



St. 10SEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR. Chennai - 119.



Facilities Provided for Women

SAFETY AND SECURITY

The college has taken extreme care with respect to security of all the inhabitants of the campus.

- All the students are allowed to travel only by the college buses for the safety of the students and private vehicles are not encouraged.
- CCTV surveillance and monitoring is available throughout the campus for safety reasons.
- Students and visitors are allowed on the submission of identity cards and proof of identity respectively.
- Checking of vehicles and people at all exit and entry points
- In hostels, wardens and floor in charges are available 24x7 for in-house security purposes
- During weekends, the hostel students are taken outing along with hostel incharges in order only through the college buses to provide a secured environment even during shopping.
- Medical and ambulance facility are being provided for medical emergencies.

COUNSELING

As per the guidelines of MHRD and AICTE, the college has established "Student's counseling Centre "comprising of a Professional Psychiatrist and two senior faculty of the institution to address the issues related to sexual harassment and other genders specific problems.

General Counseling: In addition the college has also established a "*Grievance and Redressal Committee*", which pays utmost priority to students counseling regarding various genders specific issues. This committee carries out counseling as and when needed to the female students in groups and at individual level. Personality development sessions are being regularly organized for overall development of the students by inviting resource persons from different organizations.

Academic Counseling: Students at the time of admission are counseled on choosing their preferred program by senior faculty members who guide them to take appropriate choices based on facts and figures.

At the department level, for every 15 student one faculty mentor is appointed who counsel the students in dealing with personal matters like mental stress, depression, general disinterestedness

in studies; personal care is taken by the advisors to build the confidence and morale of the students who are in low spirits. In addition they also help the students in academics, co-curricular and extra-curricular activities and making career choices.

COMMON ROOM

Separate common rooms are available for boys and girls. The girls' common room is made available for girl students to take rest and other personal and medical needs. It is provided with washrooms, dressing mirrors, newspapers. Availability of 'sanitary pads' and other personal needs are ensured in the common room. There are two female attendants who ensure safety of girls and also maintain cleanliness in the common room. This room is located in on ground floor itself for better and easy access.

As a unique practice, the college permits the girl students and staff members to avail a special leave of 2days per semester termed as 'Necessity leave' in view of anticipated physiological needs during menstrual cycle.

By all the above means, St. Joseph's College of Engineering offers true spirit of education is being practiced in the campus i.e. no discrimination against caste, creed, religion and gender.

Annual Gender Sensitization Programs

<u>IEEE STUDENT BRANCH CHAPTER</u> REPORT FOR WOMEN IN ENGINEERING SOCIETY

On 27th JUNE 2020, the Women In Engineering Affinity Group of St. Joseph's College of Engineering under IEEE Student Branch Chapter have successfully conducted a webinar on the topic "IMPORTANCE OF WOMEN IN ENGINEERING" on account of 'INTERNATIONAL WOMEN IN ENGINEERING DAY'. We had nearly 100 participants from various colleges in India who made this webinar a great success amidst the lockdown.

The webinar was presented by Ms. Mehak Azeem from Pakistan on IMPORTANCE OF WOMEN IN ENGINEERING through which our participants were able to enlighten their minds on the needs of women in engineering in our society and the main motive of this webinar was of 'what can be done to encourage and support women in male dominated industries such as science and technologies'. And she explained about the soft skills which women must develop in them.

All the active participants were provided with E-certificates. This event indeed helped the participants to gain knowledge about the needs of women in engineering and recognized all beautiful women out there when our nation is at break.



AN INTERNATIONAL WEBINAR SERIES ON WOMEN EMPOWERMENT

Report for 1st Webinar on the Topic "Women Empowerment: Engaging in Research on Emerging Technologies"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the first day of the webinar on 14/07/2020 was made vibrant with an enthralling speaker's presence Ms. Celia Shahnaz who is currently serving as a Professor with the Department of Electrical and Electronic Engineering, BUET., She was a recipient of the 2015 WIE Inspiring Member Award from the IEEE WIE and of the 2016 IEEE MGA Leadership Award with a citation for leadership in engineering and technology-driven innovative IEEE Women in Engineering activities for enhanced membership development and engagement in R10 and across the globe. The session was on "Women Empowerment: Engaging in Research on Emerging Technologies ". The speaker shared her volunteering and networking experiences in IEEE. She explained the UN Sustainable development Goals and talked about innovative and networking ideas. She talked about the biomedical signal processing control which includes denoising of ECG signal based on noise reduction algorithm in EMD. She talked about the significant activity that she had done in the WIE congress, also she talked about the IEEE Women In engineering leadership summit which was held in the year of 2018. She explained the opportunities offered by IEEE and shared her significant activities in IEEE. She explained her research work in Noninvasive blood glucose estimation using multi-sensor based portable & wearable system, Noninvasive bilirubin level quantification & jaundice detection by sclera image processing, Wrist card, Stetho-phone, Electric wheelchair, Smart hat, Auto-HRID, EEG based electric wheelchair, etc.,

On an overview, the session was lively and interesting. About 340 participants across India registered and benefited through the webinar series on Women Empowerment, WOMANSERA'20.



Report for 2nd Webinar on the Topic "Woman Empowerment in Academic Life - Engineering"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the second webinar on 15/07/2020 was made vibrant with an enthralling speaker's presence, Ms.Karden BÜYÜKTANIR AKTAR, who has completed her doctorate from Middle East Technical University under Mining Engineering Department and completed her MBA in Hacettepe University under Business Management department. In addition to her research and career, she has contributed to IEEE by serving in IEEE METU Student Branch, Governing and Executive board member, magazine editor and as IEEE Turkey WIE Affinity Group Board Member.

The session was to enlighten us on "Woman Empowerment in Academic Life - Engineering". The speaker shared her experiences in mining engineering and how mining covers up a large area in Turkey. She explained about volunteering, leadership, and her experiences in IEEE Student Branches. Also, she explained about being a woman in Mining Engineering and her research works. She told how women are successful in all the fields. She emphasized the ratio of women in the mining field and also about the difficulties they face in the same such as the temperature and the dust that can cause various difficulties. She encouraged the participants to pursue their careers in whatever field they are interested in and gave an inspiring speech.

On an overview, the session was very motivating and made us think about what changes we can make in our lives to make the world a better place for everyone. About 203 National and 3 International participants from various countries around the world registered and benefited through the webinar series on women empowerment "WOMANSERA'20".



Report for 3rd Webinar on the Topic "2020 women in power"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the **third** day of the webinar on 16/07/2020 was made vibrant with an enthralling speaker's presence Ms. Jessica Bian who is a visionary leader and architect who has spearheaded the electric industry's reliability metrics and grid-risk assessment. She is currently with Grid-X Partners. Previously, she was the director of performance analysis at the North American Electric Reliability Corporation Georgia. Under her leadership, a total of 18 industry-wide reliability indicators were established for the first time to determine grid reliability, adequacy, and associated risks. she received the 2014 PES Wanda Reeder Pioneer in Power Award for her technical achievements. She is a Senior Member of the IEEE. She has been serving as the IEEE PES secretary since 2016. She is an IEEE PES president-elect candidate for 2020–2021.

The session was on the topic "2020 women in power". The speaker explained the global engagement of power and electrical society, which include 40,000 members in 150 countries. She explained that diversity is essential for any workforce or community and about the PES Women in Power's mission to advance the world through the creativity and innovation of diverse leadership, and to foster the careers, connections, and talent of women in the Power Industry to achieve their full potential to become the leaders of the future. She told that WiP (Women in Power) serves ambitious, professional women in the power and energy industry who are looking for leadership positions and career advancement. The speaker explained the WIE goals which include, promoting the community of in power industry, providing networking opportunities to help women in power engineering to advance their career, to provide inspiration and education through mentors, role models, and success stories. On an overview, the session was lively and interesting. About 232 National and 2 International participants from various countries around the world registered and benefited through the webinar series on Women Empowerment, WOMANSERA'20.



Report for 4th Webinar on the Topic "Women in Professional Development -Research and Career"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the **fourth** day of the webinar on 17/07/2020 was made vibrant with an enthralling speaker's presence Ms. Takako Hashimoto who is the Vice-President of Chiba University of Commerce, Japan and secretary of IEEE R10. She worked at the software R&D center of Ricoh Co. Ltd., in Japan for 24 years, and participated in the development of many software products as a technical leader. She is a Board Member of the Database Society of Japan and the IEEE Japan Council. She was the Chair of IEEE Women In Engineering (2015-16). Currently, she has focused on the data mining research and the social media analysis, especially topic extraction from millions of tweets related to the East Japan Great Earthquake. She's also conducting global researches for developing the social media analysis platform in a multi-language/cultural environment. The speaker briefed about her research in Social data analysis and Information Technology for Achieving SDGs. She explained the data polishing technique and about very fast unsupervised feature value selection. She explained the Sustainable Development Goals and also about the power generation and consumption at Chiba University. She explained her research in energy consumption data using a machine learning technique for detecting the energy consumption in their university and about the establishment of a Smart city. She told about the working environment for women and the women's employment rate in Japan. She shared her experience as a software engineer which was inspiring. She shared her global activities and volunteering experiences in IEEE.On an overview, the session was lively and interesting. About 226 national and 4 international participants from various countries around the world registered and benefited through the webinar series on Women Empowerment, WOMANSERA'20.



Report for 5th Webinar on the Topic "Women, career and leadership training"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the **fifth** webinar on **18/07/2020** was made vibrant with an enthralling speaker's presence, **Ms. Clarissa Loureiro.** She was an IEEE WIE chair president in unicamp in 2014 and encouraged pre-university, university, and professional women to pursue and achieve success and excellence in their career. She contributed as a researcher at CTI in the Project of Smart Cities of Brazil from March 2020. She has taken an interest in the Smart City arranging to undertake of the Campinas, Brazil. She has given many talks in Brazil and Latin America, empowering the strength of ladies in logical and mechanical regions, she is partaking in NGOs identified with youth instruction and supporting ladies in the market of work. She additionally explores on ladies' emotional wellness, and she is an advertiser of social enterprise ventures.

The speaker started off the session with her experiences and how to support each other among women. She talked about social inequalities in Brazil. She emphasized how we need to break certain stereotypes to break social inequality in our society. She justified this by saying that not only boys need to be superheroes even girls have the same right to be encouraged to play, to be brave, to be superheroes to save the world. She explained about the importance of global education that includes both boys and girls as it helps the students work in harmony and understanding. Also, she explained how we can attract girls to technological areas which included encouraging girls into mathematics, problem-solving, and having diversity in the information. She also explained how technology has been a part of our lives and also how we can use it to change the world. On an overview, the session was very motivating and made us think about what changes we can make in our live to make the world a better place for everyone. About 264 National and 4 International participants from various countries around the world benefited through the webinar series on Women "WOMANSERA'20".



Report for 6th Webinar on the Topic "Balance between job, volunteering, and personal life"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of it, a webinar series titled "WOMANSERA '20" has been organized, the sixth session of the webinar on 19/07/2020 was made inspiring with the presence of Ms. Jenifer P. Castillo Rodriguez. She is a Mechatronics Engineering graduate of San Buenaventura University in Bogota Colombia and pursued her MBA in International Enterprises from the Polytechnic University of Puerto Rico. Currently, she works for Parker Hannifin Corp. Fortune 250 company, where she is the Territory Manager of the Caribbean, in charge of business development in all the different islands. She is a part of IEEE as a member and volunteer for 16 years and one of the senior members of IEEE.

In the session, she specified the importance of planning and focusing on life. Before we take every step, we must plan and prepare ourselves and be ready to face the challenges. We have to overcome our fear which is the primary thing to do. Considering the job, we should be committed to our job by respecting it, valuing it, and facing all the challenges that come our way with boldness. Finding a balance between job, volunteering and personal life is a constant process. We must continue to do it no matter what the circumstances might be. This path might be a unique one for each of us and all we have to do to figure it out at the earliest and maintain it as a dynamic process. Sometimes we may lose the balance but we must be determined to find our way back. We should schedule our priorities correctly to achieve success. As a whole, the session was very enlightening and inspiring.

On an overview, the session was very motivating and made us think about what changes we can make in our live to make the world a better place for everyone. About 208 National and 5 International participants from various countries around the world registered and benefited through the webinar series on Women empowerment "WOMANSERA'20".



Report for 7th Webinar on the Topic "Diversity and social entrepreneurship for sustainable development"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMENSERA'20" has been organized, the **seventh** day of the webinar on 20/07/2020 was made vibrant with an enthralling speaker's presence, **Ms. Pia Torres** is an Electronics Engineer with more than 12 years of experience in automation, project management, process standardization, capacity expansion, optimization of production and maintenance, etc. She is a project manager at RoboTeam, an initiative of volunteers from the IEEE Women in Engineering. She worked as a Process Instrumentation Engineer - Nuclear Projects in INVAP. She worked as a Field Engineer Trainee Wireline.

The speaker talked about the IEEE diversity policy statement, which includes diversity in the technical profession and promoting an inclusive and equitable culture in its activities and programs. She explained the value of IEEE throughout her journey. She made the participants understand how to be innovative. She inculcates the spirits of women in engineering with the participants. She talked about the IEEE humanitarian activities committee and about the creativity and innovation, which include the process of producing a new and useful idea or product. The speaker also talked about the technical solutions for COVID-19. She talked about the triple impact which includes economic, social, and environmental. The speaker also talked about the sustainable development goals. She also talked about the STEM career gender distribution, where men are more than 75% and women are less than 25%. She told to self motivate their valuable thoughts and become a changemaker. She expounded and made the students understand how to be more creative. About 231 National and 5 International participants from various countries around the world registered and benefited through the webinar series on Women empowerment "WOMANSERA'20".



Report for 8th Webinar on the Topic "Energy access and women's empowerment"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of it, a webinar series titled "WOMANSERA '20" has been organized. Ms. Nirupama Prakash Kumar was the speaker of the eighth session of the webinar series which was held on 21/07/2020. She is the Humanitarian Activities coordinator of Region 6 since 2019. She finished her MS in Energy Systems from the University of Washington in Seattle. Her research interests included effective demand response techniques to improve energy efficiency. She completed her MBA from Cornell University where she was recognized both as an 'Environmental Finance and Impact Investing Fellow' as well as an 'Emerging Markets Fellow'. She has worked for the Pacific Northwest National Laboratory, NextEra Energy, and a FACTS startup called Smart Wires. Currently, she is a Senior Product Manager in Microgrids with Bloom Energy. She works with the South Asia Working Group of IEEE Smart Village. She is also part of the IEEE USA's Energy Policy Committee. She believes that gender balance is to be considered as a tool for development.

The more women empowerment takes place, the more development happens. The promotion of gender equality and the empowerment of women is one of the global challenges faced which is also one of the UN millennium development goals. She talked about all the problems faced by women and how those can be solved by providing energy access to women. She feels that every person who wants to volunteer can take the responsibility of creating awareness among the rural women on clean cooking. She also reminded us how cooking in smoke can cause Tuberculosis and cataract which might lead to blindness too. The session created an awareness among the participants on how rural women suffer and how energy access can help them out. About 323 National and 9 International from various countries around the world registered and benefited through the webinar series on Women empowerment, "WOMANSERA'20".



Report for 9th Webinar on the Topic "Women empowerment- Bootstrapping a hardware company"

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the ninth day of the webinar on 22/07/2020 was made vibrant with an enthralling speaker's presence Ms. Samantha Snabes, who is the Co-founder and a Catalyst for re:3D where she facilitates connections between others printing at the human-scale using recycled materials to access locally-driven manufacturing in 53 countries. She currently volunteers as the Global Chair of the IEEE Entrepreneurship Steering Committee. Previously, she served as the Social Entrepreneur in Residence for the NASA HQ and Deputy Strategist supporting the NASA Johnson Space Centre's Space Life Sciences Directorate after selling a start-up for a DARPA-funded, copatented tissue culture device.re:3D® Inc. is committed to decimating the cost & scale barriers to industrial 3D printing. She is the 2019 Immediate Past Chair on the 2020 IEEE Entrepreneurship Steering Committee and was Chair on the 2019 IEEE Entrepreneurship Steering Committee. She has been an active volunteer leader with IEEE's Entrepreneurship Exchange since 2016 and was the 2017 Vice-Chair, Industry Partner for the IEEE Entrepreneurship Steering Committee. She is also a judge for the IEEE Entrepreneurship Stars Program.

The speaker explained the struggles she had faced in her life which included product development, team building, creating a differentiation, etc. She also added that Now, if the world is tough to women, it is tougher for women entrepreneurs. And she said that the total amount of funding raised by start-ups with a woman founder or co-founder between January and September 2018 comprised just 5.2 percent of the \$9.14 billion raised in overall funding in India. She explained the 3D printing in a detailed manner, she encouraged the participants to think about the hardware company. She explained the GIGABOT which is a robot less than \$10K. And explained the 10 programs around the world giving equity-free money to start up. About 201 National and 3 International participants from various countries around the world registered and benefited through the webinar series on Women empowerment "WOMANSERA'20".



"Women Empowerment - Utilise your Strength"

St. Joseph's College of Engineering in collaboration with IEEE Women In Engineering Affinity Group had taken an initiative to provide a wider knowledge of "WOMEN EMPOWERMENT".

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the tenth webinar on 23/07/2020 was made vibrant with an enthralling speaker's presence, Ms. NorlizaMohd Noor. she who is currently attached as Associate Professor in UTM Razak School of Engineering and Advanced Technology, University Technology Malaysia (UTM), Kuala Lumpur Campus she is IEEE R10 Director-Elect Candidate 2021-2022 and She is also a senior member of IEEE (since 2008) where she has been a member for more than 25 years starting as a student member while studying in the USA. In 1998-2001, she held several key positions in the IEEE Malaysia Section. She is the founding chapter chair for the IEEE Signal Processing Society Malaysia Chapter in 2002 and she held the position till 2006. She is an active IEEE volunteer and held key positions in the IEEE Signal Processing Society Malaysia Chapter and IEEE Engineering Medicine and Biology Society Malaysia Chapter till now. She is an active member of the IEEE EMBS and IEEE Women in Engineering WIE affinity group.

The speaker started off the session with two inspiring quotes from Michelle Obama and Margaret Thatcher which was such a motivating start. Then she explained the United Nations Population Fund: Issue 7 on Women Empowerment by which she explained about gender equality, education for girl children, etc. The speaker emphasized 5 powerful ways women can empower other women through technology, education, empowering their voices, and many more. She then talked about How to close the gap between Men and Women which included digital fluency, career strategy, and technology immersion. She also shared her experiences in IEEE which inspired all the participants. On an overview, the session was very motivating and made us think about what changes we can make in our lives to make the world a better place for everyone. About 227 National and 2 International participants from various countries around the world benefited through the webinar series Women registered and on empowerment "WOMANSERA'20".



Report for 11th Webinar on the Topic "Women Achievers: How To Be One?"

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the **eleventh** day of the webinar on 24/07/2020 was made vibrant with an enthralling speaker's presence Ms. SupavadeeAramvith who is the Candidate for 2021-2022 IEEE Region 10 Director-Elect. and a Member of the IEEE Awards Board Presentation & Publicity Committee. She is the Chair of the IEEE EAB Section Education Outreach Committee and also a member of the IEEE Consumer Electronics Society Board of Governors. She is the communications chair of the IEEE Humanitarian Activities Committee and chair of Region 10 Section & Chapter Committee and also chair of the IEEE Signal Processing Society, Thailand Chapter. She received the 2017 Sak-Intania Award for her Outstanding Faculty Staff.

The speaker explained the seven key traits of high achievers which were the aim, visionary, focus, discipline, winning mentality, lifelong learner, and finally about the boomerang. She mentioned that our focus must be like a laser beam on our ambition. She told us that we need to gather momentum and make significant changes to our aim. She encouraged women to come out of comfort zone and must be a good learner to grow personally and professionally. And the speaker told us about her higher education and career path from 1989 to 2020. She was also served as a teacher, academic advisor, researcher and publisher technical advisor, administrator, and professional volunteer. She is also an experienced in international telecommunication union on ICT4SDG. She also shared her IEEE experience from 2007 to 2020. She also talked about the IEEE-WIE mentorship.

On an overview, the session was lively and interesting. About 219 National and 6 International participants from various countries around the world registered and benefited through the webinar series on Women Empowerment, WOMANSERA'20.



Report for 12th Webinar on the Topic "Female leadership: Be confident and ambitious"

As a part of the initiative, a webinar series titled "WOMANSERA'20" has been organized, the twelfth webinar on 25/07/2020 was made vibrant with an enthralling speaker's presence Ms. SimayAkar, who is an active IEEE volunteer since 2007 and has been serving several volunteer membership and leadership positions. She is currently working in the solar industry in Suzhou, China- as Overseas Marketing Manager of Suzhou Talesun Solar Technologies Co., Ltd. is a photovoltaic manufacturer with an annual capacity of 3 GW cells and 5 GW modules in China and Thailand. She is responsible for the Americas, MEA, Australia, and Japan regional marketing activities. She has served several volunteer activities in different organizational units including Student Branch (METU), Sections (Turkey and Nanjing-China), Regions (8 and 10), Societies (PES, SSIT) IEEE Day, IEEE SIGHT and Humanitarian Activities, IEEE TAB (WUG), IEEE MGA (WIE and Young Professionals) and many others.

The speaker drew our attention to whether we needed confidence rather than competence in which she explained about experience, skills, knowledge, behaviour, performance and our goals. Then she explained companies adding women to the C-suite and also explained the key practices to shape how employees view opportunity and fairness which includes manager support, sponsorship, unbiased hiring, and promotion, etc. The speaker emphasized the barriers women create for themselves such as the trap of perfection, overestimating expertise, reluctance to claim our success to name a few. And completed her session with some inspiring quotes which were very motivational.

On an overview, the session was very motivating and made us think about what changes we can make in our lives to make the world a better place for everyone. About 250 National and 3 International participants from various countries around the world registered and benefited through the webinar series on Women empowerment "WOMANSERA'20".

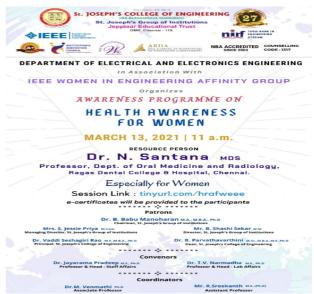


Report for Awareness Programme on the Topic "Health Awareness for Women"

On account of Women's Day celebration, an awareness programme was conducted on the topic "Health Awareness for Women" by IEEE Women in Engineering Affinity group members of EEE Department, St. Joseph's College of Engineering on 13/03/2021 at 11.00 A.M in Laurel Hall. About 80 participants from various departments participated in the programme.

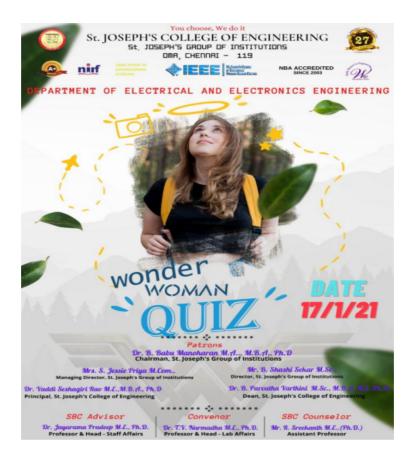
It was made vibrant with an enthralling speaker's presence Dr. N. SANTANA B.D.S, M.D.S, who is currently working as professor in Ragas Dental College and Hospital. As health are a state of complete physical, mental and social well-being and not merely the absence of disease. She has started with the quote that Women's health has been described as "a patchwork quilt with gaps". With respect to this speaker discussed about the issues around women's health related to their general health, oral health and reproductive health including menstruation, birth control and menopause. She also conversed about the most common health issues related to Gynaecological and breast cancer. She discussed about the oral diseases and conditions share modifiable risk factors with the leading diseases such as cardiovascular diseases, cancer, chronic respiratory diseases and diabetes. She emphasized on oral hygiene and thrown light on some precautionary measures. Also created awareness about the overall health. On an overview, the session was very well organised and created awareness for women in all aspects.





Report for Quiz WONDER WOMAN

Our Electrical and Electronics Engineering department in association with IEEE SBC WIE AG organized a WONDER WOMAN QUIZ contest under IEEE Women In Engineering Affinity Group for the IEEE students. Students were asked questions in the field of women's safety and women empowerment. The second round was carried out by talk by the participants. The event was conducted on 17th January 2021. Nearly 38 students participated in it and got benefited. E-Certificates are distributed to the winners.



AN INTERNATIONAL WIE SYMPOSIUM

IEEE Student Branch Chapter of St Joseph's College of Engineering under Women In Engineering Affinity Group organized a 3 day event Womansera'21 - An International WIE Symposium from 3rd September 2021 to 5th September 2021. We educated participants through world-class webinars led by well-known resource personalities, as well as exposed their technical and non-technical talents through a series of activities meticulously planned to provide participants with a unique competitive experience. The event was organized for 25 hours which included seven webinars, six technical and six non-technical events, a panel discussion, inaugural and valedictory ceremony. The technical events were Arduino circuit event, paper presentation, coding event, binary event, technical quiz, and idea pitch. Sell my pen, Connexions, Shipwreck, Poster design, Sudoku, and Treasure hunt were the non-technical events. These activities had a significant impact because they increased awareness of several technologies that benefit women's interests.



The inaugural ceremony of Womansera'21 began with the "Tamil Thaaivazhthu," honoring our language and tradition. Following that, we had a welcome note and message from our event lead, Mr. Sreekanth R, our SB Counselor, and Dr.Jayarama Pradeep HOD EEE Department. Dr. Celia Shahnaz, Professor, Department of EEE, Buet Bangladesh, the inaugural ceremony's chief guest, shared her experience as a key and motivated participants to achieve more.

Report for 1st Webinar on the Topic

"Equip Yourself for impact - driven and Innovation -oriented entrepreneurial ecosystem"

As a part of the initiative, An International WIE Symposium titled "WOMANSERA'21" has been organized, the first webinar on 03/09/2021 was made vibrant with an enthralling speaker's presence Ms. SimayAkar, who is an active IEEE volunteer since 2007 and has been serving several volunteer membership and leadership positions.

The session was to enlighten us on "Equip Yourself for impact - driven and Innovation -oriented entrepreneurial ecosystem", the speaker drew our attention to whether we needed confidence rather than competence in which she explained about experience, skills, knowledge, behavior, performance and our goals. On an overview, the session was very motivating and made us think about what changes we can make in our lives to make the world a better place for everyone. About 200 participants from various countries around the world registered and benefited through "WOMANSERA'21".

The event was hosted by Ms.Akshaya S and the Q and A session was handled by Ms.Abinayaa Sri. By the end of the session, a memento was presented to Ms. SimayAkar by Mr.AranganRishikesh T to honor her presence in WOMANSERA'21.



Report for 3rd Webinar on the Topic

"Eminence Building for Women in the Industry"

St. Joseph's College of Engineering IEEE Women in Engineering-Affinity Group organized "Womansera 21-An International WIE Symposium". The **third session** was presented by **Ms.GeetikaTandon**on **3rd september 2021** on the topic "Eminence Building for Women in **the Industry**" who is the Managing Director at Deloitte Consulting. Ms.Jenin Benedict A welcomed the speaker with a welcome citation. She spoke about the role of women in many IEEE areas and explained her experience in the IEEE society. The participants learned the importance of women's presence in the industry. The queries session was handled by Ms.Swetha.B followed by the vote of thanks. Mr.Thiruvel presented the Momento for the speaker. Our SB Counselor Mr.Sreekanth thanked the speaker for the wonderful session.



Report for 4th Webinar on the Topic

"Eminence Building for Women in the Industry"

IEEE St.Joseph's College of Engineering Women in Engineering-Affinity Group organized "Womansera'21-An International WIE Symposium". The **fourth session** was presented by **Ms.Mini Ulanat** on **4th September 2021** on the topic "**Safe and responsible usage of Cyber Resources**", who is the Systems Manager of Cochin University of Science & Technology (CUSAT). Ms.Akshaya.S welcomed the speaker with a citation note. Cyber spaces and security are major issues in the current digital world. She explained about the different cyber activities and how to overcome these issues. The participants gained knowledge about the cybercrimes and cyber securities. They also added that this was an important during this digital transformation. The queries session was handled by Ms.Udhayaraga followed by the vote of thanks. Mr.Thiruvel presented the memento to the speaker. Dr.Venmathi Mahendren thanked the speaker for the wonderful session.



Report for 5th Webinar on the Topic

"Women in STEM at the time of pandemic"

St.Joseph's College of Engineering IEEE Women in Engineering-Affinity Group organized "Womansera'21-An International WIE Symposium". The **sixth session** was presented by **Dr.Cinzia Da Via** on **4th September 2021** on the topic "Women in STEM at the time of **pandemic**"Professor of Physics at The University of Manchester, UK and a Visiting Research Professor at Stony Brook University, USA. Ms.Akshaya.S welcomed the speaker with a citation note. STEM is the important topic which every woman needs to be involved. She briefed us on works the women did during the pandemic in STEM. The participants came to know about the STEM. The queries session was handled by Ms.Abinayaa Sri followed by the vote of thanks. Mr.Thiruvel presented the memento to the speaker. Mr.Srikanth thanked the speaker for the wonderful session.



Report for 6th Webinar on the Topic

"Networking and Career Building"

St.Joseph's College of Engineering IEEE Women in Engineering-Affinity Group organized "Womansera 21-An International WIE Symposium". The sixth session was presented by Ms.UduakAkpanedet on 4th september 2021 on the topic "Networking and Career Building". She is a Consultant Electrical Engineer within the Technology Team at ITP Energised. Ms.Swetha welcomed the speaker with a citation note. Networking is the important skill which everyone needs to acquire. She insisted every participant to interact and made it an interactive session. The participants enjoyed the networking webinar through which they gained the skill to ask questions and interact with everyone. The queries session was handled by Ms. Jenin Benedict A followed by the vote of thanks. Mr. Thiruvel presented the memento to the speaker. Mr. Srikanth thanked the speaker for the wonderful session.



Report for 7th Webinar on the Topic

"Future - Ready Leadership"

St.Joseph's College of Engineering IEEE Women in Engineering-Affinity Group organized "Womansera'21 - An International WIE Symposium". The **seventh session** was presented by **Dr.AishwaryaBandla** on **5th september 2021** on the topic "Future - Ready Leadership". She heads the Translational Core at The N.1 Institute for Health at the National University of Singapore (NUS). Her research group, a multidisciplinary group of scientists and clinicians, focuses on wearable bioengineering solutions for disease prevention in the oncology and neurology spectrum. Dr.Bandla has a Ph.D. in Biomedical Engineering from NUS, has had her research published in international peer-reviewed journals, and has won several research conference presentation awards. Ms. Jesse S welcomed the speaker with a welcome citation. A variety of factors motivated our decisions, including turnover, customer happiness, sales, revenue, productivity, and more. Good leadership creates employee engagement and passion, which lead to higher levels of customer loyalty, service, innovation, and ultimately profits. The queries session was handled by Ms. Maria Shirley John L M followed by the vote of thanks. Mr.Thiruvel presented the Memento to the speaker. Our SB Counselor Mr.Sreekanth thanked the speaker for the wonderful session.



HEAL-FEEL

A Health Awareness Program

Name of organizing unit : IEEE St.Joseph's College of Engineering WIE AG, Chennai

Co-organizing unit : IEEE WIE AG APSIT, Maharashtra Venue : Online - Cisco WebEx meeting

Date of Event : 29th September 2021 Time of the Event : 6:00 PM to 7:00 PM (IST)

Whether funds received from

IEEE exclusively for this event : No

Topic :Health awareness - Cardiovascular disorders and diagnosis.

Speaker details : Dr. Sridevi, Asst Siddha Medical Officer, Govt. of Tamil Nadu.

Faculty coordinator : Principal and Branch Counsellor of Apsit, Dr UttamKolekar Sir,

Dean of Administration of Apsit, Dr Sameer Nanivadekar, Mr. Sreekanth, IEEE SJCE Branch

Counsellor, Dr.Jayarama Pradeep, SJCE WIE Advisor

Target audience : All age groups. Number of attendees : 70 attendees.

Brief description :

Objectives of our event:

- Communicate the importance of a healthy lifestyle.
- Communicate the importance of prevention.
- Promote the International Heart Day.

Key points of our event:

- Knowledge about cardiovascular disorders and diagnosis, the importance of awareness because cardiovascular disorders and hypertension is increasing in past years due to acute ignorance.
- Avoiding fried foods, using minimal plans for cooking, adopting ancient cooking technology.
- Performing physical exercise is important like Agile workflow, yoga.
- People with cardiovascular problems having diabetes, hypertension and having high lipid levels with blood should be carefully monitored, even after two weeks from treatment and eat healthy.

Ms. Akshaya S, Chairperson of IEEE SJCE WIE welcomed the speaker and followed by Ms. Maria Shirley John, IEEE SJCE WIE Treasurer began the event with citation. After the efficient talk with the speaker, Ms. Abinayaa Sri, IEEE SJCE WIE Vice Chair handled the query session and Ms. Catherenejoshi, Vice-Chair of IEEE APSIT WIE thanked the speaker and e-memento was given to the speaker as a token of appreciation. All the participants are provided with e-certificates for their active participation.





St.Joseph's College of Engineering IEEE WIE AG

in collaboration with

A. P. Shah Institute of Technology IEEE WIE AG

On the Occasion of World Heart Day presents

HEAL-FEEL

A Health Awareness Program

Бу

Dr.Sridevi B.S.M.S, M.D(SIDDHA), MSc CRRA, CNCC, CPK **Asst Siddha Medical Officer** Govt. of TamilNadu







06:00 pm - 07:00 pm



IEEE SJCE SBC







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