

DR. RAM MANOHAR LOHIA AVADH UNIVERSITY



Doctor of Philosophy

This is to certify that Arun Kumar Mishra
has been awarded the Degree of **Doctor of Philosophy**
in Physics
of this University in the year 2003

The Topic of his / her thesis was

"Speaker independent speech recognition using
hidden markov models"

Faizabad

Dated 13 FEB 2004

(Signature)
Vice-Chancellor