

ACOUSTIC FEATURES OPTIMIZATION FOR PUNJABI AUTOMATIC SPEECH RECOGNITION SYSTEM

Thesis submitted

in partial fulfilment of the requirements for the award of the degree of

DOCTOR OF PHILOSOPHY

in

Computer Science and Engineering

by

Virender Kadyan

(Roll No: 1410951014)

under the supervision of

Dr. Archana Mantri
Professor
Department of Electronics &
Communication Engineering
Chitkara University, Punjab

Dr. R. K. Aggarwal
Associate Professor
Department of Computer
Engineering
National Institute of Technology,
Kurukshetra, Haryana



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
CHITKARA UNIVERSITY
CHANDIGARH-PATIALA NATIONAL HIGHWAY
RAJPURA (PATIALA) PUNJAB-140401 (INDIA)
April 2018**