Sri MANAKULA VINAYAGAR
Medical college and Hospital
An autonomous institution

Institution's Innovation Council

IIC- SELF DRIVEN ACTIVITY

Ministry of Education's INNOVATION CELL (GOVERNMENT OF INDIA)

EXPERT TALK

Title: Artificial Intelligence in Speech Therapy

Date & Time: 16th July 2025 & 10:00 AM – 12:00 PM

Organizing Department: Department of Otorhinolaryngology

Coordinator: Dr. Poongkamali J Assistant Professor, Dept. of ENT, SMVMCH

Objectives:

- To introduce the concepts and applications of Artificial Intelligence (AI) in the field of Speech Therapy.
- To sensitize students and faculty about the emerging trends and technological innovations in speech-language pathology.
- To encourage interdisciplinary collaboration between ENT specialists and speech-language pathologists.
- To motivate students and researchers to explore AI tools for clinical and academic advancements.

Guest Speaker:

Ms. Lakshmipriya S M
Assistant Professor, Department of Speech-Language Pathology
School of Rehabilitation and Behavioral Sciences
Vinayaka Mission's Puducherry Campus, Puducherry

Participant Details: 70

Undergraduate Students: MBBS students from SMVMCH

Postgraduate Students: PGs from Department of ENT and Pediatrics

Faculty Members: Faculty of ENT Department

Programme Overview:

The session commenced with a welcome address by the IIC coordinator, followed by the introduction of the esteemed guest speaker. Ms. Lakshmipriya S M delivered an insightful and interactive two-hour expert talk on the theme "Artificial Intelligence in Speech Therapy."

Her session covered:

The fundamentals of AI and machine learning relevant to speech therapy.

Real-world AI applications in diagnosis and rehabilitation of speech and language disorders.

Demonstration of AI-based tools and software currently in use.

Future potential and ethical considerations in integrating AI into clinical practice.

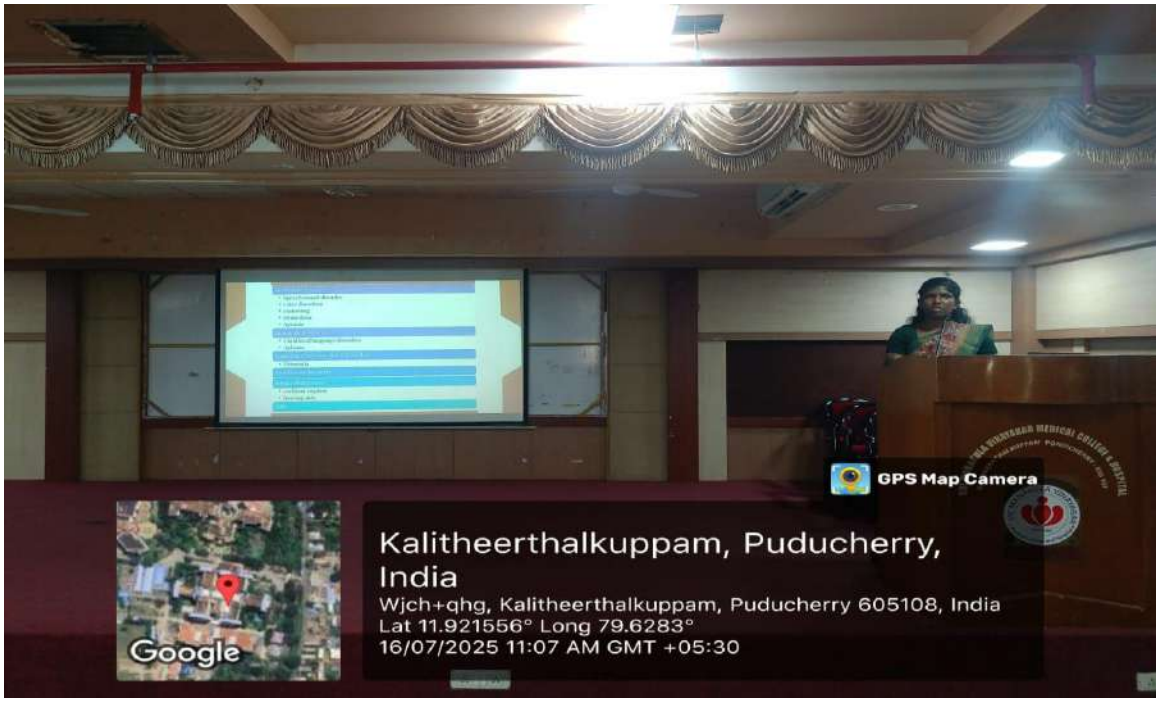
The session included a Q&A segment, which fostered interdisciplinary discussion among students and faculty.

Outcomes:

- Participants gained awareness of how AI can revolutionize traditional practices in speech therapy.
- Students and faculty understood the role of AI in enhancing diagnosis accuracy and therapy outcomes.
- The session encouraged collaborative interest between ENT specialists and speech-language pathologists.

Conclusion:

- Plans to conduct hands-on workshops and collaborative research activities between the Departments of ENT and Speech-Language Pathology.
- Proposal to integrate AI-based modules in the curriculum for speech and ENT trainees.
- Recommendation for regular expert sessions on emerging technologies in healthcare.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