

Faculty	<p>Miss. Rajani Kumari Inapagolla</p> <p>Assistant Professor</p> <p>Artificial Intelligence & Data Science</p> <p>East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Rajani Kumari Inapagolla is an accomplished educator and researcher with 14 years of extensive teaching experience . She has recently submitted her Ph.D. thesis, focusing on cutting-edge developments in Speech Processing based on Deep Neural Networks. A dedicated instructor, she has taught a diverse range of foundational and advanced programming languages, including Python, Java, and C programming. Beyond the classroom, she actively mentors the next generation of engineers, guiding numerous student projects to success, including a prominent student team that secured a coveted spot in a prestigious hackathon under her direct mentorship.</p> <p>In recognition of her academic excellence and dedication to teaching, she has been honored with the Best Faculty Award. An active contributor to the global research community, Rajani Kumari has published papers in Scopus-indexed journals, including a high-impact, highly-indexed publication, alongside papers in Ugc Care journals. Reflecting her standing in the academic community, she also serves as an official reviewer for the prestigious Springer journal, Multimedia Tools and Applications, a role she has held continuously since 2024.</p> <p>Publications</p> <ul style="list-style-type: none"> • Published paper in SCOPUS journal of “Journal of Research Innovation and Technologies”, “ Overcoming Vocal Similarities in Identical Twins: A Hybrid Deep Learning Model for Emotion-Aware Speaker and Gender Recognition.”, in April 2025. • Published paper in SCOPUS journal of “ International Journal of Computational and Experimental Science and Engineering”, “ International Journal of Computational and Experimental Science and Engineering”, in Feb 2025. • Published paper in SCOPUS Journal of IJISAE, “ International Journal of Intelligent Systems and Applications in Engineering”, “ Designing Highly Secured Speaker Identification with Audio Finger printing using MODWT and RBFNN” in Feb 2024 . • Published paper in International Journal of Enhanced Research in Science, Technology & Engineering on Life Saving System and Theft Alert with Speech Recognition in Volume 12, Issue 11, Nov. 2023. • Published paper in international journal of IJCET volume 10 in april 2020 on topic automatic life saving system using GSM and GPS Technology, pages 01-07. • Published paper in international journal of IJERT volume 02 in june 2013 on topic design and development of modern vigilance control system, pages 34-39. • Published paper in international journal of IAEME in volume 04, august 2013 on topic a new method of preventing accidents in railways using

microcontroller based on GSM and GPS technology, pages 272-282.

Achievements/Awards/Recognitions

- Serving as an active peer reviewer for Springer journals since October 2024, evaluating manuscript quality and contributing to the academic integrity of the publication.
- Conducted 2 days workshop on MATLAB using simulation.
- Gave webinar on IOT and digital transformation.
- Certified under training on AVR controller programming with microchip academy under Eduskills India Pvt. limited.
- Guided students for projects and selected one of the students for hackathon 2020 as an intern under USA Company.
- Participated in 2 days workshop on IOT and embedded systems.
- Participated in 5days work shop on leadership and governance organized by IQAC from 8 th May to 12th May 2023.
- Participated in 7days workshop on Developing faculty members as academic leaders organized by IQAC from 3rd July to 8th July 2023.
- Certified on courses of NPTEL on research methodology and introduction to research in 2022.
- Participated in FDP on machine learning in practice conducted by LBRCE from 19th june-24th june 2023.
- Participated in FDP on communication and signal/image processing conducted by Aditya college of engineering from 10th July-15th July2023.
- Attended 2days work shop on MATLAB using simulation.
- Participated in FDP on Python programming for engineering applications conducted by ICT,GITAM from 28-jul-2025 to 08-aug-2025.
- Participated in FDP on Semiconductor devices circuits and sensor applications and research perspective conducted by ICT,GITAM from 09-june-2025 to 20 june 2025.
- Participated in FDP on GEN RAG retrieval augmented generation FDP conducted by Excel R from 8-sep 2025 to 12 sep 2025.
- Participated in FDP on IOT internet of things Conducted by EPCET from 29 dec 2025 to 3 jan 2026.
- Attended Webinar on VM ware cloud director allocation models Conducted by koeing on 21 aug 2025.
- Attended Webinar on Strategies for a successful business career Conducted by coreEL on 7 sep 2025.