

CURRICULUM VITAE

Personal data

Dr. Sushmitha Sajeevu
Assistant Professor
Department of Artificial Intelligence and
Machine Learning
Ahalia School of Engineering & Technology



Education

Doctorate Degree

Ph.D. – NIT Calicut

PG degree

M.Tech- Government Engineering College Thrissur

UG degree

B.Tech -Rajagiri School of Engineering and Technology

Research focuses/Title of dissertation

Machine Learning, Signal Processing

Title: Design and Implementation of low complexity reconfigurable Pascal structure based continuously variable bandwidth filter.

Teaching

Since June 2026 : Assistant Professor, Department of Artificial Intelligence and Machine Learning, Ahalia School of Engineering & Technology, Palakkad

Aug 2024 to May 2026: Assistant Professor (Adhoc), NSS College of Engineering, Palakkad

Recent Journal Publications

Sajeevu, S., Vellaisamy, S. (2024). Hardware Efficient Reconfigurable Digital Hearing aid using Pascal Structure. Journal of Signal Processing Systems 96, 431– 447
<https://doi.org/10.1007/s11265-024-01927-6>

Resource person:

Paper presentation: International-4, National-0

Guest lecture delivered: 0