Name: **Dr. Gundala Srinivasa Rao**

Personal Information

Designation   : Assistant Professor

Experience   : 07 years

Specialization : Power Electronics

 Date of Joining: 03-12-2018

Phone Number : 7989347879

Email-Id   : phdsrinivasarao@gmail.com

Achievements/Publications/Workshops/Seminar/Guest Lectures

PUBLICATIONS:

INTERNATIONAL JOURNALS:

S. No.	Title of the Paper with Vol. & Issue No., ISSN	Name of the Journal	Indexed Impact Factor
1	Protecting Micro-Grids by A SVM Based Pattern Recognised Islanding Detection Approach and Optimal Placement of PID-FC Controller Using Hybrid ABC-APSO Algorithm DOI:**10.1504/IJPELEC.2018.10012279** **Vol.09,Issue.04 ISSN 1756-638X**	**IJPElec**	**SCOPUS INDEXED UGC Approved**
2	Effective Appraisal of Transient Stabiliy in a Multiple DG System Using Hybrid SVMDT **Vol.12,Issue.20 NOV-2017 ISSN 0973-4562**	**IJAER**	**SCOPUS INDEXED UGC Approved**
3	An efficient islanding detection method in distributed generation using hybrid SVM-based decision tree **Vol.09,Issue.02 ISSN 1756-638X**	**IJPElec**	**SCOPUS INDEXED CITATIONS:02**

	DOI: **10.1504/IJPELEC.2018.10008124**		**UGC Approved**
4	Islanding detection in a multiple distributed generator system using decision tree **Vol.12,Issue.01 AUG-2017, ISSN 0973-4562**	**IJAER**	**SCOPUS INDEXED** **UGC Approved**
5	SVM based Pattern Recognised Islanding Detection Approach in A Multiple Distributed Generation System **Vol.07,Issue.01 FEB-2018, ISSN 2227-524X**	**IJET (UAE)**	**SCOPUS INDEXED**
6	Protecting Microgrids by Optimal Placement of PID-FC Controller using Hybrid ABC-APSO Algorithm **Vol.118,Issue.17 FEB-2018, ISSN 1311-8080 (printed version) ISSN 1314-3395 (on-line version)**	**IJPAM**	**SCOPUS INDEXED** **UGC Approved**
7	Improved Performance of Micro Grid by Resistive Type SFCL Applied To PMSM Drive **Vol.06,Issue.01 JAN-2017, ISSN 2319-8885**	**IJSETR**	**4.162**
8	Micro grid for Renewable Energy Power Integration based PMSM Drive Application **Vol.05,Issue.26 SEPT--2016, ISSN 2319-8885**	**IJSETR**	**4.162**
9	Voltage Unbalance Correction In Grid Side By Using Multi Variable Filter In The Presence Of Fuzzy Logic Controller **Volume 4, Issue 5 AUG 2015**	**IJRAET**	**2.652**

10	A Simplified SVPWM for Five Level Inverter with DC-Link **Volume No:4 , Issue No:1 July 2015** **ISSN No: 2248-92678**	**IJM**	
11	Power Quality Improvement for grid connected Energy Wind Energy System using STATCOM-Control scheme **Volume No:11 , Issue No: 2 June 2015** **ISSN No: 2320-9569**	**IJETEE**	**INDEX COPURNICUS** **3.8**
12	Design of Five-Level Bidirectional Hybrid Inverter for High-Power Applications **Vol No: 2(2015), Issue No: 1 January 2015** **ISSN No: 2348-4845**	**IJMETMR**	**1.3**
13	High Reliability And Efficiency Single-Phase Transformer less Inverter For Grid-Connected Photovoltaic Systems **Volume 1 Issue 3, September 2014** **ISSN: 2349-8862**	**IJSRES**	**DOAJ, EBSCOHOST, & INDEX COPURNICUS** **Google scholar**
14	Generalized Pwm Algorithm For Three Phase N-Level Voltage Source Inverter Fed Ac Drives **Volume II, Issue XII, December 2013** **ISSN 2278 – 2540**	**IJLTEMAS**	**<u>The SAO/NASA Astrophysics Data System</u>** **2.115**
15	Improvement of Transient stability in Power Systems with Neuro-Fuzzy UPFC **eISSN : 2320-0847 p-ISSN : 2320-0936, Volume-02, Issue-11, pp-48-60**	**AJER**	**Google scholar, DOAJ, EBSCOHOST, & INDEX COPURNICUS** **CITATIONS:02**
16	Optimal Voltage Regulator Placement In Radial Distribution systems Using Fuzzy Logic **Volume II, Issue IX, September 2013** **ISSN 2278 – 2540**	**IJLTEMAS**	**<u>The SAO/NASA Astrophysics Data System</u>** **2.115**

17	A MPPT Algorithm For Hybrid Photo-Voltaic And Wind Energy Conversion System, **Volume II, Issue IX, September 2013** **ISSN 2278 – 2540**	**IJLTEMAS**	**The SAO/NASA Astrophysics Data System** **2.115**
18	AN ELECTRONIC BALLAST WITH U P F, **Volume II, Issue IX, September 2013** **ISSN 2278 – 2540**	**IJLTEMAS**	**The SAO/NASA Astrophysics Data System** **2.115**
19	Transient Stability Improvement of Multi-machine Power System Using Fuzzy Controlled TCSC, **Volume 1, Issue2, July-2012, ISSN 2278-7763**	**IJOART**	**Google Scholar & NASA** **CITATIONS:07**

INTERNATIONAL CONFERENCE:

S. No	Title of the Paper with ISBN	Name of the Conference
1	Design of Controller for I-Phase Grid connected PWM VSI using Simulink/MATLAB **ICRSI-2013,** **ISBN 9789382338925**	**ICRSI**
2	An Efficient Islanding Detection Method In Microgrids Using Hybrid SVM Based Decision Tree ISBN: **978-1-4673-9939-5/16/$31.00 ©2016 IEEE** **DOI:** 10.1109/ICEEOT.2016.7754752	**ICEEOT-2016 (IEEE) SCOPUS INDEXED**
3	Generalized PWM Algorithm For Three Phase N-Level Voltage Source Inverter Fed AC Drives	**NCIET**

WORKSHOPS

1. Attended a one week faculty development programme on**"Impact of Custom Power Devices in Power Systems"** conducted by Malla Raeedy Institute of Engineering & Technology, Hyderabad during 25-06-2018 to 29-06-2018.

2. Attended a two day national workshop on**"Smart & Green Technologies for Sustainable Energies "** conducted by KLU,Vijayawada in Association with DST-SERB during 19-12-2017 to 20-12-2017.

3. *Organised a two day work shop on "SOLAR PV DESIGN"at Sri Venkateswara Engineering College, Suryapet from 23-01-2017 to 24-01-2017.*

4. Attended a One Week Training Programme on**"A Short Term Course on SMART DISTRIBUTION SYSTEMS "** conducted by KLU,Vijayawada in Association with IEEE Hyderabad section during 28-12-2015 to 01-01-2016.

5. Attended a One Week Faculty Development Programme on**"Power Electronics & Drives for Vehicular Systems-Technology status & Future Trends "** conducted by OSMANIA UNIVERSITY, Hyderabad during 23-11-2015 to 28-11-2015.

6. Attended a One Week Faculty Development Programme on**"Application of Optimization Techniques to Electrical Systems (AOTES-2015)"** conducted by SVCEW,Bhimavaram during 07-09-2015 to 12-09-2015.

7. Attended a short term course on "**RECENT TRENDS AND APPLICATIONS IN SMART AND MICRO GRIDS**" conducted by KLU,Vijayawada during 10-07-2015 to 12-07-2015.

8. *Organised & attended a five day work shop on " SHORT TERM TRAINING IN INDUSTRIAL AUTOMATION WITH PLC(STIAP)" at Sri Venkateswara Engineering College, Suryapet from 03-03-2015 to 07-03-2015.*

9. Attended a course work on "**EMM&A and FACTS**" conducted by KLU,Vijayawada during 01-12-2014 to 13-12-2014.

10. Attended a workshop on **"RECENT TRENDS IN POWER SYSTEM PROTECTION"** sponsred by TEQUIP-II organised by NITW, Warangal during 27-11-2014 to 29-11-2014.

11. Attended a workshop on **"RESEARCH METHODOLOGY"** conducted by KLU,Vijayawada during 07-01-2014 to 10-01-2014.

12. Participated in Faculty Development Program on "**TEAM BUILDING & INTERPERSONAL SKILLS**" organized by Sri Venkateswara Engineering College, Suryapet during 02-04-2013 to 03-04-2013 .

ACHIEVEMENTS:

1. Qualified in GATE-2010 with a score of **386**.
2. Received GATE stipend from MHRD during M.Tech.
3. **Received best paper award at ICPCIT-2017 organised by MITS, Madanapalle.**

MEMBERSHIP IN PROFESSIONAL BODIES:

1. **Reviewer of IJRER, (Indexed in SCOPUS and WEB OF SCI)**
2. **Editorial Bord member of IJEER**
3. Member of International Association of Engineers (**IAENG**)

PROJECTS GUIDED:

1. **No. of Projects guided at UG level: 08**
2. **No. of Projects guided at PG level: 07**

WEB LINKS :

1. https://scholar.google.co.in/citations?user=g2bPIRMAAAAJ&hl=en

2. http://orcid.org/0000-0002-4776-5524

3. https://www.scopus.com/authid/detail.uri?authorId=57201083827