

P E R S O N A L D A T A

P E R V E Z A H M E D

E M A I L S

pervez.ahmed@rediffmail.com , shamanaqvi@rediffmail.com or pvz@ccis.ksu.edu.sa

T E L E P H O N E S

00966 503617085, 0091 9837472543

M A I L I N G A D D R E S S :

Software Engineering Department,
College of Computer and Information Sciences
P. O. Box 51178
King Saud University, Riyadh 11543
Kingdom of Saudi Arabia

P E R M A N E N T A D D R E S S :

C/O Software Technology Institute,
10-Alig Shopping Complex, Shamsbad Market,, Aligarh, 202002, UP, India.

H O M E A D D R E S S :

4/38 M. Badr Bag, Shamsbad Market, Aligarh, UP, India

E D U C A T I O N

1. Ph.D. Computer Sc., Concordia University, Montreal, Canada.
2. PGDCA¹, Computer Sc. Aligarh Muslim University, India.
3. M. Sc., Statistics, Aligarh Muslim University, India.
4. B. Sc. (Hon), Statistics, Phys. Maths., Aligarh Muslim University, India
Postgraduate Diploma in Computer Science¹

Ph. D. T H E S I S

T I T L E

Computer Recognition of Totally Unconstrained Handwritten Postal
Zip Codes

A B S T R A C T

In this research I developed a software system that can recognize totally unconstrained handwritten postal zip code images. The software system includes: image acquisition, image enhancement, zip code location and extraction from the digitized address, zip code image binarisation, Noise filtering, Character Image Extraction, Statistical Feature

Extraction, Structural Feature Extraction, and Multiple Classifier Combination modules.
The system was tested on the real life data set collected by the US Postal Services from dead envelopes.

S U B J E C T A R E A S

Optical Character Recognition (OCR), Digital Document Processing, Artificial Intelligence, Computer Vision, Pattern Recognition, Image Processing, Handwriting Analysis and Identification.

M E M B E R S H I P S

Life member, Computer Society of India (Since 1989).

Member, Pattern Recognition Society of India. (Since 2000).

Member, Association for Computing Machinery (1982-1992).

Member, IEEE Computer Society (Since 1982).