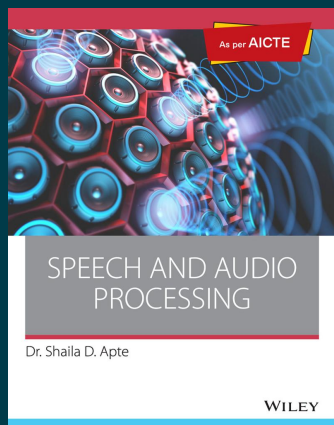


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## Speech and Audio Processing, As per AICTE

By Dr. Shaila D. Apte

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### • Description

Speech and Audio Processing is a text targeted towards the final year undergraduate Speech Processing course and PG students in ECE, CS, and IT streams. This book aims at explaining the basic concepts in a clear-cut and simplified manner. It begins with the human speech production mechanism and then goes on to the fundamental parameters of speech such as pitch frequency, formants, spectral features like log spectrum, 3-D spectrogram, cepstral features, MFCC, linear prediction coefficients, transform-domain parameters, template matching techniques, etc.

### • About the Author

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Dr. Shaila Dinkar Apte is currently working as a Professor at Rajarshi Shahu College of Engineering, Pune. She has formerly been an Assistant Professor in Walchand College of Engineering, Sangli, for 27 years; a member of the Board of Studies at Shivaji University and a Principal Investigator for a research project sponsored by the Armament Research and Development Establishment (ARDE)

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