

Dr. R.S.SRINIVAS B.Tech (EEE), M.Tech (Power systems), Ph.D (Power Systems)

Assistant Professor

Department of EEE

Dr YSR ANU College of Engineering & Technology

Acharya Nagarjuna University

Nagarjuna Nagar, Guntur

Phone Number : 9676781767

Email id : rssrinivasanu@gmail.com



Academic Qualifications:

Ph. D – Power Syetems, “Optimized Integer And Fractional Order Controlled FACTS for Stability Improvement In Multi Machine Power system”

Acharya Nagarjuna University

.M. Tech - Power System Engineering, First Class & Distinction , Bharat Institute of Higher education & Research.

B.Tech - Electrical & Electronics Engineering, First Class.Sidda Ganga Institute of Technology,Bangalore University

Experience:

1. Assistant Professor, Department of Electrical & Electronics Engineering, ANU College of Engineering and Technology, Acharya Nagarjuna University, Guntur, 21/08/2010 to till date
2. Assistant Professor, Department of Electrical & Electronics Engineering, Vignan University Guntur, A.P., India, 25/04/2007 to 9/08/2010.
3. Assistant Professor, Department of Electrical & Electronics Engineering, MRITS, Hyderabad from 01-06-2005 to 24-04-2007

Subjects Handled in the Department:

For U.G

**: Power Systems
HVDC Transmission**

For P.G

FACTS Controllers
Industrial Drives,
Electrical Machines-I,II,III
Power System Operation & Control
High Voltage Engineering
Generation of Electrical Power
Switch Gear and Protection
Utilization of Electrical Energy
Transmission & Distribution
Renewable Energy Sources

: Power Quality
Power Plant Instrumentation
Electrical Distribution Systems
Advanced Power system Protection
HVDC Transmission
: Electrical Machines 1
Control Systems
Power Electronics
Electrical Technology
Electrical Measurements
Simulation of Electrical Systems

Labs Handled

Research Activities:

1. No of Patents : 01
2. No of journal papers published : 10
3. No of conference papers presented : 06
4. No. of workshops , FDP's Organized/attended : 06

Patents:

1. An Artificial Intelligence and Machine Learning Based Systems and Method with improved security of nodes data in a block chain network.

Journals:

1. . R S Srinivas and Dr. P V Ramana Rao “ PSO tuned fractional order PI controller for improvement of transient stability in multi machine Power System” IJST, Vol.9, no.38,pp.1-5, oct 2016. (Scopus Indexed)
2. R S Srinivas and Dr. P V Ramana Rao “TLBO tuned fractional order PI controlled UPFC for improvement of Power System Stability” IJCTA, Vol.9, no.29, pp.293-300, 2016. (Scopus Indexed)
3. R S Srinivas and Dr. P V Ramana Rao “TLBO tuned fractional order PI controlled

4. TCSC for improvement of transient stability in multi machine Power System”
IJCTA, Vol.9, no.29, pp.141-149, 2016. (Scopus Indexed).
5. 4. R S Srinivas and Dr. P V Ramana Rao” Enhancement of Power System Transient Stability by Fractional Order Controlled STATCOM Tuned by PSO” IJET, Vol.7, no.4.24, pp.163-166. (Scopus Indexed).
6. 5. R S Srinivas and Dr. P V Ramana Rao” Power System Stability Enhancement Using Fractional Order PI Controlled STATCOM Tuned by TLBO” JARDCS, 09-Special Issue, 2018, pp 2043-2049. (Scopus Indexed).
7. B S Subrahmanyam, R S Srinivas “ Application of Sliding Mode Technology to Buck Converter Fed by PV Array” IJRTI | Volume 3, Issue 7 | ISSN: 2456-3315 ,2018
8. Published paper on “Multilevel Inverter with Reduced Power Electronic Components for Grid Connected of Renewable Energy Source” in International Journal of Scientific Engineering and technical Research, 4:43, October-2015, Pages:9476-9481, ISSN 2319-8885.
9. Published paper on “Enhancement of Power Quality for Distance Relays on Shunt-FACTS Compensated Transmission Lines” in International Journal of Scientific & Engineering Research,10:10, May-2014,pp:50 – 56, ISSN 2229-5518 .
10. Published paper on “Hybrid Differential Evolution Particle Swarm Optimization Algorithm” in International Journal of Scientific & Engineering Research, 10:10, May-2014, pp: 286 - 296, ISSN 2229-5518 .

Conference Papers

1. R S Srinivas and Dr. P V Ramana Rao “Fractional order PI controlled TCSC for multi machine Power System transient stability improvement” ICIIIECS 2016. Coimbatore.
2. R S Srinivas and Dr. P V Ramana Rao “Application of fractional order PI controllers to FACTS devices in multi machine Power System” NCETPE16, August 2016, Vignan University, Vadlamudi.
3. R S Srinivas and Dr. P V Ramana Rao” Power System Stability Enhancement Using Fractional Order PI Controlled STATCOM” ETPEC-18, August 2018, Vignan university, Vadlamudi.
4. Presented Paper On “Hybrid Differential Evaluation Particle Swarm Optimization Algorithm” At *International Conference On Trends In Technology For Convergence (Titcon -2014)* At Avs Engineering College, Salem, From 8th To 9th April, 2014

5. Presented paper on “Simulation and Experimental Verification of Novel Multi Level Inverter with Minimum Number of Switches” at 2nd National Conference on Emerging Trends in Power Energy and control (ETPEC-2017) at Vignan University, Guntur, from 11th to 12th August, 2017.

Workshops and FDPs attended:

1. Participated in Two day National Seminar on “March to Make in India through Engineering Advancements (MMIEA)” organized by R.V.R. & J.C. College of Engineering (A), Guntur during 29-30 September, 2016.
2. Attended Two week audit course on “Intellectual property rights and patents” at JNTUK, from 16th to 30th May- 2015
3. Attended Two week audit course on “Research Methodologies” at JNTUK, from 1st to 15th May- 2015
4. Participated in Two day work shop on “Recent Advances In Power Systems” at University College of Engineering & Technology, Acharya Nagarjuna University, Guntur, during 12th -13th November 2014.
5. Participated the complimentary Training/ Orientation on “MATLAB, SIMULINK & RELATED TOOL BOXES FOR ENGINEERING EDUCATION” at VIJAYAWADA, on 5th February 2014.
6. Participated in International conference on “NAVIGATIONAL SYSTEMS & SIGNAL PROCESSING APPLICATIONS(NSSP-2013”) at ANU, Guntur, From 13th to 14th December, 2013
7. Participated in “Two Day Workshop on COMPUTER APPLICATIONS TO POWER SYSTEMS USING Mi POWER” Conducted by Adam’s Engineering College, Paloncha from 4th to 5th December 2009. Participated in “Two Day Workshop on COMPUTER APPLICATIONS TO POWER SYSTEMS USING Mi POWER” Conducted by Adam’s Engineering College, Paloncha from 4th to 5th December 2009.