



Dr. N Yadaiah

B.E (OUCE), M.Tech. (IIT KGP), Ph.D.

Professor & Registrar, JNTUH
SMIEEE, FIE, FIETE, MSSJ, MISTE
Electrical & Electronics Engineering

Areas of Interest:

1. Convener, TSEAMCET 2017 appointed by Telangana State Council for Higher Education.
2. Convener, TSEAMCET III - 2016 appointed by Telangana State Council for Higher Education.
3. Convener, TSECET 2016 appointed by Telangana State Council for Higher Education.
4. Member of Telangana Admission and Fee Regulation Committee. GO. Rt 307 dt 28/11/2015.
5. Convener, TSECET 2015 appointed Telangana State Council for Higher Education.
6. Regional Coordinator for Hyderabad Zone EAMCET 2014 appointed by Convener EAMCET 2014.
7. Member ECET committee for Year 2012 appointed by APSCHE.
8. Involved various committees at University level and College level.
9. Member of University Purchase committee member at University level (JNTUH)
10. Member of Task Force Committee of APSCHE for FFC visits (3rd phase of 2012-13).

1. Neural Networks
2. Fuzzy logic System
3. AI techniques to Power System and Drives Applications
4. Estimation Techniques
5. Fault detection Techniques
6. System Identification
7. Adaptive Control

Presently working on Real Time Systems, AI Techniques for Power Systems & Electric Drives, Signal processing Techniques such as wavelet transforms for fault detection problems in power system components.

N. Yadaiah received B.E. in Electrical Engineering from College of Engineering, Osmania University, Hyderabad, in 1988, M. Tech. in Control systems from Indian Institute of Technology (IIT) Kharagpur, in 1991 and Ph.D. in Electrical Engineering from Jawaharlal Nehru Technological University, Hyderabad, India in 2000. He is recipient of Meritorious State Teacher Award by the Government of Telangana in the year 2015, received Engineer of Year Award - 2014 of Institution of Engineers of India by Andhra Pradesh Chapter, Outstanding Reviewer Award of 2014 by Elsevier Publisher USA, awarded Young Scientist Fellowship (YSF) of Andhra Pradesh State Council for Science and Technology, in 1999. Currently he is Professor of Electrical & Electronics Engineering and Registrar JNTUH, Hyderabad. He was held various administrative positions: Principal of JNTUH College of Engineering (Autonomous) during 28th March, 2014 to 21st July, 2015.

Vice-Principal of JNTUH College of Engineering during April 2013 to March 2014, Head of EEE at JNTUH College of Engineering during September 2010 to September 2012 and also headed the EEE department at JNTU Anantapur College of Engineering during August 2008 to January 2010. Recently one project is awarded by DST of worth 51.6 lakhs and completed two research projects: (i) as a Principal Investigator, of worth 18.3 lakhs Design Robust observer based Intelligent A.C drive of AICTE and (ii) as Co-Investigator of ISRO in collaboration with University of Hyderabad.

He has 117 research publications in International/ National journals/conferences to his credit. He has chaired many sessions in International/National Conferences and delivered more than 40 guest Lectures/key note addresses. He is involved in various committees as a part of administration.

He has visited as visiting Professor to the Department of Electrical & Computer Engineering, University of Alberta, Canada towards collaborative research during May - August, 2007. Also he has visited USA, Malaysia, Thailand, Sweden, France and Italy as part of academic work and to present research papers in IEEE and other international Conferences.

He is Fellow of Institution Engineers (India), Fellow of Institution of Electronics and Telecommunications Engineers, Senior Member of IEEE, Life Member of Systems Society of India and Life Member of ISTE. He is editorial board member to Journal of Computer Science (India). He has guided Five Ph.D students and eight scholars are under progress.

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• Educational & Professional

• Academic Qualifications

- Ph. D. in Neural Networks and its applications Electrical Systems (Control Systems), JNTU (1995-2000)
- M.Tech in Control Systems, IIT Kharagpur with 8.32 CGPA (1989-1990)
- B.E. in Electrical Engineering, OU College of Engineering with First with Distinction (1984-1988)

• Professional Experience

• Industrial Experience

- Assistant Engineer, APSEB (1992 - 1992)

• Teaching Experience

- Lecturer, REC warangal (1991 - 1992)

• At JNTUH

- Professor, JNTU (2006 - Till Date)
- Associate Professor, JNTU (2001 - 2006)
- Assistant Professor, JNTU (1992 - 2001)

• Research

• Research Projects

- Design & Development of brain inspired intelligent controller to solve complex non-linear problems, funded by Department of Science and Technology - 5460000 (sanctioned in 2014 duration of 3 years)
- Investigation, Design and implementation of robust observer based vector control of ac machine, funded by AICTE - 1830000 (2005 - 2012)
- Investigation of Neural Network Techniques for Rocket Trajectory Estimation, funded by ISRO - 930000 (2003 - 2006)

• Books

- A chapter in Computational Intelligence in Systems and Control Design and Applications, Microprocessor Based and Intelligent Systems Engineering Volume 22, Kluwer academic publishers, 2000

• Publications

• International Journals

- Qutubuddin Mohammed , Narri Yadaiah, *Modeling and Implementation of Brain Emotional Controller for Permanent Magnet Synchronous Motor Drive*, International Scientific Journal Engineering Applications of Artificial Intelligence, Vol No.60, pp.193-203, Elsevier, 2017
- Premalatha K, Vasantharathna S, Thirumoorthi P, Yadaiah N, *Harmonic current compensation in self excited induction generator using active filter*, Istanbul University - Journal of Electrical & Electronics Engineering (IU-JEEE), Vol No.15(1), pp.1873-1881, 2015
- Thirumoorthi Ponnusamy , Yadaiah Narri, *Design of Current Source Hybrid Power Filter for Harmonic Current Compensation*, International Journal of Simulation Modeling Practice and Theory , ISBN No.(Impact Factor 1.951), Vol No.52, pp.78-91, Elsevier, 2015
- Shanmugasundaram, R Zakariah, K.M. , Yadaiah, N., *Implementation and Performance Analysis of Digital Controllers for Brushless DC Motor Drives*, IEEE/ASME Transactions on Mechatronics, Vol No.19, Issue No.01, pp.213-224, IEEE, 2014
- Thirumoorthi Ponnusamy and Yadaiah Narri, *Control of shunt active power filter using soft computing techniques*, Journal of Vibration and Control, ISBN No.1077546312464259, Issue No.doi:10.1177/1077546312464259, 28 November, 2012
- G. Venkataratnam, K. Ramakrishnaprasad, **N. Yadaiah**, *P. F Correction Control of 3- ϕ Induction Motor Drive through PWM Current Controlled Technique*, International Journal of Computer and Electrical Engineering, Vol No.4, Issue No.2, pp.236-241, April, 2012
- R. Shanmugasundaram, K. M. Zakariah, N.Yadaiah, *Effect of parameter variations on the performance of direct current (DC) servomotor drives*, Journal of Vibration and Control, ISBN No.10.1177/1077546312448080 (Available on line, Due for hard copy printing) (impact factor: 1.0), 14 June, 2012
- R. Shanmugasundaram, K. M. Zakariah, N.Yadaiah, *Modeling, Simulation and Analysis of Controllers for Brushless DC Drives*, Journal of Vibration and Control (Available on line, Due for hard copy printing), (impact factor: 1.0), ISBN No.10.1177/1077546312445200, 14 May, 2012
- P. Thirumoorthi, Jyothis Francis, **N. Yadaiah**, *Harmonic Current Compensation using Shunt Active Power Filter based on neural reference generator*, International J. of Engg. Research & Indu. Appls. (IJERIA), ISBN No.0974-1518, Vol No.5, Issue No.II, pp.129-142, May, 2012
- P. Thirumoorthi, Jyothis Francis, **N. Yadaiah**, *Active current Harmonic Compensation using Fuzzy Logic Controller*, International J. of Multidiscipl. Research & Advcs. in Engg., (IJMRAE), ISBN No.0975-7074, Vol No.4, Issue No.II, pp.371-386, April, 2012
- Thirumoorthi P, Yadaiah N, *Mitigation of Harmonic Current through Hybrid Power Filter in Single Phase Rectifier*, ACEEE Int. J. on Electrical and Power Engineering, Vol No.03, Issue No.01, Feb, 2012
- **N. Yadaiah**, Nagireddy Ravi, *Internal fault Detection Techniques for Power Transformers*, Intl. Journal on Applied Soft Computing, Vol No.11, pp.5259-5269, (impact factor: 2.1), 2011
- R. K Pongiannan, S. Paramasivam, **N. Yadaiah**, *Dynamically Reconfigurable PWM Controller for Three Phase Voltage Source Inverters*, IEEE Trans on Power Electronics, Vol No.26, Issue No.6, pp.1790-1799, (impact factor: 2.93), June, 2011
- R. Shanmuga Sundram, S. Nelliayappan, K. Mohammed Zakariah, N.Yadaiah, *Sensorless Control of Brushless DC Motor Using Modified Back-EMF Detection Technique*, Int. J. on Recent Trends in Engineering & Technology, ACEEE, Vol No.05, Issue No.02, pp.34-37, March, 2011
- R. K Pongiannan, S. Paramasivam, **N. Yadaiah**, *An Efficient VLSI Signal Processing for Power Electronic Converters*, International Journal of Electrical Engineering and Embedded Systems (IJEEES) , ISBN No.0975-4830, Vol No.2, Issue No.1, pp.7-15, 2010
- R. K Pongiannan, S. Paramasivam, **N. Yadaiah**, *FPGA Realization of an Area Efficient SVPWM Modulator for Three Phase Induction Motor Drive*, Intl. Journal of Power Electronics (IJPE), Inderscience, Vol No.2, Issue No.2, pp.176-199, 2010
- R. Shanmugasundaram, K. M. Zakariah, N.Yadaiah, *Low-Cost High Performance Brushless DC Motor Drive for Speed Control Applications*, International Journal of Electrical Engineering and Embedded Systems (IJEEES), ISBN No. 0975-4830, Vol No.2, Issue No.1, pp.59-64, 2010
- R. K Pongiannan, S. Paramasivam, **N. Yadaiah**, *FPGA in PE Converters and electric drives Control*, A review International Journal of Electrical Engineering and Embedded Systems (IJEEES), ISBN No.0975-4830, Vol No.2, Issue No.1, pp.29-58, 2010
- **N. Yadaiah**, B. L. Deekshatulu, L. Sivakumar, V.Sri Hari Rao, *Neural Network Algorithm for Identification of Parameters of A Dynamical Systems Involving Time Delays*, International Journal of Applied Soft Computing, Vol No.7, pp.1084-1091, (impact factor: 2.1), 2007
- **N. Yadaiah**, N. Venkata Ramana, *Linearisation of Multi-Machine Power System: Modeling and Control A Survey*, Electrical Power & Energy Systems, Vol No.29, pp.297-311, (impact factor: 2.073), 2007
- C. Venkatesh, **N. Yadaiah**, A. M. Natarajan, *Dynamic Source Routing Protocol Using Neuro-Fuzzy Logic Concepts for AdHoc Networks* GESTS (Global Engineering, Science, and Technology Society), Intl. Trans. on Computer Science and Engineering, Vol No.13, Issue No.1, pp.188-198, June, 2005
- C. Venkatesh, **N. Yadaiah**, A. M. Natarajan, *Dynamic Source Routing Protocol Using Fuzzy Logic Concepts for AdHoc Networks*, Academic Open Internet Journal, www.acadJournal.com, Vol No.15, 2005
- V.Sree Hari Rao, **N. Yadaiah**, *Parameter Identification of Dynamical Systems*, International Journal of Chaos, Solitons and Fractals, Vol No.23, pp.1137-1151, (impact factor: 1.267), 2005
- **N. Yadaiah**, V.Sri Hari Rao, *Neural Network Approach for the Control of Dynamical Systems*, Journal of Electronic Modeling, Vol No.26, pp.33-42, 2004
- **N. Yadaiah**, A Gang Dinesh Kumar, J.L. Battacharya, *Fuzzy Based Coordinated Controller For Power System Stability And Voltage Regulation Electric Power Systems Research*, Vol No.69, pp.169-177, (Impact factor : 1.396), 2004
- N.Yadaiah, L.Sivakumar, B.L.Deekshatulu, V.Sri Hari Rao, *Neural Network Architecture for Describing Nonlinear Input-Output Relations Electronic Modeling*, Vol No.24, Issue No.3, pp.48-61, 2002
- **N. Yadaiah**, M.Veera Chary, *Adaptive Controller for Peak Power Tracking of Photovoltaic Systems*, Int. Journal of System Analysis Modeling and Simulations, Vol No.42, Issue No.9, pp.1319-1334, September, 2002
- Veera Chary Mummadi, Narri Yadaiah, *ANN Based Peak Power Tracking for PV Supplied DC Motors*, International Journal on Solar Energy, Vol No.69, Issue No.4, pp.343-350, (Impact factor : 2.807), 2000
- **N. Yadaiah**, L. Sivakumar, B.L.Deekshatulu, *Parameter Identification via Neural Networks With Fast Convergence*, International Journal of Mathematics and Computers in Simulation (IMACS), Issue No.51, pp.157-167, (Impact Factor : 0.971), 2000
- **N. Yadaiah**, M.Veera Chary, *Neural network based maximum power controller for PV supplied DC seperately excited motor:-A dynamical analysis*, Int. Journal of System Analysis Modeling and Simulations (SAMS), Vol No.38, pp.371-382, 2000
- Goshaidas Ray, Narri Yadaiah, G. Durga Prasad, *Design of a load frequency regulator based on the Schur approach*, Electric Power Systems Research, Vol No.36, Issue No.3, pp.145-149, (Impact factor : 1.396) , 1996
- Goshaidas Ray, Narri Yadaiah, *Decentralized Control of Continuous time interconnected stochastic systems based on successive pole assignment Smart Materials and Structures, (U.K)*, Vol No.1, pp.269-274, (Impact Factor : 2.096), 1992
- R. Shanmugasundaram, K. M. Zakariah, N.Yadaiah, *Implementation and Performance Analysis of Digital Controllers for Brushless DC Motor Drives*, IEEE/ASME Trans. on Mechtrics (in press) (Impact Factor 2.83)
- R. Shanmugasundaram, K. M. Zakariah, N.Yadaiah, *Design and Digital Implementation of Non-Iterative Controller for Improved Performance of Typical BLDC Servo Systems*, International Journal of Power Electronics (IJPE), Inderscience, Int. J. Power Electronics, Vol No.3, Issue No.5, pp.510-526
- R. K Pongiannan, S. Paramasivam, **N. Yadaiah**, *FPGA Applications in Power Electronic Converter Control*, A Review IET Power Electronics (Accepted for publication).
- **N. Yadaiah**, R.K. Pongiannan, S. Paramasivam, *An Efficient FPGA based Sinusoidal PWM Controller for Three Phase Inverters*, Intl. Journal of Industrial Electronics and Drives (IJIED)

National Journals

- Nagireddy Ravi , Narri Yadaiah, *Discrete Wavelet Transforms based differential protection for power transformers*, The Electrical India, pp.172-176, National level Magnzine, July, 2015
- Nagireddy Ravi , Narri Yadaiah, *Wavelet Spectrum Energy Feature Extraction based fault detection Scheme for Synchronous Generators*, The Journal of CPRI, India, Vol No.10, Issue No.3, pp.491-500, September, 2014
- R. K. Pongiannan, **N. Yadaiah**, *FPGA applications in dc -ac converters: a single chip implementation of SPWM and SVPWM modulators*, Journal of Computer Science, ISBN No.0973-2926, Vol No.2, Issue No.3, pp.620-633, 2008
- R. K. Pongiannan, **N. Yadaiah**, *A Novel VLSI Architecture for Single Chip Space Vector Pulse Width Modulator used in Three phase Inverters*, National Journal of Technology, ISBN No.0973-1334, Vol No.1, Issue No.4, pp.61-74, 2008
- Pongiannan R.K, Yadaiah N, *Single Chip FPGA based Space Vector PWM Control IC for Three Phase Induction Motor Drive*, Journal of Computer Science, ISBN No.0973-2926, Vol No.1, Issue No.6, pp.428-437, Sep-Oct, 2007
- C. Venkatesh, A. M. Natarajan, **N. Yadaiah**, *Quality of Service (QoS) in Adhoc Networks Using Neural Networks*, ACCST (Arts, Commerce and Computer Science & Technology) Research Journal, India, Vol No.3, Issue No.3, July, 2005

International Conference

- Naresh. B, Vijay Kumar. K, Yadaiah Narri, *DTC of Induction Motor with Advanced SVM Strategies*, TENCON, Malasiya November 5-8, IEEE, 2017
- P Ramesh, N Yadaiah, *MRAC with Variable Adaptation Gain for First Order Systems*, TENCON, Malasiya November 5-8, IEEE, 2017
- Srikanth Malladi, N Yadaiah, *An Optimally tuned Modified Active Disturbance Rejection Controller for Power System Load Frequency Control*, TENCON, Malasiya November 5-8, IEEE, 2017
- Dusharla Venkata Sunil , Narri Yadaiah, *A Novel Improved Particle Swarm Optimization Frame Work for Reconfiguration of Radial Distribution System*, IEEE 17th International Conference on Environment and Electrical Engineering, Milan, Itali, June 6-9, 2017
- Dusharla Venkata Sunil , Narri Yadaiah, *An Expert System for Fault Location in Distribution Feeder Line*, IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017), SKR Engineering College, Nazarethpet, Poonamallee, Varadharajapuram, Tamil Nadu 600123, India, 1-2 August, 2017
- Md Qutubuddin ,N. Yadaiah, *Performance Analysis of Emotional Controller for Permanent Magnet Synchronous Motor Drive*, International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM), Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, T.N., India, pp.687-694, 6 - 8 May, 2015
- M. Srikanth ,N. Yadaiah, *Design and Analysis of Linear Active Disturbance Rejection Controller for AVR System*, International Conference on Industrial Instrumentation and Control (IIC), College of Pune, India, pp.771-776, May 28-30, 2015
- Md. Qutubuddin,N. Yadaiah, *Cognitive Modeled Intelligent Speed Controller For PMSM Drive*, 3rd International Conference on Cognition, Brain, and Computation, at IIT Gandhinagar, 5-7 Dec, 2015
- Malladi, S ; Yadaiah, N., *Co-ordinate tuning of PID parameters for dynamical systems*, Control Applications (CCA),, ISBN No.CCA.2013.6662929 , Vol No., Issue No., pp.1281-1286, IEEE, August, 2013
- Yadaiah, N. ; Malladi, S, *An optimized relation between T_i and T_d in Modified Ziegler Nichols PID controller tuning*, Control Applications (CCA),, pp.1275-1280, IEEE, August, 2013
- N. Yadaiah, M. Srikanth, *Design of Optimum relation between T_i and T_d in MZN PID controller Tuning*, (MSC 256) IEEE Multi-Conference on Systems and Control, Hyderabad, India, pp.1275-1280, August 28-30, 2013
- Thirumoorthy P, N. Yadaiah , Premalatha K, *Energy Management in a Long Range Hybrid MAV using DC-DC Boost Converter*, The 2nd International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (CRAMAV-2013), JNT University Hyderabad, India, ISBN No.9789351071693, pp.420-425, 21-23 November, 2013
- M. Srikanth, N. Yadaiah, *PID Control Tuning Algorithms*, The 2nd International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (CRAMAV-2013), JNT University Hyderabad, India, ISBN No.9789351071693, pp.178-185, 21-23 November, 2013
- Narri Yadaiah, Nagireddy Ravi, *Performance Enhancement of Dissolved Gas Analysis using ANFIS*, International Conference on Recent Trends in Power, Control and Instrumentation Engineering - PCIE2013, Hyderabad, India, Nov 08-09, 2013
- Narri Yadaiah, Nagireddy Ravi, *Fault Detection in Synchronous Generators Based on Independent Component Analysis*, International Conference on Frontiers in Intelligent Computing., Theory and Applications (FICTA 2012),Bhubaneswar Engineering College At-Paniora, NK Nagar, Pittapally Bhubaneswar-751054, Odisha, India. S.C. Satapathy et al. (Eds.): Proc. of Int. Conf. on Front. of Intell. Comput., ISBN No.10.1007/978-3-642-35314-7_33, Vol No.199, pp.285-292, Springer-Verlag Berlin Heidelberg 2013, 22-23 December , 2012
- P. Thirumurthy, N.Yadaiah, *Compact Active Filter to Compensate the Harmonics in Aero Electric Power System*, Intl Conf. on Recent Advances in Design, Development and operation of Micro Air Vehicles , JNTUH Campus, Hyderabad, India, 10-12 December , 2012
- R. K. Pongianann, M. Sathiyannatham, A. Prakash, M. Mubarak, N.Yadaiah, *Improved Fault Tolerant Control of Three Phase Voltage Source Inverters*, Intl Conf. on Recent Advances in Design, Development and operation of Micro Air Vehicles, JNTUH Campus, Hyderabad, India, December 10-12, 2012
- N Yadaiah, A.Suresh Kumar, M Maheswara Reddy, *DSP Based control of constant frequency and Average current mode of Boost converter for Power Factor Correction (PFC)*, International Conference on Advances in Power conversion and Energy Technologies, (APCET 2012), August 2 to 4, 2012
- R.Shanmugasundaram, K. M. Zakariaah, N.Yadaiah, *Selection and Control aspects Brushless DC Motors for Unmanned Aerial Vehicles*, Intl Conf. on Recent Advances in Design, Development and operation of Micro Air Vehicles, JNTUH Campus, Hyderabad, India, December 10-12, , 2012
- N. Yadaiah, Nagireddy Ravi, *Statistical Method for Fault Detection in Synchronous Generators*, International Conference on Computer Communication and Informatics (ICCCI -2012),Coimbatore, INDIA, Jan. 10-12, 2012
- N. Yadaiah, A. G. Dinesh Kumar, Dr. G. Tulasiram Das, *Design of Robust Intelligent Coordinated Controller for Power Systems Problems*, 11th Intl Conference on Hybrid Intelligent Systems, 2011 (sponsored by IEEE SMC), Malacca, Malaysia, pp.686-691, December 5-8, 2011
- N. Yadaiah, Nagireddy Ravi, *A New Protection Algorithm for Synchronous Generators Using Artificial Neural Networks*, 11th Intl Conference on Hybrid Intelligent Systems, 2011, (sponsored by IEEE SMC), Malacca, Malaysia, pp.625-629, December 5-8, 2011
- N. Yadaiah, Srikanth Tirunagari, Seshagiri Rao V, *Fuzzy Kalman Filter Based Trajectory Estimation*", 11th Intl Conference on Hybrid Intelligent Systems, 2011, (sponsored by IEEE SMC), Malacca, Malaysia, pp.566-571, December 5-8, 2011
- N.Yadaiah, Raju S. Bapi, Lakshman Singh, B. L. Deekshatulu, *DEKF Based Recurrent Neural Network for State Estimation of Nonlinear Dynamical Systems*, IEEE Conference on Recent Advances in Intelligent Computing Systems, RAICS-2011,Trivandrum,India, Sept. 22-24, 2011
- N Yadaiah, A.Suresh Kumar, Raju S.Bapi, M Roop Chandan, *State Estimation of Nonlinear System through Particle Filter based Recurrent Neural Networks*, IEEE Conference on Recent Advances in Intelligent Computing Systems, RAICS,Trivandrum,India, Sept. 22-24, 2011
- B. Naresh, M.Vijaya Kumar,N. Yadaiah, *GA-Based tuning of PI Controller*, IEEE Conference on Recent Advances in Intelligent Computing Systems,RACIS,Trivandrum,India, Sept. 22-24, 2011
- R. K Pongianann, P. Selvabharathi, N. Yadaiah, *FPGA Based Three Phase Sinusoidal PWM VVVF Controller*, Intl Conf. on Electrical Energy Systems (ICEES 2011),Chennai, pp.34-39, 3-5 January, 2011
- R. K Pongianann, S.Paramasivam, N. Yadaiah, *An Efficient VLSI Signal Processing for Power Electronic Converters*, ICRAES-10, January 8-9, 2010
- R.Shanmugasundaram, K. M. Zakariaah,N. Yadaiah, P. Tamil Selvi, *Fuzzy Logic Based Speed Controller for Permanent Magnet DC Servo Motor*, International Conference on Electronic Design and Signal Processing, ICEDSP held during 10-12, December, 2009
- R.Shanmugasundaram,N. Yadaiah, *Digital Implementation of Fuzzy Logic Controller for Wide Range Speed Control of Brushless DC Motor in Proc. IEEE*, International Conference on Vehicular Electronics and Safety, ICVES Pune , 11-12, pp.119-124, November, 2009
- R. Shanmugasundaram,N. Yadaiah, *Low-Cost High Performance Brushless DC Motor Drive for Speed Control Applications*, the International Conference on Advances in Recent Technologies in Communication and Computing, ARTCOM2009 , Kottayam, Kerala, which is organized by the Association of Computer Electronics and Electrical Engineers (ACEEE) and Technically Co-sponsored by the IEEE -Computational Intelligence Society., pp.456-460, October 27-28, 2009
- P. Thirumoorthy,N. Yadaiah, *Digital Control of Active Power Line Conditioner Based on Instantaneous Reactive Power Theory*, Intl. Conf. on Control, Automation, Communication Energy Conservation (INCACEC-09), pp.4-6, June 4-6, 2009
- R. K. Pongianann, S. Paramasivam, N. Yadaiah, *FPGA Applications in dc-ac Power Electronic Converter and Electric Drive System Control*, A Review Proc. of the Intl. conf. on Intelligent system control- ISCO-09, Coimbatore, India, February 6-7, 2009
- R. Shanmugasundram, N Yadaiah, C. Ganesh, K. J. Poornaselvan, *Compensator Design by Pole-Zero adjustment for a Typical Position Control System*, Intl. Conf. -ICIAF'08, Colombo,Srilanka, December 12-14, 2008
- P. Thirumoorthy,N. Yadaiah, *Switch Mode Active Power Filter to minimize the Effect of Harmonics through Current deduction*, POWERCON 2008,, Organized by IEEE PES,New Delhi, October 12-15, 2008
- R. K. Pongianann,N. Yadaiah, *FPGA Applications in dc-ac Converters for ac Drives*, A Review, Proceedings of the International conference on Intelligent system control- ISCO-08, Coimbatore, India, January 1-2, 2008
- Narri Yadaiah, Nagireddy Ravi, *Fault Detection Techniques For Power Transformers*, IEEE Industrial & Commercial Power System Technical Conference (I & C PS 2007) at Edmonton, Canada, May 6-10, 2007
- Pongianann R.K, Yadaiah N, *FPGA based Space Vector PWM Control IC for Three Phase Induction Motor Drive*, IEEE International Conference on Industrial Technology (ICIT2006), during December 15-17, 2006, pp. 2061-2066, Mumbai., ISBN No.IEEE International Conference on Industrial Technology (ICIT2006),Mumbai, pp.2061-2066, December 15-17, 2006
- N. Yadaiah, G. Sowmya, *Neural Network Based State Estimation of Dynamical Systems*, Intl. Joint Conference on Neural Networks, Vancouver,Canada., July 16-21, 2006
- N. Yadaiah,, N. Ravi Kumar, G. Tulasiram Das, *Comparison of Conventional, Fuzzy Logic and Neural Based HBPWM Current Controllers*, Intl. Joint Conference on Neural Networks, Vancouver,Canada, July 16-21, 2006
- N. Yadaiah , Laxman Singh, Raju S. Bapi, V. Shesagiri Rao, B. L. Deekshatulu, Atul. Negi, *Multisensor Data Fusion Using Neural Networks*, Intl. Joint Conference on Neural Networks, Vancouver, Canada., July 16-21, 2006
- Venkata Ramana N, Yadaiah Narri, *SMO based Fuzzy Logic Controller for Multi-Machine Power Systems*, Intl. Joint Conference on Fuzzy Logic (FUZZ-IEEE), Vancouver,Canada, July 16-21, 2006
- N. Yadaiah, P. Sai Srinivas, *Intelligent Decentralized Controllers for Multi Area Power Systems*, IEEE Conference on Industrial Electronics & Applications - 2006 (ICIEA2006), Singapore., May 24-26, 2006
- N. Yadaiah , A. Krishna Priya, G. Tulasiram Das, *Design of Neural Hysteris Band PWM Current Controller*, IEEE Conference on Industrial Electronics & Applications-2006 (ICIEA2006),Singapore, May 24-26, 2006
- N.Yadaiah, *Intelligent Controller for UPFC*, Intl. Conf. on Resource Utilization and Intelligent Systems (INCRUIS-2006), at Perundurai, Erode-638 052, India, January 4-6, 2006
- K. Rajesh , N.Yadaiah, *Fault Identification in AC Systems Using Wavelet Transform*, Intl. Conf. on Resource Utilization and Intelligent Systems (INCRUIS -2006) at, Perundurai, Erode-638 052, India., January 4-6, 2006
- Venkata Ramana N, Yadaiah Narri, *Intelligent Control of Multi-Machine Power Systems*, A Solution to Modeling Difficulties, Proc. Of IEEE/PES Transmission and Distribution Conference 2005: Asia Pacific,Dalian, China, August 14-18, 2005
- Rajesh K, Yadaiah Narri, *Fault Identification in Power Systems Using Wavelet Technique*, Proc.IEEE/PES Transmission and Distribution Conference 2005: Asia Pacific, Dalian, China., August 14-18, 2005
- N. Venkata Ramana, S. V. Jayaram Kumar,N. Yadaiah, *Conventional Methodologies for Modeling a Multi-Machine Power Systems*, Proc. of Intl. Conf. on Energy, Information Technology and Power Systems,PEITSICON, Kolkatta, pp.219-296, January 28-29, 2005
- N. V. Ramana, S. V. Jayaram Kumar, N. Yadaiah, *Control strategies for Transient Stability of Multi-Machine Power Systems-A Comparison*, Proc. of an Intl. Conf.on Power System Technology (POWERCON 2004),Singapore. , November 21 - 24, 2004
- S. Kumar Chenna, Yogesh Kr. Jain, H Kapoor, Raju S. Bapi,N. Yadaiah, A. Negi, V. Shesagiri Rao, B. L. Deekshatulu, *State Estimation and Tracking Problems: Comparison between Kalman Filter and Recurrent Neural Networks*, 11th International Conference on Neural Information Processing (ICONIP 2004) at Calcutta, pp.275-281, Springer: LNCS 3316, November 22-25, 2004
- N. YADAIAH, CH. V.S.R.K. BABU, J.L. BATTACHARYA, *Fuzzy Logic Controllers - An Application to power systems*, Proc. of IEEE SMC International workshop on soft computing in Industrial Applications, Binghamton, USA, pp.1-6, June 23-25, 2003
- N. Yadaiah, *Pattern recognition System Using Neural Networks*, Proc. of Intl. Conf. on Remote Sensing and GIS/GPS (ICORG),Hyderabad, INDIA. , 2001
- N. Yadaiah, M.Veerachary, *Adaptive Controller for PV Supplied Buck-Boost Converter*, Proc. of The Third IEEE International Conference on Power Electronics and Drives Systems (PEDS'99),Hong Kong, July 26-29, 1999
- Narri Yadaiah, M.Veera Chary, *Identification of Maximum Power Point Tracking for PV Supplied DC Motors through ANN'S*, Proc. of 2nd Intl. Conf. on "Identification in Engineering Systems", University of Wales Swansea, UK., March 29-31, 1999
- N.Yadaiah, M.Veera Chary, *Extraction of Maximum Power from PV Modules Using Neural Networks*, Proc. of Intl. Conf. on Energy Storage Technologies & Systems (ICOSTS),INDORE,INDIA, February 1-4, 1999
- N. Yadaiah, M.Veera Chary, *Neural network based maximum power controller for PV supplied DC seperately excited motor: A dynamical analysis*, Proc. of Intl. Symposium on Soft Computing in Engineering Applications (SOFTCOM'98),Athens, Greece , June 22-25, 1998

National Conference

- D.V. Sunil , N. Yadaiah , *Improvement of Power System Reliability using New Fault Location System*, 1st National Power Engineering Research Scholars' Meet (NPERSM) at IIT Madras, December 29 -30, 2015
- Md. Qutubuddin , N. Yadaiah , *Cognitive modeled intelligent controller for electrical drive*, 1st National Power Engineering Research Scholars' Meet (NPERSM) at IIT Madras, December 29 -30, 2015
- S. Sridhar, N. Yadaiah , K. Ramanjaneyulu, *A comparative study of total harmonic distortion in different level cascaded H-bridge inverters*, 38th National Systems Conference (NSC 2014), November 5-7, 2014
- Md Qutubuddin, S. Bapi Raju ,N. Yadaiah, *Design and Development of Emotional Controller for Permanent Magnet Synchronous Machine (PMSM)*, 38th National Systems Conference (NSC 2014), November 5-7, 2014
- J.L. Bhattacharya,N. Yadaiah, *Sliding mode controller for power system stability and voltage regulation*, 38th National Systems Conference (NSC 2014), November 5-7, 2014
- M.V.Srikanth ,N. Yadaiah, *A Hybrid PID Controller for Automatic Voltage Regulator System with Improved Disturbance Rejection*, 38th National Systems Conference (NSC 2014), November 5-7, 2014
- Narri Yadaiah, Nagireddy Ravi, *Soft Computing technique based Fault Detection for Power Transmission System*, 38th National Systems Conference (NSC 2014), November 5-7, 2014
- Narri Yadaiah , Nagireddy Ravi, *Discrete Wavelet Transform Based Differential Protection for Power Transformers*, 29th Indian Engineering Congress, The Institution of Engineers (India) Andhra Pradesh State Centre, 18-21 December , 2014
- R. Murali Krishna, Narri Yadaiah, *Economic Load Dispatch in Power System with renewable energy sources using differential evolution algorithm*, proc. National Conference on Emerging Trends in Power Systems,NCETPS-2013, Vasavi Engg. College, Hyderabad, pp.31-36, March 7-8 , 2013
- Narri Yadaiah, Nagireddy Ravi, *Fault Detection In Synchronous Generators Using Wavelet Transforms*, National Systems Conference,at Annamalai University, Annamalainaga, India, December 6-8, 2012
- Narri Yadaiah, Nagireddy Ravi, *Fault Detection In Synchronous Generators Using Principal Component Analysis*, National Systems Conference,at IIT Bhubaneswar, Bhubaneswar, India, pp.240-247, December 9-11, 2011
- B. Naresh,N. Yadaiah, *Intelligent systems approach to evaluate proportional-integral control parameters of DTC IM Drive.*, 1st National Conference on Special Electrical Machines and Systems (SEPS), Organized by BHEL (R&D), Hyderabad. , February 16-17, 2010
- N. Yadaiah, P. Sai Srinivas, *Fuzzy Based Decentralized Controllers For Multi Area Powaner Systems*, National Systems Conference at IIT Bombay, Mumbai, India., December 16-17, 2005
- N. Yadaiah, A. Krishna Priya, G. Tulasiram Das, *Simulation of Neural Network Based HBPWM Current Controller*, National Systems Conference,at IIT Bgombay, Mumbai, India. , December 16-17, 2005
- K. Rajesh, P. Murali,N. Yadaiah, *Fault Identification Using Wavelet Technique*, National Conference on VLSI, Embedded Systems, Signal Processing and Communication, VESCOM 2005,Perundurai, Erode, India., 8th April, 2005
- Narri Yadaiah, *Load Frequency Control through Artificial Neural Networks*, Proc. of National Conference on Fuzzy Logic and Neural Networks Applications in Electrical Engineering at NIT Warangal, INDIA. , September 24-25, 1999
- Narri Yadaiah , L. Siva Kumar, Nagireddy Ravi, *Design of Load Frequency Control in Power System Using Neural Networks*, Proc. of National Seminar on Electric Energy System Management - Indian Scenario,at University of Roorkee, Roorkee, India. , Sept. 4-5, 1998
- Narri Yadaiah, B.Sanjeev Rao, *Control of Dynamical systems Using Neural Networks*, Proc. of National Conference on Neural Networks and Fuzzy Systems at Anna University, Madras, India., March 16-18, 1995

Events Participated/Organized

Organized

- Organized a Conference on Recent Advances in Design, Development and operation of Micro Air Vehicles, JNTUH, 21-11-2013 to 23-11-2013
- Organized a Workshop on Micro Air Vehicles, JNTUHCEH, 27-09-2013
- Organized a Orientation Course on Three Day Orientation Course, JNTUHCEH, 12-09-2013 to 14-09-2013
- Organized a Workshop on A Two Day Work shop on Real Time Control Systems hands on practice, In collaboration with Qunaser & Edutech at Dept EEE, JNTUH CEH, Hyderabad., 20-07-2012 to 21-07-2012
- Organized a Symposium on National Level Technical Symposium, PRAGNYA 2012, Dept EEE, JNTUH CEH, Hyderabad, 09-03-2012
- Organized a Symposium on National Level Technical Symposium, PRAGNYA 2011, Dept EEE, JNTUH CEH, Hyderabad, 11-03-2011 to 12-03-2011
- Organized a Workshop on A Two Day National Workshop on Neural Networks & Fuzzy Systems, Dept. of EEE, JNTU College of Engineering, Anantapur, under TEQIP, 30-03-2009 to 31-03-2009
- Organized a Symposium on National Level Technical Symposium, EYE 2009, -, 07-02-2009 to 08-02-2009
- Organized a Workshop on A Two Day National Workshop on Awareness on Indian Electricity Act., Dept. of EEE, JNTU College of Engineering, Anantapur, under TEQIP., 12-09-2008 to 13-09-2008
- Organized a Workshop on A Two-Week Training on Development of Embedded Systems Laboratory, Dept. of EEE, JNTU College of Engineering, Anantapur, under TEQIP., 19-02-2007 to 02-03-2007
- Organized a Workshop on Three-Week, Refresher course on "Simulation Tools for Electrical Engineering Applications", UGC- Academic Staff college, JNT University, Hyderabad, 05-12-2005 to 24-12-2005
- Organized a Workshop on A Three -Day Workshop on Vector Control of Induction Motor, Dept. of EEE, JNTU College of Engineering , Hyderabad, under TEQIP, 20-10-2005 to 22-10-2005
- Organized a Workshop on Three -Week, Refresher course on "Simulation Tools for Electrical Engineering Applications", UGC- Academic Staff College, JNT University, Hyderabad, 06-12-2004 to 25-12-2004
- Organized a Workshop on Three -Week, Refresher course on "Simulation Tools for Electrical Engineering Applications", UGC- Academic Staff college, JNT University, Hyderabad, 10-02-2003 to 01-03-2003

Presented

- Presented a paper in *IEEE Multi-Conference on Systems and Control*, Hyderabad, India, 28-08-2013 to 30-08-2013

Participated

- Participated in a Conference on *National Systems Conference*, IIT Jodhpur, 05-12-2013 to 07-12-2013
- Participated in a Workshop on *Presented one paper in National Systems Conference (NSC 2012)*, Annamalai University, Chindambaram, Tamilnadu, 06-12-2012 to 08-12-2012
- Participated in a Workshop on *Chaired a Session (Power Electronics) on 17/08/2012 in a National Conference on Technological Developments in Power Engineering*, Vignan University Guntur, 17-08-2012 to 18-08-2012
- Participated in a Workshop on *Chaired a session (Intelligent Systems - 2) on December 7, 2011 and presented three papers in 11th Intl Conference on Hybrid Intelligent Systems, 2011 (sponsored by IEEE SMC)*, Malacca, Malaysia, 05-12-2011 to 08-12-2011
- Participated in a Workshop on *Presented one paper in a IEEE Industrial & Commercial Power System Technical Conference (I & C PS 2007)*, Edmonton, Canada, 06-05-2007 to 10-05-2007
- Participated in a Workshop on *Presented one paper in National Systems Conference (NSC 2005)*, IIT Mumbai, 14-12-2005 to 16-12-2005
- Participated in a Workshop on *Presented one paper in 11th International Conference on "Neural Information Processing"*, ICONIP -2004., Science city, Calcutta, India, 22-11-2004 to 25-11-2004
- Participated in a Workshop on *National Workshop on "Quality Improvement in Product & Process Design Using Taguchi Approach" (QIPDDTA)*, JNTU, Hyderabad, India., 24-09-2003 to 27-09-2003
- Participated in a Workshop on *Presented one paper IEEE SMC International Workshop on Soft Computing in Industrial Applications*, Binghamton, USA., 23-06-2003 to 25-06-2003
- Participated in a Workshop on *Workshop on "RISC based Embedded controllers"*, CDAC, Hyderabad, India, 31-08-2002 to 02-09-2002
- Participated in a Workshop on *Presented one paper in National Conference on Fuzzy Logic and Neural Networks Applications in Electrical Engineering*, Regional Engineering College, Warangal, INDIA, 24-09-1999 to 25-09-1999
- Participated in a Workshop on *Presented one paper in International Conference on Energy Storage Technologies and Systems (ICOESTS)*, Devi Ahilya University, Indore, India, 01-02-1999 to 04-02-1999
- Participated in a Workshop on *Workshop on Internet and Java programming*, Kakatiya Institute of Technology and Science, Warangal, India, 12-10-1996 to 13-10-1996
- Participated in a Workshop on *Workshop on Self Instructional Materials*, Indira Gandhi National University, New Delhi, India, 18-03-1996 to 29-03-1996
- Participated in a Workshop on *Presented one paper National Conference on Neural Networks and Fuzzy Systems*, Anna University, Madras, India, 16-03-1995 to 18-03-1995

Honors & Professional Activities

Professional Activities

- Reviewer for (i) Applied Soft Computing, Elsevier
- (ii) IEEE Trans on Mechatronics
- (iii). Electric Power Energy Systems - Elsevier

Administrative Positions Held

- Head of EEE, JNTUA College of Engineering Anantapur, 20 Aug 2008 - 05 Feb 2010
- Head of EEE, JNTUH College of Engineering Hyderabad, 17 Sep 2010 - 26 Sep 2012
- Vice-Principal, JNTUH College of Engineering Hyderabad, 06 Apr 2013 - 27 Mar 2014
- Principal, JNTUH College of Engineering, Hyderabad (Autonomous), 28 Mar 2014 - 21 Jul 2015
- Registrar, JNTUH, 22 Jul 2015 - Present

• **Project/Research Guidance**
 • **Students**

| Student Name | Title | Year | Download |
|---------------------------------|--|------|----------|
| P. Thirumoorthi | Design, Development and Implementation of hybrid filters to minimize the effect of harmonics in power system | 2016 | |
| Pradeep B Jyoti | Reduction of Common Mode Voltage in Vector Controlled Induction Motor Drive | 2016 | |
| R. Shanmugasundram | Design Development and implementation of Adaptive intelligent Controller For Brushless Dc Motor | 2014 | |
| R. K. Pongiannan | Design and Implementation of FPGA based Efficient PWM modulators for AC drives | 2012 | |
| C. Venkatesh | Development of intelligent methods for Ad-Hoc Networks and Congestion Control | 2007 | |
| N. Venkata Ramana | Design and Implementation Of Intelligent Controllers For Multi-Machine Power Systems | 2004 | |
| Student Name | Title | Year | Download |
| Gandavarapu Sriharsha | Urban community micro grids formation using multi agent systems | 2017 | |
| B Anil Kumar | Fuzzy logic controller based DC-DC converter for maximum power point tracking in PV module | 2016 | |
| Asma Samreen | Performance improvement of shunt active power filter | 2016 | |
| Dheeravath Nagu | The Multi-Level converter based STATCOM for transmission applications | 2015 | |
| Bheemaiah Ch | Design and Development of control strategy to minimize the torque ripples for BLDC motor drive | 2015 | |
| Ponnada Satish | Analysis of Two input Z-source based DC-DC Converter fed BLDC motor | 2015 | |
| Thammineni Haritha | Input Power Factor correction using bridgeless buck converter in single phase AC-AC Circuit | 2015 | |
| Vasi Sriharisai | Position Control of inverted Pendulum using PID and Emotional Controllers | 2015 | |
| Surneni Karthik | Design and Implementation of speed controller for Permanent Magnet Synchronous Motor (PMSM) | 2015 | |
| Potharaju Mahesh | Design and Development of state estimation technique for a Permanent Magnet Synchronous Motor (PMSM) | 2015 | |
| T. Santosh | Real Time Implementation and Performance Analysis of Digital Control for BLDC motor Drive | 2014 | |
| V. Sandya Rani | Development and Implementation Hybrid PWM for Multilevel Inverter | 2014 | |
| Y. Madhavi | Development of Multilevel Inverter Topology for Motor Drive Applications | 2013 | |
| P. Sunitha | Dynamic Reconfigurable PWM Controller Using SVPWM and SPWM | 2012 | |
| P. Swathi | Speed Estimation Techniques for Induction Motor | 2012 | |
| P. Venkataramana | Load Flow Analysis for AC System with Two Terminal HVDC links | 2012 | |
| P. Rajeswari | Speed Estimation and Control of Induction Motor Drive | 2012 | |
| L. Jayasree | Development of Multilevel Inverters for Control Applications | 2012 | |
| A. Kalpana | Development of Intelligent PWM Controllers for Induction Motr Drives | 2012 | |
| B. Gandhi Lal | Design of Digital Roll Attitude Autopilot for A Missile System | 2011 | |
| B. Venkateswarlu | Design and Implementation of Converter Topology for Single \hat{a} Phase Grid Connected | 2011 | |
| G.V. Vijaya Chandra | Estimation of States and Direct Torque Control of Induction Motor using Extended Kalman Filter | 2011 | |
| M. Roopchandana | Training of recurrent neural Networks using particle filter | 2010 | |
| A. V. A PAVAN KUMAR | Dynamic Modeling of CFBC Boiler Using MMS Software | 2010 | |
| L. V. Rajesh | Computation of PID Controller Tuning Constants Based on Process Model | 2010 | |
| P. Shiva Sankar | Design of different control strategies for time delay systems | 2010 | |
| N. Jagannatha Sastry | Design of continuous time dynamic fuzzy control system with frequency domain specifications | 2010 | |
| M. V. Srikanth | Design of robust PID controllers with Iso Damping property for dynamical systems | 2010 | |
| D. Sarala Kumari | Design of feedback controller and estimation domain of attraction for systems with actuator saturation | 2010 | |
| P. Bharat Kumar | Design of PI and PID controllers through intelligent approach and with transient response specifications | 2010 | |
| B. Harika | Pattern / Signal classification using fuzzy logic system | 2009 | |
| D. Surender | Design of PI Controller through Fuzzy logic and GA for Induction motor drive | 2009 | |
| A. Rathan Singh | Design and Implementation of Fractional PID Controllers | 2009 | |
| G. Mallikharjuna Rao | Tuning of PID Controller through Genetic Algorithm | 2009 | |
| K. Rammoohan Reddy | Internal Model Based IVC for an Induction Motor | 2009 | |
| Y. Maheswar Reddy | DSP Based Boost Converter for Power Factor Correction | 2009 | |
| K. Murali | Vibration Rejection in Servo Drive System using Notch Filter | 2009 | |
| John Bhushanam | System Identification through Diagonal Recurrent Neural Network | 2008 | |
| P. Kiran | Multi-Level Fuzzy Controller for a Non-Linear Systems | 2008 | |
| Y. Pujita | Design of GA Based optimized Intelligent PID controller and Its Implementation Using FPGA | 2008 | |
| G.V. Narayana | Application of Fuzzy based Capacitor placement in Radial Distribution Systems | 2008 | |
| N. Suresh | Design and Implementation of Neural Network Controller for Controlling Drum Level in Thermal Power Plant | 2008 | |
| AK Jilani Shaik | Development of SVM Based Online Handwritten Character Recognition System | 2008 | |
| Monika Devi Arumalla | Design and Implementation of Fuzzy Logic Controller for Controlling Drum Level in Thermal Power Plant | 2008 | |
| Mr. T. Naga Ramesh | Development of Fail-Safe Control System Using Microcontroller | 2007 | |
| Raja Rao G | Direct Torque Control of Induction Motor Through Sliding Mode Controller | 2006 | |
| P. Atchuyutram | Universal Field Oriented Controller for Current Controlled VSI fed Induction Motor | 2006 | |
| K. Manjari | Fuzzy Based Simultaneous Current & Torque Control of Induction Motor | 2006 | |
| Mrs. Praveena | Fuzzy based Direct Torque Control of Induction Motor | 2006 | |
| Mr. Lakshman Singh | State estimation through Recurrent Neural Network | 2006 | |
| Mr. Nagireddy Ravi | Fault Diagnosis & Detection in Power Transformers using Artificial Neural Networks & Wavelet Transforms | 2006 | |
| Ms. G. Sowmya | State Estimation through Dynamic Neural Network | 2005 | |
| Mr. N. Ravi Kumar | Design and Implementation of FHBPWM Current Controller for a Vector Controlled IM | 2005 | |
| Ms. A. Krishna Priya | Design and Implementation of NHBPWM Current Controller for A Vector Controlled IM | 2005 | |
| Mr. C. Venkata Sivaprasad Reddy | Design and Development of an Embedded System Using Wireless Technology for Gunnery Simulator | 2005 | |
| Mr. T. Srikanth | State Estimation of Dynamical Objects through Fuzzy Kalman Filter | 2005 | |
| Mr. Sai Srinivas | Intelligent Decentralized Controllers For Multi Area Power Systems | 2005 | |
| Ms. A. Surya Naga Prathima | Design And Development of H/W Unit Using Rabbit Processor-An Application Tool For Tank Module Simulation | 2005 | |
| Mr. VSRK Babu Chandalvala | Design of an Intelligent Robust Excitation Controller for Power System Stability | 2002 | |
| Mr. A. Ganga Dinesh Kumar | Design of a Controller for Power System Stability and Voltage Regulation Using Fuzzy Concepts | 2002 | |

• **Countries/Foreign Universities**

- IEEE 17th International Conference on Environment and Electrical Engineering, Milan, Itali , 06-06-2017 to 09-06-2017 To present a paper in IEEE 17th International Conference on Environment and Electrical Engineering
- Ecole Centre, Paris, France , 04-06-2017 to 05-06-2017 Academic discussion
- Blekenge Institute of Technology, Karlskona, Sweden , 01-06-2017 to 03-06-2017 Academic discussion & Graduation End ceremony of IIDMP
- Asian Institute of Technology (AIT), Bangkok, Thailand , 04-08-2016 to 08-08-2016 Academic discussion on IIDMP
- IEEE SMC International workshop on soft computing in Industrial Applications, Binghamton, USA , 23-06-2003 to 25-06-2003 To present a paper
- 11th Intl Conference on Hybrid Intelligent Systems, 2011 (sponsored by IEEE SMC), Malacca, Malaysia , 05-12-2011 to 08-12-2011 To present Research Papers
- University of Alberta, Edmonton, Canada , 05-05-2007 to 04-08-2007 Colloberative Research Work

• **Others**

1. Convener, TSEAMCET -2017 appointed by Telangana State Council for Higher Education.
2. Convener, TSEAMCET - III - 2016 appointed by Telangana State Council for Higher Education.
3. Convener, TSECET - 2016 appointed by Telangana State Council for Higher Education.
4. Member of Telangana Admission and Fee Regulation Committee , GO. RI. 307 dt 28/11/2015.
5. Convener, TSECET - 2015 appointed Telangana State Council for Higher Education.
6. Regional Coordinator for Hyderabad - Zone -I, EAMCET 2014 appointed by Convener EAMCET 2014.
7. Member ECET committee for Year 2012 appointed by APSICHE.
8. Involved various committees at University level and College level.
9. Member of University Purchase committee member at University level (JNTUH)
10. Member of Task Force Committee of APSICHE for FFC visits (3rd phase of 2012-13).

Contact :

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