

Dr.Gyanesh Singh

PhD from Jamia Millia Islamia Central University New Delhi Sep 2021.

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Greater Noida

Uttar Pradesh-201308

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Organizational/Personal Goal

⇒ To lead the organisation using my skills and experience of 19 years in academia , to meet the requirement of organisation in a efficient way.

Academic Experience

19 years teaching experience

Presently teaching as an Assistant Professor in BIET , Hyderabad since sep 2020 till now.

Assistant Prof, in DVSJET MEERUT since sep 2019 to sep 2020.

Assistant Prof, in IMS ENGINEERING College Ghaziabad since Feb.2015 to sep 2019.

From Jan 2012 to Jan 2015 as an Assistant Prof, in KCCITM, Gr Noida.

From Sep 2009 to Jan 2012 Assistant Prof, in IIMT, Gr Noida .

From Sep 2008 to Sep 2009 Assistant Prof, in GNIT, Gr Noida.

From Aug 2002 to Sep 2008 Lecturer and Senior Lecturer in MPEC, Kanpur with extra responsibility of warden, Engineering students at MPEC Kanpur.

Industry Experience

Joined as Junior Engineer in RVPN Jaipur under Rajasthan State Govt for 4 months.

Professional Qualification

⇒ **PhD from Jamia Millia Islamia, New Delhi sep 2021** on the topic :**“Fault diagnosis and protection of transmission system using soft computing techniques.”**Under the supervision of :

Supervisor: **Prof. A.Q.Ansari D/O Electrical Engg, JMI.**

⇒ **M.Tech in Control & instrumentation system** from National Institute of Technical Teacher's Training and Research (NITTTR) Chandigarh, in 2011 with **65%**.

⇒ **B.Tech in Electrical Engineering(AGGREGATE PERCENTAGE-71%)**
From A.K.G Engineering College Ghaziabad (U.P) in 2002.

Achievements

⇒ **GATE- 2011 score 257.**

⇒ **GATE- 2012 score 267.**

⇒ **GATE - 2017 score 384**

⇒ **Got selected in RVPN Jaipur under the Rajasthan State Government in 2010.**

⇒ **5 MOOC certification by NPTEL and ICT IITK.**

⇒ **Approximately 50 FDP and webinar attended and completed successfully.**

Academic Credentials

⇒ High school from Government Inter College Azamgarh (U.P), in 1995.

⇒ Intermediate from Government Inter College Azamgarh(U.P),in 1997.

Project

⇒ **M. Tech-**

- **Dissertation:** “Stability enhancement of Single Machine Infinite Bus System using Hybrid Power Flow Controller”. Under the supervision of:

1. Dr. S Chatterji (Prof. & Head) D/O Electrical Engg, NITTTR, Chandigarh.

2. Dr. (Mrs.) Lini Mathew D/O Electrical Engg, NITTTR, Chandigarh.

⇒ **B. Tech-**

- “Study and analysis of various types of control system”.

Technical Skills

⇒ Languages known: MATLAB, LABVIEW.

⇒ Basic knowledge :MS OFFICE, PYTHON.

Training & Seminar

- ⇒ Presented a seminar on “**Flexible A.C. Transmission System (FACTS)**”.
- ⇒ “**Operating & Working Environment of Control Panel and Silent D.G. Set Divisions**” at Jakson Engineers Limited Noida Phase -2 (U.P) in 2001.

Hobbies

- ⇒ Listening soft music.
- ⇒ Net Surfing (Information searching).

Strengths

- ⇒ Optimistic with positive approach with excellent problem resolving abilities.
- ⇒ Interpersonal and organizing skills, Good listener.
- ⇒ Positive attitude, Patience.

Publications in journal and conferences:

List of journal publications

1. G Singh, AQ Ansari, A Kalam , "Analysis of real time fault data of multi-terminal transmission system using python learning tools," International journal of soft computing and Engineering, 2019/5, pp. 517-523.**(Scopus Index)**
2. G Singh, AQ Ansari, A Kalam , " Comparative analysis of fault diagnosis in transmission line using Soft Computing Techniques," International Journal of Advances in Engineering & Technology, 2020/6, 13 (3) pp. 94-106.**(UGC Care)**
3. G Singh, AQ Ansari, A Kalam , " Regression and classifier of real-time fault data using Non-Linear autoregressive exogenous model (NARX analysis) and comparing with python tool," Journal of Computer Dynamics & Technological Advances.**(Under Publication)(ESCI)**

List of conference publications

1. G Singh, AQ Ansari, A Kalam , " Comparative analysis of real time fault data of multi-terminal transmission system using python learning tools(PLT) and artificial neural" Proceedings of ICAECT 2019_Volume 1 First International Conference (Springer Publication) on Advances in Electrical and Computer Technologies 2019 (ICAECT 2019), 2019/4. pp. 40-50**(Proceeding of Springer Conference)**.
2. G Singh, AQ Ansari, A Kalam , " Fault diagnosis in transmission system using Artificial Neural Network and Fuzzy Logic System," Proceeding of Third IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019) 978-1-5386-8158-9/19, 2019/2, pp. 89-93**(Proceeding of IEEE Conference)**.
3. G Singh, AQ Ansari, A Kalam , " Accuracy determination and fault identification of multi terminal transmission line using soft computing techniques” **(Proceeding of IEEE Conference)**

List of Paper communicated/review

1. G Singh, AQ Ansari, A Kalam , "Fuzzy logic based fault classification of IEEE multi terminal line," Taylor and francis journal. (**SCI Journal**).
2. G Singh, AQ Ansari, A Kalam , " Fault classification in multi terminal transmission line of 3MNBS (Three Machine, Nine Bus System) using voltage and current samples and their comparative analysis for accuracy determination by soft computing techniques," Electric power system research journal. (**SCI Journal**).
3. Paper entitled 'Different Faults Identification & Categorization in Power System Network using fuzzy logic controller' communicated in Journal of Electrical Engineering and Technology (**SCI Journal**).
4. Paper entitled' A Proposed Topology and Fuzzy Logic Controller Design for Fault Diagnosis and Categorisation in Power System Network' communicated in Protection and Control of Modern Power Systems (**Scopus journal**).
5. Paper entitled 'An Optimal Hybrid Bell Approach for The Power System Fault Identification and Protection In Radial System Network' communicated in International Journal of Electrical Power & Energy Systems (**SCI Journal**).

Journal paper and Patent Published with UG Students:

1. Quadcopter for agriculture D Yadav, G Singh, BM Singh, H Chauhan, KG Varshney, G Singh, International Research Journal of Engineering and Technology 5 (5), 1889-1892, 2018.
2. Stability enhancement of single machine infinite bus using solar pv cell G Singh International Advanced Research Journal in Science, Engineering and ..., 2015.
3. Optimal Interference Minimization Between Communication And Transmission Line Using Artificial Intelligence Based Electromagnetic Waves Method Drasdrakdrnkpaldrskcdrpcsdrrksdrnmrcmrsppdrbsmrmkmrg Singh **IN Patent 37/2,021, 2021**.
4. Title of the invention : Design And Development Of Shadow Free Efficient Solar Pv Tree (Spvt) Dbpkdtsmkrmpskmbrmvskmbammdkmpmgs **IN Patent 09/2,021, 2021**
5. HBPGS A. Kumar, A. Rajput, A. Sharma, Y. Pandey International Journal of Advance Research, Ideas and Innovations in ..., 2018 Grid Connected Renewable Energy Sources
6. KPPGS H. Vashishtha, A. Anand, M. Kumar, R. Kumar IJARIIIE- International Journal of Advance Research, Ideas and Innovations in ..., 2018 Quadcopter for Agriculture
7. KGVPGS D. Yadav, G. Singh, B.M. Singh, H. Chauhan International Research Journal of Engineering & Technology 5 (4), 2018 Railwa2019 Advance Border Security Systemy Traffic/Collision Control System SSPGS Ankur Rawat, Anchal Singh, Monika Bhati, Ayush Kumar Gupta International Journal of Research & Scientific Innovation 5 (3), 2018

8. Ankur Rawat, Anchal Singh, Monika Bhati, Ayush Kumar Gupta, Shreya Shrivastava & Prof. Gyanesh Singh (2018) Railway Traffic/Collision Control System, *International Journal of Research & Scientific Innovation*, Vol. 5, Issue 3, March.
9. H. Vashishtha, A. Anand, M. Kumar, R. Kumar, K. Prakesh & Prof. Gyanesh Sungh (2018), Grid Connected Renewable Energy Sources, IJARIE- *International Journal of Advance Research, Ideas and Innovations in Education*, Vol. 4, Issue 3 May.
10. D. Yadav, G. Singh, B.M. Singh, H. Chauhan, K.G. Varshney & Prof. Gyanesh Singh (2018), Quadcopter for Agriculture, *International Research Journal of Engineering & Technology*, Vol. 5, Issue 4 April.
11. A. Kumar, A. Rajput, A. Sharma, Y. Pandey, H. Bhardwaj & Prof Gyanesh Singh(2018), Advance Border Security System, *International Journal of Advance Research, Ideas and Innovations in Education*, Vol. 4, Issue 3 May.

Subject Taught:

- **Basic Electrical Engineering**
- **Network Analysis & Synthesis**
- **Power Electronics**
- **Control System**
- **EMMI,EMI**
- **Electric Drives**
- **EMEC-I,II**
- **EMAC**
- **PSA**
- **ELEMENTS OF POWER SYSTEM**
- **SGP**
- **BSA**
- **PSP**
- **NCER**

Personal Details

Birth Date : Aug.6th 1981 (August 6 Nineteen Eighty one)
Father's Name : Mr. Hawaladar Singh
Linguistic Proficiency : English, Hindi.
Gender : Male
Citizenship : India
Marital Status : Married
Permanent Address : Village- Benupur, Post - Benupur
Dist: Azamgarh (U.P), PIN - 276204
Contact No : 08588036556

Date:

Place:Greater Noida

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