

**Embedding Advanced Evolutionary Computations
With Traditional Real Time Control
for Intelligent Control**

*A thesis submitted for award of the
Degree of*
DOCTOR OF PHILOSOPHY
in
Electrical Engineering

By
Dharmesh J. Shah



**ELECTRICAL ENGINEERING DEPARTMENT
FACULTY OF TECHNOLOGY & ENGINEERING
(KALABHAVAN)
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
VADODARA – 390 001
GUJARAT, INDIA
November - 2007**