Gist of ICISDIKSA-2026 Conference

The International Conference on Intelligent Information Systems Design and Indian Knowledge System Applications (ICISDIKSA-2026) was organized by Madhav University, Sirohi, Sarvasumana Association, Bengaluru, and ACS College of Engineering, Bengaluru, and was scheduled for 8–9 January 2026. The conference brought together researchers, academicians, students and technology professionals to present interdisciplinary research in Artificial Intelligence, Generative AI, Natural Language Processing, Deep Learning, Computational Biology, Biomedical Applications, IoT, Nanotechnology, Digital Music and Indian Knowledge Systems. The conference schedule identifies Dr. T. Senthil Kumaran as Convener, with Dr. Mamataben Soni serving as moderator for the oral sessions. Conference

The programme commenced on 8 January 2026 at 9:00 AM with the welcome address by Dr. T. Senthil Kumaran, followed by a keynote lecture by Dr. Satish Sankaye on "Generative AI." The morning oral session, conducted from 10:15 AM to 12:15 PM, featured research covering gold nanoparticles for pollutant detection, Databricks and lakehouse architecture, Brazilian e-commerce analytics, Carnatic music pitch estimation, VOC-based lung cancer prediction, phytochemical analysis and diffusion-based virtual try-on systems. Conference

Following the lunch break, the afternoon programme began at 1:15 PM with a keynote by Dr. Deepali V. Sawane on "Natural Language Processing and Current Trends." This was followed by the major oral presentation session from 2:00 PM to 5:00 PM, covering speech emotion recognition, blood-cell image analysis, Green AI, LLM-based email assistance, IoT-enabled women's safety, computational drug screening and digital inclusion in higher education.

A major highlight was the presentation by Tanisha Chakraborty, Amita Zodpe and Dhanalakshmi G, *"Computational Screening of Psidium guajava and Carica papaya Phytochemicals for Anti-Gout Activity via Xanthine Oxidase Inhibition,"* which received the First Prize. The Second Prize went to Oral Roberts Nithiprakasam and S. Revathi for *"Data Augmentation Techniques for Convolutional Neural Network–Based Vocal Pitch Estimation in Carnatic Music."* Two presentations received Third Prize recognition: Saikiran Gogineni, Yuvaraju Chinnam, Kanaka Durga Returi, Vaka Murali Mohan and G. Suryanarayana for *"Capturing Subtle Morphological Differences in Blood Cells with Involution-Based Networks,"* and Sudara T.S.M., S. Revathi, V. Muthupriya and R. Akila for *"AI-Powered Email Summarization and Assistant System for Internship and Job Offer Management using LLMs."*

These presentations exemplified the conference's emphasis on applying intelligent computational techniques to healthcare, cultural heritage and practical information-management challenges. The blood-cell and LLM studies were scheduled in the 2:00–5:00 PM oral session.

The conference also recognized two Appreciation Award contributions. Deborah Sabhan, V. Manonmani, P. S. Rajakumar, G. Gunasekaran, Sai Shanmuga Raja and K. Amuthanantham were appreciated for their work on *"Synthesis and Characterization of PEG-Stabilized Gold Nanoparticles for Sensitive Detection of Water Pollutants and Volatile Organic Compounds in Biomedical Applications."* Manonmani Vadivel, Devi Chokkalingam, S. Balamurugan, R. Priyadharshini, V. Cyril Raj and S. Pushpavanam received appreciation for *"A Comprehensive Review on Breath Analyzer as a Point-of-Care Device for VOC-Based Lung Cancer Risk Prediction using Deep Learning."* Both topics demonstrate the conference's strong biomedical and environmental orientation.

The programme concluded with a keynote by Chief Guest Prof. Dr. Gustavo Zubieta-Calleja, titled *"The Biological Laws of Adaptation,"* from 5:00–5:45 PM, followed by the Valedictory Session and announcement of winners. Conference Schedule ICISDIKSA-2… Overall, ICISDIKSA-2026 provided a valuable interdisciplinary platform demonstrating how intelligent technologies can address challenges in healthcare, drug discovery, environmental monitoring, cultural preservation, education, IoT and professional applications, while creating opportunities for academic exchange and research collaboration.