

CURRICULUM VITAE

Dr R.V.S. LAKSHMI KUMARI

Mobile: 7093413324

E-mails : sharmalaks@gmail.com

CAREER OBJECTIVE

To work with an organization that gives me an opportunity to utilize and integrate all my skills and apply them together to work with enthusiasm as group or individual for leading towards the growth of the organization.

EDUCATION

Name of the Degree	Name of the College	Name of the University	Year of Passing	Specialization
Ph.D	University College of Engineering, Kakinada.	Jawaharlal Nehru Technological University, Kakinada.	2018	Distribution Systems
M.Tech	University College of Engineering, Kakinada.	Jawaharlal Nehru Technological University, Kakinada.	2004	Power Systems with High Voltage Engineering
B.Tech	K.S.R.M.College of Engineering, Cuddapah	S.V.University, Tirupathi	1995	Electrical and Electronics Engineering
Intermediate	Board of Intermediate Education		1990	MPC
Xth Class	Board of Secondary Education		1987	

WORK EXPERIENCE (25 Years)

Teaching

(a) Associate Professor & Head of the Department

May, 2018 – till now

GVP College of Engineering for Women,
Madhurawada, Visakhapatnam(Dist.).

- | | |
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| <p>(b) Professor, Head of the Department
 DADI Institute of Engineering and Technology
 Anakapalli, Visakhapatnam(Dist.).</p> | <p>Sep, 2016 – May,2018</p> |
| <p>(c) Professor, Head of the Department
 Miracle Educational Society of Group of Institution
 Bhogapuram, Vizianagaram (Dist.).</p> | <p>Feb, 2013 – Sep,2016</p> |
| <p>(d) Professor, Head of the Department
 Visakha Institute of Engineering and Technology,
 Narava, Visakhapatnam (Dist.).</p> | <p>Oct, 2008 – Feb 2013</p> |
| <p>(e) Associate professor,
 Vignan Institute of Information Technology,
 Duvvada, Visakhapatnm (Dist.).</p> | <p>Dec, 2004 – Oct 2008</p> |
| <p>(f) Assistant professor,
 GVP College of Engineering,
 Madhurawada, Visakhapatnm (Dist.).</p> | <p>Sep 1998 – Nov 2004</p> |
| <p>(f) Assistant professor,
 RVR & JC College of Engineering,
 Guntur (Dist.).</p> | <p>June 1997 – Aug 1998</p> |
| <p>(g) Assoicate Lecturer,
 VKR & VNB Polytechnic,
 Gudivada, Krishna (Dist.).</p> | <p>June 1996 – June 1997</p> |

ACADEMIC PROJECTS

B.Tech: Fault Analysis of a Six Phase Power System.

M.Tech: Distribution Load Flow using Novel and Classic Method

Ph.D: System Performance and Power Quality Enhancement in Distribution Systems with Distributed Generation.

JOURNAL PUBLICATIONS:

1. **RVS Lakshmi Kumari**, B.Sahithi, K.Monika, M.Jahnavi S.Susheela, "Short Term Load Forecasting using Artificial Neural Networks", in *International journal of analytical and experimental modal analysis*, Volume XIV, Issue IX, ISSN: 0886-9367 (2022), pp. 526-536 (UGC).
2. D.Srilatha, **RVS Lakshmi Kumari**, S.V.R.Lakshmi Kumari, "Usage Based Loss Allocation to Generators in Single Area Power System," in *Design Engineering*, Issue. 7 ISSN: 0011-9342(2021), pp. 9562-9572 (SCOPUS Indexed).
3. D.Srilatha, **RVS Lakshmi Kumari**, " Short Circuit Fault Analysis of Three Phase Transmission System Using Matlab," in *Lecture Notes in Networks and Systems (Springer)*, Volume No.215, ISSN 2367-3389, pp. 759-767, doi.org/10.1007/978-981-16-1941-0_77.
4. D.Srilatha, **RVS Lakshmi Kumari**, S.V.R.Lakshmi Kumari, "Analysis of active power load dispatch in economic and environmental aspects with pseudo power flow", in *International Journal of Future Generation Communication and Networking Vol. 13, No. 3*, ISSN: 2233-7857 (2020), pp. 3665–3675 (ESCI).
5. D.Srilatha, **Dr. RVS Lakshmi Kumari**, Babitha Jain, "Analysis of Multi Area Load Frequency Control System with Hybrid Fruit Fly Algorithm", in *Journal of Advanced Research in Dynamical & Control Systems*, 2018, Vol.10, No.10, ISSN:1943-023X, pp.2669-2678 (SCOPUS Indexed)
6. M Babita Jain, **R V S Lakshmi Kumari**, J Dileep Kumar, "A New Approach for Optimal Sizing of DG based on statistical STLF", in *International Journal of Engineering and Techniques - Volume 4 Issue 2, Mar – Apr 2018*, ISSN: 2395-1303, pp.300-306 (UGC).
7. **RVS Lakshmi Kumari**, G. V. Nagesh Kumar, S. Sivanagaraju, "A Novel Load Flow Solution Methodology for Weakly Meshed Distribution Systems", *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering*, 2017, Vol.6, No.6, ISSN:2320-3765, pp.5139-5147, DOI:10.15662/IJAREEIE.2017.0606128 (UGC).
8. **RVS Lakshmi Kumari**, G. V. Nagesh Kumar, S. Sivanagaraju, "A Novel Back Tracking based Load Flow Solution for Distribution Systems", *International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering*, 2017, Vol.5, No.7, ISSN: 2321-5526 pp.30-40, DOI 10.17148/IJIREEICE.2017.5706 (UGC).
9. **RVS Lakshmi Kumari**, G. V. Nagesh Kumar, S. Sivanagaraju, "Optimal Protection Coordination with Distributed Generation in a radial distribution system using Linear Programming technique" in *International Journal of Applied Engineering Research*, volume9, Number19, ISSN:1087-1090(2014), pp.4267-4278 (SCOPUS Indexed).
10. B.Venkateswara Rao, Dr G.V.Nagesh Kumar, **RVS Lakshmi Kumari**, M.Vinay Kumar "Effect of Advanced Static Var Compensator on control of power system load shedding" in *Advanced Materials Research*, volumes 403-408 (2012), pp:4867:4872 <https://doi.org/10.4028/www.scientific.net/AMR.403-408.4867> (SCOPUS Indexed).

11. B.Venkateswara Rao, Dr G.V.Nagesh Kumar, **RVS Lakshmi Kumari**, M.Vinay Kumar "Improvement of power system security under network contingency with Static Var Compensator" in Advanced Materials Research, volumes 403-408 (2012), pp:2073:2078 <https://doi.org/10.4028/www.scientific.net/AMR.403-408.4867> (SCOPUS Indexed).

Conference Publications:

1. **RVS Lakshmi Kumari**, D Srilatha, Mr D Srinivas Reddy "Optimization of DG for enhancement of Distribution System Performance for different load modellings using PSO, in ICACCES 2022 conducted by Vasireddy Venkatadri Institute of Technology (Autonomous) on March 4th & 5th, 2022.
2. D Srilatha, **RVS Lakshmi Kumari**, T Vasavi " Performance enhancement of power system using pseudo power flow and wide angle starting points with FACTS devices, in ICACCES 2022 conducted by Vasireddy Venkatadri Institute of Technology (Autonomous) on March 4th & 5th, 2022.
3. **RVS Lakshmi Kumari**, Dr G. V. Nagesh Kumar, Dr S. Sivanagaraju, M.Babitha Jain "Optimal Sizing of Distributed Generation Using Particle Swarm Optimization", in ICICICT 2017 (IEEE Conference) conducted by Vimala Jyothi Engineering College, Kannur, Kerala, published in IEEE Xplore, ISBN:978-1-5090-6106-8, pp. 499-505 doi:10.1109/ICICICT1.2017.8342613.
4. K.Hemalatha, Dr G.V.Nagesh Kumar, **RVS Lakshmi Kumari**, "Comparison of Optimal Location and Sizing of Distributed Generation using DE and GA" in NCRDEE 2013 (National Conference) conducted by AITAM, Tekkali
5. K.Hemalatha, Dr G.V.Nagesh Kumar, **RVS Lakshmi Kumari** "Comparison of Optimal Location and Sizing of Distributed Generation using DE and GA" in NCETPS 2013 (National Conference) conducted by Vasavi College of Engineering, Hyderabad.
6. B.Venkateswara Rao, Dr G.V.Nagesh Kumar, **RVS Lakshmi Kumari**, N.G.S.Raju "Optimization of a Power System with Interior Point Method" in ICPS conference 2011 conducted by IIT Madras. Doi:10.1109/ICPES.2011.6156662.
7. **RVS Lakshmi Kumari**, G. V. Nagesh Kumar, S. Sivanagaraju "Optimal Location of Distributed Generation for minimization of losses in a power system" in RACES 2011 conducted by Vignan University, Guntur in the year 2011.
8. **RVS Lakshmi Kumari**, G. V. Nagesh Kumar, S. Sivanagaraju "Optimal Placement of multiple DG units for improvement of voltage profile" in RACES 2011 conducted by Vignan University, Guntur in the year 2011.

SUBJECTS TAUGHT:

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| 1. Power Systems 1 | 2. Power Systems 2 |
| 3. Power Systems Analysis | 4. Modelling of Power System Components |
| 5. Computer Methods in Power Systems | 6. Electrical Machines 1 |
| 7. Electrical Machines 2 | 8. Utilization of Electrical Energy |
| 9. High Voltage Engineering | |

LABS HANDLED:

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| 1. Electrical Machines 1 Lab | 2. Electrical Machines 2 Lab |
| 3. Electrical Measurements Lab | 4. Electrical Circuits Lab |
| 5. Power Systems Lab | 6. Simulation Lab |

WORKSHOPS ATTENDED:

1. Five Day Online Faculty Development Program on "*Circuit Design using AutoCAD Electrical*" conducted by ICT Academy from 16th August to 20th August 2021.
2. Two Weeks AICTE Sponsored Online Faculty Development Program on "*Recent Trends in Power Electronics for Grid Integration of Renewable Energy Systems*" conducted by Department of EEE, VVIT, Nambur, Guntur from 30th November to 12th December,2020.
3. Two Weeks AICTE Sponsored Online Faculty Development Program on "*Applications of Power Electronics in Renewable Energy Systems*" conducted by Department of EEE, VVIT, Nambur, Guntur from 2nd November to 14th November,2020.
4. Six Day online workshop on "*Automation and Intelligent Control of Electrical Systems Phase - 1*" conducted by Gudlavalleru Engineering College, Gudavalleru from 3rd to 8th August,2020.
5. Six Day online workshop on "*IOT & It's Applications using AWS*" conducted by NSRIT,VIZAG from 6th to 11th July,2020.
6. Five Day online workshop on "*Challenges and Research Opportunities in Micro grid Operation, Control and Protection*" conducted by Aditya Institute of Technology and Management, Srikakulam from 15th to 19th June,2020.
7. Five Day online workshop on "*Present Trends and Research in Electric Vehicles*" conducted by Rajarambapu Institue of Technology, Rajaramnagar under the aegis of RIT – IEEE Students Branch in association with IEEE Bombay Section from 27th to 31st May,2020.
8. Two day workshop on "*Wide Area Monitoring and Control of Sustained Power Systems*" conducted by GITAM,Visakhapatnam.

9. Three day workshop on “*Optimization Techniques*” conducted by GITAM, Visakhapatnam.
10. One-day workshop on “*Solar PV Installations*” conducted by VIIT, VIZAG affiliated to JNTU.
11. Three day workshop on “*Applications of FACTS Controllers*” conducted by NIT, WARANGAL.
12. Two day workshop on “*Applications of Microcontrollers*” conducted by GMRIT, RAJAM affiliated to JNTU.

TEACHING AWARDS:

1. Received “***Best Teacher Award***” for Excellence in Teaching by JNTU Kakinada in the year 2010.
2. Received “***Prathibha Award***” for Excellence in Teaching during College day Celebrations –Win Fest 2k8 conducted on 10th Jan 2008.

PERSONAL PROFILE

Name : R.V.S. LAKSHMI KUMARI
Date of Birth : 30-08-1973
Sex : Female
Nationality : Indian
Religion : Hindu
Marital Status : Married
Languages Known : English & Telugu
Permanent Address : R.V.S.Lakshmi Kumari
Flat No.416, Flora Delight,
Revallapalem, Madhurawada,
VIZAG-530048

Place: VIZAG

Date: 04-11-22

(Dr R.V.S. LAKSHMI KUMARI)