ASR ASSIGNMENT 1 RESULT

SUBMITTED TO –

PROF V. RAMSUBRAMANYAM

SUBMITTED BY -

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Accuracies :

MFCC :

With Energy Coeficient:

Frame Error Rate(no_components=64)	Phoneme Error Rate
85.67	87.033

Without Energy Coeficient

No Of Component	Frame Error Rate	Phoneme Error Rate(WER)
2	87	87.04
4	85.94	86.36
8	85.20	86.07
16	85.15	85.54
32	85.17	85.71
64	85.54	86.21
128	86.07	86.75
256	86.56	

MFCC_Delta:

With Energy Coeficient:

Frame Error Rate	Phoneme Error Rate
81.22	82.039

Without Energy Coeficient:

Frame Error Rate	Phoneme Error Rate
85.68	86.495

MFCC_DELTA_DELTA:

With Energy Coeficient:

Frame Error Rate	Phoneme Error Rate
80.77	81.657

Without Energy Coeficient:

Frame Error Rate	Phoneme Error Rate82.988
82.66	83.614