



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

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Yelahanka, Bengaluru-560119.



Name of the Society:

IEEE Women in Engineering (WIE) Affinity Group, BMSIT&M Student Branch

Date of Formation:

19th April, March 2025

Coordinator:

Dr.Asha G.H, Dr. Asha K

Objective:

To promote inclusive engineering education by actively encouraging the participation and leadership of women in STEM disciplines, while empowering students through hands-on technical learning, socially relevant projects, and innovation-driven initiatives. The society aims to bridge the gap between theory and practice by leveraging emerging technologies such as Internet of Things (IoT), Artificial Intelligence (AI), and Robotics, fostering creativity, problem-solving skills, teamwork, and a strong sense of social responsibility among students.

Frequency of Meetings:

Two core committee meetings per month and periodic general meetings aligned with IEEE WIE activities and events.

Social media link:

LinkedIn: <https://www.linkedin.com/company/ieee-communications-society-bmsit>

WhatsApp Infoboard: <https://chat.whatsapp.com/CUvv0y4kaYHLuoUBWvxhyc>

Instagram: <https://www.instagram.com/ieeewie.bmsit/>

Roles and Responsibilities:

The IEEE Women in Engineering (WIE) Affinity Group at BMSIT&M is dedicated to fostering technical excellence, leadership, and inclusivity among students. The society actively organizes outreach programs, technical events, ideation activities, wellness initiatives, and AI-based projects to promote holistic development. Members collaborate on innovative and socially relevant solutions, mentor peers and school students, conduct skill-oriented workshops, and uphold IEEE values by applying technology for social good, mental well-being, and community development.

Activities conducted:

1. IEEE Open Day – “A Space to Reset, Reconnect & Recharge”

Date: 25-04-2024

Location: BMSIT&M Campus

Participants: Students across branches

Prize Pool: Not Applicable

Description:

IEEE Open Day was a wellness-centered initiative designed to address student mental well-being. Activities such as Trickle Ball and Namma Vibe helped students relieve academic stress and reconnect socially. A special Photo Corner provided participants with roses and personalized lucky notes, creating an emotionally uplifting environment. The event emphasized the importance of self-care, emotional balance, and mental health in academic life.



2. Idea Heist – Ideathon & IEEE WiE Inauguration Event

Date: 21-05-2025

Location: BMSIT&M Campus

Participants: Students from multiple departments

Prize Pool: Winners awarded

Description:

Idea Heist marked the official inauguration of the IEEE WiE Affinity Group through a high-energy, campus-wide ideathon. The event consisted of three engaging rounds: a Debugging Escape Room, an Aptitude and Fitness-based Domain Unlock round, and a Final Idea Pitching round. The ideathon promoted creativity, critical thinking, adaptability, teamwork, and leadership while fostering inclusive participation and collaborative innovation.



3. Summer of Projects – 4-Week Robotics Workshop (IEEE RAS Collaboration)

Date: 4 Weeks (7-06-2025)

Location: BMSIT&M

Participants: Multi-college student participants

Prize Pool: Performance-based recognition

Description:

Summer of Projects was a four-week hands-on robotics bootcamp conducted in collaboration with the IEEE Robotics and Automation Society (RAS). Participants learned robotics fundamentals, including sensors, actuators, motor drivers, and autonomous robot design. Students built and programmed line-follower robots, participated in quizzes and competitions, and tracked progress through a leaderboard. The workshop significantly boosted confidence and interest in hardware and robotics domains.



4. Project STEMSetGo – Month-Long STEM Outreach Program

Date: Month-long program (24-08-2025)

Location: Government School (Outreach Program)

Participants: School students (with focus on young girls)

Prize Pool: Best Team Award

Description:

A month-long STEM outreach program conducted at an underprivileged government school, where students were trained to build basic IoT projects. The initiative focused on hands-on learning, confidence building, and encouraging young girls to pursue STEM careers. The program concluded with a science exhibition and environmental activities such as tree plantation.



5. Smile Project – AI for Joy

Date: 20-11-2025

Location: College Fest Venue

Participants: 500+ students

Prize Pool: Not Applicable

Description:

The Smile Project was an AI-driven initiative that used real-time face detection and smile recognition to count smiles during the college fest. Built using facial landmark detection and a trained classification model, the system successfully captured over 500 smiles. The project demonstrated how artificial intelligence can positively impact emotional well-being.

