

**Cybernetic and human engineering achievers.**



APRIL 2026-27

# NEWSLETTER



## IN SHORT

the internal testing and evaluation of "SpeechNova," an offline-capable speech-to-speech translation and tutoring system. helped learner improve the system's performance and real-world usability

## LEARNING

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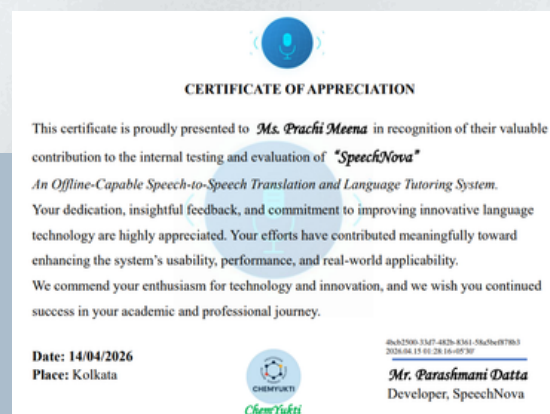
## APPLICABILITY

SpeechNova serves as a vital tool for offline communication and language learning, reducing barriers in environments without internet access

## SPEECH NOVA TESTING

Vol.2

Prachi Meena (XII) successfully completed the internal testing and evaluation of "SpeechNova"—an innovative, offline-capable speech-to-speech translation and language tutoring system. This project enhanced the system's usability and performance, ensuring its effectiveness in real-world applications.



## IN SHORT

Siri has successfully revolutionized student engagement by transforming complex subjects and core academic concepts into immersive, game-based learning experiences.

## LEARNING

It helped Learners capabilities in computational thinking, and technology integration

## APPLICABILITY

**Improves Engagement:** Students participate more actively when concepts are taught through challenges, rewards, and interactive gameplay.  
**Enhances Concept Retention:** Learning through application and repetition in games helps students remember concepts for longer periods.

## GAMIFIED LEARNING ACHIEVEMENT

Siri has successfully revolutionized learning by transforming subject-specific topics and core concepts into highly engaging game-based experiences. This innovative approach blends education with interactive gameplay, making learning more immersive, enjoyable, and effective. By introducing a new dimension of concept-driven learning, Siri has created an impactful model that enhances student participation, strengthens understanding, and redefines the traditional learning experience.



## IN SHORT

Through chemyukti platform learners get opportunity to learn the art of storytelling from Nikita an IIT graduate

## LEARNING

Learners developed the ability to transform ordinary information into engaging and impactful narratives through the integration of creativity and technology, thereby enhancing creative thinking and communication skills.

## APPLICABILITY

Storytelling is a vital 21st-century skill used across business, leadership, marketing, entrepreneurship, and digital communication.

It helps in presenting ideas more effectively, influencing audiences, and strengthening communication.

# TECHNOLOGICAL STORYTELLING SESSION

Through Chemyukti platform, learners received the remarkable opportunity to learn the art of data storytelling from Nikita, an accomplished IIT graduate. Known for transforming ordinary sentences into compelling and impactful narratives. The session provided students with valuable exposure to expert insights, innovative thinking, and real-world communication skills.



## IN SHORT

developed an innovative, real-time application that delivers highly personalized gift recommendations. Driven by advanced algorithms

## APPLICABILITY

Has strong potential for large-scale implementation in the e-commerce and gifting industry.

Enhances customer experience and engagement through personalized recommendations.

Reduces decision fatigue by providing customized gifting suggestions.

Contributes to higher customer satisfaction and improved customer retention.

Supports businesses in increasing sales through smarter recommendation systems.

# VELVET

Khawaish developed an innovative real-time gifting application that leverages advanced algorithms to deliver highly personalized gift recommendations based on occasion, budget, age group, and user preferences. The platform enhances user experience by providing smart, customized gifting solutions tailored to individual needs and emotions.

