IEEE Women in Engineering (WIE) is one of the largest international professional organizations dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests in a career in engineering.

MISSION, VISION & OBJECTIVES

IEEE WIE strives to...

- Recognize the outstanding achievements of women in electrical and electronics engineering through IEEE Awards nominations
- Organize receptions at major technical conferences to enhance networking and to promote membership in WIE
- Advocate women in leadership roles in IEEE governance, and career advancement for women in the profession
- Provide assistance with the formation of new WIE Affinity Groups, and support ongoing activities
- Promote IEEE member grade advancement for women to the membership grades of Senior member and Fellow
- Facilitate the development of programs and activities that promote the entry into, and retention of, women in engineering programs
- Administer the IEEE Student-Teacher and Research Engineer/Scientist (STAR) Program to mentor young women in junior and high schools
- Ensure a climate in the College of Engineering that allows young women to reach their full potential
- Provide opportunities for women engineering students to develop leadership skills that can be utilized in their future lives.
- Encourage women to consider graduate education and academia among their options upon graduation.

EVENTS

The landmark events conducted by IEEE RIT WIE Affinity Group in Year 2016 includes:

WIE SYMPOSIUM:

WIE MSRIT conducted a two day symposium, on the account of International Women’s day with its motto being ‘Milestones in Intellectual Growth and Leadership Qualities’. This event was planned and conducted mostly by women as its sole aim was to encourage girls to grow in every aspect. This event was mainly focused on building self-confidence in young women and encouraging them to become future leaders.
The event had successful women giving us an insight into their lives and struggles. Firstly, we had a Keynote address by Mrs. Pamela Kumar, Vice president, Cloud computing Innovation Council of India, Bengaluru, Karnataka, India Information Technology and Services. The title of her speech being ‘Sprint for results: Management versus Technical career’, it mainly focused on how to set targets and achieve them.

The next talk was by Ms. Josephene Justin, Sr. Engineer in IBM India Software Lab. The title of her speech being ‘An Engineering Career - Energize your future’ her speech gave us a glimpse of the practical world, Covering - Importance of technical competency, growth in the technical career, Challenges being an Engineer, patents, paper presentations, give backs etc.

Next we were addressed by Ms. Subhathra, Program Director in the IBM India Systems Lab, her speech basically emphasized as to how to balance work and personal life. Following this an audio visual quiz was conducted by the MSRIT quiz club. The day was concluded by Panel Discussion lead by Radhika Radhakrishna (Alumni, MSRIT), Throgood, Bangalore.

On the second day, the day’s activities started off with a speech by Mrs. Sudha K V, Executive Director, Engineering, DELL Solutions group, her topic of discussion being ‘Are you Industry ready?’ she gave us a lot of insights about how we should train ourselves to be industry ready.

This was followed by a speech by Ms. Vijaya K Matt Work Force Diversity Program Manager, IBM India, her speech focused on ‘Building your personal brand’, her encouraging words really helped us understand how important it is to build our personal brand. Following this was a group activity for a social cause, Re-Imagine Waste, presided over by Ms Gayathri Handanahal, Waste Impact, NGO, Bangalore.

There were events like debate (In charge BT Dept.), electro-taboo (In charge EIE Dept.), JAM (In charge ML Dept.), Idea Presentation Contest (In charge CSE Dept.), Essay Writing (Kannada, English and Hindi), and Theme based Rangoli for Students, Teaching and Non-Teaching Staffs, Make, Manage and Market (In Charge EC Dept.), Electro charades (In charge EEE Dept.). Every event had to have one compulsory girl member in team events to boost participation by girls.
The overall event was a big success and had huge participation by girls, all the speeches were really encouraging and boosted our self-confidence and knowledge. We learnt a lot from all the esteemed guests who addressed us and shared with us their experience and thoughts.

**PYTHON PROGRAMMING WORKSHOP:**

IEEE MSRIT WIE Affinity group, in collaboration with IITB, Mumbai conducted a one day workshop on Python Programming for girls. It was held on 10th September, 2016 (Saturday) from 11:00 AM to 5:00 PM. More than 45 college students from MSRIT and other colleges participated in the workshop. The workshop was conducted in IBM Lab of Research and Development block of MSRIT.

The speaker for the day was Mr. Suman Devnath, a 2007 graduate from West Bengal University of Technology, currently working as Principle Software Engineer in Broadcom. The crowd was addressed by Aditya Kalyani, IEEE MSRIT chair; followed by Mr. Suman Devnath. After a brief introduction about himself, Mr. Devnath began the workshop with an Introduction to Programming Languages in general, steadily shifting to the Importance and scope of Python Programming language, to all the enthusiastic minds present.

After a three hours session of basic programming with Python, the participants dispersed for Lunch which was arranged by IEEE WIE Affinity Group. After the lunch break, concepts such as functions, files, modules, decorator, dictionaries, etc were covered. Before winding up the 6 hour long workshop, Mr. Devnath shared some e-books, videos and study materials with the students. The event was brought to an end by a Thanks giving speech by Aditya Kalyani.

Other Events Conducted and Coordinated by IEEE-WIE Student Branch Affinity Group Includes:

- WIE Parichaya 2016 at Ramaiah Institute of Technology
- Anita Brog Institute WIE Mini Conference at Ramaiah Institute of Technology
IEEE ANTS Conference 2016, co-ordinated the one day WIE event at IISC, Nov 2016

We hope to conduct many more remarkable events in the coming days and benefit and empower women in all spheres of engineering. We strive to promote our affinity group on global level.