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

Women Education | Women Enlightenment | Women Empowerment

8th International Conference on Artificial Intelligence and Speech Technology (AIST 2026)

Program Schedule- Inauguration Session

(26th November, 2026)

Time	Schedule
10:00 AM – 10:05 AM	Arrival of the Guests
10:05 AM – 10:15 AM	National Song and National Anthem followed by Lighting of Lamp
10:15 AM – 10:20 AM	Welcome of Guests
10:20 AM – 10:25 AM	Inaugural Address by Prof. Arun Sharma, Dean Academics Affairs and Organizing Chair, AIST 2026
10:25 AM – 10:30 AM	Presidential Keynote Address by Prof. Ranjana Jha, Hon'ble VC, IGDTUW and Patron, AIST 2026
10:30 AM – 10:35 AM	Address by the Guest of Honor
10:35 AM – 10:45 AM	Address by the Chief Guest
10:45 AM – 10:47 AM	Release of Conference Souvenir
10:47 AM – 10:50 AM	Presentation of Mementoes to the Guest
10:50 AM – 10:55 AM	Vote of Thanks by Prof A K Mohapatra, HoD – IT and TPC Chair AIST 2026
10:55 AM – 11:00 AM	National Song followed by National Anthem
11:00 AM – 11:45 AM	High Tea
11:45 AM onwards	Keynote Talks and Technical Paper Presentations

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Program Schedule

Day 1: 26th November, 2026	
Time: 12:00 PM – 12:30 PM Venue: Seminar Hall	**Keynote Address 1: Dr. Manas Kamal Bhuyan, IIT Guwahati, Assam, India** Generative AI for Multimodal Intelligence: Vision and Speech for Intelligent Systems
Time: 12:30 PM -01:45 PM Venue: Conference Hall	**Technical Paper Presentation 1:** **Speech Intelligence and Voice Generation Systems**
Time: 12:30 PM - 01:45 PM Venue: Seminar Hall	**Technical Paper Presentation 2:** **Human-Centric AI, Language and Speech Technologies**
Time: 01:45 PM - 02:15 PM	**Lunch**
Time: 02:15 PM – 03:00 PM Venue: Seminar Hall	**Keynote Address 2: Prof. Dr. Kathrin G. Kind, CEO, Qubit, Nexus.AI** The Quantum Phoneme: Leveraging Stochastic Superposition for Next-Generation Natural Language Understanding
Time: 03:00 PM – 04:30 PM Venue: Seminar Hall	**Technical Paper Presentation 3:** **Generative, Multimodal and Intelligent Speech Technologies**
Time: 03:00 PM – 04:30 PM Venue: Conference Hall	**Technical Paper Presentation 4:** **Speech Intelligence and Voice Generation Systems**
Day 2: 27th November, 2026	
Time: 10:00 AM – 10:45 AM Venue: Conference Hall	**Keynote Address 4: Prof. Navneet Goyal, Department of Computer Science, BITS-PILANI, India**
Time: 10:45 AM - 12:15 PM Venue: Seminar Hall	**Technical Paper Presentation 5:** **Speech Intelligence and Voice Generation Systems**
Time: 10:45 AM - 12:15 PM Venue: Conference Hall	**Technical Paper Presentation 6:** **Multilingual and Human-Centric AI Interaction Systems**
Time: 12:15 PM – 01:00 PM Venue: Seminar Hall	**Keynote Address 5:** **Mr. Nagendra Nagaraja, Founder, CEO and Chairman, QpiAI, India**
Time: 01:00 PM – 01:30 PM	**Lunch**
Time: 01:30 PM – 02:15 PM Venue: Seminar Hall	**Keynote Address 6: Prof. (Dr.) Anand Nayyar, School of Computer Science and Artificial Intelligence (SCA), Duy Tan University, Da Nang, Viet Nam** From Multimodal LLM to Human-level AI Modality, Instruction, Reasoning, Efficiency and Beyond
Time: 02:15 PM – 03:00 PM Venue: Seminar Hall	**Technical Paper Presentation 7: Multimodal, Resource-Aware and Applied Intelligence**
Time: 03:00 PM Venue: Conference Hall	**Valedictory Session**

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Technical Paper Presentation 1

26th November, 2026

Time: 12:30 PM -01:45 PM **Venue: Conference Room**

Sno	Paper ID	Paper Title
1	84	PrivSpeak: Deep Learning-based CNN architecture for Privacy-Preserving Speaker Recognition
2	185	TeleAPA: A Robustness Benchmark for Automatic Pronunciation Assessment under Teletherapy Transmission Conditions
3	192	Explainable AI for Speaker De-identification: Utility Preservation Without Privacy Gains
4	233	Comparative Analysis of Acoustic Feature Representations and Classical Machine Learning Algorithms for Bird Species Recognition
5	579	Empirical Evaluation of Output Representations and LM Fusion for Low-Resource Sanskrit ASR
6	637	Speaker and Corpus Independent Speech Emotion Recognition: An Unbiased Evaluation
7	642	TriVaani: Self-Transcript Tuning for Indic Speech Translation

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Technical Paper Presentation 2

26th November, 2026

Time: 12:30 PM -01:45 PM **Venue: Seminar Hall**

Sno	Paper ID	Paper Title
1	262	Building a Multi-Domain Spoken Hindi Dataset for Automatic Text Summarization
2	585	Explainability for Multilingual Failure in Audio Deepfake Detection
3	596	A Multilingual Speech-to-Indian Sign Language Translation System Using Fine-Tuned mT5 with Real-Time 3D Avatar Rendering
4	792	Speech-Based Parkinson's Disease Detection: A Comparative Study of Feature Selection, Oversampling and Machine Learning Classifiers
5	479	FedAgent-AVSR: Agent-Guided Adaptive Fusion for Federated Audio-Visual Speech Recognition
6	554	LLM-Assisted Speech-Aware Reversible Data Hiding in Encrypted Images
7	567	Bridging the Dialects Gap: A Cross-Paradigm Benchmark of Multi-Task Learning Against Zero-Shot Arabic LLMs for Hate Speech Detection

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Technical Paper Presentation 3

26th November, 2026

Time: 03:00 PM -04:30 PM **Venue: Seminar Hall**

Sno	Paper ID	Paper Title
1	624	Multimodal Speech Emotion Recognition with a PCA-Based Ensemble Classifier and a Matched Speaker-Leakage Analysis
2	653	Subject-Independent EEG Classification of Om Chant Listening via Wavelet Features and Channel Selection
3	740	Cross-Modal Attention Fusion of Pretrained Speech and Facial-Expression Embeddings for Speaker-Independent Emotion Recognition on RAVDESS
4	848	Explicit Grapheme-to-Phoneme Conversion for Hindi VITS: A Controlled Study of Phonemic and Graphemic Input
5	626	Cross-Lingual and Cross-Method Generalization Gaps in Audio Deepfake Detection: A Systematic Study on MLAAD-tiny
6	737	Generative AI and Speech Technology in Sustainable Healthcare Management: Policy Implications and Fraud Detection for Assisted Living

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Technical Paper Presentation 4

26th November, 2026

Time: 03:00 PM -04:30 PM **Venue: Conference Room**

Sno	Paper ID	Paper Title
1	51	Audio Splicing Forgery Detection: A Systematic Review of Detection Methods, Datasets, and Trends
2	53	Transfer Learning-Based Speaker Identification for Low-Resource Sylheti Speech Using ECAPA-TDNN Embeddings
3	202	Deepfake voice detection with Android application
4	223	Closing the Indic ASR Gap
5	228	Cross-Corpus Dysarthria Detection: A Calibration Perspective on Self-Supervised Speech Representations
6	581	A Multi-Model Deep Learning Framework for Deepfake Video Detection
7	616	Noise-Robust Speech Command Recognition Using MFCC Features and Machine Learning Classifiers
8	615	VoiceRAG-GOV: A Governance-Aware Framework for Explainable and Trustworthy Speech-Based Enterprise Decision Intelligence

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Technical Paper Presentation 5

27th November, 2026

Time: 10:45 AM - 12:15 PM **Venue: Seminar Hall**

Sno	Paper ID	Paper Title
1	635	Dysarthric Speech Enhancement by Phoneme Replacement
2	719	The Carbon Cost of Speech Recognition: Quantisation Does Not Help, Location Does
3	729	Cross Corpus Speech Emotion Recognition Using Explainable AI and MAML
4	741	Toward Text-to-Speech for Dhundhari: A Survey and Pivot-Based Morphological Adaptation Framework for a High-Density, Zero-Resource Rajasthani Dialect
5	806	An Accessible Bus Reservation System for Visually Impaired and Autistic People
6	822	DangauraSpeech: A Speech Corpus and Proximal Transfer Benchmark for Dangaura Tharu Automatic Speech Recognition
7	879	Acoustic-Based Alzheimer's Disease Detection from Spontaneous Speech: An Evaluation on the ADReSS 2020 Dataset
8	944	Confidence-Calibrated Risk-Aware ASR for Noisy Hindi--English Code-Switched Speech

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8th International Conference on Artificial Intelligence and Speech Technology (AIST 2026)

Technical Paper Presentation 6

27th November, 2026

Time: 10:45 AM - 12:15 PM **Venue: Conference Room**

Sno	Paper ID	Paper Title
1	27	DAWR: Dual-Stream Audio Word Recognition for Assamese Using MFCC-BiLSTM and Tiny Swin Transformer Fusion
2	49	KnightSpeak: An AI-Powered Multilingual Audio Chess Commentary System
3	587	BankAssist: A Multilingual Retrieval-Augmented Voice Assistant for Indian Banking Information Services
4	600	From Learners to AI-Supported English Teachers: Exploring English Communication Development through Multilingual AI Teacher Support (MATS) Model
5	774	ParkinsonXAI: An Explainable Voice-Based Machine Learning Framework for Parkinson's Disease Assessment and the Effect of Subject-Disjoint Evaluation
6	907	When Speaker Errors Become Attribution Errors: Measuring and Predicting the Downstream Cost of Diarization Failures in Multilingual Indian Speech
7	946	Breaking Language Barriers: Enhancing English-Hindi Translation with Transformer Models
8	954	Ṣaḍaṅga: A Six-Dimensional Interpretable Metric for Real-Time Assessment of Recited Speech

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Technical Paper Presentation 7

27th November, 2026

Time: 02:15 AM - 03:00 PM **Venue: Seminar Hall**

Sno	Paper ID	Paper Title
1	169	Emotion-Aware Adaptive Learning: Multimodal Emotion Recognition and Psycho-Affective Feedback Generation
2	449	Hierarchical Two-Stage Framework for Separating Genuine Speech from Human Mimicry and AI Synthesised in Hindi
3	466	Artificial Intelligence (AI)- and Natural Language Processing (NLP)-Based Toxicity and Hate-Speech Detection and Moderation: A Review of Recent Advances
4	575	AI-Based Multimodal Biometric Verification Using Face, Iris, and Voice.
5	618	BhashaSetu: An AI-Based Multimodal Framework for Multilingual Speech and Video Localization in Indian Languages
6	634	Uncalibrated Fusion, Overstated Confidence: An Evaluation-Practice Survey of Multimodal Voice Phishing Detection
7	788	PayPulse: An Inclusive Multi-Modal Digital Wallet for Universal Banking and Accessibility, Empowering Visually Impaired and All Users
8	803	Multimodal Emotion Detection System Using Face, Voice, and Text Analysis
9	966	When Does the Evidence Decide? Evidence-Equivalent Scenarios for Measuring Unsupported Certainty in Multimodal Reconstruction of Missing Speech