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 |