

IEEE - RURAL OUTREACH PROGRAM (STEM) KSRP GOVT. SCHOOL, MACHHE, BELAGAVI

The IEEE Student Branch (STB60136185) of the Department of Electronics and Communication Engineering at Visvesvaraya Technological University organized a Rural Outreach Program on 3rd July 2024 from 10:00 a.m. to 4:00 p.m. at KSRP Government School, Machhe, Belagavi. The initiative aimed to inspire and educate 80 school students through practical exposure to science and technology concepts under the broad umbrella of STEM (Science, Technology, Engineering, and Mathematics).

The program featured a variety of hands-on experiments, demonstrations, and interactive sessions to ignite curiosity and enhance learning. Key highlights included:

- * Blinking LED using LDR, demonstrating how light intensity can control electronics, introducing students to sensor-based systems.
- * Fire Detection System, showcasing the use of alarms and heat sensors for safety applications.
- * LED Traffic Light Model using Arduino, providing basic knowledge on microcontroller programming and traffic system automation.
- * Working Model of an RC Car, integrating electronic and mechanical components to demonstrate real-world applications of engineering.

Additionally, a Quiz Competition with 30 questions per class helped reinforce learning in a fun, competitive manner. Winners were awarded books, and all participants received pens as a token of appreciation. To balance academics with physical activity, the event also included games such as "passing the ball," promoting teamwork and engagement. The outreach program successfully created a stimulating environment for learning and creativity. Positive feedback from students and teachers emphasized its impact in motivating young minds towards science and innovation. The event underscored the importance of community engagement in education and set a strong precedent for future outreach efforts.





IEEE - TREASURE HUNT

The IEEE Student Branch (STB60136185) of the Department of Electronics and Communication Engineering at Visvesvaraya Technological University organized a thrilling Treasure Hunt on 23rd May 2024, from 2:00 p.m. to 4:30 p.m., in the Computer Lab of the ECE Department. The event witnessed enthusiastic participation from 15 teams comprising undergraduate and postgraduate students across various departments. Aimed at fostering teamwork and sharpening problem-solving skills, the event offered an engaging platform where participants had to decode scanner-based clues and riddles strategically placed throughout the department. These challenges tested both mental alertness and physical coordination, ensuring a dynamic experience.

The session commenced with a briefing by the IEEE Chairperson, followed by smooth execution under the guidance of dedicated volunteers and organizers. Participants navigated through various clue-based checkpoints in a timed environment, competing to crack the final code. The winning team—Omkar, Venkatesh, Sanjeev, Vivek, and Ganesh (B.Tech., 2nd Semester)—successfully solved all clues in the shortest duration and were felicitated with certificates and medals during the prize distribution ceremony held on 3rd July 2024. The Treasure Hunt stood out as one of the most engaging technical events at VTU, creating an atmosphere of excitement, learning, and collaboration. It was not just a contest, but a celebration of critical thinking, creativity, and team spirit. The success of the event highlighted the meticulous planning of the IEEE coordinators and the enthusiastic involvement of the students, setting a high benchmark for future events.





IEEE STUDENT BRANCH INAUGURATION AND BRANCH COUNSELLOR MEET

The Department of Electronics & Communication Engineering of Visvesvaraya Technological University (VTU), Belagavi in association with IEEE Bangalore Section and IEEE North Karnataka Sub-Section (NKSS) proudly organized the Inauguration of VTU-IEEE Student Branch and IEEE Branch Counselors Meet-01 on 23rd March 2024 at VTU Belagavi. Mr. Ravi Hosamani, the Chair of NKSS, delivered a warm and welcoming speech, setting the tone for the event and expressing gratitude to all present for their participation and support. Dr. Meghana Kulkarni, the branch counselor of the VTU IEEE SB and Chairperson, Department of ECE, VTU Belagavi briefed on VTU-IEEE Student Branch and VTU-IEEE Student Branch logo. All the dignitaries handed over the badges to the office bearers of the VTU-IEEE Student Branch.

Dr. Parameshchhari B D, Chair of IEEE Bangalore section SAC, shared insights into the role of IEEE Student Branches in shaping the future of technology and encouraged active participation from students. Dr. Suresh H. Jangamshetti, Hon'ble Vice Chancellor of Haveri University and Founder Chair of IEEE NKSS, delivered a motivational address, highlighting the importance of innovation and research in technological advancement. Dr. Srinivas T, Chair of IEEE Bangalore section, shared his vision for the collaboration between IEEE and VTU, encouraging students to actively engage in IEEE activities for their holistic development. Dr. Devendra Gowda, IEEE, Execom Member expressed gratitude to all dignitaries, Faculty members, and students for their participation and contributions towards making the Inauguration Ceremony a success.



