

GAURAV GANGIL

Mobile: 9929134374, Email: Gauravmits2011@gmail.com



Eight years three months exp. in an academic professional with an organisation of high repute & six month's exp. in an automated plant.

SYNOPSIS

As an Electrical Engineer with a pursuing PhD degree seeking an opportunity to work in Electrical department of an established organisation. I wish to utilize my technical skills, which calls for learning new things all time. My areas of interest include academic and corporate research, a concept of automation.

Work Experience

❖ MANIPAL UNIVERSITY JAIPUR Rajasthan

- Designation : Research Scholar
- Duration : 08-Sep-2020 to Till Date.
- Software Used : MATLAB, DIGSILENT POWER FACTORY, GAMS.
- Programming Used : MATLAB, DPL, GAMS.

❖ SBCMS INSTITUTE OF TECHNOLOGY MUKERIAN HOSHIARPUR Punjab

- Designation : Head of Department.
- Duration : 19-Feb 2018 to 10-feb-2021.

❖ SOBHASARIA GROUP OF INSTITUTIONS Sikar (Raj.)

- Designation : Assistant Professor.
- Duration : Nov 2013 to Feb 2018. (04-Years 03-Months)
- Main Subjects : Power System Instrumentation, Power System Analysis.

❖ L.N.C.T. GROUP (L.N.I.T.) Gwalior (M.P.)

- Designation : Assistant Professor.
- Duration : Aug.2010 to July 2011. (11 Months)
- Main Subjects : Digital electronics & Electrical Instrumentation

❖ KRISHNA ELECTRICALS INDUSTRIES LIMITED, Gwalior (M.P.)

- Designation : Executive (Maintenance).
- Duration : Oct. 2009 to Apr. 2010. (06 Months)

Academics

- Pursuing PhD In “**Electrical Engineering**” Discipline From “MANIPAL UNIVERSITY JAIPUR” In the year Aug. 2020 onwards
- Title : Stochastic Optimization of Variable Renewable Energy For Modern Power System.

- M. Tech In “Measurement And Control” Discipline From “Madhav Institute Of Technology & Science” In Gwalior (2011-2013) With 85.8%..
- Bachelor Of Electrical Engineering From Govt. Engg. College Rewa (M.P.) From R.G.P.V. University, Bhopal (2005-2009) Scoring 68.00%.
- Higher Secondary from M.P. Board Gwalior (2004-2005) With 75%.
- Intermediate From M.P. Board Gwalior (2002-2003) With 62%.

Technical Skills

- AB PLC (SLC 500 Series) and RSLogix500 SOFTWARE.
- SCADA Software: Intouch9.0, RSView32.
- Good knowledge of Instruments.
- DCS (Distributed Control System).

Certified Training Courses

- Have done Certified Training course of “**PLC, SCADA & DCS**” from **SOFCON INDIA Pvt. Ltd** on date 21st Aug. 2012 to 20th Sep.2012” which is very helpful for me to work in automation industry.

Post Graduate Thesis Guided

1. Determination Of Weakest Bus and Its Ranking In Large Power Distribution System And Optimal Allocation Of UPFC In MATLAB
2. Load Flow Analysis and Optimal Allocation of Distributed Generation in IEEE 14 Bus system using PSAT.
3. Load frequency control using two area using PID and FUZZY controller in MATLAB.
4. Analysis on Power Quality Improvement in Distributed Network Using Shunt Active Power Filter.
5. Analysis & Optimization of Economic Load Dispatch Using Soft Computing Technique.
6. Simulation Of UPFC For Improvement of Power Transfer Capability And System Stability Using MATLAB.

Technical Book Published

1. “**Power Electronics-III**” Published by Ashirwad Publication Jaipur on Aug 2014.

Membership of Technical Society

- Have done Lifetime membership of ISTE (Indian Society For Technical Education).
- Have actively done lifetime membership of SCSI (Solar Energy Society of India).
- Have also done Lifetime membership of CSTA.

Declaration: I hereby declare that the information given above is true and correct to the best of my knowledge and believe.

DATE :

PLACE :

(GAURAV GANGIL)



Gaurav Gangil

Research Scholar at MANIPAL
UNIVERSITY JAIPUR
power system

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| Multi-objective optimization of reactive power dispatch problem using fuzzy tuned mayfly algorithm G Gangil, SK Goyal, A Saraswat Expert Systems with Applications 249, 123819 | 1 | 2024 |
| A Wild Horse Optimization Approach for Reactive Power Dispatch (ORPD) Problem G Gangil, SK Goyal, A Saraswat 2022 5th International Conference on Contemporary Computing and Informatics ... | | 2022 |
| Optimal Reactive Power Dispatch Problem Using Novel Wild Horse-Based Optimizer G Gangil, SK Goyal, A Saraswat, Y Gupta International Conference on Flexible Electronics for Electric Vehicles, 495-504 | | 2022 |
| A review on power quality problems, causes and mitigation techniques M Srivastava, SK Goyal, A Saraswat, RS Shekhawat, G Gangil 2022 1st International Conference on Sustainable Technology for Power and ... | 8 | 2022 |
| Simulation of solar-grid charging of electric vehicle using PI controller SK Goyal, G Gangil, A Saraswat 2022 2nd international conference on innovative practices in technology and ... | 2 | 2022 |
| Power quality improvement using DSTATCOM in distribution network G Gangil, SK Goyal, A Saraswat, A Soni, M Srivastava 2021 international conference on control, automation, power and signal ... | 3 | 2021 |
| Simulation models for different power system faults M Srivastava, SK Goyal, A Saraswat, G Gangil 2020 IEEE International Conference on Advances and Developments in ... | 10 | 2020 |
| Optimal placement of DG for power losses minimization in radial distribution system using backward forward sweep algorithm G Gangil, SK Goyal, M Srivastava 2020 IEEE international conference on advances and developments in ... | 11 | 2020 |
| To Reduce Harmonics and Improve the Reactive Power by Three Phase Active Filter. R Srivastava, G Gangil International Journal of Business & Engineering Research | | 2019 |
| AGC issues in power system operation after deregulation using PI and PID controller SK Mitta, AK Sharma, G Gangil 2017 International Conference on Energy, Communication, Data Analytics and ... | | 2017 |
| Identification of critical transmission line for voltage collapse using deterministic indices in IEEE-14 bus system R Choudhary, JS Bhadoriya, G Gangil | 5 | 2016 |

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|--|--------------|------|
| International Journal of Advanced Research in Electrical, Electronics and ... | | |
| Mitigation of voltage sag/swell using Dynamic voltage restorer (DVR) SH Chaudhary, MG Gangil IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) 8 (4), 21-38 | 21 | 2013 |
| Advanced Security Algorithm for Power Grid G Gangil, R Narvey 2013 International Conference on Communication Systems and Network ... | 3 | 2013 |
| A New Bi-Level Stochastic Multi-Objective Optimal Energy Management for Smart Distribution Network G Gangil, A Saraswat, SK Goyal Available at SSRN 4815437 | | |
| NEURAL NETWORK BASED FAULT DETECTION & CLASSIFICATION FOR TRANSMISSION LINES A Jain, N Agarwal, G Gangil | | |
| Analysis on AGC of Interconnected Power System using Integral Controller M Jindal, G Gangil | | |
| A Review on AGC of Interconnected Power System using Integral Controller M Jindal, G Gangil | | |