



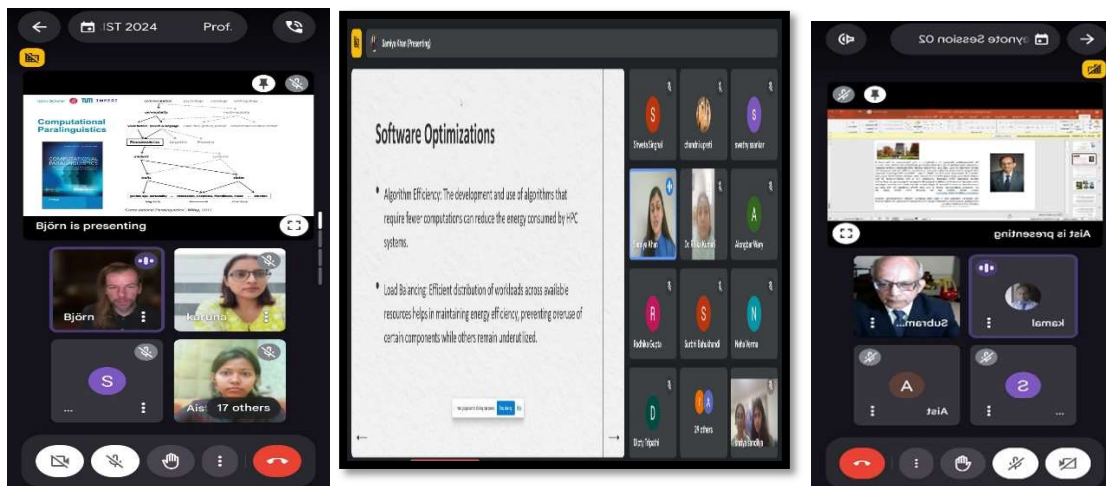
Indira Gandhi Delhi Technical University for Women
(Established by Govt. of Delhi vide Act 09 of 2012)
ISO 9001:2015 Certified University
Kashmere Gate, Delhi-110006

Women Education | Women Enlightenment | Women Empowerment

**6th International Conference on
Artificial Intelligence and Speech Technology
AIST 2024**



The **6th International Conference on Artificial Intelligence and Speech Technology (AI & Speech 2024)**, held on November 13-14, 2024, at the **Indira Gandhi Delhi Technical University for Women (IGDTUW)** in Delhi, was a resounding success, bringing together a diverse group of researchers, academics, and professionals from around the globe. The conference provided a dynamic platform for exploring the latest innovations, trends, and challenges in the fields of artificial intelligence (AI) and speech technology. The inauguration of the conference witnessed the presence of Prof. Lalit K. Awasthi, the Hon'ble Vice Chancellor of Sardar Patel University, HP, as the Chief Guest, who highlighted the importance of AI in transforming education and industry. Dr. L. Venkata Subramaniam, Quantum India Leader at IBM, attended as the Guest of Honour and discussed the intersection of quantum computing and AI. The two-day event featured **55 technical papers** that delved into various cutting-edge topics, such as speech recognition, natural language processing (NLP), emotion detection, AI-driven healthcare applications, speech synthesis, and AI's potential for enhancing accessibility for people with disabilities. These presentations spanned both theoretical advancements and practical applications, highlighting the significant strides being made in the intersection of AI and human communication.



The conference was honored to host **distinguished keynote speakers**, each of whom brought invaluable insights from their respective fields. **Professor Bjoern Schuller** from **Imperial College London** shared his expertise on AI Insights into the Spectrum of Spoken Communication, while **Dr. Samiya Khan** from the **University of Greenwich** highlighted Powering Progress: Sustainable Solutions for Energy-Efficient High-Performance Computing. **Prof. Subramaniam Ganesan** from **Oakland University** focused on Embedded AI systems and applications., and **Dr. Omid Mahdi Ebadati** from **Kharazmi University** discussed the Strategic Sustainability in IT Architecture: Shaping the Future of Organizational Infrastructure. These sessions allowed participants to engage with real-world applications and deepen their understanding of how AI can transform industries such as healthcare, education, and customer service. The success of AI & Speech 2024 reflected the growing importance of these technologies in solving complex challenges and improving human-machine interactions.