date: **22nd September, 2023**

No. of Attendees: 30

S.NO	NAME OF THE EVENT	TRACK	NAME OF THE STUDENTS	NAME OF THE COLLEGE	POSITION
1.	**Poster Presentation**	**Emerging Nano Electronics**	Rahul Rao oruganti	SR University	FIRST PRIZE
			Samala Navaneeth		
			V Shashnak Chowdary	Rajeev Gandhi Memorial College ofEngineering and Technology	SECOND PRIZE
			P Sreekar Praneeth		
		Sensors for Sustainability .	Sreeja	Vardhaman College ofEngineering	FIRST PRIZE
2.	**Video Competition (SOLO)**	**Women in Sustainability**	B.Sarayu	University College of Engineering OsmaniaUniversity	FIRST PRIZE
			Saniya Gayas	G.Narayanamma Institute of Sciences &Technology	SECOND PRIZE

IEEE Hyderabad Section
IEEE Hyderabad Section WIE AG
presents
WIE CONGRESS 2023
PRE-CONGRESS with 2 competitions
POSTER PRESENTATION:
EMERGING NANO ELECTRONICS OR SENSORS FOR SUSTAINABILITY
30SEC VIDEO COMPETITION:
A MONOLOGUE IN ONE OF THE TWO TOPICS, WOMEN IN SUSTAINABILITY OR NANOROBOTICS
DEADLINE
20 SEPT 2023
EXITING PRIZES
Participantion Certificate to all
Registration to the event is mandatory
Open to both Boys and Girls
IEEE Sensors Council
IEEE Women in Sensors
IEEE Reliability Society
@ieeehyderabad

Event #17

Event Name: **Workshop on "How to leverage LinkedIn for Profile Upliftment?"**

Date: 3rd October, 2023

No. of Attendees: 54 (online)

The objectives of leveraging LinkedIn for profile upliftment can be summarized as follows:

Professional Branding: Enhance your personal brand by optimizing your LinkedIn profile to showcase your skills, accomplishments, and expertise.

Networking: Build a strong professional network by connecting with industry peers, mentors, and potential collaborators.

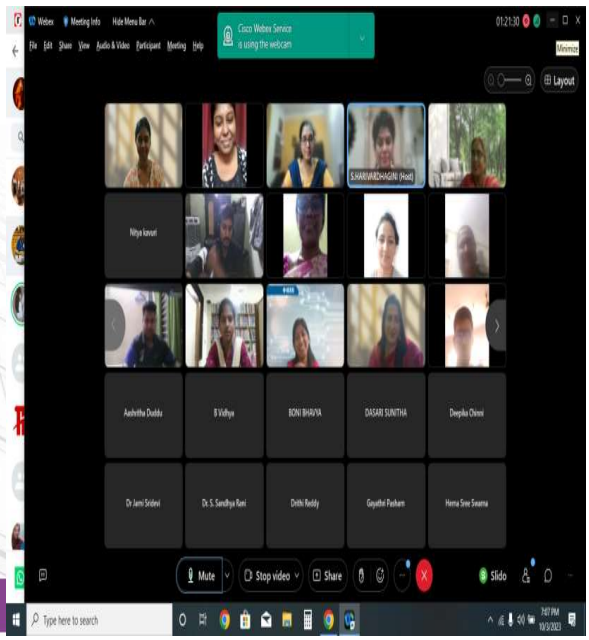
Job Opportunities: Explore career growth and job prospects by actively engaging in job searches, following relevant companies, and participating in discussions.

Knowledge Sharing: Share industry insights, articles, and updates to position yourself as a thought leader in your field.

Visibility: Increase your online visibility and credibility by consistently participating in meaningful conversations and contributing valuable content.

Skill Development: Use LinkedIn to access relevant courses, webinars, and resources to enhance your skills and stay updated in your industry.

Personal Growth: Utilize LinkedIn for personal growth, mentorship, and learning opportunities.



Event #18

Event Name: **Climate Change and the Role of Engineers**

Date: **4th October, 2023**

No. of Attendees: 220

The IEEE WIE AG Hyderabad Section, in collaboration with IEEE WIE AG SB RCEW, successfully organized an expert talk on "Climate Change and the Role of Engineers." Dr. Surekha Deshmukh's informative presentation and the interactive session enriched the knowledge of attendees and encouraged them to contribute to addressing climate change challenges. This event exemplified the IEEE community's commitment to fostering awareness and collaboration on critical issues affecting our world today.Dr.Surekha Deshmukh explained how engineers can contribute to get positive impact on the climate, Students came to know about the Go-Green-campaign and how future entrepreneurs should consider the climate as the basic parameter while designing their products. This will lead to a positive impact on our environment and also provide awareness about our environment to the users of those products.

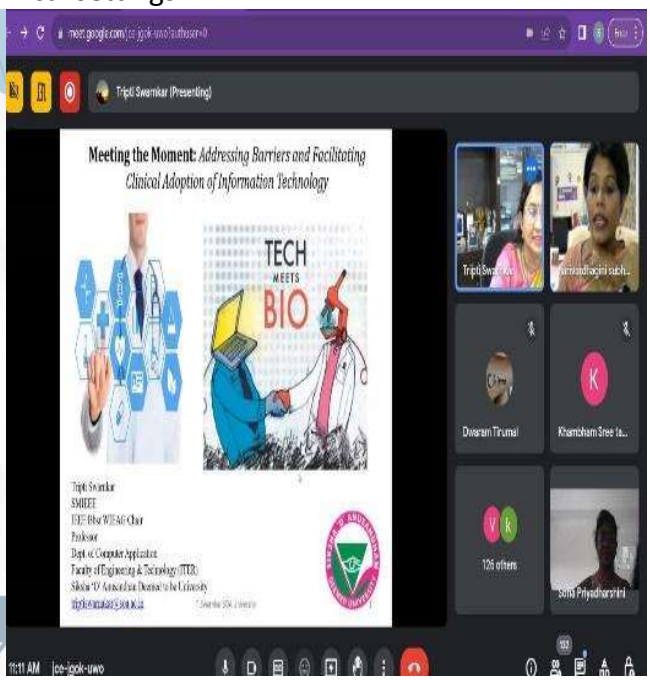
Event #19

Event Name: **Expert Talk on Addressing Barriers and Facilitating Clinical Adoption of Information Technology**

Date: 6th October, 2023

No. of Attendees: 138

IEEE WIE AG Hyderabad Section, in collaboration with IEEE WIE AG SB "Rajeev Gandhi Memorial College of Engineering and Technology," hosted an Expert Talk on "Addressing Barriers and Facilitating Clinical Adoption of Information Technology" with Professor Tripti Swarnkar as the esteemed speaker. The expert talk aimed to address the challenges and opportunities in integrating information technology into clinical settings.



Event #20

Event Name: **Talk on "Digital Crimes-Strategies**

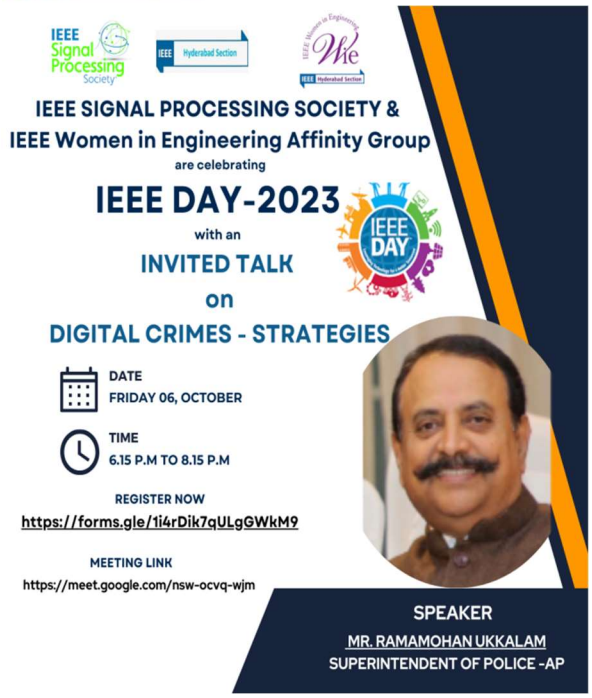
Date: 6th October, 2023

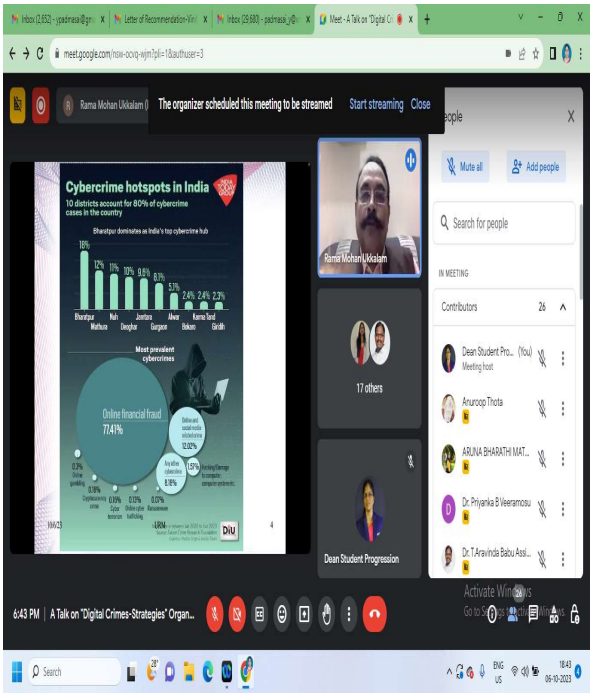
No. of Attendees: 45

IEEE Day, celebrated annually on the first Tuesday in October, is a global event that promotes the significance of technology and innovation in improving the quality of life worldwide. As a part of the IEEE Day Celebrations, IEEE Signal processing Society and IEEE Women in Engineering Affinity Group, Hyderabad Chapter organized an invited lecture on "Digital Crimes and Strategies" presented by Ukkalam Ram Mohan, SP, Telangana, a renowned expert in the field of cybersecurity and digital forensics. This event was organized in association with IEEE Signal processing Society, Hyderabad Chapter.

Key Points Covered:

- Overview of Digital Crimes: Mr. Mohan provided an overview of the various types of digital crimes, highlighting recent high-profile cases to illustrate the magnitude of the problem.
- Cybersecurity Challenges: He discussed the challenges faced by cybersecurity professionals in combating digital crimes, including evolving attack techniques and the sophistication of cybercriminals.
- Digital Forensics: The speaker explained the role of digital forensics in investigating cybercrimes and gathering evidence for legal proceedings.
- Preventive Strategies: Mr. Mohan offered practical tips and strategies for individuals and organizations to enhance their cyber security posture and protect sensitive data.
- Emerging Trends: He discussed emerging trends in digital crimes, such as ransomware attacks, and how individuals and organizations can prepare to defend against them.





Event #21

Event Name: **Fourth Meeting of IEEE WIE EXCOM 2023, Hyderabad Section**

Date: **10th October, 2023**

No. of Attendees: 6

Agenda:

- Introduction
- Plan of events for November 2023
- Budget requirement
- Any other matter with the permission of the Chair

S.NoDiscussion Points [Action Points, Reports, Comments]

1. No comments were received on the resolutions made at IEEE WIE AG Meeting 3 held on 10 Sep 2023 at 14.00hrs
2. Secretary presented Action Taken Report on the previous meeting minutes.

3. Discussed to plan conduction of WIE LML Flagship event (Lalitha Memorial Lecture) in the last week of November or first week of December.

4. LML Awardee must have good achievements in Engineering and Technology from industry or academia who are more than 60 Years.

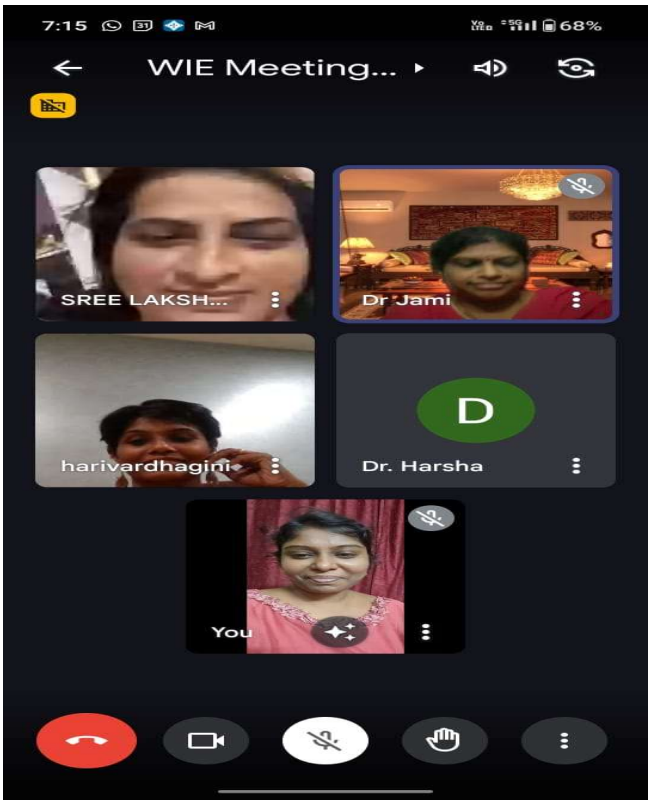
5. Discussed to publish article for R10 Newsletter from IEEE WIE. Last date to submit is 20 Oct 2023.

6. Planned to conduct Zonal Congress to collaborate with other SAC in Guntur, Warangal and Anathapur

7. Planned to conduct a webinar on Design Thinking in collaboration with GNITS on 12 Oct 2023.

8. Planned to conduct a webinar on "How to convert Project to Research Paper" in the third week of October 2023.

9. Planned to conduct one industrial Visit to T-Hub in the month of November 2023



Event #22

Event Name: **FIFTH MEETING OF IEEE WIE EXCOM 2023, HYDERABAD SECTION**

Date: 6th November, 2023

No. of Attendees: 6

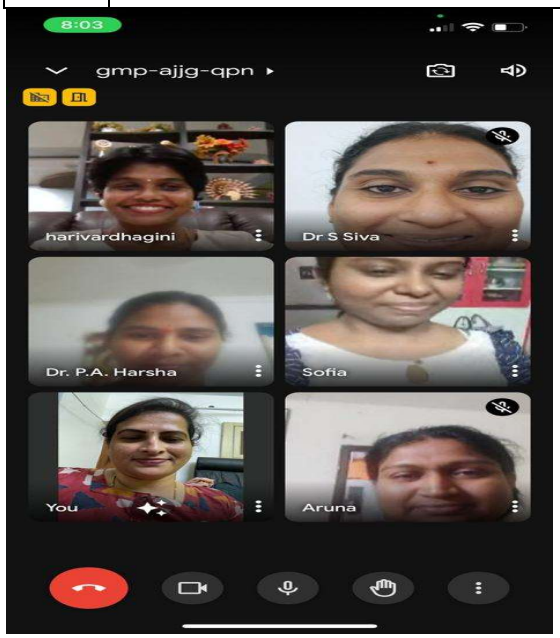
Agenda of the Meeting:

- Introduction
- Events for Nov 2023
- Plan for Special Event with Special Fund received.
- Budget requirement for the event
- Any other matter with the permission of the Chair

Discussion:

S.No	Discussion Points [Action Points, Reports, Comments]
1.	No comments were received on the resolutions made at IEEE WIE AG Meeting 4 held on 10 Oct 2023 at 7PM
2.	Secretary presented Action Taken Report on the previous meeting minutes.
3.	Received Special Fund of 400 $ for IEEE WIE AG Hyd Section from IEEE.
4.	Planned to conduct Woman Conclave on " Women in Finance and entrepreneurship" in VJIT on 18 Nov 2023.
5.	Planned to conduct "Contributions and Challenges of Women in Space" at Geetanjali College of Engineering on 28 Nov 2023.
6.	Discussed about various events in different sections of IEEE Hyd Section: • IEEE PES Hyd Section is conducting Global Workshop from 24-25 Nov 2023 for students and Professionals. • IEEE ILS is conducted from 24-25 Nov 2023 at Vizag.
7.	Planned to conduct One day event on 16 Dec 2023 tentatively with special fund received on "Climatic Sustainability and Green Energy" with Expert talks, Panel Discussion, Poster Presentation, Project Expo, Just-a-min Competition etc at Hotel
8.	Dr Harshavardhini is requested to look after the budget requirements for the event on 16 Dec 2023.

9.	Planned to conduct IEEE WIE LML Flagship event in the same venue on 16 Dec 2023.
10.	Members are requested to encourage minimum of 50 participants to register and attend physically.



Event #23

Event Name: **Launch of CYBER CHAMPIONS- Hyderabad Edition**

Date: **15th November, 2023**

No. of Attendees: 100

Being in a digitally connected world where everything is on the Internet, one of the most difficult tasks for the governments, organisations and individuals have become assuring the safety of our data. Malware attacks and phishing are rising every moment attacking individuals as well as organisations. India's cyberspace is increasing in size and variety every day that India must educate and engage the younger as well as the adult generation in protecting themselves and their organisations.

We believe in engaging the youth in technology development and deployment while individualising their experience and enhancing their knowledge. The only way to advance the quality of life is sharing and caring and collaborating. Cybersecurity plays a very crucial role in each of our lives today, given the importance technology holds in today's world. The world of Cyber is often associated with threats and challenges of its own.The members of IEEE (Institute

of Electrical and Electronics Engineerins), faculty co-ordinators, student committee and volunteers went to Zilla Parishad High School, Patelguda, Ibrahimpatnam, Hyderabad, Telangana, conducted an event on spreading the awareness of Cybersecurity through a platform named 'IExplore'. It also included the launch of Cyber Champions. The faculty co-ordinators included S. Harivardhagini, HoD of EIE Department and R. Naveena Bhargavi,Associate Professor of EEE Department and IEEE CVRCE SB Counselor.

Event #24

Event Name: **IEEE WOMEN IN ENGINEERING MENTORSHIP PROGRAM**

Date: **25th November, 2023**

No. of Attendees: 124

A mentoring event is organized in hybrid mode for all the WIE members and students by IEEE WIE Hyderabad section. This is an IEEE WIEC and IEEE LMC funded program. IEEE WIE Committee Chair, Bangladesh Celia Shahnaz delivered the open remarks of IEEE Women in Engineering Mentorship Program. Sweta Ravikumar listed the events organized by IEEE WIE and about the opportunities that women have in industries followed by an industry and

academics collaborate and how can women be helped for career choices. R Balasubramaniam explained the important of IEEE & WIE and the advantage of membership that can help in technical growth. We grow with IEEE, building network leading to great opportunities. KMM Rao mentored several female leaders of IEEE and very eager to mentor many more. His industrial experience will teach the basics of the technical works and easily they can get jobs. Finally networking session where Dr S. Harivardhagini, Dr G. Sreelakshmi & SVN Lalitha shared their views and explained their experience in IEEE and professional life. The event ended with Vote of thanks delivered by Swetha Tripathi.

Event #25

Event Name: **Lalitha Memorial Lecture**

Date: **26th November, 2023**

No. of Attendees: 34

The "LALITHA MEMORIAL LECTURE" (LML), the annual flagship event of the IEEE Hyderabad Section Women in Engineering (WIE) Affinity Group, brought together professionals, students, and enthusiasts to honor and promote women's contributions to the engineering sector. The guests were greeted warmly by Y. Vijaya Latha, Chair of the Hyderabad Section, who also set the tone for an informative and uplifting session. The coordinator of the

Section Chapter, G. Sreelakshmi, gave a summary of the importance and goals of the LML, highlighting its function as a forum for inspiration and information sharing.

The day's distinguished speaker, Jaya Bhamidipati, was presented by S. Harivardhagini, Chair WIE Hyd, who highlighted her achievements and areas of competence. The prominent speaker, Jaya Bhamidipati, addressed important subjects and shared insightful insights in a thought-provoking and perceptive speech about her life journey, followed by an encouraging speech that resonated with all the participants. She highlighted the achievements of women in various fields, underscoring the significance of supporting and empowering one another to overcome challenges and achieve success.

During this interesting presentation, the audience got the chance to learn new things and see things from fresh angles. The "LALITHA MEMORIAL LECTURE" was a huge success, encouraging a sense of community, empowerment, and information exchange among women engineers. The IEEE Hyderabad Section WIE Affinity Group is eager to carry on advancing excellence and diversity in the area. Her engaging presentation prompted participants to reflect on their own habits and consider ways to unplug and reconnect with themselves. Following the enlightening session, the floor was opened for a question-and-answer session. Attendees actively participated, seeking clarifications, sharing their thoughts, and engaging in meaningful conversations. The event fostered a sense of camaraderie among attendees, leaving them inspired and motivated to apply the knowledge gained to their own lives.

Event #26

Event Name: **EcoShe Summit**

Date: **2nd December, 2023**

No. of Attendees: 149

The **IEEE-WIE Hyderabad Section** in association with **GNITS WIE SB** conducted a **HYBRID** event titled 'Eco She SUMMIT' with the theme **"Unleashing the power of women in battling climate mitigation and fostering sustainability"**. The event focused on several topics ranging from effects of climate change and role of women in tackling it, Climatic and optical communication, Understanding the importance of climate and Role of AI in technology fighting climate change.

This event was sponsored by IEEE RELIABILITY SOCIETY, IEEE PHOTONICS SOCIETY, IEEE TEMS AND IEEE WIE GNITS SB.

There were three competitions conducted for the students towards this event with themes related to this summit

- Digital poster making
- Pitch the Idea
- Make a quote

The event was graced by **Dr Celia Shahnaz**, 2023-24 IEEE WIE Committee Chair, Prof, BUET as the **Chief guest** & **Ms Usha Paliath**, Head of Incubation at WE Hub, Telangana as **Guest of Honor**. This event saw a galaxy of speakers like by **Dr.Ramalatha Marimuthu**, Director, iExplore Foundation for Sustainable
Development, Chair, IEEE MGA MRRC 2023, 2024, Ombudsman, IEEE Computer Society 2022,2023,2024, **Mr. Somnath Pal**, Chair Relialibity Section, **Dr. Umashanker Sahu**, Chair, Photonics Society, **Dr. Atul Negi** , Professor, HCU, Past Chair- IEEE Hyd Section. The

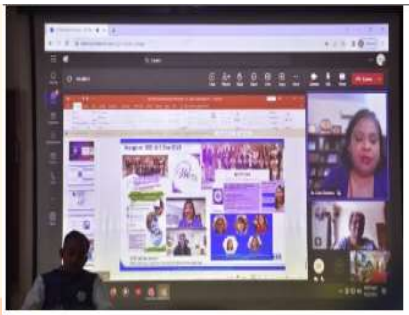
valedictory function was graced by **Dr. Khanita Duangchaemkarn** - IEEE R10 Women in Engineering Chair, School of Pharmaceutical Sciences.

The key take away points were

1. The present scenario of the hazards that the climate is facing and why sustainability is needed.
2. Our role in doing justice and injustice to the climate
3. The role of AI in handling the climatic mitigation and how the future generation can us the POWERFUL AI to battle this mitigation
4. Different and unique ways of achieving sustainability in our day to day life.
5. Why are WOMEN special in handling the climatic changes?
6. The ways in which women transform the sustainability as a way of life
7. Ideas, solutions from students point of view

S.No	NAME	Contact numer	Mail id	College	prize	Competition	Gift voucher worth(Rs)
1	D sowmya	9347846419	sowmya.d2003@gmail.com	VGNIT	1st	make a quote	500
2	G sai rakshitha	7989432893	sairakshitha89@gmail.com	GNITS	1st	make a quote	500
3	Pandem Ekambari	9493869667	pandemekambari@gmail.com	GNITS	2nd	make a quote	
4	N sai abhinaya	8978533726	saiabhinayanaramsetti@gmail.com	GNITS	2nd	make a quote	500
5	D Devasri	9989410353	devdandotikar2006@gmail.com	GNITS	1st	Digital poster	500
6	D Vyshnavi	7989216885	vyshnavidosapally@gmail.com	GNITS	1st	Digital poster	500
7	Vaishnavi chada	8179574646	vaishnavichada2005@gmail.com	GNITS	2nd	Digital poster	500
8	Harshitha Bosani	9346495088	harshitha.bosani@gmail.com	GNITS	1st	pitch the idea	
9	Sree Manaswini Ba	9704404271	srimanaswini@gmail.com	GNITS	1st	pitch the idea	1000
10	p Sreekar Praneeth	9666936177	sreekarpraneethpaka@gmail.com	RGMCET	2nd	pitch the idea	500

This event made several students think of possible ways to overcome the climatic hazards and to encourage sustainability in the daily way of life.



Event #27

Event Name: **Women Conclave on Women in Finance and Entrepreneurship**

Date: **8th December, 2023**

No. of Attendees: 127

Speaker: Ms Usha Paliath

This conference, with the theme women in finance and entrepreneurship, brought together professionals from the industry to share insightful opinions on the role of women in the financial and entrepreneurial sectors of society.

Event #28

Event Name: **Technicalities and opportunities in Space sector**

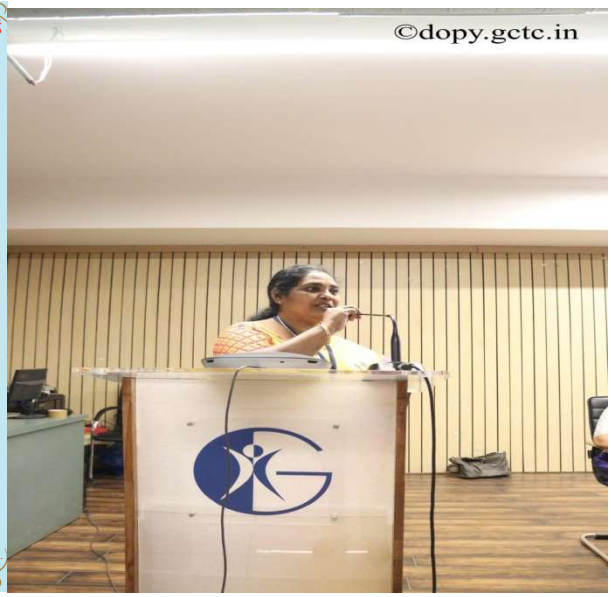
Date: **11h December, 2023**

No. of Attendees: 109

A student summit on "Technicalities and Opportunities in Space Sector" in association9Geethanjali College of Engineering and Technology was organized on 11th December 2023. Eminent speakers from ISRO, Ms Mangala Mani, also know as "1st Polar women of ISRO" and Ms. M. V. ROOPA, scientist/engineer, ISRTAC have graced the event with their enthusiastic speeches and motivated the participants to explore theSpace sector and apply their respective discipline knowledge over there.

The Student Summit enlightened the participants with talks by the guests, brainstorming sessions which gave many insights and opportunities to get connected in the market and also had awareness how to excel in thisdomain. The event was conducted in two phases; Ms. Mangala Mani took the forenoon session whereas Ms. M. V. Roopa took the afternoon session. Dr. Udaya

Kumar Susarla, Principal, GCET, Dr. Y. Vijayalatha, IEEE Hyderabad chair , Dr.Jayaprakasan,treasurer,IEEE Hyderabad section , Dr.Harshavardhini treasurer, Dr.Harivardhagni.S, chair WIE AG and G.Srilakshmi past chair WIE AG ,IEEE Hyderabad section addressed the gathering.



Event #29

Event Name: **SIXTH MEETING of IEEE WIE EXCOM 2023, Hyderabad Section**

Date: **10th October, 2023**

No. of Attendees: 6

Agenda of the Meeting:

- Introduction
- Successful completion of INDICON 2023 were discussed.
- A webinar on "ADVANCES IN HEALTHCARE IMAGE PROCESSING AND INTERNET OF MEDICAL THINGS" by Dr. K M M. RAO is planned to be conducted on 23-12-2024
- Members were advised to apply for funds and awards
- Volunteers are advised to be proactive in 2024
- Any other matter with the permission of the Chair

S.No	Discussion Points [Action Points, Reports, Comments]
1.	Discussed the grand success of the IEEE INDICON Event in Hyderabad
2.	Points to be discussed about the Event "ADVANCES IN HEALTHCARE IMAGE PROCESSING AND INTERNET OF MEDICAL THINGS by Dr. K M M. RAO" which will be on 23-12-2023 this Saturday with VIGNAN JYOTHI INSTITUTE OF TECHNOLOGY
3.	A Special Fund of 400 $ for the IEEE WIE AG Hyd Section from IEEE was successfully conducted and report was submitted.
4.	Planned to conduct one more event in the month of December
5.	Members are encouraged to apply for all awards and funds.
6.	Members are requested to encourage a minimum of participants to register and attend physically.

Event #30

Event Name: **Advances in Healthcare, Image Processing and Internet Of Medical Things**

Date: 24th **December, 2023**

No. of Attendees: 102

For the last few decades, the developments in treatment methods and surgeries are increasing in healthcare, with the advancement of imaging systems, image processing, artificial intelligence techniques, robotics, high speed computing systems, large capacity storage devices, wide spread high speed internet and Wi-Fi facilities, lasers etc., Image processing has been playing a major role in easy diagnosis of diseases, non-invasive surgeries, remote surgeries, autonomous hospital facilities and many more activities for healthcare. Image processing and hyper-spectral or multi-spectral imaging techniques, greatly help diagnosing various eye diseases - like Glaucoma, Age related Macular Degeneration (AMD), Diabetic Retinopathy etc. Early stage detection of breast cancer is important to decrease the mortality rate. The Internet of medical things (IoMT) is another application for medical and health related areas, for creating a digitized healthcare systems, for treating patients from their homes and connecting available medical resources and healthcare services. To meet the worldwide demand for pathologists and for objective results, laboratories are incorporating digitization pathology with analytical software and artificial intelligence (AI). Pandemic has demanded Iot, collaborative research between various healthcare companies and hospitals etc., to get healthcare from homes, which was changing patient safety from hospital to home. Key hole surgery and robotic surgery are taking important role in healthcare, giving advantage to patients for faster recovery and early return to work. Robotic surgeries are used for treating patients from remote places. Controlling robos with brain signal is another on going research. Students would have lot of scope to carry out projects and designing sub-systems in these areas. During the past years, hospitals are witnessing a decline in inpatient volumes along with a corresponding rise at outpatient utilization. This ongoing shift to the outpatient setting has been driven largely by advances in minimally invasive surgical techniques and advanced anesthesia techniques that allow patients to recover more quickly. Hospital on wheels facilitate employs in corporate companies to visit doctors, avail dental care, eyecare and availing minor surgical procedures, etc., Most challenging task is providing minimum Healthcare facilities for Rural and semi urban areas.

Event #31

Event Name: **Pre University Outreach Programme**

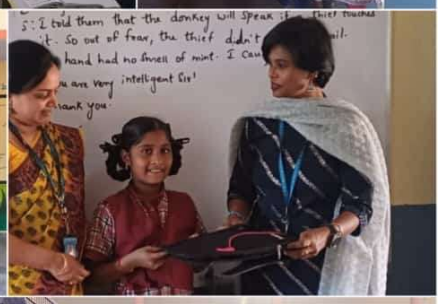
Date: 29th **December, 2023**

No. of Attendees:

- To motivate and encourage the students to attend school regularly.
- To emphasize the importance of STEM in education
- To create awareness on better job opportunities
- To encourage meritorious girl students.

The WIE - IEEE Hyderabad section in association with CVRCE WIE SB conducted an PRE UNIVERSITY OUTREACH activity at ZILLA PARISHAD HIGH SCHOOL, Patelguda , Ibrahimpatnam mandal on 29th December 2023 . The WIE IEEE Hyderabad Section Chair, Dr. S. Harivardhagini along with Ms. Naveena Bhargavi, CVRCE SB ADVISOR and student volunteers visited the school and interacted with the students. The students were motivated and encouraged to attend school regularly. The importance of STEM was emphasized and the better job opportunities were highlighted. The meritorious girl students were awarded with school essentials of 6th, 7th ,8th and 9th grades. The importance of WOMEN in taking up engineering as a course and later to join in jobs were explained upon.

A little knowledge is a dangerous thing



A little knowledge is a dangerous thing

ZILLA PARISHATH HIGH SCHOOL
M.P. PATEL GUDA