

Speech Processing

Department Of Electronics & Telecommunication Engineering Orientation Program Report

The orientation program was inaugurated by Dr. Milind Shah, H.O.D EXTC FRC . Rodrigues institute of technology, vashi, navi Mumbai, Dr. K.T.V. Reddy, Principal, Terna Engineering College, and Dr. D. C. Sahani H.O.D. G.E, H.O.D. Dr R .C. Sethi, H.O.D. EXTC, Terna Engineering College, welcomed the experts and the participants.



The program was attended by representatives from various different colleges including ours.

After the Inauguration of the function Dr. K.T.V. Reddy delivered expert talk on 'Speech processing' .He explained the role of speech processing, synthesis and Analysis carried out on speech. He also gave an insight of the importance of the Subject to the audience. Later on Miss. Sindhu Reddy, Lect. EXTC, Terna engineering college, felicitated Dr. Milind Shah H.O.D EXTC FRC. Rodrigues institute of technology with bouquet of Flowers.

Dr. Milind Shah then elaborated his views on" speech processing "which Covered the following contents of the subject

- Introduction
- Speech production system
- Speech signal classification
- Time and frequency domain analysis of speech
- Short time speech processing

He also suggested the following list of experiments to be performed from University Syllabus point of view

- i) Recording of speech and observing its representation in time domain
- ii) Write a program to compute short-time energy & Zero crossing rate
- iii) Write a program to compute Zero crossing rate
- iv) Write a program to calculate pitch values based on autocorrelation
- v) Write a program to plot spectrogram of speech signal



In the panel discussion, the faculties of various colleges had a direct interaction with the experts. All the members agreed to share their views & thoughts on this subject during the course.

The Orientation program was concluded with distribution of certificates by Dr. R.C. Sethi, H.O.D. EXTC, vote of Thanks by the Mr. V.R. Kapure, Lect. EXTC & finally the national anthem.

Prof.R.C. Sethi
H.O.D. E & T

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