	THEJUS ENGINEERING COLLEGE Vellarakkad (P.O), Erumappetty, Thrissur, Kerala, India - 680584	Form no: SD16 Rev: 00 dated 1/6/2022

CO-PO MATRICES

Course: **ECT456 SPEECH AND AUDIO PROCESSING** Year: **2022-23** Semester: **S8**

Faculty: **Ms. Remya Krishna J S** Batch: **KTU-2019-23** Class Strength: **10**

Course Outcomes:

COs	At the end of the course the students will be able to:
CO1	Understand basic concepts of speech production, speech analysis, speech coding and parametric representation of speech and apply it in practical applications
CO2	Develop systems for various applications of speech processing
CO3	Learn Signal processing models of sound perception and application of perception models in audio signal processing
CO4	Implement audio compression algorithms and standards
CO5	Perform audio quality analysis

CO-PO Matrix:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3										2			
CO2	3	3	2									2			
CO3	3	3	2									2			
CO4	3	3										2			
CO5	3	3	2									2			

Remya Krishna J S
Faculty

Date: 06-03-2023

Dr. K Vijayakumar
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