

**G. ANUSHIYA RACHEL**

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 Karunya Institute of Technology and Sciences
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RESEARCH/TEACHING INTERESTS

Speech Technology (Text-to-Speech Synthesis, Automatic Speech Recognition, Estimation of Features, Prosody Modification), Signal Processing, Machine Learning

EXPERIENCE

- Assistant Professor, Dept. of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India: June 2019 – present.
- Senior Research Fellow, Speech Lab, SSN College of Engineering, Chennai, India: April 2018 – March 2019.
- Project Officer (projects funded by MeitY (Govt. of India), Tamil Virtual Academy, Chennai, Murasu Systems Sdn Bhd, Malaysia), Speech Lab, SSN College of Engineering, Chennai, India: July 2012 – March 2018.

EDUCATION

Degree	Branch / Specialization	Institution/University	Class	Mode	Year of Passing
Ph.D.	Information and Communication Engineering, Speech Processing	SSN College of Engineering, Chennai, Anna University	-	Full Time	2019
M.E.	Applied Electronics	SSN College of Engineering, Chennai, Anna University	First Class	Full Time	2012
B.E.	Electronics and Communication Engineering	Jerusalem College of Engineering, Chennai, Anna University	First Class with Distinction	Full Time	2010

PUBLICATIONS:

Year	International Journal Publications	International Conference Publications	National Conference publications
2012 - 2021	5	14	2
Complete list: Google Scholar: https://scholar.google.co.in/citations?user=3TLVALAAAAAJ&hl=en Research Gate: https://www.researchgate.net/profile/Anushiya-Gladston-2/research			

RESEARCH PROJECTS

#	Title of the project	Agency	Duration
1	Real-Time Audio PLC using Inpainting	Samsung (Part of the PRISM program)	March 2021 – present
2	Development of a DNN-based Tamil Speech Recognition System using Transfer Learning	Karunya Institute of Technology and Sciences (Short-Term Research Grant)	July 2021 – present

NOTABLE AWARD/ACHIEVEMENT

First place in at the Indian Language TTS Development Challenge 2020, organized by IIT Madras and CDAC Mumbai, among 16 participants (11 companies and 6 educational institutions)