



BNM Institute of Technology

An autonomous Institution under VTU

IEEE Women In Engineering (SBC14831D)

List of Events Organized during 2023-24 & 2024-25

<i>Sl. No.</i>	<i>Event title</i>	<i>date</i>	<i>No. of Participants</i>
1	Talk on“Building a Secure Financial Future”	10/10/25	30
2	Managing Stress and Achieving Wellbeing	28/07/25	50
3	Life of a Packet & Routing Fundamentals	25/07/25	230
4	THINK ZAP World WIE Day Quiz	26/03/25	50
5	IEEE Week Event Escape Room	26/03/25	65

IEEE CS BNMIT Office Bearers

Sl. No	Name	Position Held
1	Kanishka	Chair
2	YS Neha	Vice- Chair
3	DM Mukund	Secretary
4	Sudhanva KS Bhat	Treasurer
5	Kushala BM	Webmaster

Faculty Advisor : Dr. Bindu S, Professor,ECE

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IEEE Women In Engineering Society Student Chapter IEEE Week Event Escape Room&IEEEWIE

Date: 10th October 2025

Venue: N207, BNMIT.

Time: 1:00 p.m. to 4:00 p.m.

No of participants: 65

The IEEE Women in Engineering (WIE) Student Branch of BNMIT organized an engaging and intellectually stimulating web-based game designed to test participants' problem-solving, logical reasoning, and technical skills. The event was conducted through an interactive platform developed using HTML, CSS, and JavaScript, providing participants with a dynamic and immersive gaming experience. The competition witnessed enthusiastic participation from students who formed teams and competed in a series of challenging technical rounds.

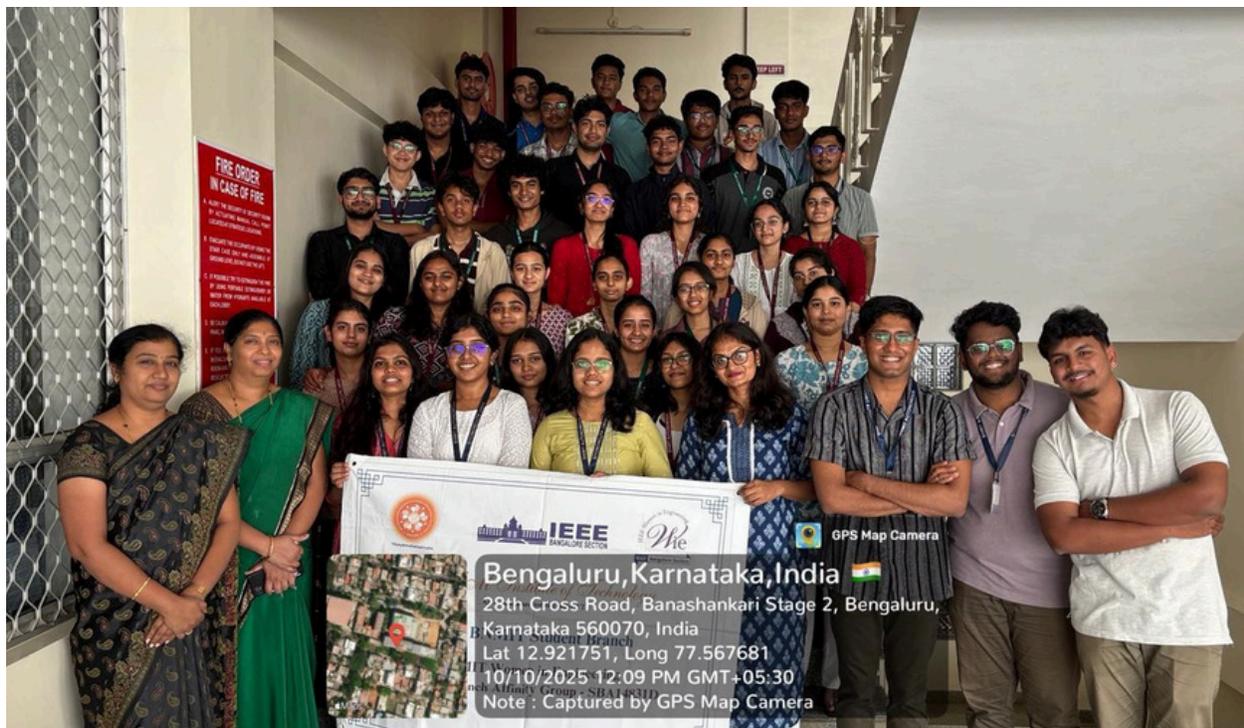
The game consisted of multiple stages, each designed to assess different aspects of analytical thinking and programming knowledge. Participants encountered a variety of technical puzzles including binary sequences that needed to be decoded into ASCII text, logic riddles centered around engineering concepts, and debugging challenges involving C programming code. In the debugging rounds, teams were required to carefully analyze code snippets to identify and correct errors such as faulty loops, memory leaks, and logical mistakes.



To maintain excitement and collaboration, teams were organized into breakout rooms where they worked together to solve the puzzles within a limited time frame. Each successfully solved challenge unlocked the next clue, allowing teams to progress through the stages of the game. The time-bound format added an element of pressure that encouraged quick thinking, teamwork, and efficient problem-solving among participants.

The highlight of the event came during the final stage, where the solved clues revealed the message “WIE IS BEST – 2025.” This reveal served as a tribute to the spirit of Women in Engineering and symbolized the organization’s commitment to empowering and celebrating women in technical fields. The event successfully fostered collaboration, strengthened logical reasoning skills, and boosted participants’ confidence in coding and technical problem-solving.

Overall, the event was a vibrant and memorable experience for all participants. It not only provided an engaging platform for students to test and enhance their technical abilities but also aligned with IEEE’s vision of promoting inclusivity, innovation, and professional development. The success of the activity energized students and encouraged greater participation in future IEEE WIE initiatives and technical events.



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IEEE Women In Engineering Society Student Chapter

Report on Inside the Network: “Life of a Packet & Routing Fundamentals”

Event Title: Inside the Network: Life of a Packet & Routing Fundamentals

Date and Time: 25th Sept, 2025, 8:30 am to 09:45 am

Venue: Room A215, BNMIT Campus

Participants: 230 Participants

Resource Person: Ms Sanyukta S. Pawaskar

Attendees gained foundational knowledge of the TCP/IP model, data encapsulation, and the key differences between Layer 2 switching (MAC-based for LANs) and Layer 3 routing (IP-based for inter-networks). Demos covered ARP for address resolution, Ping for connectivity, and IPv4 addressing with subnet masks and CIDR, making abstract concepts tangible.

Hands-on CLI labs using Cisco Packet Tracer involved configuring static/dynamic routing (RIP, OSPF), VLANs, and troubleshooting issues like loops, with traceroute and Wireshark to trace real packet flows.

Workshop Overview:

a) TCP/IP Model The TCP/IP model includes four layers: the Application Layer (e.g., HTTP for web services), the Transport Layer (TCP for reliable, connection-oriented delivery and UDP for faster, connectionless transmission), the Internet Layer (IP-based routing of packets), and the Link Layer (handles physical transmission using Ethernet, Wi-Fi, 4G, satellite, etc.).

b) Switching vs. Routing Switching, at Layer 2, uses MAC addresses to forward data within a LAN via switches. Routing, at Layer 3, uses IP addresses to forward packets between networks, enabling communication across LANs or to the internet via routers.

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IEEE Women In Engineering Society Student Chapter
Report of Talk on “Building a Secure Financial Future”

Title of the Event: Talk on “Building a Secure Financial Future”

Date: 26th March, 2025 Venue: N Block, N-401, BNMIT

Organized by:

Time: 9.00 a.m. to 11:00 a.m.

IEEE Women In Engineering

No of participants:30

–BNMIT Student Branch Chapter and IEEE BNMIT Student Branch

Chapter B.N.M. Institute of Technology (Autonomous), Bengaluru

Overview :

This workshop focused on building long-term wealth and financial security through smart investing strategies, emphasizing allocating 30% of monthly income to diversified investments like stocks, mutual funds, and fixed deposits for compound growth. Participants learned essentials of life insurance as both protection and savings, alongside retirement planning with tools like SIPs, NPS, and EPF to create a corpus 25-30x annual expenses. Key takeaways included automating investments, building a 6-month emergency fund, and annual portfolio reviews to combat inflation, with real examples showing how early 30% investing from age 25 can multiply wealth significantly by retirement.

Event Proceedings:

1. **Workshop Theme and Focus:** The session centered on long-term wealth building and financial security via smart investing, stressing allocation of 30% monthly income to diversified assets like stocks, mutual funds, and fixed deposits to harness compound growth.
2. **Life Insurance and Protection:** Participants explored life insurance as dual-purpose for protection and savings, integrated with retirement strategies using SIPs, NPS, and EPF to build a retirement corpus 25-30x annual expenses.
3. **Practical Strategies:** Key advice included automating investments, establishing a 6-month emergency fund, and conducting annual portfolio reviews to outpace inflation.
4. **Real-World Impact:** Real examples illustrated how starting 30% investments at age 25 can exponentially grow wealth by retirement, motivating early action.
5. **Participant Engagement:** Attendees gained actionable insights through interactive discussions, equipping them with tools for sustained financial independence.

B.N.M. Institute of Technology

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IEEE Women In Engineering Society Student Chapter THINK ZAP World WIE Day Quiz

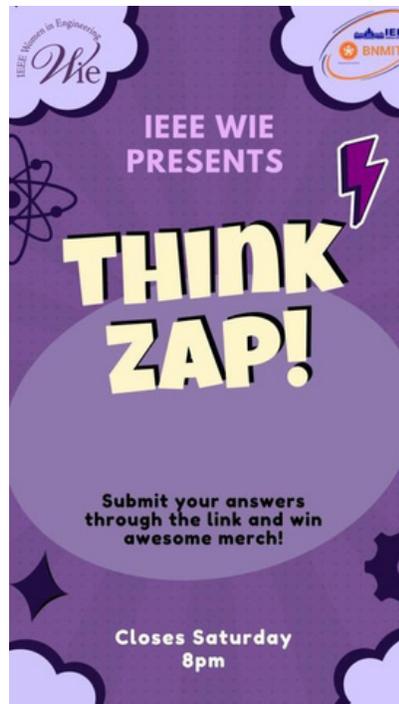
Event Date: 28/07/2025

Time: 3.00 p.m. to 4:30 p.m.

Venue: Online

Attendees: 50

The IEEE Women in Engineering (WIE) Student Branch of BNMIT organized an online quiz competition in celebration of World Women in Engineering Day, aiming to recognize and promote the remarkable contributions of women in science, technology, engineering, and mathematics (STEM). The event served as an engaging platform to spread awareness about the achievements of women engineers and scientists while encouraging participants to appreciate the importance of inclusivity and representation in technical fields.



The quiz featured a thoughtfully curated set of questions that blended topics on pioneering women in STEM with general knowledge related to science, technology, and innovation. Participants were challenged to identify influential female trailblazers, their groundbreaking discoveries, and their impact on engineering and scientific progress. The interactive and competitive format of the quiz created an exciting environment that kept participants actively engaged throughout the event.

Students from diverse backgrounds enthusiastically took part in the competition, showcasing their knowledge and quick thinking while learning about inspiring figures who have shaped the STEM landscape. The event not only tested participants' awareness but also served as an educational experience that highlighted the role of women engineers in driving technological advancements and societal progress.

Winners were selected based on both accuracy and response time, ensuring a fair and competitive evaluation of participants' performance. The top ten performers were awarded customized IEEE WIE-themed books as prizes in recognition of their excellence. These prizes served as a token of appreciation and encouragement for students to continue exploring and contributing to STEM disciplines.

The event successfully fostered a sense of community among participants while reinforcing the mission of IEEE Women in Engineering to support, celebrate, and empower women in technical careers. By combining learning with friendly competition, the quiz inspired greater interest in STEM fields and motivated students to actively participate in future IEEE WIE initiatives and events.



Title of the Event: “Managing Stress and Achieving Wellbeing”

Date: 26th March 2025, Venue: n Block, n-401, BNMIT

Organized by:

Time:3:00 PM to 4:30 PM

IEEE BNMIT Student Branch Chapter and IEEE Women In
Engineering

Participants: 50

– BNMIT Student Branch Chapter and B.N.M. Institute of
Technology (Autonomous), Bengaluru

Overview :

Managing Stress and Achieving Wellbeing The interactive session raised stress awareness by exploring its impacts on physical health (immunity, sleep) and mental states (focus, mood), introducing self-care routines like journaling, digital detoxes, and nature walks for daily resilience. Breathing techniques such as 4-7-8 and box breathing were demonstrated for instant calmness, paired with progressive muscle relaxation and guided visualizations to reduce cortisol. Peer support was encouraged through group discussions and buddy systems, fostering community accountability that doubles adherence to habits, helping participants sustain long-term wellbeing beyond the event.

Event Proceedings:

1. **Session Introduction and Awareness:** The interactive workshop kicked off by heightening awareness of stress's toll on physical health—like weakened immunity and disrupted sleep—and mental states such as focus and mood, setting the stage for practical resilience-building. **Self-Care Routines:** Participants discovered daily self-care practices including journaling, digital detoxes, and nature walks to cultivate ongoing resilience and wellbeing. **Breathing and Relaxation Techniques:** Hands-on demos covered instant-calming methods like 4-7-8 breathing and box breathing, alongside progressive muscle relaxation and guided visualizations to effectively lower cortisol levels. **Peer Support and Community:** Group discussions and buddy systems were promoted to build accountability, with evidence showing they double habit adherence for sustained long-term wellbeing. **Overall Impact:** Attendees gained actionable tools and community ties, empowering them to manage stress proactively beyond the session.
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Objective:

The workshop on "Managing Stress and Achieving Wellbeing" sought to raise participants' awareness of stress's profound effects on physical health—such as compromised immunity and sleep—and mental wellbeing, including focus and mood fluctuations, while introducing actionable self-care routines like journaling, digital detoxes, and nature walks to build daily resilience. Key objectives included demonstrating immediate stress-relief techniques, such as 4-7-8 breathing, box breathing, progressive muscle relaxation, and guided visualizations, to reduce cortisol and promote instant calmness. Ultimately, it aimed to foster peer support through group discussions and buddy systems, enhancing community accountability to double habit adherence and ensure sustained long-term wellbeing post-event.

Conclusion:

In conclusion, the "Managing Stress and Achieving Wellbeing" workshop equipped participants with vital insights into stress's far-reaching impacts and a toolkit of effective strategies—from self-care routines like journaling and nature walks to powerful breathing techniques such as 4-7-8 and box breathing, plus progressive muscle relaxation and visualizations—for immediate and lasting relief. By emphasizing peer support through group discussions and buddy systems, it cultivated a sense of community that boosts habit adherence twofold, empowering everyone to sustain resilience and thrive in their daily lives long after the session.

Event Images:



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IEEE Women In Engineering Society Student Chapter
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4. **Real-World Impact:** Real examples illustrated how starting 30% investments at age 25 can exponentially grow wealth by retirement, motivating early action.
5. **Participant Engagement:** Attendees gained actionable insights through interactive discussions, equipping them with tools for sustained financial independence.

Objective :

The workshop aimed to empower participants with practical knowledge on constructing long-term wealth and financial security through intelligent investing strategies, focusing on allocating 30% of monthly income to diversified portfolios including stocks, mutual funds, and fixed deposits to leverage compound growth. Objectives included elucidating the dual role of life insurance as both protection and savings, while equipping attendees with retirement planning tools like SIPs, NPS, and EPF to amass a corpus 25-30x their annual expenses. Additionally, it sought to instill habits such as automating investments, building a 6-month emergency fund, and performing annual portfolio reviews to counter inflation, illustrated by real-life examples demonstrating exponential wealth multiplication from early investing starting at age 25.

Conclusion :

This workshop illuminated a clear roadmap to financial independence, underscoring that disciplined investing—starting with 30% of monthly income in diversified assets—combined with life insurance, retirement tools like SIPs, NPS, and EPF, and prudent habits such as emergency funds and annual reviews, can transform modest beginnings into substantial wealth by retirement. Real examples vividly showed how early action from age 25 multiplies fortunes through compounding, outpacing inflation and securing futures. Participants left equipped to automate their financial journeys, fostering lasting security and prosperity for themselves and their families.

Event Images :

The poster is for an event titled "IEEE Women in Engineering, BNMIT". It is organized by BNMIT and features a talk on "Building a Secure Financial Future" by Mrs. Deena M., Senior Manager at HERC Life Insurance. The event is scheduled for 26/03/2025 from 2:30pm to 3:30pm at N-401, New Building Seminar Hall. The poster also lists the names and titles of the Chairman, Director, Additional Director, and Deans of BNMIT.

B. N. M. Institute of Technology
An Autonomous Institution under VTU.
27th Cross, 12th Main, Basahankal 2nd Stage, Bengaluru 560 075.

IEEE Women in Engineering, BNMIT

Organizes a Talk on
Building a Secure Financial Future

Date: 26/03/2025
Time: 2.30pm to 3.30pm
Venue: N-401, New Building Seminar Hall

Mrs. Deena M.
Senior Manager,
Learning & Development Dept.,
HERC Life Insurance

Sri. Narayan Rao R. Maanay
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