Dr G Ravi kumar Resume

1. **Name** : **Dr .Goli Ravi Kumar**
2. **Contact Number** : **9492466110**
3. **Email** : goli.raviprakash@gmail.com
4. **Contact Address** : H.No:10-16,Near Library,
   Old Mangalagiri-522 503,
   Guntur (dist), AP.

5. **Academic Background:**

Degree	Specialization	Name of the Institute	Year of Passing
PhD	Electrical Power Systems	JNTUK, Kakinada	April 2014
M.Tech	Advanced Power Systems	JNTU, Kakinada	March 2007
B.E	Electrical Engineering	AUCE, Visakhapatnam	June 1993
LEE	Electrical Engineering	Govt.Poly Tech, vijayawada	Dec,1984
SSC	---	ZP High School,Kondapalli	Apr,1981

6. **Experience: 24 years**

(a) Teaching Experience: 15.6 years

Position Held	Duration	Name of the Institute
Professor	Jan2017-Till date	Bapatla Engineering College, Bapatla
Professor & HOD	Sept2016-Dec2016	Kakatiya Institute of Technology&Sciences,Warangal
Professor & HOD	Jun2015-sept2016	Bapatla Engineering College, Bapatla
Professor & HOD	Jun2013-April2015	Vasireddy Venkatadri Institute of Tech, Guntur
Professor	May2012- Apr2013	Andhra Loyola Institute of Engg& tech, vijayawada
Assoc.Professor	Sept2007–Apr2012	Bapatla Engineering College,Bapatla
Asst.Professor	Jun2006-May2007	Chaitanya Engineering college, Visakhapatnam
Lecturer	July 2000-Jun 2004	GVRS College for Woman,Guntur

(b) Industrial Experience: 6.6 years

Position Held	Duration	Name of the organization
Maintenance Engineer(Electrical)	Feb1996-Dec1999	Microraj Electronics Pvt.Ltd,Hyd
Deputy Electrical Engineer	Oct1993-Feb1996	Kallam Spinning Mills Ltd,Guntur

7. **Title of PhD Thesis** **:** A Transient Current Based Double Transmission Line Protection using Wavelet-Fuzzy Approach in The presence of FACTS

   Supervisor: **1. Dr. S.S.Tulasi Ram (JNTU, Hyderabad)**

   2.Dr Shaik Abdul Gafoor (IIT, Jodhpur)

8. **Title of M.Tech Project**: Visual Basic 6.0 Aided power system security simulator.

   Project Guide: Dr.R.Kameswar Rao

9. **Professional Membership:** Institution of Engineers(India) – MIE

10. **PhD Guiding** **: 04**

S, no	**Name of Scholar**	**Title/area of specialization**	**University**	**Status**
1.	G.V.Satyanarayana	Wavelet based Power Quality Analysis of FACTS Controller Compensated Induction Generator connected system Under different load conditions.	**ANU**	Awarded
2.	Y.Manju sree	Wavelet Based Multi-terminal Transmission Line Protection in Presence of Renewable Energy and FACTS Devices.	**ANU**	Awarded
3.	S.chandrasekhar	A Transient Current Based Micro Grid Connected Power System Protection Scheme Using Wavelet Approach	**KLU**	Waiting for submission
4.	Y.Srinivas Rao	Interconnected Transmission Line Fault Detection Using Wavelet Transform and a Novel Machine Learning Algorithm	**KLU**	Waiting for submission

No. Of UG and PG Projects Guided: UG : 30 PG:15

11. Awards &Prizes:

Gold medal award for Best paper titled **'Fuzzy-Wavelet Based Double Line Transmission System Protection Scheme in the Presence of SVC'** (published in the Series 'B' Journal of IEI, Vol. 96, Issue has been selected for the **Union Ministry of Energy-Department of Power**, the Prize Distribution Ceremony of the 31st Indian Engineering Congress, Hotel J W Marriott, Kolkata 700105, on December 16, 2016.

12. Fund received : Grant received from AICTE for Organizing conference an amount of Rs 1,61,667/- and conducted "AICTE Sponsored conference on system modeling and system Dynamics(NCSMSD-2020)"

13. Research Publications: (77)

S.No	**Category**	**No. Of publications**
1.	**International Journals**	**35**
2.	**International & National conferences**	**42**
	Total	**77**

Sno	**Journal Papers**	**year**
1	Y. Srinivasa Rao, G. Ravikumar, P. Srinivasa Varma" A New Algorithm For The Classification Of Faults In Multi-Terminal Transmission Network Using Wavelet Morphology" International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6, March 2019.	2019
2	S.Chandra Shekar, G.Ravi Kumar, S.V.N.L Lalitha" A transient current based micro-grid connected power system protection scheme using wavelet approach" International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 1, February 2019, pp. 14~22.(scoupus).	2019
3	Y. Srinivasa Rao , G. Ravi kumar , P. Srinivasa Varma" Combination of MW and Deep Neural Network based Fault location Identification for Multi-terminal transmission systems", International Journal of Simulation: Systems, Science and Technology, - Volume 19, Number 6, Page 2, December 2018(scupus)	2018

4	S. Chandra Shekar, G. Ravi Kumar and Svnl Lalitha" Wavelet Based Fault Analysis of Hybrid Energy Source Micro-Grid Connected Multi Terminal Transmission System Protection Scheme" Jour of Adv Research in Dynamical & Control Systems, Vol. 10, No. 4, 2018.(scupus)	2018
5	S.Chandra Shekar, Dr.G.Ravi Kumar, Dr.S.V.N.L. Lalitha" Transmission Line Protection Scheme In Presence Of Microgrid Using Neuro-Wavelet Analysis" International Journal of Pure and Applied Mathematics Volume 120 No. 6 2018, 551-565.(scoupus).	2018
6	10. S.Chandra Shekar, G.Ravi Kumar, S.V.N.L Lalitha" Renewable Energy Integrated Multi-Terminal Transmission System Using Wavelet Based Protection Scheme" International Journal of Power Electronics and Drive System (IJPEDS) Vol. 9, No. 3, September 2018,(scupus)	2018
7	Y. Manju Sree, G. Ravi Kumar and R. Kameswara Rao"Wavelet-Based Protection Scheme for SVC Compensated Multi-terminal Transmission System with Hybrid Generation" Springer Nature Singapore Pte Ltd. 2018 ,Lecture Notes in Electrical Engineering 434, DOI 10.1007/978-981-10-4280-5_27(scupus)	2018
8	S. Chandra Shekar, G. Ravi Kumar and Svnl Lalitha" Neuro-Wavelet Based Transmission Line Protection Scheme in Presence of Microgrid" I J C T A, 10(5) 2017, pp. 455-462.	2017
9	Y Srinivasa Rao, G. Ravi Kumar, G. Kesava Rao" Interconnected Transmission Line Fault Detection Using Wavelet Transform and a Novel Machine Learning Algorithm" Jour of Adv Research in Dynamical & Control Systems, Vol. 9, No. 12, 2017.(Scoupus)	2017
10	Y Srinivasa Rao, G. Ravi Kumar, G. Kesava Rao"A New Approach for Classification of Fault in Transmission Line with Combination of Wavelet Multi Resolution Analysis and Neural Networks" International Journal of Power Electronics and Drive Systems (IJPEDS), a Scopus indexed journal.Vol 8,No.1,2017.	2017
11	J. Uday Bhaskar,G. Ravi Kumar,S.S. Tulasi Ram "Wavelet-Fuzzy Based Digital Protection Scheme Of Four terminal Transmission System In The Presence Of Upfc"i-manager's Journal on Electrical Engineering, Vol. 10 l No. 3 l January - March 2017,18-29.	2017
12	Satyanarayana Gorantla, Goli Ravi Kumar"Harmonic Elimination Using STATCOM for SEIG Fed Induction Motor Load"International Journal of Power Electronics and Drive System (IJPEDS)Vol. 8, No. 3, September 2017, pp. 1026~1034 ISSN: 2088-8694, DOI: 10.11591/ijpeds.v8i3.pp1026-1034.	2017
13	Satyanarayan Gorantla, Goli Ravi Kumar"Harmonic Compensation using STATCOM for SEIG Feeding Single-Phase Load Connected between Different Phases"Indonesian Journal of Electrical Engineering and Computer ScienceVol. 6, No. 3, June 2017, pp. 489 ~ 496.	2017
14	Y Manju Sree, Ravi kumar Goli, V.Ramaiah"Wavelet Based Protection Scheme for Multi Terminal Transmission System with PV and Wind Generation" IOP Conf. Series: Materials Science and Engineering 225 (2017) 012207 doi:10.1088/1757-899X/225/1/012207	2017
15	Satyanarayana Gorantla and Goli Ravi Kumar" Statcom For Compensation Of Seig Feeding Single-Phase And Three-Phase Loads" International Journal of Electrical and Electronics Engineering Research (IJEEER) ISSN (P): 2250-155X; Vol. 7, Issue 5, Oct 2017,	2017
16	S Chandra Shekar, G Ravi Kumar, Svnl Lalitha" Wavelet Based Transient Fault Detection and Analysis of Microgrid Connected Power System" International Journal of Power Systems , ISSN: 2367-8976 46 Volume 1, 2016.	2016

17	S Chandra Shekar, G Ravi Kumar, Svnl Lalitha" Wavelet Based Multi-Terminal Transmission Line Protection with MicroGrid" Wseas Transactions On Power Systems, E-Issn: 2224-350x ,Volume 11, 2016.	2016
18	G.Ravi kumar,M.Vaidehi " Wavelet Approach for Transient Current based Multi Terminal Transmission System Protection Scheme"International Journal of Engineering Research & Technology (IJERT),ETE - 2016 Conference Proceedings, Vol -3,issue 4.	2016
19	G.Satyanarayana,G.Ravi kumar" MATLAB Modelling of Singly Excited Induction Generator" International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 5, Issue 5, May 2016,1-8.	2016
20	G.Satyanarayana,G.Ravi kumar" SRF Theory Based Statcom For Compensation Of Reactive Power And Harmonics" International Journal of Electrical Engineering & Technology (IJEET) Volume 7, Issue 5, September–October, 2016, pp.32–43.	2016
21	J.Uday Bhaskar, S.S.Tulasiram,G.Ravi Kumar,S.Ramya Lakshmi "Analysis Of Faults On Svc Compensated Three Terminal Transmission System Using Wavelet Fuzzy Approach" International Journal of Engineering Applied Sciences and Technology, 2016 Vol. 2, Issue 2, ISSN No. 2455-2143, Pages 44-54.	2016
22	J.Uday Bhaskar, G.Ravi Kumar and S.S.Tulasi Ram"A Transient Current Based Wavelet-Fuzzy Approach for the Protection of Six-Terminal Transmission System "International Journal of Exploration in Science and Technology Vol. 1 Issue 3 (December 2016)	2016
23	G.Ravi kumar, Shaik Abdul Gafoor, S.S.Tulasiram" Fuzzy –Wavelet Based Double Transmission Line Transmission System Protection Scheme in The presence of UPFC" Elsevier Editorial System(tm) for International Journal of Electrical Power and Energy, Electrical Power and Energy Systems 70 (2015) 91–98	2015
24	G. Ravi Kumar, K.Sushmitha, M. Dhatri Durga and M.V.Harika"A Transient Current Based Transmission Line Protection in the Presence of Interline Power Flow Controller using Neuro-Wavelet Approach" IJCTA,Vol.8, No.1, Jan-June 2015, Pp.23-33 (scoupus).	2015
25	G. Ravikumar, M. Vaidehi & R. Kameswara Rao "Neuro-Wavelet Approach For Transient Current Based Multi Terminal Transmission System Protection Scheme" TJPRC: Journal of Signal Processing SystemsVol. 1, Issue 1, Dec 2015, 51-62.	2015
26	G.Ravikumar, Shaik Abdul Gafoor, S.S.Tulasiram" Fuzzy –Wavelet Based Double Transmission Line Transmission System Protection Scheme in The presence of SVC" Journal Of Institution of Engineers (India) Series B-Springer Publishers.9th july 2014.	2014
27	G.Ravi Kumar, A.Hari Prasad, N.Satya Saketha, K.Saichandana"A New Innovative Design principle of Grid Interactive Roof Top Solar Photovoltaic Power Generation"International Journal of Education and applied research,IJEAR Vol. 4, Issue Spl-1, Jan - June 2014.	2014
28	GV Raghavendra Reddy, A. Hari Prasad, Dr.Goli Ravikumar"MATLAB Simulation of a High Step-Up DCDC Converter for a Micro Grid Application"International Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering ,Vol. 3, Issue 9, September 2014	2014
29	G.Ravi kumar,S.Tejasri,Ch.Pavani,P.Sajitha"Neuro-Wavelet Approach for Transient Current Based Transmission line Protection Scheme"I-Manager's Journal of Circuits and SystemsVol.1,No2,march-May 2013.	2013
30	G.Ravi kumar, Shaik Abdul Gafoor, S.S.Tulasi Ram "Fault Analysis of Double line Transmission System with STATCOM Controller Using Neuro-Wavelet Based Technique", International Journal of Engineering and Technology (IJET),Volume 2 No. 6, June, 2012.	2012
31	G.Ravi Kumar, Shaik Abdul Gafoor, S.S.Tulasiram"Wavelet based fault detection,	2011

	classification in transmission system with UPFC" International Journal of Advances science and technology, Vol.3No.3, Sept, 2011.	
32	G. Ravi Kumar, R. Kameswara Rao, S. S. Tulasi Ram, " Harmonic Analysis of 6-Pulse converter in DTC induction Drives using UPQC" International Journal of Scientific Engineering and Research (IJSER) Vol 2 IssueNo.10 Oct. 2011.	2011
33	G. Ravi Kumar, R. Kameswara Rao, S. S. Tulasi Ram, "Effective Harmonic Mitigation Techniques using Wavelets based analysis" International Journal of Engineering Science and Technology (IJEST)Vol 3 No.8 Aug 2011, .	2011
34	G. Ravi Kumar, R. Kameswara Rao, S. S. Tulasi Ram, "Harmonic Mitigation Techniques for IEEE 13-Bus Medium Voltage Distribution System" International Journal of advances in Science and Technology (IJAST)Vol 3 No.4 Oct. 2011	2011
35	G.Ravikumar, Shaik Abdul Gafoor, S.S.Tulasiram" Wavelet based fault analysis of transmission systemwith STATCOM Controller" International Journal of Integrated Energy systems"No.2 (2011) July-Dec2011.	2011
	Conference paper title	
1	G.Ravi Kumar Shaik. Karishma Patcha Anusha T Chandini "Multi-Terminal Transmission System with Distributed Generation Protection scheme Using Wavelet Analysis" ICETPSPE045 , Acharya Nagarjuna University,Guntur,13-14th March,2020.	2020
2	M. Vaidehi, G.Ravikumar, R.Kameswara Rao "Wavelet Approach for Transient Current based Multi Terminal Transmission System Protection Scheme in the presence of Shunt Compensating Devices"NCSMSD-2020,bapatla Engineering college,Bapatla,24th 28th October,2020.	2020
3	Karrapranathi, Goliravikumar,G.Vamsi Priya "Distinguish between WTT and wavelet morphing technique in the resence of a multiterminal system" NCSMSD-2020,bapatla Engineering college,Bapatla,24th 28th October,2020.	2020
4	Karra Pranathi,Goli Ravi Kumar" Wavelet based fault analysis on multi-terminal system in presence of with and without islanding connected system" NCSMSD-2020,bapatla Engineering college,Bapatla,24th 28th October,2020.	2020
5	K.V. Dhana Lakshmi,S.S TulasiRam,G. Ravi kumar, JBV. Subbrah manyam "Micro-grid protection schemes and the role of UPFC Controller" NCSMSD-2020,bapatla Engineering college,Bapatla,24th 28th October,2020.	2020
6	G.Anilkumar, Goliravikumar, B.Vijayakrishna" Performance analysis of 72- pulse gto-based generalized unified power flow controller under power quality problems" NCSMSD-2020,bapatla Engineering college, Bapatla,24th 28th October,2020.	2020
7	Goli Ravi Kumar, Pavan Karthik G.Gnana Prakash," Data science Based Secure Healthcare Framework for COVID-19" NCSMSD-2020,bapatla Engineering college, Bapatla,24th 28th October,2020.	2020
8	G.Gnana Prakash,G.Ravi Kumar,K.Kishan Chand,V.Sheelasupriya" Transmission Power Minimization for IOT Based Fully Connected Cluster Using Implementation of PSO Technique" NCSMSD-2020,bapatla Engineering college, Bapatla,24th 28th October,2020.	2020
9	Goli Ravi kumar, Karra Pranathi, G.Vamsi Priya" "A Transient current based two area power transmission system protection using wavelet morphing technique" ICETPSPE045 , Acharya Nagarjuna University,Guntur,13-14th March,2020.	2020
10	G.Ravi kumar,K.Pranathi,G.Vamsi Priya "Wavelet based fault analysis of two area power system network in presence of wind system" International Conference on Smart Energy Systems and Electric Vehicles (ICSESEV-2020) January 8 th -10th, 2020.V.R Sidhardha Engineering college, Vijayawada	2020
11	G.Ravi kumar,K.Pranathi,G.Vamsi Priya "Wavelet based fault analysis of two area power system network in presence of PV source" international conference on green	2019

	power technology in power grid: issues, challenges & control (ICGPTPG-2019) 19th – 21st , December 2019.sri Venkateswara University,tirupathi	
12	Manjusree Y, Ravi Kumar Goli, Vamsi Priya G and Ramaiah V ”A Four terminal transmission line protection by Wavelet approach in the presence of SVC using Hybrid generation” to the IEEE (i-PACT 2017, 21 & 22 April 2017 at Vellore Institute of Technology, Vellore.	2017
13	Goli Ravi Kumar, Allaparthi Rohith, Ganapavarapu Priyanka and Goli Vamsi Priya “Multi-Objective Optimal Economic Emission Power Dispatch using Bat Algorithm” to the IEEE (i-PACT 2017) 21 & 22 April 2017 at Vellore Institute of Technology, Vellore	2017
14	G.Raja Rajeswary, G.Ravi kumar, G.Jaya Sampurna Lakshmi and G.Anusha,”Fuzzy-Wavelet Based Transmission Line Protection Scheme In The Presence Of TCSC” IEEE-ICEEOT conference, DMI college of Engineering Chennai, Tamilnadu, India [3rd -5th March,2016]	2016
15	Y.Manju Sree, G.Ravi kumar, M.Vaidehi and G.Vamsi Priya “Wavelet Approach for Transient Current based Multi Terminal Transmission System Protection Scheme in the presence of SVC” IEEE-ICEEOT conference, DMI college of Engg,Chennai,India[3rd -5th March,2016]	2016
16	Y.Manju Sree G.Ravi kumar Abdul Gafoor ShaikMulti-Terminal Transmission Line Protection using Wavelet Based Digital Relay in the Presence of Wind Energy Source “IEEE-ICEEOT conference, DMI college of Engineering Chennai, Tamilnadu, India [3rd -5th March,2016]	2016
17	S Chandra Shekar, G Ravi Kumar, SVNL Lalitha “Wavelet based Transient Fault Detection and Analysis of Micro Grid Connected Power System” 15th international conference on instrumentation, measurement, circuits and systems (imcas '16) Bali, Indonesia May 7-9, 2016	2016
18	J.Uday Baskar, G.Vamsi Priya, G.Ravi Kumar, S.S.Tulasi Ram “Current Sample Based Wavelet-Fuzzy Protection Scheme for STATCOM Compensated Three-Terminal Transmission System”.32nd National Convention of Electrical Engineers, IEI Pune, November-2016.	2016
19	Y Manju Sree, Ravi kumar Goli, V.Ramaiah”Wavelet Based Protection Scheme For Multi Terminal Transmission System With Pv And Wind Generation”International Conference on Advanced Material Technologies (ICAMT)-2016 27-28,December 2016 Dadi Institute of Engineering and Technology , Visakhapatnam, Andhra Pradesh, India.	2016
20	G.Ravi kumar ,M.Vaidehi “Wavelet Approach for Transient Current based Multi Terminal Transmission System Protection Scheme” Emerging Technologies in Electrical & Electronics Engineering (ETE)” during 29th & 30th January, 2016 at Shri Vishnu Engineering College for Women (Autonomous) Bhimavaram.	2016
21	G.Ravi kumar,M.Vaidehi,R.Kameswara Rao “Neuro-Wavelet Approach for Transient Current based Multi Terminal Transmission System Protection Scheme “2nd International Conference On Power System Analysis Control And Optimization (ICPSACO-2015)10th-12th ,Dec,2015.	2015
22	G.Ravi kumar, D.Sucharitha, V.SaiPratyusha, M.Murali Priya”Modeling of Induction Motor drive System Powered by Photo voltaic with MPPT”NationalConference on emerging technologies in electrical and Electronics engineering under Tequip II ,7th-8Th 2014, Sri Vishnu Engineering college for women, Bhimavaram.	2014
23	G.Ravikumar, M.RenuAvinashD.Indrasena Reddy,K.Anjaneya Bhargav, ”Simulated Annealing Approach to Solution of Multi-Objective Optimal economic Dispatch”7th International conference on Intelligent Systems and Control(ISCO 2013)Jan 04-	2013

	05,2013,Coimbatore,Tamilnadu,India.	
24	G.Ravikumar,B.Deekshita,M.PoojaAswini, "Differential Evolution approach to solution of multi objective optimal economic Dispatch"2nd World conference on Applied Sciences, Engineering &technology,8-9th March,2013,Gitam university, Hyderabad.	2013
25	G.Ravikumar,Y.C.L.Priyanka,V.H.L.Mallika,"Multy objective optimal economic dispatch Problem using Swarm Intelligent Approach" 2nd World conference on Applied Sciences, Engineering &technology,8-9th March,2013,Gitam university, Hyderabad.	2013
26	G.Ravikumar , Sk.Rasululla, G.Sumana, Md.Nusrath Sultana, V.Karthik"A TransientCurrent Based Transmission line protection Using Fuzzy-Wavelet Approach"International Conference on Intelligent and Efficient Electrical Systems (ICIEES - 2013),PSG College , Coimbattor [Dec 14, 2013]	2013
27	K.Saichandana, G.Ravi kumar, D.Ananda Vardhini,D.Anupama"A Transient Current Based Transmission line Protection Using Neuro-Wavelet Approach" National Conference on Emerging and Innovative trends in electrical Engineering(NEITE) 27th - 28th sept,2013.	2013
28	G.Ravi kumar,S.Tejasree, CH.Pavani , P.Sajitha"Neuro-Wavelet Approach for Transient Current based Transmission line Protection Scheme" Recent Trends in Power Systems and Drives – 2013, 24th -25th Jan 2013, CBIT,Hyderabad.	2013
29	G.Ravikumar, Shaik Abdul Gafoor,S.S.Tulasiram" Wavelet Based Fault Analysis of Double line Transmission System with STATCOM Controller"IISM '12, 12-14 July 2012,RVS College of Engineering & Technology, Coimbatore, Tamilnadu, India.	2012
30	G.Ravikumar, Shaik Abdul Gafoor, S.S.Tulasiram," A Transient Current Based Transmission Line Protection Using Neuro-Wavelet Approach in the Presence of Static Var Compensator "Conference on Artificial Intelligence (ICAI 2012, July 16-19, USA) LosVegas, USA	2012
31	G.Ravikumar, V.Sailakhmi, A.Susrutha "Wavelet based Double Line Transmission System protection with Static Var Compensator"SCRTEEE-2012, GITHAM UNIVERSITY, Visakhapatnam on 24-25th Feb 2012.	2012
32	G.Ravikumar, R.Kameswara Rao, Shaik Abdul Gafoor, Dr.S.S.Tulasi Ram"A wavelet Analysis for Limitation of Transmission Line Faults currents with the UPFC" International conference on Power and Energy systems (ICEPES 2010) at NIT, Bhopal on Aug 26-28, 2010.	2010
33	G.Ravikumar, R.Kameswara rao, S.S.Tulasiram"Hormonic Analysis and simulation of CC-VSI for grid interactive PV system use wavelet Technique "at Dec 10-12, IEEE Conference, TENCON2010, Japan.	2010
34	G.Ravikumar, A.Deepti, D.Naveen kumar, A.Anusha"The Impact of STATCOM on distance relay using Wavelet Analysis", NSC2010, Dec 10-12, 2010 at NIT, Surathkal.	2010
35	G.Ravikumar,R.Kameswara Rao,Dr.S.S.Tulasi Ram,K.Madhusudan Rao"Multiobjective Dispatch for Active and Reactive Power balance using particle Swarm Optimization"at PST2010jun 29-30,Andhra University	2010
36	G.Ravikumar, Shaik Abdul Gafoor, N.Karthik "Swarn Intelligence Approach to Solution of Multiobjective Optimal Economic Power Dispatch" ICEESPEE 2009 at SRM University, Chennai. on 16-17th April 2009.	2009
37	R.Kameswar Rao, G.Ravikumar, S.S.TulasiRam "Swarm Intelligence Approach to Solution of Multiobjective Optimal Economic Dispatch" International conference on Artificial Intelligence (ICAI'09) ,Losvegas,USA	2009
38	G.RaviKumar, N.karthik, B.Shanker,"Multiobjective Economic power dispatch using Genetic Algorithm"at PSOC 2009, Annamalai University, Annamalainagar	2009
39	G.ravikumar, R.Kameswar Rao, S.S.Tulasi Ram "Power flow control and Transmission loss minimization with TCSC and SVC for Improving System Stability	2008

	and security" ICIIS-2008 IEEE Region 10 Third International Conference on Industrial and Information Systems, at IIT, khargpur.	
40	G.Ravikumar, K.Ramesh"Fuzzy Set based Contingency Ranking Algorithm and Digital Simulation"in AECT 2008 at Manipal University,Manipal	2008
41	G.RaviKumar, B.Sai Kishore, "Constrained Based Maintenance Scheduling on Electric Power distribution Networks", National Conference NRAEE-2007, Vignan'sInstitute Information Technology, Visakhapatnam.	2007
42	G.Ravikumar, R.Kameswara rao,"Visual Basic Power System Security Simulator" National Conference NRAEE-2007, Vignan's Institute Information Technology, Visakhapatnam.	2007

14. Workshops Attended:

1. A short term course on "**Applications of Power Electronics to Renewable Energy**" (APERE-2016) sponsored by NaMPET , May 12-14, 2016 in the Department of Electrical Engineering, N.I.T., Goa**.**
2. Three days National Workshop on '**Power system optimization techniques'** at AndhraUniversity College of Engineering, Vishakhapatnam.
3. A one day National Workshop on '**Power system operation & computer system functions in Grid management'** at GudlaValleru Engineering College, Gudlavalleru.
4. Three Days National workshop on "**Artificial Intelligence and Meta heuristic Applications to Power systems** "at NIT, Warangal.

15. Workshops coordinated:

1. A Two Day National Workshop on**Power System Analysis Using Software Tools** (25^{th} – 26^{th} March, 2009) organized by EEE Department, Bapatla Engineering college, Bapatla.

16. Work shop Resource Person:

1. A one day Natinal work shop on"Fuzzy-Wavelet applications to power system protection"organized by EEE Department, QIS Engineering college,Ongole on 20^{th} Jan 2017.

2. Guest Lecture On "Protection Of Transmission Lines Using Wavelets"organized by EEE Department, QIS Engineering College, Ongole on 14^{th} Dec 2017**.**

3. A One Day National Workshop on **Wavelet-Fuzzy based multi terminal transmission system protection** organized by EEE Department, Anurag Engineering Collge, Kodad.

17. Consultancy Projects completed:

1. **Hindustan Cococola&Beverages Pvt.Ltd, Srikalahasti, Ap, "**Electrical and Thermal fault detection and analysis of entire plant" usingFlire Systems, CANADA Model: InfraCAM™ SD
2. **RAK Ceramics Pvt.Limited, Samalkot, AP"**Fault detection of underground cables usingCable Fault Locator, Make: Saba Synatronics, Germany, Model: TDR Mini flex.

18. Nature of Experience:

Teaching:

Electrical and Electronics: Electrical Circuit analysis, Power system operation and Control, Power system protection, Control Systems, electrical Machines and other subjects

Computer science: Microprocessors & Microcontrollers, Operations research, Computer architecture, Digital logic design, Compiler design

19. Administration:

Head of the Department

Participated in TEQIP Phase I,

NBA Coordinator for college

NAAC Coordinator for college

Autonomous coordinator for college

BOS member for Autonomous Scheme
Board of Studies chairman for EEE Department
Member for Research and consultancy Cell.
Paper setter for various autonomous university and Engineering college for PhD, M,Tech and B.Tech.
Faculty selection board member for various engineering colleges.