



**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**

**7<sup>th</sup> International Conference on Artificial Intelligence and Speech Technology**

**AIST – 2025**

(supported by ANRF, Ministry of Science and Technology, GoI)



The 7<sup>th</sup> International Conference on Artificial Intelligence and Speech Technology (AIST-2025) was held on 27<sup>th</sup> and 28<sup>th</sup> November 2025 at Indira Gandhi Delhi Technical University for Women (IGDTUW), New Delhi, India. The conference was financially supported by ANRF (Anusandhan National Research Foundation), Ministry of Science and Technology, GoI.

The conference was organized with technical support from the IEEE Delhi Section and focused on the theme “Sustainable Intelligence: AI Solutions for a Resilient World.” AIST-2025 aimed to provide a global platform for researchers, academicians, industry professionals, and students to share innovative ideas and recent advancements in the domains of artificial intelligence and speech technology.

The inaugural session of **AIST-2025** was graced by eminent dignitaries from the Government of India. The **Guest of Honour** was **Shri Amiya Kumar Das**, Chief Executive Officer, Defence Production IT Division, Ministry of Defence, Government of India, who highlighted the role of artificial intelligence in strengthening national defence and technological self-reliance. The **Chief Guest** for the event was **Dr. Madan Mohan Tripathi**, Director General and Vice Chancellor, National Institute of Electronics and Information Technology (NIELIT), Ministry of Electronics and Information Technology (MeitY), Government of India. His address emphasized the importance of AI and speech technologies in digital governance, skill development, and inclusive technological growth.

AIST-2025 received an overwhelming response from researchers across the globe, with more than 1000 research papers submitted to the conference. After a rigorous peer-review process conducted by expert reviewers and technical committee members, 114 high-quality papers were selected for presentation. The selected papers reflected originality, technical depth, and relevance to current challenges in artificial intelligence and speech technology. This stringent selection process ensured that only impactful and innovative research contributions were presented, thereby maintaining the high academic standards of the conference.

AIST-2025 featured keynote addresses and invited talks by eminent researchers and industry experts from reputed national and international institutions. The **keynote speakers at AIST-2025** included several eminent academicians and industry experts. The conference featured keynote addresses by **Prof. Carolyn Rose** from Carnegie Mellon University, USA, **Dr. Goh Wei Wei** from Taylor’s University, Malaysia and Mr. Chirag Agrawal from **Amazon**, USA also delivered invited talks, sharing practical insights into real-world applications of artificial intelligence and Speech Technology. The keynote sessions focused on recent trends in deep learning for speech processing, multilingual and low-resource language technologies, conversational AI systems, and responsible use of artificial intelligence. These talks provided valuable insights into both theoretical developments and practical deployment of AI-based speech solutions.

The conference included peer-reviewed technical paper presentations, tutorials, and interactive sessions. Researchers from different countries presented their work on advanced algorithms, models, and applications related to artificial intelligence and speech technology. The accepted papers were planned for submission to IEEE Xplore and indexing in Scopus, ensuring wide visibility and academic impact for the contributors.

Participants of AIST-2025 included academicians, research scholars, postgraduate and undergraduate students, and professionals from industry. The conference offered excellent opportunities for networking, collaboration, and knowledge sharing among participants from diverse backgrounds. Young researchers benefited greatly from interactions with senior scientists and experts in the field.

Overall, AIST-2025 successfully served as a significant international forum for discussing recent innovations and future directions in artificial intelligence and speech technology. The conference highlighted the growing role of intelligent speech systems in building sustainable and resilient technological solutions. It concluded with a strong emphasis on collaborative research, ethical AI development, and continued innovation in AI-driven speech technologies.