Report on Volunteering Experience at **ASME IMECE** 2025, India

T**he International Mechanical Engineering Congress and Exposition (IMECE)** 2025 is one of the most prestigious global technical events organized by the **American Society of Mechanical Engineers (ASME)**. For the first time, this international-level conference was hosted in India at the Hyderabad International Convention Centre **(HICC)**. **Vasavi College of Engineering** was selected to volunteer for this four-day event, and students actively participated throughout the entire duration, gaining valuable exposure to a large-scale international technical conference.

During the four days of **IMECE 2025,** student volunteers from **Vasavi College of Engineering** were assigned various responsibilities that contributed to the smooth conduct of the event. The roles included assisting in the registration process, managing delegates, guiding national and international participants within the venue, supporting speakers during technical paper presentation sessions, coordinating conference halls, maintaining session schedules, and assisting ASME coordinators. Through these responsibilities, students learned the importance of teamwork, discipline, time management, and professional conduct while working in a high-pressure and globally recognized environment.

IMECE 2025 hosted multiple parallel conferences, **keynote sessions, panel discussions,** and **technical paper presentations** covering a wide range of mechanical engineering and interdisciplinary domains. The event focused on innovation, sustainability, and advancements in engineering technologies. Major technical areas addressed during the conference included advanced manufacturing, design engineering, robotics and automation, heat transfer, fluid mechanics, energy systems, materials engineering, artificial intelligence applications in engineering, and aerospace and automotive technologies. Researchers from various countries presented their work, followed by interactive question-and-answer sessions, which highlighted current research trends and future technological directions.

Volunteering at **IMECE 2025** provided an excellent learning experience beyond classroom education. Students gained exposure to cutting-edge research and understood how international conferences are structured, including paper presentation formats, review processes, and technical discussions. Observing interactions between researchers and industry experts helped students understand the importance of innovation, research ethics, and interdisciplinary collaboration. The event also improved students' communication skills, confidence, and ability to interact with professionals from diverse cultural and academic backgrounds.

The conference offered valuable networking opportunities, allowing students to interact with professors, researchers, industry professionals, **ASME** officials, and fellow students from different institutions. These interactions inspired students to pursue higher studies, research activities, and active participation in future **ASME** events and competitions. The experience also motivated students to stay updated with emerging technologies and global engineering challenges.

Overall, the four-day volunteering experience at **ASME IMECE 2025** was highly enriching and memorable for the students of **Vasavi College of Engineering**. Being part of such a prestigious international event enhanced their technical awareness, professional skills, and global outlook. The experience reinforced the importance of teamwork, responsibility, and continuous learning, making **IMECE 2025** a significant milestone in their academic and professional journey.