

# CURRICULUM VITAE



**Name** : Prof. P. Sujatha

**Date of Birth** : 20.08.1971

**Place of Birth** : Anantapuramu

**Designation** : Professor of Electrical & Electronics Engineering,  
JNTUA College of Engineering, Anantapuramu

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**Qualifications** :

| University  | Degree | Class   | Year | Field of specialization                |
|---|--------|---------|------|--|
| Jawaharlal Nehru Technological University, Anantapur  | Ph. D  | -       | 2012 | Electrical Engineering (Power Systems) |
| Jawaharlal Nehru Technological University, Hyderabad. | M.Tech | I class | 2003 | Electrical Power Systems               |
| Jawaharlal Nehru Technological University, Hyderabad. | B.Tech | I class | 1993 | Electrical & Electronics Engg.         |

**Experience:** 19+ years (Teaching UG & PG)

| S.No | Designation                               | Institute                              | From       | To         |
|------|---|--|------------|------------|
| 1.   | Lecturer in Electrical Engg.              | Adhiyamaan Polytechnic, Hosur.         | 03-06-1996 | 30-06-1998 |
| 2.   | Academic Asst. in EEE                     | JNTU College of Engineering, Anantapur | 02-07-1998 | 24-10-1999 |
| 3.   | Assistant Professor in EEE                | Intell Engineering College, Anantapur  | 25-10-1999 | 31-05-2003 |
| 4.   | Assistant Professor in EEE                | JNTU College of Engg. Anantapur        | 31-05-2003 | 24-10-2004 |
| 5.   | Assistant Professor (Senior scale) in EEE | JNTU College of Engg. Anantapur        | 25-10-2004 | 07-11-2006 |
| 6.   | Associate Professor in EEE                | JNTU College of Engg. Anantapur        | 07-11-2006 | 06-11-2012 |
| 7    | Professor in EEE                          | JNTUA College of Engg. Anantapur       | 07-11-2012 | Till date  |

**Research Experience:**

- **Number of Ph.D Scholars:**

**Awarded: -- 12**

**Pursuing: 04**

- **M.Tech Projects : 156**

**Publications** : Total – **110**  
 International journals - **77**  
 International Conferences - **22**  
 National Journals - **05**  
 National conferences - **06**

**Patents** : **Two patents are registered for the works on**  
**(1) Solar- Effluent Treating System**  
 Patent Application #1477/CHE/2009 dt.24.6.2009  
**(2) Silkworm Pupae-Solar Dehydrator**  
 Patent Application #2638/CHE/2010 dt.9.9.2010

**MEMBERSHIP OF REPUTED PROFESSIONAL BODIES**

- Fellow of Institution of Engineers (I) F - 117150 - 6**
- Life member of Indian Society for Technical Education (I.S.T.E) :LM48705**

**Presently Serving as:**

- Chairman of RRC, EEE of JNTUA, Anantapur
- Vice Principal, JNTUA College of Engineering, Anantapur

**Administrative Experience:*****Deputy Warden of Ladies Hostels: 2003 to 2009***

**Nature of duties:** Maintenance of Ladies hostels.

**Achievements:** Provided good environment to students like their home, periodic checking, prevented ragging activities, provided Internet facility, Gymnasium, Guest Lectures for students career growth.

***NSS Program Officer 2009 to 2010***

**Nature of duties:** Arranging & Conducting of various development programs for the students towards service to the public

**Achievements:** Succeeded in my attempts of developing students interaction with out side world.

***In-charge of Machines, Networks Laboratory: (2003-2013)***

**Nature of duties:** Maintenance and Development of Laboratories, Planning of experiments as per the syllabi and regular monitoring of conduct of laboratory classes.

**Achievements:** Developed Machines laboratory by adding new equipment with simulation software in order to facilitate PG Laboratory classes and research. New experimental manuals were prepared.

***Head of Electrical & Electronics Engg Dept.: January. 2013 to August, 2015***

**Nature of duties:** Monitoring the various activities of the department like teaching load distribution, conduct of classes work, preparation of timetables, maintenance and development of various labs etc.

**Achievements:** Organized the following workshops/conferences successfully thereby establishing the competence of the Department in arranging such events.

1. –National Students' Technical Symposium (**EYE – 2K13**) on 15.3.2013
2. Conducted UG & PG Board of Studies meeting to frame the syllabus
3. Participated in Conferences and Workshops

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Introduced student-counseling scheme by allocating 15 students for each teaching staff member in order to have close attention and guide the student in a right direction.

Arranged number of Guest lectures by the faculty of premier institutes for the benefit of PG students and faculty.

Special efforts are put to achieve perfection in executing better B.Tech & M.Tech projects by interacting with various industries and organizations like BHEL, CPRI, SHAR, ECIL, PRDC etc.

Special programs are organized for the benefit of the students to improve their communication skills and personality.

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**SUMMER/ WINTER SCHOOLS / REFRESHER COURSES ATTENDED**

| <b>S.No</b> | <b>Name of the Course</b>                       | <b>Duration</b> | <b>Sponsor</b>                     | <b>Place</b>       |
|-------------|---|-----------------|------------------------------------|--------------------|
| 1.          | Orientation Courses                             | 4 weeks         | UGC                                | Hyderabad          |
| 2.          | Short term course(Refresher Course)             | 3 weeks         | AICTE-<br>ISTE<br>Winter<br>School | JNTU,<br>Anantapur |
| 3.          | Short term course(Refresher Course)             | 2 weeks         | AICTE-<br>ISTE                     | NIT, Warangal      |
| 4.          | Short term training program (Refresher Course)  | 2 weeks         | TEQIP                              | JNTU,<br>Anantapur |
| 5.          | Short term training program (Refresher Course)  | 2 weeks         | TEQIP                              | JNTU,<br>Anantapur |
| 6.          | Short term training program (Refresher Course)  | 1 week          | TEQIP                              | JNTU,<br>Anantapur |
| 7.          | Short term training program (Refresher Course)  | 3 days          | TEQIP                              | JNTU,<br>Anantapur |
| 8.          | Short term training program (Refresher Course)  | 2 days          | TEQIP                              | JNTU, Hyd          |
| 9.          | Short term training program (Refresher Course)  | 2 days          | TEQIP                              | JNTU,<br>Anantapur |
| 10.         | Short term training program (Refresher Course)  | 1 day           | UGC                                | JNTU,<br>Anantapur |
| 11.         | FDP on Entrepreneurship                         | 2 weeks         | AICTE                              | JNTUA CEA          |
| 12.         | FDP on Solar and Wind Energy conversion systems | 2 weeks         | TEQIP                              | JNTUA CEA          |

**CONFERENCES/WORKSHOPS/ SEMINARS ORGANISED:**

1. A two day national level students technical symposium (EYE-2K7) on 16<sup>th</sup> and 17<sup>th</sup> March, 2007
2. A two day national level conference (EAR-2K8) during 26<sup>th</sup> and 27<sup>th</sup> December, 2008
3. A one day national level students technical symposium (EYE-2KX) on 11<sup>th</sup> March, 2010
4. A one day national level students technical symposium (EYE-2K11) on 2<sup>nd</sup> April, 2011

5. A one day national level students technical symposium (EYE-2K13) on 15th March, 2013
6. A one day national level students technical symposium (EYE-2K14) on 17th March, 2014
7. A one day national level students technical symposium (EYE-2K15) on 15th March, 2015

## PAPERS PUBLISHED/PRESENTED

### RESEARCH WORK

Worked on the topic, “**Real Time Metering for Energy Management and Auditing**”, for the award of Ph.D by Jawaharlal Nehru Technological University, Anantapur. **In this work, a new GPRS based online monitoring system is established.**

#### **International Journals:**

|    |    |   |
|----|----|---|
| 1. | 1. | K.Rajan, P.Sujatha and K.S.R.Anjaneyulu “Energy Efficient 600Hz Power systems for Industrial and Commercial zones to reduce the weight and size of the Equipments”, International Journal of Electrical and Power Engineering 1 (4): pp. 390-396, 2007                                |
| 1. | 2. | K.Rajan, P.Sujatha and K.S.R.Anjaneyulu, “Energy Efficient 600Hz Power Systems using Amorphous Metal core for Industrial and Commercial zones”, NICE Journal of Emerging Technologies- Power Electronics & Power Systems, ISSN 0973-2993, Vol2, No.1 June,2007, pp.86-90.             |
| 1. | 3. | K.Rajan, P.Sujatha and K.S.R.Anjaneyulu, “Amorphous metal core Challenges and Opportunity for Energy Efficient 600 Hz Power Systems”, <i>PROCEEDINGS OF THE ROMANIAN ACADEMY, Series A, Volume 9, Number 1/2008, pp. 1-7.</i>   |
| 1. | 4. | K.Rajan, P.Sujatha and K.S.R.Anjaneyulu, “Experimental Evaluation of Current fed Push-Pull Resonant Inverter and its application in High frequency Power Systems”, International Journal of Power Systems and Power Electronics, ISSN.No.0973-8886, Vol.1.No.I, July, 2008, pp 71-79. |
| 1. | 5. | N.Kalairasi, P.Sujatha, K.S.R.Anjaneyulu, “Vector Control of Induction Motor using Fuzzy Logic Voltage Source Inverter”, International Journal of Engineering Research and Industrial Applications (IJERIA)-ISSN 0974-1518, Vol.1 .No.II(2008)pp.237-247.                             |
| 1. | 6. | N.Kalairasi, P.Sujatha, K.S.R.Anjaneyulu, “Simulation of Direct Torque Control of Induction Motor in FPGA”, International Journal of Power Systems and Power Electronics, ISSN.No.0973-8886, Vol.1.No.I, July, 2008, pp 28-35.  |
| 1. | 7. | R.Mahalakshmi, P.Sujatha, K.S.R.Anjaneyulu, “Investigations on IPFC Controllers”, International Journal of Power Systems and Power Electronics, ISSN.No.0973-8886, Vol.1.No.I, July, 2008, pp.36-41.  |
| 1. | 8. | K.Rajan, P.Sujatha and K.S.R.Anjaneyulu, “Modern Solid State Switches and its Applications in Energy efficient High Frequency Power System”, International Journal of Engineering Research and Industrial Applications (IJERIA)-ISSN 0974-1518, Vol.2 .No.II(2009)pp.85-95.           |

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| 9.  | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, "Power Quality Improvement by Suppressing Harmonics using Power Active Filters", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 4 No. 11 (2009) pp. 2307–2328.   |
| 10. | Sardar Ali, Syed Abdul Sattar, P. Sujatha, K.S.R. Anjaneyulu, "Reduction of Harmonics using FACTS controllers". International Journal of Applied Engg Research (IJAER). ISSN 0973- 4562 Vol.4 No 4 (2009) pp-505-518  |
| 11. | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, "Improvement of Power Quality Using FACTS Controllers". International Journal of Research & Industrial Applications (IJERIA). ISSN 0974-1518, Vol.2, No.IV (2009), pp-111-134.   |
| 12. | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, "Improvement of Load Power Factor Using FACTS Controllers", International Journal of Engineering Research and Industrial Applications (IJERIA). ISSN 0974-1518, Vol. 2, No.VI, (2009) pp233-249.   |
| 13. | N.Kalaiarasi, P.Sujatha and K.S.R.Anjaneyulu, "Experimental Implementation of multilevel inverter for reducing harmonics in a induction motor", International Journal of Emerging Technologies and Applications in Engineering, Technology & Sciences(IJ-ETA-ETS). ISSN 0974-3588, Vol. 2, issue 2, June-Dec'2009, pp. 576-581. |
| 14. | M. Narendra Kumar, P.Sujatha, K.S.R.Anjaneyulu, " Experimental Verification of Four-Switch PWM AC Chopper Fed Single Phase Induction Motor", International Journal of Theoretical and Applied Information Technology, ARPN, ISSN:1817-3195/E-ISSN:1992-8615, Vol.12, No.1, Feb. 2010, pp 013-018                                |
| 15. | G.Jayakrishna, P.Sujatha, K.S.R. Anjaneyulu, " Fuzzy Logic Controller based Three phase shunt hybrid Active filter for Power Quality Improvement", Research Journal of Engineering and Technology, ISSN 0974-2824, Vol.3 Issue-4, Oct-Dec. 2010 pp22-28   |
| 16. | G.Jayakrishna, P.Sujatha, K.S.R.Anjaneyulu, "Seven level Control of Shunt Active Power Filter for Power Quality Enhancement" Research Journal of Engineering Science and Technology, ISSN : 0975-5462 Vol. 3 No. 9, September 2011, pp 7036 -7045.  |
| 17. | M. Narendra Kumar, P.Sujatha, K.S.R.Anjaneyulu, " FFT Analysis of AC Chopper Fed Single Phase Induction Motor Drive", Journal of Electrical Engineering, Politechnica Publishing house, TIMISOARA ROMANIA, Vol.11/2011, Edn.1 pp 20-28  |
| 18. | Joshi Manohar.V, Sujatha.P, K.S.R.Anjaneyulu, " Harmonic Analysis of Prominent Modulation Strategies for MV Drives", International Journal of Electronics & Communication Technology, ISSN:2230-7109(online) / ISSN 2230-9543(print), IJECT Vol.No.2,SP-1, Dec.2011 pp 31-35  |
| 19. | P. Sujatha, P. Ramkishore Kumar Reddy, M. Vijaya Kumar, " Real-time designing and modeling of online monitoring of Energy consumption using GPRS system", I-manager's Journal on Electrical Engineering, ISSN: 0973-8835, Dec., 2011.   |
| 20. | P. Sujatha, M. Narendra Kumar, M. Vijaya Kumar, " Persuasion of Energy audit on demand side management in Power System", Research Journal of Engineering and Technology, ISSN: 0974-2824, Sept., 2009.  |

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| 21. | P. Sujatha, M. Vijaya Kumar, " A novel methodology for short term load forecasting using Wavelet-Neuro analysis", Research Journal of Engineering and Technology, ISSN: 0974-2824, Sept., 2010.   |
| 22. | V. Joshi Manohar, P.Sujatha, <b>K.S.R. Anjaneyulu</b> , "A Comparative Analysis of Modulation Control Strategies for Cascade H-Bridge 11-level Inverter", World Academy of Science, Engineering and Technology 77 2013, <a href="http://www.waset.org/journals/waset/v77/v77-133.pdf">http://www.waset.org/journals/waset/v77/v77-133.pdf</a> , pp.791-795                    |
| 23. | V. Joshi Manohar, P.Sujatha, <b>K.S.R. Anjaneyulu</b> , "Lower order Harmonics Minimisation in CHB Inverter using GA and Decomposition by WT", World Academy of Science, Engineering and Technology 77 2013, <a href="http://www.waset.org/journals/waset/v77/v77-134.pdf">http://www.waset.org/journals/waset/v77/v77-134.pdf</a> , pp.796-801                               |
| 24. | Joshi Manohar.V, Sujatha.P, <b>K.S.R.Anjaneyulu</b> , "Harmonic analysis and FPGA implementation of SHE controlled three phase CHB 11-level inverter in MV drives using deterministic and stochastic optimization techniques", SpringerPlus 2013, 2:370, <a href="http://www.springerplus.com/content/2/1/370">http://www.springerplus.com/content/2/1/370</a> , August 2013. |
| 25. | P.Bharat Kumar, Sujatha.P, <b>K.S.R.Anjaneyulu</b> ,"Design and Analysis of Different Control Strategies for BLDC Motor", " International Journal of Innovative Research in Science, Engineering and Technology" (An ISO 3297: 2007 Certified Organization) Vol. 2, Issue 9, September 2013, ISSN: 2319-8753, pp.4298-4308  |
| 26. | P.LakshmiSupriya, P.Sujatha, <b>K.S.R. Anjaneyulu</b> , "Monitoring and Control of condition of Transformer by online based Microcontroller" International Journal of Electrical & Electronics Engineering Research, ISSN(P):2250-155X, ISSN:2278-943X, Vol.4, Issue 2, Apr.2014, 59-64 <a href="http://www.tjprc.org">www.tjprc.org</a>                                      |
| 27. | A.Siva Sankar, P.Sujatha, <b>K.S.R.Anjaneyulu</b> , "A modified Cuckoo Search Algorithm for improving voltage profile and to diminish power losses by locating Multi-type FACTS devices" Journal of control Automation and Electrical systems- Springer online, Nov 2015.ISSN-2195-3880   |
| 28. | M.Narendra Kumar, P.Sujatha, <b>K.S.R. Anjaneyulu</b> , "Comparison of AC Choppers Fed Single Phase Induction Motor Close Loop Characteristics" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN (Print) : 2320 – 3765, Vol. 4, Issue 11, November 2015 pp 8802-8809   |
| 29. | V. Lakshmi Devi, P.Sujatha, <b>K.S.R. Anjaneyulu</b> , "A hybrid Bat search approach for security constrained unit commitment for 3-unit system", International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10, No. 86, 2015  |
| 30. | B.V.Rami Reddy, P. Sujatha, Y.V.Siva Reddy, "Fuzzy Logic and PSO based hybrid technique formulation for optimal placement and sizing of interline power flow controller", Acta Electrotechnica et Informatica, Vol. 15, No. 1, pp.50-60, 2015, ISSN: 1335-8243  |
| 31. | B.V.Rami Reddy, P. Sujatha, Y.V.Siva Reddy, "Interline Power flow controller (IPFC) to improve the voltage stability and contingency analysis in Power System", IREE, 2015.   |

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| 32. | B.V.Rami Reddy, P. Sujatha, Y.V.Siva Reddy, “Location of (IPFC) under contingency analysis in Power System”, Vol.6, IEEJ, 2015, ISSN: 2078-2365.   |
| 33. | P. Sujatha, “Performance enhancement of active power filter with Resonant and Fuzzy controllers using implicit closed loop current control”, Vol. 2, Issue. 4, July 2015, ISSN: 2395-0056.   |
| 34. | M. Balaji Naik, P. Sujatha, “Adaptive Fuzzy and Neuro – Fuzzy Inference controller based MPPT for Photovoltaic Systems”, pp.1-8, IRJET, Vol. 2, Issue. 8, November, 2015   |
| 35. | B. Bhagyamma, P. Sujatha, “Predictive Current control strategy using ANFIS & LMS algorithm for control of PMSM Drive systems”, pp.595-602, IRJET, Vol. 2, Issue. 8, November, 2015   |
| 36. | G. Mahesh Kumar, P.V.Satya Ramesh, K.S.R. Anjaneyulu and P. Sujatha, “Performance and Analysis of FACTS controllers for damping oscillations in Power Systems”, International Journal of Electrical and Electronics Engineering (IJEEE), ISSN:2278-9944, Vol. 5, Issue. 5, Aug-Sep, 2016, pp. 37-48. |
| 37. | Lakshmi Devi. V, P. Sujatha and K.S.R. Anjaneyulu, “Novel Hybrid BAT approach for security constrained unit commitment”, International Journal of Electrical and Electronics Engineering (IJEEE), ISSN:2278-9944, Vol. 5, Issue. 4, June-July, 2016, pp. 63-72.                                      |

### International Conferences:

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|-----|-----|---|
| 38. | 38. | M.Ramasubamma, V.Madhusudhan, P.Sujatha, K.S.R.Anjaneyulu, “Design aspects and analysis for Higher Order Harmonic Mitigation of power converter feeding a Vector-controlled Induction Motor Drive”, IEEE International Conference on Advances in Engineering, Science and Management, ICAESM, March 30-31, 2012 ISBN:978-81-909042-2-3©2012 IEEE pp 282-287 |
| 38. | 39. | R.Suneetha, P.Sujatha, K.S.R. Anjaneyulu, “ Optimal Tuning rules of the PID and Fractional-Order PID Controller with time delay processes based on Genetic Algorithm”, International Conference on Emerging trends in Electrical, Communication and information Technologies(ICECIT-2012), pp.211-219, December 21-23, 2012, SRIT, Anantapur.               |
| 38. | 40. | V. Joshi Manohar, P.Sujatha, K.S.R. Anjaneyulu, “A Comparative Analysis of Modulation Control Strategies for Cascade H-Bridge 11-level Inverter”, International Conference on Electrical Engineering (ICEE-2013) by World Academy of Science, Engineering and Technology, pp. 414-418, February 14-15, 2013, <b>KualaLumpur, Malaysia.</b>                  |
| 38. | 41. | V. Joshi Manohar, P.Sujatha, K.S.R. Anjaneyulu, “Lower order Harmonics Minimisation in CHB Inverter using GA and Decomposition by WT”, International Conference on Power Systems Engineering(ICPSE-2013) by World Academy of Science, Engineering and Technology, pp. 419-425, February 14-15, 2013, <b>KualaLumpur, Malaysia.</b>                          |



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| 42. | M.Narendra Kumar, P.Sujatha, <b>K.S.R. Anjaneyulu,</b> ” Close Loop Characteristics of One and Two switch AC Choppers fed Single phase Induction Motor, Procs. Of 1 <sup>st</sup> International Conference on Innovations in Electrical & Electronics Engineering , 5-6 Sep.,2014 pp.77-79(ICIEEE-2014), GNIs, Hyderabad. |
| 43. | V.Lakshmi Sevi, P.sujatha, K.S.R. Anjaneyulu,” A Novel approach for Security Constrained Unit commitment using Bat computation” IEEE International Advance Computing Conference , June 2015, pp 623-628   |
| 44. | M. Rama Subbamma, V. Madhusudhan, <b>K.S.R. Anjaneyulu</b> and P. Sujatha, “A variable speed PFC converter for Brushless SRM Drive”, IDES Joint International Conference, 2015, pp. 46-59.  |

### National Journals:

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| 45. | K.Rajan, P.Sujatha, K.S.R.Anjaneyulu “Energy efficient 600Hz power systems using Amorphous metal core for Industrial & Commercial Zone”, NICE Journal of Emerging Technologies, Vol.2 No.1 June, 2007 pp86-90.   |
| 46. | B.RamaKumar, K.Raghu, P.Sujatha, K.S.R.Anjaneyulu, “Non-conventional Energy for Silk Industry- Rays of Hope” (The complete sericulture and silk industry journal of India) Indian Silk, Vol.47 No.1 May 2008, pp14-18.   |
| 47. | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, “Minimization of Harmonics using FACTS controllers for the Improvement of power Transfer capability”. Indian Journal of Power & River Valley Development. ISSN 0019-5537 vol.59 no. 7, 8 For the issue of July, 2009. pp96. |
| 48. | B.RamaKumar, Prakash Y.Naik, S.M.Hukkeri, Subhas V.Naik, P.Sujatha, K.S.R.Anjaneyulu, “Eco-management in Silk Dyeing through Solar Effluent Treatment System” (The complete sericulture and silk industry journal of India) Indian Silk, Sept.-Oct.2010, pp20-23.      |
| 49. | B.RamaKumar, Prakash Y.Naik,SubhasV.Naik,P.Sujatha,KS.R.Anjaneyulu, Drying of Silkworm pupae through solar dehydrator – A study, Indian Journal of Sericulture, Central Silk Board, GoI, ISSN 0445-7722 Vol.52, No.1 June 2013, pp 56-62                               |

### National Conferences:

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|-----|-----|---|--|
| 50. | 50. | M.S.Rayudu, M. D. Raj, P. Sujatha, K.S.R.Anjaneyulu and V.Sankar “ Short term load forecasting using Neuro-Fuzzy Technologies” proceedings of National Conference on Fuzzy Logic & neural networks applications in Electrical Engg., REC, Warangal. Sept., 24-25, 1999 pp 97-101. |  |
| 50. | 50. | 51.   | K Rajan, P.Sujatha, K.S.R.Anjaneyulu “Energy efficient 600Hz power systems for Industrial Commercial Zone using Amorphous metal core”, presented at National Conference in EAR-2004 held at JNTU College of Engg, Anantapur Dec.4, 2004 pp 135-140 |
| 50. | 50. | 52.   | P.Ram Kishore Kumar Reddy, P.Sujatha, K.S.R.Anjaneyulu “Protection of Power Transformer using Modified Wavelet Transforms”, presented at National Conference in EAR-2004 held at JNTU College of Engg, Anantapur Dec.4, 2004 pp 167-173            |
| 50. | 50. | 53.   | M.Narendra Kumar, P.Sujatha, M.Vijaya Kumar, K.S.R.Anjaneyulu “Comparison of EEM with Standard Motor under various operating   |

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|     | conditions – Case Studies”, Proceedings of National Conference, Recent Advances in Electrical Engineering (EAR-2005), December 10, 2005, JNTUCE, Anantapur pp.107-112.   |
| 54. | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, “Application of ANN for the measurement of Voltage Stability Using FACTS Controllers”, National Conference on Recent Trends in Information Technology Prospects for Global India Brand Techno Carnival, Organized by Dept. of CSE, RITS, Chevella RR Dist. Hyderabad-INDIA. 3 <sup>rd</sup> & 4 <sup>th</sup> February 2006 |
| 55. | Sardar Ali, P. Sujatha, K.S.R. Anjaneyulu, “Control of Three Phase Four Wire FACTS System Using Neural Network”, National Conference on Recent Trends in Information Technology Prospects for Global India Brand Techno Carnival, Organized by Dept. of CSE, RITS, Chevella RR Dist. Hyderabad-INDIA. 3 <sup>rd</sup> & 4 <sup>th</sup> February 2006.                 |

## **SUBJECTS TAUGHT**

### **U.G.Courses:**

1. Electrical Science/ Electrical Engg. /Electrical Technology
2. Power Systems I, II, III
3. Electrical Machines/ Electro mechanics –I, II, III
4. Power System Operation & Control
5. Network Theory/ Network Analysis /Electrical Circuits

### **P.G. Courses:**

1. Advanced power system protection
2. EHV AC Transmission
3. Electrical Distribution Systems
4. Power System Stability
5. Reliability Engineering

**Signature**