

## **Publications:**

### **International Journals:**

1. K Chatterjee ,Raj Kumar Grandhi, Dr B M Karan, “Automation in Galvanizing lines using intelligent controllers”, STEEL TIMES INTERNATIONAL, Published May 2005, Vol.4,.PP-36-41.
2. K.Chatterjee, T.Ghosh and B.M.Karan, “PI like Fuzzy Logic Control Strategy to Load Frequency Control of Interconnected Reheat Thermal System ”, Accepted to the International Journal of Power and Energy Systems, Canada.

### **International Conference:**

1. K.Chatterjee, T.Ghosh, B.M.Karan “*Software For Load Flow Simulation In a Power System Using Object Oriented Programming*”, Presented in the international conference of CERA-01, held at Roorkee, Feb21-23,2002.
2. K. Chatterjee, T. Ghosh, B.M. Karan, “*Neural Network Based Self-Tuning of Integral Controller for Automatic Generation Control*”, Published in the SCI 2003 Proceedings International Conference on Informatics and Systematics Florida, USA, June 2003.
3. K.Chatterjee, T.Ghosh and B.M.Karan, “*Fuzzy Logic Based Controller for Automatic Generation Control considering Generation Rate Constraints*”, published in the International conference on Power System –Challenges to Electric Utilities in the New Millennium, held at Kathmandu, Nepal during Nov. 3-5<sup>th</sup> ,2004.
3. K.Chatterjee, T.Ghosh and C.Srinivasea Rao , “*Design of Integral Controller for Automatic Generation Control in Deregulated Environment*””, Published in the International conference PEITSICON 2005,IEE (uk), calcutta branch, during Jan. 28<sup>th</sup> -30<sup>th</sup>,2005.

### **National Conference:**

1. K.Chatterjee, B.M.Karan “*Optimal Energy Saving by Capacitance-Inductance Switching In Power System*”, Presented in the conference of Energy Technologies for Sustainable Developments held at BIT, Mesra on Dec17-18, 1999.
2. K.Chatterjee, T.Ghosh, B.M.Karan, S. Paul “*Development Of a User Interface For Power System Education Software*”, Presented in the conference of SASESC-2000, held at Deyalbagh, Agra on March 4-5,2000.
3. K.Chatterjee, T.Ghosh, B.M.Karan, S. Paul “*Matlab In Power System Education Software*”, Presented in the Matlab India Millennium conference, held at Bangalore on Nov 15-17,2000.

4. K.Chatterjee, T.Ghosh, B.M.Karan "*Optimisation Of Gain Of The Integral Controller For Automatic Generation Control*", Presented in the national conference of Power 2002, held at Jharkhand IE(I), March,2002.
5. K.Chatterjee, T.Ghosh, Ch. Aditya N Prasad S Phani Prabhakar Rao "*Hybrid – Fuzzy Neural Network Approach For AGC* ", Presented in the national conference of Power-2002, held at B.I.T, Nov.1-2,2002.
6. K.Chatterjee, T.Ghosh, B.M.Karan "*A Comparative Analysis Between Developed Integral Controller and Fuzzy Logic Based Controller For Automatic Generation Control* ", Presented in the 12th national Power System conference of NPSC-2002, held at I.I.T, Kharagpur Dec.27-29th,2002.
7. K. Chatterjee, T. Ghosh, B.M. Karan "*Design of Dual Mode Switching for Automatic Generation Control*", Published in the Proceedings of the 27<sup>th</sup> National Power System Conference of NSC-2003, held at I.I.T, Kharagpur, Dec.17-19<sup>th</sup>, 2003, pp. 358-362.
8. K.Chatterjee, T.Ghosh, B.M.Karan, "Design of Dual Mode and fuzzy logic controller for load Frequency control", published in the 13<sup>th</sup> National Power System Conference of NPSC-2004, held at I.I.T., Madras during Dec. 20-22<sup>th</sup> ,2004.
9. K. Chatterjee, S.K.Ghosh, B.M. Karan "*Intelligent Controller for AGC*", Published in the 28<sup>th</sup> National System Conferense -2004 , held at V.I.T, Dec.16-18th, 2004, pp. 26-31.