

LIST OF PAPERS Based on the Research work

I: (Presented in National/International Conferences/Seminars)

1. S K Shah & I B Patel
 “Adaptive Fuzzy Logic controller for backlash compensation in discrete time control system”
 - National seminar (NICE 2001); Feb 23-24, 2001 at Cochin :Organised by: IETE_Cochin Centre
2. S K Shah & I B Patel
 “A two layered adaptive fuzzy logic controller for discrete time system for backlash compensation”
 - IQIRS2001 at I I T, Mumbai, Dec 26-28, 2001 organised by: IETE, Mumbai Centre.
3. Satish K. Shah, Ishwar B. Patel, Payal Talati
 “Adaptive Neural Observer-Estimator for nonlinear system(ID-184)”
 - National Conference on “Trends of Computational Techniques in Engineering (TCTE)” organized by: Sant Harchand Singh Longowal Central Institute of Engineering & Technology, Longowal during 15-16 October, 2004.
4. D J Shah, I B Patel & S K Shah
 “Design and analysis of Fuzzy Controller and Observer Based on Separation Principle”:
 - National seminar on “Embedded Systems and Emerging Trends”; Jan 29 -30, 2005 at Vishvesaraiya Auditorium, EME School, Vadodara . Organized by: IETE, Vadodara sub_ Centre..

II : (Under consideration for Publication in National/International Journals)

5. Prof. Satish K Shah & Ishwar B Patel
 - ❖ “Design and Development of a Graphical User Interface for Robust Adaptive observer based Neural Network estimator for optimal process control”
 6. Prof. Satish K Shah & Ishwar B Patel
 - ❖ “Simulation of Neural Network estimator for indirect vector controlled induction machine operations”
- ❖ *Sent to the institution of Engineers(I) for publication in ET division of their*