

Curriculum Vitae Of **D r . A . L A K S H M I D E V I**

ADDRESS

Dr. A. Lakshmi Devi, F.I.E
Professor,
Department of Electrical Engineering,
SVU College of Engineering,
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EDUCATION

S.NO	Name of the Degree	Name of the University	Branch/ Specialization	Year of Completion
1	Ph.D	S. V. University	Studies On Placement Of Distributed Generator Units For Loss Reduction In Distribution Systems Using Fuzzy Logic And Genetic Algorithms	2008
2	M.E	IIScBangalore	Computer applications in Power Systems and drives	1993
3	B.Tech	S. V. University	Electrical and Electronics Engineering	1991

EXPERIENCE

S.NO	Designation	Qualifying Service		Total Number Of Years
		From	To	
1	Professor	18-02-2009	Till Date	--
2	Associate Professor(PB4)	18-02-2006	17-02-2009	3 Years
3	Assistant Professor(Stage-3)Selection grade/Associate Professor	18-02-2003	17-02-2006	3 Years
4	Assistant Professor (Senior scale)	27-07-1998	17-02-2003	4 and ½ years
5	Assistant Professor	18-02-1993	26-07-1998	5 and ½ years

Ph.D.GUIDANCE

S.NO	Name of the Candidate	Department	Year of registration	Status
1	P Sobha Rani	EEE	2010	Ph.D Awarded
2	Hemasekhar	EEE	2010	Ph.D Awarded
3	Siva Kumar	EEE	2010	In progress
4	K Dhananjaya Babu(Full-Time)	EEE	2013	Ph.D Awarded
6	T. Narashimha Prasad	EEE	2013	Ph.D Awarded
7	R.Sasidhar (Full-Time)	EEE	2015	Ph.D Awarded
8	K.Mani	EEE	2015	In progress
9	Rajesh	EEE	2016	In Progress
10	E Kalyana Chakravarthy	EEE	2019	In Progress
11	S Ghousul Azam	EEE	2020	In progress

12	V.Swetha	EEE	2020	In progress
13	D.M.V.Prasad	EEE	2020	In progress
14	Raju	EEE	2020	In progress

M.TechDISSERTATIONS GUIDED:

S.NO	Name of the student	Title	Year of Award
1	S. Vikranthi	Damping of low frequency oscillations in a power system using state variable feed	1998
2	Sivakeshava Reddy	Stability analysis of a SMIB with STATCON	1999
3	Sasikala	Electrical energy Auditing and conservation in transmission network in Chittoordist	2002
4	P. Sarada	A study on energy conservation and auditing in steel plant	2003
5	Sreenivasulu	Energy conservation and auditing for a cement Industry	2003
6	Venkatareddy	Switched mode power supply for power factor correction	2004
7	Srimannarayana	Energy auditing and conservation techniques in Industries and commercial establishments	2004
8	P. Narendra	Reactive power compensation in radial distribution network using fuzzy logic- a case study	2004
9	Vamsi Krishna	Enhancement of multi machine stability using fuzzy logic based PSS-	2004
10	Hemachandra Reddy	Evaluation of 11kV Distribution system losses using PSS/ADEPT software	2005
11	Vijayalakshmi	Reliability evaluation of generation and transmission systems	2005
12	Hemasekhar	Voltage stability assessment using artificial neural networks –A case study	2006
13	Tirumalu	Automatic Generation control of a two area hydrothermal system using conventional and fuzzy logic controller	2006
14	Maheedhar	Voltage regulation of distribution system with Distributed Generation	2006
15	S. Nagendra	Loss reduction in Transmission and Distribution systems using Distributed Generator units	2008
16	R. Ramprasad	Multiple capacitor placement using fuzzy logic for reactive power compensation in Radial distribution networks	2007
17	O. Vamsi Krishna	Combined economic and emission dispatch using evolutionary algorithms	2008
18	P.M.V. Madhukar	Prediction of voltage collapse in interconnected Power systems by placing L-Indicator	2008
19	M.D. AnisaShereen	Optimal conductor grading with genetic algorithm in practical distribution systems(APSPDCL)-A case study	2009
20	A. Praveena	An analytical method to improve the performance of radial distribution networks with distributed generation in SPDCL,A.P,-A case study	2010
21	T. Pavan Kumar	Optimal Location and Parameter setting of TCSC under single line contingency using PSO Technique	2011
22	K. Venkatapathi	Optimal sizing and Placement of Voltage regulators in Radial Distribution Systems to improve performance using Fuzzy Logic	2012
23	B. Supriya	Power Management of Grid Connected Photo Voltaic/Fuel Cell Hybrid energy Systems	2012
24	P. Kalpana	Placement and sizing of Distributed Generators in Distribution Networks based on LRIC and Load Growth Control.	2012
25	A. Chaitanya	Sizing and sitting of DG in Radial Distribution system to improve performance using BIBC and BCBV Load flow method.	2012

26	G. Mohan	Design and simulation of dynamic restorer using SPWM and SVPWM techniques for voltage sags and voltage swells mitigation	2013
27	K. Ramprasad	Performance improvement of transmission system using UPFC by GA and PSO Algorithms.	2013
28	Solomon Raju	Real time digital simulation of super heated steam temperature control system with Labview simulation interface toolkit	2013
29	G. Gowtham	Performance Improvement of Distribution systems Using DSTATCOM	2015
30	B. Uday Kumar	Operation of Parallel inverters for Power Quality enhancement and interfacing Distributed Energy Resources	2015
31	J. D. ShivaTeja	Wind Measurement Using MST Radar	2015
32	Abed Ali	Multiple DG Placement for loss reduction and voltage profile improvement using IA and PSO methods	2015
33	Pavan Kumar Naidu	Optimized DG allocation for maximum benefits based on GA and PSO methods in Distribution networks	2015
34	V. Suryannarayana Reddy	Optimal Location and sizing of IPFC for transmission line loss reduction using Differential Evolution	2016
35	Pavani	Reactive Power Compensation of Distribution Networks with UPQC MOPSO	2016
36	Harisha	Performance improvement of Distribution network using capacitor and distributed generation units	2016
37	Pl. Hemasree	Loss minimization and voltage improvement using autonomous group of particle swarm optimization in distribution systems	2017
38	V. Swetha	Impact of various load models and DG Placement and sizing using back tracking search algorithm	2017
39	M. Tejeswar Reddy	Design and Implementation of Control Strategy for the Grid Integration of Cascaded H-Bridge Multilevel PV Inverter with individual MPPT	2017
40	P. Mounica	A Novel method on sizing and placement of DGs from DG owners and Distribution company's view point	2017
41	B. Pavani	Voltage control in distribution systems with PV generation using MPPT controller on tap changers and autonomous regulators	2017
42	S. Harithasree	Real Time Analysis of 33-kV Sub- Transmission Network Powerlosses Using Analytical Method	2018
43	P.Ramasubba Reddy	Optimal Sizing And Placement Of STATCOMin Transmission System Using Gravitational Search Algorithm Under Contingency.	2018
44	S Ghousul Azam	Optimal DG Sizing and Placement in Radial Distribution Systems with various Load Clusters	2019

45	N.Adithya	Optimal Location and Parameters setting of GUPFC for Transmission loss Minimization Using Grey Wolf Optimisation Algorithm	2020
46	CH.Lavanya	Minimization of Fuel Cost in Solving the Power Economic Dispatch Problem including Transmission Losses by using Firefly Algorithm	2020
47	M.Veena	Fractional order PID based coordinated control strategies for DG units in an Unbalanced microgrid	2021
48	Kodanda Krishna	Optimal location of Distributed generation using Salp swarm algorithm.	2022
49	D. Venkayya	Optimal power flow analysis for power loss reduction using jaya algorithm	2023
50	Bommidi Sujatha	PMU data based fault detection techniques using a rbfn in a radial distribution system	2023
51	Peddireddy Saikumar Reddy	Sizing of dg in the distribution system using cuckoo search algorithm	2023

LIST OF PAPERS PUBLISHED IN REFEREED JOURNALS

1st July 2007 to 30th June 2008

1. **A. Lakshmi Devi** and B. Subramanyam “*Optimal Dg Unit Placement for Loss Reduction in Radial Distribution System-A Case Study*” ARPN Journal of Engineering and Applied Sciences, VOL. 2, NO. 6, DECEMBER 2007.
2. **A. Lakshmi Devi** and B. Subramanyam “*A New Hybrid Method For Loss Reduction And Voltage Improvement Using Capacitors And Dg Units In Radial Distribution System- Case Study*”, i-manager’s journal on Electrical Engineering, Vol.1,No.3,January-march 2008.

1st July 2008 to 30th June 2009

3. **A. Lakshmi Devi** and B. Subramanyam “*Sizing Of DG Unit Operated At Optimal Power factor To Reduce Losses In Radial Distribution-A Case Study*”, Journal of theoretical and applied information technology, vol.4, No.10, October2008.
4. **A. Lakshmi Devi** and O. Vamsi Krishna “*Combined Economic And Emission Dispatch Using Evolutionary Algorithms-A Case Study*”, ARPN Journal of Engineering and Applied Sciences”, VOL. 3, NO. 6, DECEMBER 2008.
5. **Dr. A. Lakshmi Devi** and S. Nagendra, “*Power loss reduction and Voltage Improvement in Transmission Systems Using Distributed Generator Units; A Case Study*”, The ICFAI University journal of Electrical and Electronics Engineering, Vol. II, No.2, 2009.
6. **Dr. A. Lakshmi Devi** and A. Praveena ,“*An Analytical method to improve the performance of Radial Distribution networks with Distributed Generation in SPDCL,AP- A Case Study*”, international journal on Electronic and Electrical engineering, Volume 03,No 4,March -May 2009.

1st July 2009 to 30th June 2010

7. **Dr. A. Lakshmi Devi** and AnisaShereen "Optimal conductor selection for radial distribution networks using genetic algorithm in SPDCL, AP-A case study", J. Theoretic. Appl. Inf. Technol., vol. 5, no. 6, pp.674 -685 2009

1st July 2010 to 30th June 2011

8. **Dr. A. Lakshmi Devi** and B. Subramanyam, "Sizing of DG unit using Genetic Algorithms to improve the performance of Radial Distribution System", International journal on Electronic and Electrical engineering, Volume 13, No 1, September 2010-November 2010.

1st July 2011 to 30th June 2012

9. **Dr. A. Lakshmi Devi** and T. Pavankumar, "Optimal Location and parameter settings of TCSC under single line contingency using PSO technique", International journal of advanced engineering research and studies, October-December, 2011.
10. **Dr. A. Lakshmi Devi** and K. Venkatapathi, "Optimal sizing and placement of voltage regulator in Radial Distribution systems to improve performance using Fuzzy logic", Global journal of Engineering of and applied sciences, Pp.125-129, ISSN 2249-2631(online): 2249-2623(Print), Jan-Mar, 2012.

1st July 2012 to 30th June 2013

11. **Dr. A. Lakshmi Devi** and P. Shobha Rani "Optimal sizing of DG units using exact loss formula at optimum power factor", International journal of Engineering science and Technology (IJEST), pp4043-4250, ISSN : 0975-5462, Sep, 2012
12. **Dr. A. Lakshmi Devi** and B. Supriya, "Power management of a grid connected photo voltaic/fuel cell Hybrid energy systems", Global journal of Engineering of and applied sciences, Pp.261-267, ISSN 2249-2631(online): 2249-2623(Print), Vol: 2, Issue:3, July-Sep, 2012.
13. **Dr. A. Lakshmi Devi** and A. Chaitanya, "A new Analytical method for the sizing and Siting of DG in Radial system to minimize Real Power Losses", International Journal of Computational Engineering Research (ijceronline.com), pp.31-37 Vol. 2 Issue. 7, ISSN 2250-3005(online), November, 2012.
14. **Dr. A. Lakshmi Devi** and P. Kalpana, "Placement and sizing of Distributed Generators in Distributed Network Based on LRIC and load growth control", Journal of theoretical and applied information technology, vol.47, No.1, ISSN: 1992-8645(Print), E-ISSN: 1817-3195(online), 10th January, 2013.
15. **Dr. A. Lakshmi Devi** and Hemasekhar, "A New filtering method and a Novel Converter Transformer for HVDC Systems", IOSR Journals, e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 6, Issue 2 (May - Jun. 2013), PP 70-76.

1st July 2013 to 30th June 2014

16. P. Shobha Rani and **Dr. A. Lakshmi Devi**, "Loss minimization in distribution systems using multidistributed generation" Indian journal of applied research, Vol.3, issue 11, Nov 2013.
17. P. Shobha Rani and **Dr. A. Lakshmi Devi**, "Sizing and placement of multi distributed generation using exact loss formula" International journal of advanced research in Electrical, Electronics and Instrumentation engineering", Vol. 2, issue 11, Nov 2013.
18. G. Mohan and **Prof A. Lakshmi Devi**, "Design and simulation of dynamic voltage restorer (DVR) using SPWM and SVPWM Techniques for voltage sags and voltage swells mitigation". IJMER Journal, Vol.3. Issue 6 Nov-Dec 2013 pp 3469-3475. ISSN: 2249-6645.
19. U Solomon Raju and **Prof A Lakshmi Devi** "Real-Time Digital Simulation Of Control System With Lab view simulation Interface Toolkit And Simulation Module", International Journal of Research in

20. RamprasadKannemadugu and **Prof A. Lakshmi Devi** “Performance Improvement Of Transmission System Using UPFC by GA And PSO Algorithms”, International Journal of Electrical and Electronics in Engineering (IJEEE), ISSN(P): 2278-9944, ISSN (E):2278-9952, Vol.3, Issue, Jan, 2014, pp.1-8
21. P. Shobha Rani, **Prof A. Lakshmi Devi**,“ Performance Improvement Of distribution System Using Multi Distributed Generation using PSO”, International Journal Of Electrical Engineering &Technology (IJET), Volume 2, Issue 2, Feb (2014), pp. 44-50, Journal Impact Factor (2014): 6.8310
22. P. Shobha Rani, **Prof A. Lakshmi Devi**, K. Dhananjaya babu, “Loss Minimization and Voltage Improvement In Transmission Systems Using Multi Distributed Generation”, International Journal Of Electrical Engineering &Technology (IJET), Volume 5, Issue 4, April (2014), pp. 20-26, Journal Impact Factor (2014): 6.8310

1st July 2014 to 30th June 2015

23. P. Sobha Rani, **Prof. A.Lakshmi Devi**, “Optimal Placement of Multi DG Unit in Distribution Systems Using Evolutionary Algorithms” *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 9, Issue 6 Ver. IV (Nov – Dec. 2014), PP 47-52* www.iosrjournals.org DOI: 10.9790/1676-09644752
24. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, “ Application of Gravitational Search Algorithm and Fuzzy For Loss Reduction of Networked System Using Distributed Generation, “*IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 10, Issue 1 Ver. II (Jan – Feb. 2015), PP 33-37* DOI: 10.9790/1676-10123337
25. **Prof. A.Lakshmi Devi** and G. Gowtham,” Power loss reduction and Voltage profile improvement by DSTATCOM using PSO” *International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 4 Issue 02, February-2015*
26. **Prof. A. Lakshmi Devi** and B Udaykumar, “Operation of Parallel Inverters for Power Quality Enhancement and Interfacing Distributed Energy Resources” *International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 4 Issue 03, March-2015*

1st July 2015 to 30th June 2016

27. G. Siva Kumar and **Dr. A. Lakshmi Devi**,”Modelling and Controlling of Wind Turbine with PMSG for Maximum Power Tracking” Technical Research Organisation India ISSN (PRINT):2394-3408,(ONLINE):2394-3416, VOLUME-2, ISSUE-5, 2015.
28. S.Abeed Ali and **Dr.A.Lakshmi Devi** "Multiple DG Placement For Voltage Profile Improvement and Loss Reduction Using IA and PSO Methods", in IPASJ International Journal Of Electrical Engineering (IJEE), ISSN 2321-600X, Volume 3, Issue 10, October 2015.
29. R.Pavan Kumar Naidu and **Dr.A.Lakshmi Devi** "Comparison of GA and PSO in DG Allocation for Maximum benefit in distribution network" in International Journal of scientific engineering and technology research(IJSETR), ISSN 2319-8885, Volume 4, Issue 42, October 2015
30. R.Pavan Kumar Naidu and **Dr.A.LakshmiDevi**"Optimized DG Allocation for Maximum Benefits based on Genetic Algorithm in Distribution Networks ",in International Journal of Emerging Trends in Engineering and Development(IJETED), ISSN 2249-6149, Issue 5, Vol. 5 (Aug.-Sep. 2015).
31. V.Suryanarayanareddy and**Prof. A. Lakshmi Devi**.”Minimizing the transmission line loss by Using Inter Power Flow Controller” International Journal of engineering trends and technology, ISSN: 2349-0918, vol 27 Sep 2015.
32. V.Suryanarayanareddy and **Prof. A. Lakshmi Devi**.”Optimal Placement of IPFC using Genetic Algorithm for Transmission line loss reduction” in IJAREEIE, vol 4, issue 9 Sep 2015.

33. G. Siva Kumar and **Dr. A. Lakshmi Devi**, "Power quality improvement of grid connected wind energy conversion system for optimum utilization of variable speed wind turbines" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 13 (2015) pp 33152-33154.
34. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, "Distributed Generation Placement and Sizing for Maximum Saving in Distribution System Using Gravitational Search Algorithm" Proceedings of NCPS conference published in International Journal of Power Systems & Microelectronics (TJPRC: IJPSM) Vol. 1, Issue 1, Dec 2015, 33-42 © TJPRC Pvt. Ltd.
35. G. Harisha and **Dr. A. Lakshmi Devi**, "Performance Improvement of Distribution Network Using Capacitors and Distributed Generation Units" International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol3, Issue 12, December 2015, ISSN (Online) 2321-2004, ISSN (Print) 2321-5526.
36. K. Pavani and **Dr. A. Lakshmi Devi**, "Reactive Power Compensation of Radial Distribution Networks with Unified Power Quality Conditioner (UPQC) and Capacitor Allocation using Multi-Objective Particle Swarm Optimization" International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol3, Issue 12, December 2015, ISSN (Online) 2321-2004, ISSN (Print) 2321-5526.
37. A. HemaSekhar and **Dr. A. Lakshmi Devi**, "Placement of Firing Angle Model of TCSC FACTS Devices for Voltage Profile Improvement and Loss Reduction by using PSO algorithm" International Journal of Latest Engineering and Management Research (IJLEMR), ISSN: 2455-4847, REETA-2K16.
38. BV Srikanth and **Dr. A. Lakshmi Devi**, "Voltage Stability Analysis and Bifurcation Techniques: A Detailed Survey" International Journal of Latest Trends in Engineering and Technology (IJLTET) ISSN: 2278-621X, Vol 7 issue 3 June 2016 Summer Special Issue.

1st July 2016 to 30th June 2017:

39. A. HemaSekhar and **Dr. A. Lakshmi Devi**, "Performance Improvement of Transmission System using TCSC with Firing Angle Control" Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, E-ISSN: 1817-3195, 15th September 2016, Vol. 91. No.1.
40. A. HemaSekhar and **Dr. A. Lakshmi Devi**, "Improvement of Voltage Profile and Reducing Power System Losses in Transmission System with Multiple TCSC Firing Angle Control Model with Dragonfly Algorithm" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331, Volume 11, Issue 5 Ver. II (Sep-Oct 2016), PP 10-21.
41. A. HemaSekhar And **A. Lakshmi Devi**, "Analysis Of Multi TCSC Placement In Transmission System By Using Firing Angle Control Model With Heuristic Algorithms", Arpn Journal Of Engineering And Applied Sciences, Issn 1819-6608, Vol. 11, No. 21, November 2016
42. Mr.A.HemaSekhar, **Dr. A. Lakshmi Devi**, "Placement Of TCSC For Analyzing The Performance Of Ransmission System By Using Hybrid Ga-Pso And Da-Pso", International Journal Of Scientific & Engineering Research, Volume 7, Issue 9, September-2016 Issn 2229-5518.
43. A. HemaSekhar And **A. Lakshmi Devi**, "Placement Of Firing Angle Model Of TCSC Facts Devices For Voltage Profile Improvement And Loss Reduction By Using Pso Algorithm", International Journal Of Latest Engineering And Management Research (Ijlemr) Issn: 2455-4847 Www.Ijlemr.Com || Reeta-2k16 | Pp. 544-551.
44. A. HemaSekhar And **A. Lakshmi Devi**, "Firing Angle SVC Model For Analyzing The Performance Of Transmission Network Using Newton Raphson Load Flow", International Journal Of Electrical Engineering & Technology (Ijeet) Volume 7, Issue 5, September–October, 2016, Pp.44–61.

45. A. HemaSekhar And **A. Lakshmi Devi**, "Performance Of Transmission System Using Firing Angle Model Of SVC By Conventional Method ", International Journal Of Electrical And Electronics Engineering Research (Ijeeer) Issn(P): 2250-155x; Issn(E): 2278-943x Vol. 6, Issue 5, Oct 2016, 33-46.
46. M. Tejeswara Reddy and **Dr, A. Lakshmi Devi**, "Design and Implementation of control strategy for the gird integration of cascaded H-bridge multilevel PV inverter with individual MPPT", International Journal of Advanced Research in Electrical, Electronics and Intrumentation Engineering (IJAREEIE), vol 5 issue II, pp 8617-8526, Nov 2016
47. P. Mounica and **Dr. A. Lakshmi Devi**, " A Novel Method on sizing and placement of DGs from DG owners and distribution companys viewpoint", International journal of Advanced technology and innovative research in Electrical, Electronics, Instrumentation and Control Engineering Nov 2016.
48. B. Pavani and **Dr. A. Lakshmi Devi**, "Voltage Control in distribution systems considering the impact of PV generation using MPPT controllers on Tap-changers and autonomous regulators", International journal of Advanced technology and innovative research, Nov 2016
49. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, "Siting and Sizing of DG for Maximum Cost Saving in Distribution System with Increasing Load Scenario Using Fuzzy and Water Flow-like Algorithm", Journal of Central Power Research Institute (Accepted)
50. A.Hema Sekhar, Dr.A.Lakshmi Devi "A New Approach for Placement of Firing Angle Model of TCSC To Improve The Performance of Transmission System" --- Journal of CPRI(2017).
51. A.Hema Sekhar, Dr.A.Lakshmi Devi," Optimal Sizing and Placement of Advanced SVC in Transmission System by using Evolutionary Algorithms", i-manager's Journal on Electrical Engineering, Vol. 10 | No. 3 | January - March 2017, pp. no 37-49.
52. A.Hema Sekhar, Dr.A.Lakshmi Devi,"Optimal Location of Advanced Model of UPFC Device for Analyzing the Performance of Transmission System: A Hybrid DA-PSO Approach", International Journal of Control Theory and Applications, ISSN 0974-5572 @ International Science Press, Vol 10, No. 22, pp.no 217-232, Feb 2017

1st July 2017to 30th June 2018:

53. BV Srikanth and **Dr. A. Lakshmi Devi**, " Optimal Location And Sizing Of Svc Using Genetic Algorithm To Find Voltage Saddle Node Points For Improving Voltage Stability" *International Journal of Pure and Applied Mathematics* ISSN: 1311-8080, Volume 114 No. 12 2017, 477-489.
54. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, "Siting and Sizing of DG for Maximum Cost Saving in Distribution System with Increasing Load Scenario Using Fuzzy and Water Flow-like Algorithm", Journal of Central Power Research Institute , September 2017.
55. A.Hema Sekhar, **Dr.A.Lakshmi Devi** "Implementation Of Advanced Static Var Compensator (Svc) Model For Minimizing The Transmission Losses And Improving The Voltage Profile Using Non-Conventional Algorithms ", Journal of Electrical engineering(JEE)(Free Journal) Volume 17/2017.
56. T. Narashimha Prasad, **Dr. A. Lakshmi Devi** "A Simplified Control Strategy For Dc Micro Grid Consists Of Multiple Distributed Generation Sources" in ARPN Journal of Engineering and Applied Sciences ,ISSN 1819-6608, VOL. 13, NO. 6, MARCH 2018.(Scoups)
57. R.Sasidhar, **Dr. A. Lakshmi Devi**, "Analysis of Five-Level Diode Clamped MultiLevel Inverter Fed Permanent Magnet Synchronous Machine Drive", *Journal of Advanced Research and Dynamical Control Systems (JARDCS)*, Vol. 10, 07- Special Issue, 2018, pp.(220-233), ISSN 1943-023X(Scoups)

1st July 2018to 30th June 2019:

58. P.Ramasubba Reddy, **Dr. A. Lakshmi Devi**, "Optimal Sizing And Placement of STATCOM In Transmission Systems Using Gravitational Search Algorithm" *International Journal of Advanced Research and Innovative ideas in Education*, Vol. 4, Issue.2, pp.3027-3034,2018.
59. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, "Cost Benefit Analysis based DG Placement and Sizing in Practical Distribution System Using Fuzzy and DE Algorithm", *Journal of The Institution of Engineers (India): Springer Series B* (Revised and submitted)
60. R.Sasidhar, **Dr. A. Lakshmi Devi** "Speed Control Analysis Of Lscpwm Driven Seven-Level Inverter Fed Permanent Magnet Synchronous Motor Drive" in ARPN Journal of Engineering and Applied Sciences,ISSN 1819-6608, VOL. 14, NO. 1, January 2019. (**Scoups**)
- 61.R.Sasidhar, **Dr. A. Lakshmi Devi**, "Analysis of Five-Level Diode Clamped MultiLevel Inverter Fed Permanent Magnet Synchronous Machine Drive", *Journal of Advanced Research and Dynamical Control Systems (JARDCS)*, Vol. 10, 07- Special Issue,2018,pp.(220-233), ISSN 1943-023X (**Scoups-Free**)
- 62.R.Sasidhar, **Dr. A. Lakshmi Devi** "Speed Control Analysis Of LSCPWM Driven Seven-Level Inverter Fed Permanent Magnet Synchronous Motor Drive" in ARPN Journal of Engineering and Applied Sciences,ISSN 1819-6608, VOL. 14, NO. 1, January 2019. (**Scoups**)
- 63.R.Sasidhar, **Dr. A. Lakshmi Devi** "Speed Control of PMSM Drive fed with Nine Level Inverter" *International Journal of Engineering and Advanced Technology (IJEAT)*. (**Scoups- Free**) (**Communicated**)
- 64.R.Sasidhar, **Dr. A. Lakshmi Devi** "Comparative Analysis of PI and Fuzzy Controlled PMSM drive fed with Nine Level Inverter" *International Journal of Power Electronics and Drive System (IJPEDS)*. (**Scoups**) (**Communicated**)
65. T.Narasimha Prasad, **Dr. A. Lakshmi Devi**"Droop Control of Bidirectional DC-DC converter for Improved Voltage Regulation and Load sharing in DC Microgrid " in *International Journal of intelligent engineering & systems*,Vol.12,No.3,2019 (Scopus Indexed Journal) (published in April-May 2019)
66. T.Narasimha Prasad, **Dr. A. Lakshmi** "A Simplified Control Strategy For Dc Micro Grid Consists Of Multiple Distributed Generation Sources" in ARPN Journal of Engineering and Applied Sciences ,ISSN 1819-6608, VOL. 13, NO. 6, MARCH 2018(Scopus Indexed Journal)

1st July 2019to till date:

67. S Ghousul Azam and **Dr. A. Lakshmi Devi**, "Optimal DG Placement in radial distribution system with various Load clusters", *International Journal of Electrical, Electronics and Computer Science Engineering*, Volume 6,Issue 4, Page No 7-14, August 2019.
68. N.Adithya and **Dr. A. Lakshmi Devi**, "Optimal Location and Parameters setting of GUPFC for Transmission loss Minimization Using Grey Wolf Optimisation Algorithm", **JRMAT JOURNAL**, **Volume 10, Page No91-89, Issue12, December-2019**
69. CH.LAVANYA **Dr. A. LAKSHMI DEVI**, " Minimization of Fuel Cost in Solving the Power Economic Dispatch Problem including Transmission Losses by using Firefly Algorithm ", *Journal Engineering Sciences*, Vol 10, Issue 12, Dec /2019 ISSN NO:0377-9254
70. T.Narasimha Prasad, **Dr. A. Lakshmi Devi**" A Unified Droop Control Strategy For Dc Bus Voltage Regulation And Mppt Control Of Multi Input Bi-Directional Dc-Dc Converterin Ac-Dc-Microgrid"in

Journal of Mechanics of continua and Mathematical sciences, Issue No-5,January 2020, page:408-423.

71. T.Narasimha Prasad, **Dr. A. Lakshmi Devi**“ Droop Control of Interlinking Converter for Load sharing among AC and DC Microgrids in Autonomous Operation” (got acceptance form the Journal:Journal of Computational and Theoretical Nanoscience,(SCOPUS).
- 72.T.Narasimha Prasad, **Dr. A. Lakshmi Devi**“Cost-Based Interlinking Converter Droop Control Strategy for Load management with improved Voltage Regulation in AC-DC-Microgrid” published in the springer Journal: Journal of control and automation of electrical systems,(SCOPUS, ESCI)),Volume:32,issue: 4,pages:1071-1086,2021
- 73.M.Veena and **Dr.A.Lakshmi Devi** “ Fractional order PID based coordinated control strategies for DG units in an unbalanced Microgrid”.International journal of Analytical and Experimental modal analysis(IJAEMA),volXIII,issue II,Feb-2021.
- 74.D. Kodanda Krishna ,**Dr. A. Lakshmi Devi** “Optimal Allocation of Distributed Generation using SALP Swarm Algorithm”Design Engineering ISSN: 0011-9342 | Year 2022 Issue: 1 | Pages: 1293 – 1308.
75. Mulumudi. Rajesh, **Dr.A. Lakshmi Devi**, ”Novel Approach for Control of Renewable Power Generation Systems by Synchronous Power Controller”,i-manager’s journal on Power Systems Engineering, Volume 8, No.2, May-July 2020.
76. Mulumudi. Rajesh, **Dr.A. Lakshmi Devi** ,”Wind, PV, Solar, Hydro and Hybrid Energy Storage System-Based Intelligent Adaptive Control for Standalone Distributed Generation System”,SSRG International Journal of Electrical and Electronics Engineering,ISSN:2348-8379 Volume 9, Issue 11, 67-94, November 2022.
77. Bommidi Sujatha, **Dr. A. Lakshmi Devi**” PMU Data based Fault Detection Using a RBFNN”, Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Volume 9, Issue 11, December 2022.
78. D. Venkayya, **Dr. A. Lakshmi Devi**,”Optimal Power Flow Analysis for Power Loss Reduction using JAYA Algorithm”,International Journal For Multidisciplinary Research, E-ISSN: 2582-2160, Volume 5, Issue 1,(January-February 2023).
79. Peddireddy SaiKumar Reddy, **Dr. A. Lakshmi Devi**”Allocation and Sizing of DG in the Distribution System Using the Cuckoo Search Algorithm”,Journal of Emerging Technologies and Innovative Research: ISSN:2349-5162, Volume 10, Issue 1,January 2023.
80. Ram Prasad Kannemadugu, V. Adhimoorthy and **A. Lakshmi Devi** “ Multi objective Optimization for Enhancement of Technical-economic and Environmental Benefits of Radial Distribution Networks using GTO algorithm “Journal of Harbin Engineering University,ISSN: 1006-704 Vol44,issue8,pages981-990,August 2023.
81. Ram Prasad Kannemadugu, V. Adhimoorthy and **A. Lakshmi Devi** “Optimal allocation of combined DG and DSTATCOM for enhancement of Voltage stability in Radial Distribution Networks”, IJST(Indian Journal of science and technology)- 2023-1042(Accepted for publication)
82. Mulumudi. Rajesh, **Dr.A. Lakshmi Devi** ,”Performance of Fuzzy based DVR for Standalone Hybrid PV-Wind Power System Using Battery”

LIST OF PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES

1. **A.Lakshmi Devi** and K.R.Padiyar, “*Control and Simulation of Static Condenser*”, Applied power Electronics Conference and Exposition, Florida, February 13-17, 1994.
2. **A.Lakshmi Devi** and K.Srimannarayana “ *Renewable energy sources-Biomass is an Alternate source*”, Proceedings of the All India Seminar/Conference on Advances in Mechanical engineering August 2004, Dept of Mech.Engg,S.V.U.College of Engineering,Tirupati.
3. **A.Lakshmi Devi** and K.Srimannarayana , “ *Energy Auditing and Conservation techniques in an Industry(Diamond Casting Pvt.Ltd)-A Case study*”, Proceedings of the All India Seminar/Conference on Advances in Mechanical engineering August 2004,Dept of Mech.Engg,S.V.U.College of Engg,Tirupati.
4. **A.Lakshmi Devi** and K.Srimannarayana , “ *Performance evaluation of the centralized AC plant of M/s Tamil nadu News Prints & papers Ltd,-A Case Study*” ,Proceedings of the All India Seminar/Conference on Advances in Mechanical engineering August 2004,Dept of Mech.Engg,S.V.U.College of Engg,Tirupati.
5. **A.Lakshmi Devi** and K.Srimannarayana , “ *Energy conservation and Cost effective planning in an Industry(BHEL)-A Case Study*” ,AICTE sponsored National conference on Energy management to meet the challenges of Energy requirements,Dept of EEE, Kumara guru college of Technology, Coimbatore.
6. **A.Lakshmi Devi** and B.Subramanyam, “*Method of Enhancement of Distribution system efficiency using HVDS*”,National conference on emerging trends in Power sector,Dept. of management studies, S.V.University, Tirupati, March 2005.
7. **A.Lakshmi Devi** , B.Subramanyam and Naveen Kumar, “*Performance of fuzzy logic based PSS and SVC supplementary control*”, National Conference on recent trends in electrical engineering(RTE05), KS Rangaswamy college of technology, Tiruchungode 29th and 30th Aug,2005.
8. **A.Lakshmi Devi** and Hemachendra Reddy, “ *Evaluation of 11kV Distribution system losses using PSS/ADEPT software*” ,National Conference on recent trends in electrical engineering(RTE05), KS Rangaswamy college of technology, Tiruchungode 29th and 30th Aug,2005.
9. **A.Lakshmi Devi** and P.Narendra“*Reactive power compensation in radial distribution network using fuzzy logic*”, National conference on power system engineering in the making, ‘trends and challenges’,(PSE’006), Dept of EEE, Sri Ramakrishna Engg college, Coimbatore, July,2006.
10. **A.Lakshmi Devi** and Maheedhar, “*Voltage regulation of Distribution system with Distributed Generation*”, GitamUniversity,Visakhapatnam, Dec, 2006.
11. **A.Lakshmi Devi** and B.Subramanyam“ *Power loss reduction in distribution System high voltage Distribution system-A case study*”, All India seminar /conference on Emerging Trends in Mechatronics & Instrumentation,S.V.University ,Tirupati, June 2007.
12. **A.Lakshmi Devi**, B.Subramanyam and B.Ramya “*Reactive power compensation in Radial distribution systems with capacitor placement using fuzzy logic-A case study*”, All India seminar /conference on Emerging Trends in Mechatronics & Instrumentation,S.V.University ,Tirupati, June 2007

13. **A.Lakshmi Devi** and B.Ramprasad“*Comparative study of load flows in RadialDistribution systems with and without fuzzy logic-Case studies*”,proceedingsof the National conference on power engineering and process controls NCCP’), 28th -29thNovember 2007.
14. **A.Lakshmi Devi** and P.Nagendra, “*Active Management of Distribution system with windpower*”, National conference on emerging trends in Engineering, SVP CET, Puttur, A.P, April 16 -17, 2008.
15. **A.Lakshmi Devi** and O.Vamsi Krishna, “*Particle swam optimization approach to combined economic and EmissionDispatch*”, proceedings of the National conference ,Recent advances in Electrical engineering ,EAR-2008,JNTU College of engineering,Anantapur,3rd May 2008.
16. **Dr. A. Lakshmi Devi**andMadhukar,“*Measurement based voltage stability monitoring ofpowersystem*”,Dec, 2008.
17. P. Sobha Rani, **Prof A. Lakshmi Devi**, K. Dhananjaya babu, “*Loss Minimization In Transmission Lines Using Multi Capacitor And Multi Distributed Generation-A Comparative Study*”, Proceedings of 10th IRF International Conference, Chennai, India, 08th June 2014, ISBN: 978-93-84209-26-1
18. J.D Shivateja and **Prof. A. Lakshmi Devi**, “” sponsored by DST – SERB, New Delhi, and Organised by Dept. Of ECE on 18th & 19th Feb 2015 at MITS, Madanapalle.
19. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, “Optimal Distributed Generation Sizing and Placement Based On Maximum Cost Saving” National Level seminar and Conference on Energy Conservation Mission, Institution of Engineers, on Aug 27th to 29th 2015, vol.2, pp.166-170, Tirupati.
20. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, “Distributed Generation Placement and Sizing for Maximum Saving in Distribution System Using Gravitational Search Algorithm” National Conference on Power Systems (NCPS-2015), pp.111 - 115, September 25th-26th 2015, Visakhapatnam.(**Published in TRANS Stellar Journal TJPRC: IJPSM,) Scopus indexed**
21. K. Dhananjaya Babu and **Dr. A. Lakshmi Devi**, "Cost effective Distributed Generation placement using differential evolution for loss reduction in networked systems," IEEE 2015 International Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG), Kurnool, 2015, pp. 6-10. DOI: 10.1109/PCCCTSG.2015.7503946 (**Published in IEEE Xplorer , Scopus indexed**)
22. K. Dhananjaya Babu and **Dr. A. Lakshmi Devi**, "Cost effective Distributed Generation Placement and sizing using Water Flow-like Algorithm," IEEE 2016 Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), Bangalore, 2016, pp. 1-6. DOI: 10.1109/PESTSE.2016.7516370 (**Published in IEEE Xplorer , Scopus indexed**)
23. K. Dhananjaya Babu, **Dr. A. Lakshmi Devi**, “Cost Analysis of DG Placement and Sizing in Tirupati Distribution System Using Differential Evolution Algorithm” 2016 National Conference on Power Distribution, Organized by Distribution system Division, Central Power Research Institute, Bengaluru, on 11thto 12th February 2016.
24. T. Narashimha Prasad, **Dr. A. Lakshmi Devi**, “Three Phase Grid Connected Photovoltaic System using z-source inverter” 2016 National Conference on Power Distribution, Organized by Distribution system Division, Central Power Research Institute, Bengaluru, on 11thto 12th February 2016.
25. BV Srikanth and **Dr.A. Lakshmi Devi**,”Voltage Stability analysis IEEE 30 Bus System using Continuation power flow method” International Conference on Emerging Trends in Electrical and power Engineering: ”ICEEPE-2016”, ISBN: 978-93-5254-987-0, Volume-1.
26. A. HemaSekhar And **A. Lakshmi Devi**,” Voltage Profile Improvement And Power System Losses Reduction With Multi Tcsc Placement In Transmission System By Using Firing Angle Control Model With Heuristic Algorithms”, Ieee International Conference On Signal Processing, Communication,

Power And Embedded System (Scopes)-2016,Centurian University Of Technology And Management,Odisha,During 3rd – 5th October 2016.

27. A. HemaSekhar And **A. Lakshmi Devi**,” Application Of Hybrid GA-PSO And DA-PSO In Optimal Placement Of Advanced Svc Model Considering Voltage Stability And Transmission Losses”, 1st International Conference On Green Power Technology In Power Grid: Issues, Challenges & Control (Gptpg-2016) 27th – 29th, October 2016.
28. A. HemaSekhar And **A. Lakshmi Devi**,”Optimal Location Of Advanced Model Of UPFC Device For Analyzing The Performance Of Transmission System: A Hybrid Da-Pso Approach”, International Conference On Allied Electrical And Communication Systems Icaecs 2016 Vfstr University, Vadlamudi, Guntur ,8 – 10th December, 2016
29. A. HemaSekhar And **A. Lakshmi Devi**,” Optimal Placement Of Advanced Multi TCSC For Enhancement Of Power System Performance By Using Conventional Method Annual National Conference On Recent Advances In Power, Industrial Drives, And Energy Evolutionary Technologies (Rapideet-2016) 24 – 25th October 2016.
30. A. HemaSekhar And **A. Lakshmi Devi**,”Optimal Placement Of Multi Tcsc In Transmission System Firing Angle Control Model With Genetic Algorithm”, A National Conference At QIS College, Ongole.
31. P. Hemasree and **Dr. A. Lakshmi Devi**, “ Loss minimization and voltage profile improvement using autonomous group PSO in a distribution power systems”, 1st international conference on Green power technology in power grid: Issues, challenges and control, Sri Venkateswara university, Tirupati, 16th - 18th Nov, 2016.
32. P. Hemasree and **Dr. A. Lakshmi Devi**, “ Comparison between newton raphson and continuous power flow in power system using MATLAB”, National conference on renewable electrical energy technologies and automation, Puttur, 15th – 16th July 2016
33. V. Swetha and **Dr. A. Lakshmi Devi**, “Impact of various load models on DG placement and sizing using back tracking search algorithm”, 1st international conference on Green Power Technology in Power Grid: Issues, Challeges and Control, Sri Venkateswara University, Tiruupati, 16th – 18th Nov, 2016.
34. R.Sasidhar and **Dr. A. Lakshmi Devi**, “Simulation of Autonomous PV fed water pumping system with closed loop PMSM drive using PI and Fuzzy controllers”, 1st international conference on Green Power Technology in Power Grid: Issues, Challenges and Control, Sri Venkateswara University, Tirupati, 16th – 18th Nov, 2016
35. A. HemaSekhar And **A. Lakshmi Devi**,”Hybrid Optimization Algorithms for Analyzing the Performance of Transmission System Incorporating Advanced SVC Model --- IEEE Sponsored International Conference on Innovations in Electrical, Electronics, Instrumentation and Media Technology - ICIEEIMT17, Karunya University, Coimbatore, Tamil Nadu During 3rd – 4th February 2017
36. R.Sasidhar and **Dr. A. Lakshmi Devi**, “PV Integrated High Voltage Gain DC-DC Converter Fed PMSM Drive for Water Pumping System” IEEE 2018 International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018), Priyadarshini Engineering College, Vellore District, Tamil Nadu, India, January 28-29, 2018, pp. 288-296.

37. SreemanthulaHarithasree ,**Dr. A. Lakshmi Devi** and K.Vikram, “Real Time analysis of Powerlosses of 33kV Sub-Transmission Network” International Conference on recent Innovations in Engineering and Technology (ICRIEAT), 21st December-2017, Hyderabad,Telangana.
38. R.Sasidhar and **Dr. A. Lakshmi Devi**, “Simulation of Autonomous PV fed water pumping system with closed loop PMSM drive using PI and Fuzzy controllers”, 1st international conference on Green Power Technology in Power Grid: Issues, Challenges and Control, Sri Venkateswara University, Tirupati, 16th – 18th Nov, 2016
39. R.Sasidhar and **Dr. A. Lakshmi Devi**, “PV Integrated High Voltage Gain DC-DC Converter Fed PMSM Drive for Water Pumping System” IEEE 2018 International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018), Priyadarshini Engineering College, Vellore District, Tamil Nadu, India, January 28-29, 2018, pp. 288-296.
40. T. Narashimha Prasad, **Dr. A. Lakshmi Devi** “**Energy management of microgrid based grid-connected PV system**” 1st international conference on Green Power Technology in Power Grid: Issues, Challenges and Control, Sri Venkateswara University, Tirupati, 16th – 18th Nov, 2016
41. T. Narashimha Prasad, **Dr. A. Lakshmi Devi** “**Droop Control of Proportional Resonant Controller Fed Hybrid Distributed Generator in Low voltage AC Microgrid**” at “IEEE 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT-2019) held at, VimalaJyothi Engineering College, Kannur (Dt.), Kerala, India on 5th& 6th July 2019”.
42. Ghousul Azam Shaik, **Lakshmi Devi Aithepalli**,“**Application of Runge Kutta method for Performing the Time Domain Simulation on Single Machine Infinite Bus System with Automatic Voltage Regulator**” was presented in Control Instrumentation System Conference(CISCON-2022) for publishing the work under the imprint Springer in the book series “Lecture Notes in Electrical Engineering” indexed in SCOPUS held at Manipal University, Manipal, India on October 28th -29th ,2022
43. Kuruva Raju, **A. Lakshmi Devi**,”**Analysis of Observer based Decentralized Load Frequency Controller for Hybrid Power Systems**”,was presented at the international conference on “Recent Trends in Engineering and Technology (ICRTET-2022) organized by KSRM College of Engineering, Kadapa, Andhra Pradesh, India on 29th December, 2022
44. Ghousul Azam Shaik, **Lakshmi Devi Aithepalli** ,“**Identification of Hopf Bifurcation Point Using Small Signal Stability Analysis in a Power System with Increased Load and Generation**” was presented in 2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies(ICAECT 2023) for publishing the proceedings in the IEEE Xplore held at Shri Shankaracharya Technical Campus(SSTC), Bhilai, Chhattisgarh, India on January 5th -6th , 2023
45. Mulumudi. Rajesh, Lakshmi Devi (2023),” **Design and development of a fuzzy-based single phase STATCOM operator for non-linear loads in standalone PV systems to improve power quality**” was presented in the IEEE sponsored OPJU International Technology Conference on Emerging Technologies for Sustainable Development (OTCON 2.0) held at the OP Jindal University, Raigarh, Chhattisgarh, India during 8th-10th February, 2023.
46. Mulumudi. Rajesh, Lakshmi Devi (2023), “**ANN Based Single Phase Bidirectional DC-AC Boost Inverter for Grid Connected Solar Photovoltaic Systems without a transformer**”.IEEE international conference on innovations in power and advanced computing technologies”, i-PACT 2023 (Accepted for publication)

LIST OF SUMMER SCHOOLS AND WINTER SCHOOLS / WORKSHOPS ATTENDED

S.NO	Title Of The Event	Organising Institute	Duration
1	Recent advances in Power Electronics	Indian Institute of Science,Bangalore	10th -21st Aug 1998
2	Recent trends in Power generation and energy management	SathyabamaEngineeringcollege,Chennai	15 th -27 th March 1999
3	Recent trends in energy conservation through Exergeticsystem optimization	Vellore EnggCollege,Vellore	19 th -30 th June 2000
4	EMTP,Matlab,Pspice Packages And Their Applications In Electrical Engg	NIT,WARANGAL	27 th dec1999 to 8 th January 2000.
5	AICTE_ISTE sponsored short term training program on electrical safety and management	Annamalaiuniversity,Annamalai Nagar	June 17 th -28 th June2002
6	AICTE_ISTE sponsored short term training program on “Real time energy management Systems”	NIT,Warangal	15 th -27 th Dec 2003
7	Refresher course on Energy conservation and Management	UGC Academic Staff college ,JNTU,HYDERABAD,A.P	24 th Feb to15 th March 2003.
8	International conference on Recent developments in statistics and their applications (ICRDSA),	Dept of Statistics, S.V.University, Tirupati.	3rd and 4th Jan 2005,
9	Basic Electronics	IIT ,Bombay	28 th June-8 th July 2011.
10	Capacity Building of Women Managers in Higher Education SAM Workshop	English Dept,S.V.University, Tirupati	26 th July -30 th July 2011
11	Workshop on Smart Grid Technologies-Issues and Challenges	Dept of EEE, S.V.U.College of Engg,Tirupati	20 th Aug -21 st Aug 2011.
12	One day workshop on Cloud computing	UGC-SVU Centre For MST radar Applications,Dept of Physics,S.V.University,Tirupati	8 th Nov 2011
13	National Conference on Emerging trends in Communications and Signal processing Techniques SANKETA-2012	Dept of ECE,S.V.U.College of Engg& IETE-TIRUPATI Centre.	21 st January 2012
14	Faculty development Program on Student outcomes-Based Engineering Education for Enhanced employability	S. V. U. College of Engg, Tirupati.	5 th January 2013.
15	VLSI Design flow using Synopsis EDA TOOLS	Dept of ECE,SVU College of Engineering,Tirupati.	12 th April-13 th April 2013.
16	Workshop on Recent Advances in Power Systems	Dept of EEE, S.V.U.College of Engg, Tirupati.	5 th July -6 th July 2013
17	Workshop on “Intellectual property rights”	S V University College of Engg, Tirupati	15 th Mar, 2014.
18	Workshop on “Quality initiatives in technical and higher educational	Engineering staff College of India, Hyderabad	8 th to 10 th Oct, 2014

	institutions”		
19	Workshop on Control Systems	IIT Kharagpur	02 nd Dec – 12 th Dec 2014
20	Workshop on “ TEQIP-II Management Capacity Enhancement Programme”	IIM Tiruchirappalli, Chennai Campus.	12 th to 16 th Oct, 2015
21	Workshop on “ Intellectual Property Rights”	ESCI, Institution of Engineers and SVU College of Engineering, Tirupati	18 th to 20 th Nov 2015
22	National level Workshop on “E-CAD”	Dept of EEE, S.V.U.College of Engg, Tirupati	29 th to 30 th July 2016
23	1 st International Conference on “ GREEN POWER TECHNOLOGY IN POWER GRID : ISSUES, CHALLENGES AND CONTROL”	Dept of EEE, S.V.U.College of Engg, Tirupati	16 th to 18 th November 2016
24	A Two Day Seminar on “CAREER GUIDANCE & APTITUDE SKILLS” (CGAS-2017)	S.V.U.College of Engg, Tirupati	3 rd – 4 th March-2017
25	Faculty development Program on SAKSHAM-TEACHING WITH TECHNOLOGY TRAINING	S.V.U.College of Engg, Tirupati	14 th to 15 th September-2018
26	A Two day Seminar on “ ROLE OF DIGITAL TECHNOLOGY FOR NATIONAL DEVELOPMENT”	S.V.U.College of Engg, Tirupati	26 th to 27 th October-2018
27	A Five day online Faculty development Program on “INTEGRATION OF RENEWABLE ENERGY SYSTEMS-RESEARCH TOOLS/ INDUSTRIAL PERSPECTIVE”	Lakkireddy Bali Reddy College Of Engineering; Mylavaram, Krishna;AP	18 th to 22 th May-2020
28	A Three day Seminar on “ YOGA & MEDITATION”	Sri Padmavathi Womens Polytechnic, Tirupati	27 th to 29 th August-2020
29	A Four day online Faculty development Program on “CHALLENGES AND OPPORTUNITIES OF ENERGY AND SENSOR APPLICATIONS”	JNTUA College of Engineering , ANANTAPURAMU	23 th to 26 th September-2020
30	One week national level online faculty development Program on “Recent trends in Electrical engineering”	Geethanjali Institute of Science and Technology,Gangavaram,Nellore (dt)	16 th August to 23 August 2021
31	One day webinar on” Commercialization of Academic IP: A snapshot of a University Office of Technology and Commercialization”	Purdue University, USA in partnership with IQAC,Sri Venkateswara university, Tirupati	24-08-2021
32	One day webinar on”Importance of Entrepreneurship at a university” at a University “	Northeastern University, Boston in partnership with IQAC,Sri Venkateswara university, Tirupati	2-9-2021
33	One week national level online faculty development Program on “Modern Research innovative techniques in Smartgrid technologies”	Narayana Engineering college,Nellore	15 th Feb to 19 th Feb 2022

AWARDS RECEIVED

**BEST TEACHER FOR ACADEMIC YEAR 2020-2021 RECEIVED FROM
S.V.UNIVERSITY ,TIRUPATI.**

GUEST LECTURES DELIVERED

- Delivered a Guest lecture on “FACTS CONTROLLERS” in S.V. Engineering College, Chittoor, 2004 in Faculty development Programme.
- Lecture delivered on “Applications of DG Units in Distribution Systems” on 12-07-2008 in Sri Venkatesa Perumal College of Engg & Technology, Puttur
- Delivered a Guest lecture on “Recent advances in Distribution systems” in Sri Venkatesa Perumal Engineering College, Puttur, 2009 in Faculty development Programme.
- Delivered a Guest lecture on “HVDC Transmission” in Sri Rama Engineering College, Tirupati, 2013 as Key note address.
- Delivered a guest lecture on “Energy management in Distribution systems” in AITS, Rajampet in May 2021

MEMBER OF PROFESSIONAL BODIES

- Life member of SVUTA (Sri Venkateswara university teachers association)
- Life member of ISTE (Indian Society for technical education)
- Fellow of IE India (Institution of Engineers)

COMMITTEE MEMBER

- Acted as member and Convener of Time table committee
- Acted as Convener of Departmental meetings.
- Acted as Additional chief of exams at college level.
- Acted as member of anti-ragging committee at college level.
- Acted as member of board of studies in Electrical and Electronics Engineering.
- Worked as Deputy Warden twice, S. V. U. Women Hostels, Tirupati.
- Worked as member and Convener of UG Committee.
- Worked as member of PG Committee.
- Worked as member of APSEB exams.
- Worked as member of SVUTA SVU, Tirupati.
- External BOS member, JNTU, Anantapuramu

ADMINISTRATIVE POSITION HELD

- Acted as PG Co-ordinator (Power Systems), Dept of EEE, SVUCE, SV University, Tirupati
- Acted as NBA Co-ordinator, Dept of EEE, SVUCE, SV University, Tirupati
- Acted as BOS (UG) and BOS (PG) Chairperson, Dept Of EEE, SVUCE, SV University, Tirupati

- Acted as Head of the Department, Dept.of EEE from 2016-18
- BOS (PG), Chairperson, Dept Of EEE, SVUCE, SV University, Tirupati
- Acted as Selection committee member in CAS interviews at university level.
- Acted as selection committee member in IIT,Tirupai
- Acted as selection committee member in Ratification of Posts in Private engineering colleges

PRESENT ADMINISTRATIVE POSITION

- At present acting as BOS(pass)-Chairperson in the department of EEE,S.V.U.C.E,S.V.UNIVERSITY,TIRUPATI.
- Working as **Warden, SVU Women's Hostel**, Tirupati
- External BOS member ,JNTU Anantapuramu
- Member of Third party quality control committee member of (Cash and CG) in S.V University, Tirupati
- Member of sexual harassment and violence against women and corruption and grievances in S.V. University, Tirupati.