

CURRICULUM VITAE

Name: GAGARI DEB

Present Designation: Lecturer (Contractual)
Department of Electrical Engineering
Tripura University (A Central University)



(A

Academic Qualifications: M.Tech (Electrical), Tripura University Central University).

Sl.No	Examination Passed	Board/University	Year of passing	Result
1	Ph.D (Pursuing)	NIT, Agartala	-	Registration is completed
2	M.Tech(Electrical)	Tripura University	2008	78.50 %
3	B.E(Electrical)	Tripura University	2004	70.65 %
4	Higher Secondary	T.B.S.E	2000	65.30 %
5	Madhyamik	T.B.S.E	1998	74.00 %

Teaching Experience:

- 1) Working as a Lecturer (Contractual) in Tripura University from 06.01.2009 to till date.
- 2) Lecturer in ICFAI University, Tripura from 09.07.2008 to 02.01.2009.
- 3) Visiting Lecturer in Tripura Engineering College (Now NIT Agartala) from 18.08.2005 to 15.05.2006.

Other Working Experience: 1 year.

- 1) Apprenticeship training under T.S.E.C.L from 15.10.2004 to 17.10.2005.

Membership in Organizations: (1) Institute of Engineers' (INDIA)

Date of birth: 24.02.1982

Father's name: Sri Ratan Lal Deb

Mother's name: Smt. Pujarini Deb

Husband's name: Sri Shashankar Datta

Nationality: Indian

Permanent Address: C/O Sri Ratan Lal Deb, Beltali, Road No.10.P.O: Arundhutinagar, Agartala, Tripura (West), Pin: 799003.

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Telephone No/ Mobile No: 0381-2371487(L), 09436168524(M)

Category: General

Marital Status: Married

Publications:

- 1) Gagari Deb, Kabir Chakraborty, “Gauss-Seidel Method Based Voltage Security Analysis of Distribution System”, International Journal of Electrical and Computer Engineering, ISSN: 2088-8708, Vol.8, No.1, pp. 43-51, February 2018, Published by Institute of Advanced Engineering and Science.
- 2) Gagari Deb, Kabir Chakraborty, “Artificial Neural Network Based Voltage Stability Analysis of Radial Distribution System”, International Journal of Applied Engineering Research, ISSN: 0973-4562, Vol. 12 No.8, pp. 1524-1528, May 2017, Published by Research India Publications.
- 3) Gagari Deb, Kabir Chakraborty, Sumita Deb , “ Voltage Stability Analysis using Reactive Power as Indicator and Its Improvement by FACTS Device ”, Proceedings of First IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), July 4-6, 2016, Delhi Technological University, Delhi, India.
- 4) Kabir Chakraborty, Gagari Deb, Sumita Deb , “ Voltage Stability Assessment in Radial Distribution System by Line Stability Indicator (LSI) and its Improvement using SVC ”, Proceedings of First IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), July 4-6, 2016, Delhi Technological University, Delhi, India.
- 5) Gagari Deb, “Improvement of Power System Stability by using Power System Stabilizer”, Proceedings of IEEE CALCON 2014, November 07-08, 2014, IEEE Kolkata section, Kolkata, India.
- 6) Gagari Deb, Abhishek Das, Moumita Deb, Rikta Majumder, “ Voltage Sag Mitigation by Dynamic Voltage Restorer”, Proceedings of IEEE CALCON 2014, November 07-08, 2014, IEEE Kolkata section, Kolkata, India.
- 7) Moumita Deb, Abhishek Das, Gagari Deb, “ Control of Voltage and Frequency of a Wind Electrical System using Frequency Regulator ” , International Journal of Engineering Research and Technology (IJERT), ISSN: 2278-0181, Vol.3 Issue 3, pp. 1473-1475, March 2014, Published by ESRSA Publication.
- 8) Gagari Deb, Bismoy Roy, Roshan Ghosh, “Use of DTMF Controller in Distribution Line Protection”, International Journal of Engineering Research and Technology (IJERT), ISSN: 2278-0181, Vol.2 Issue 6, pp. 1936-1941, June 2013, Published by ESRSA Publication.

- 9) Gagari Deb, "Ferranti Effect in Transmission Line", International Journal of Electrical and Computer Engineering, ISSN 2088-8708, Volume 2, Number 4, pp. 447-451, August 2012, Published by Institute of Advanced Engineering and Science (IAES).
- 10) Gagari Deb, Ramananda Paul, Sudip das, "Hybrid Power Generation System", International Journal of Computer and Electrical Engineering, ISSN: 1793-8198(online version), 1793-8163(print version).Volume 4, Number 2, pp. 141-144, April 2012, Published by International Association of computer Science and Information Technology Press (IACSIT).
- 11) Gagari Deb, "Nature of Wind Turbine Power", International Journal of Computer and Electrical Engineering, ISSN: 1793-8198(online version), 1793-8163(print version).Volume 4, Number 2, pp. 145-148, April 2012, Published by International Association of computer Science and Information Technology Press (IACSIT).
- 12) Gagari Deb, Arijit Bardhan Roy, "Use of Solar Tracking System for Extracting Solar Energy", International Journal of Computer and Electrical Engineering, ISSN: 1793-8198(online version), 1793-8163(print version). Volume 4, Number 1, pp. 42-46, February 2012, Published by International Association of computer Science and Information Technology Press (IACSIT).
- 13) Arijit Bardhan Roy, Sharmistha Paul, Gagari Deb, " Design of Solar Tracking System", Proceedings of National Conference on Recent Trends in Alternate Energy-2011, June 9th -10th , 2011, Department of Chemical Engineering, NIT Calicut, Kerala, India.
- 14) Gagari Deb, Partha Sarathi Saha, Prasenjit Das, "A Method of Finding Capacitor Value for Power Factor Improvement", International Journal of Electrical Engineering, ISSN 0974-2158, Volume 4, Number 8, pp. 913-922 (2011), Published by International Research Publication House, New Delhi, India.
- 15) Gagari Deb, Ramananda Paul, Sudip Das, " Hybrid Power Generation System", International Conference on Electrical Energy and Networks(ICEEN 2011), January 7th - 9th , 2011, IEEE and IACSIT, Mumbai, India.
- 16) Gagari Deb, "Nature of Wind Turbine Power", International Conference on Electrical Energy and Networks (ICEEN 2011), January 7th -9th, 2011, IEEE and IACSIT, Mumbai, India.
- 17) Gagari Deb, Subhadeep Bhattacharjee, " Power Generation by Wind Electrical System", National Conference on Power Systems Today-2010(PST-2010), March 23rd -27th , 2010, Department of Electrical Engineering, AU College of Engineering(A), Andhra University, Visakhapatnam, Andhrapradesh, India.

Seminar/ Workshop Attended:

1. One Day workshop on "The Role of Local Chapters" on April 24, 2017, organized by Indian Institute of Technology, Kanpur at Tripura University, Agartala.
2. Ten Days' Workshop on " Smart Grid : Secure and Sustainable Energy" September 16-25, 2016, organized by Department of Electrical Engineering, Tripura University (A Central University), under Global Initiative for Academic Networks (GIAN).

3. One day Seminar on “Power Development Scenario in Tripura & Bangladesh” On March 25, 2016, organized by, Institute of Engineers’ India, Tripura State Centre.
4. Three Days’ National Workshop on “Recent Advancement in Soft Computing Techniques” January 29-31, 2016, organized by Department of Mathematics, National Institute of Technology, Agartala, India.
5. Two Days’ Workshop on “Virtual Laboratory” January 13-14, 2016, jointly organized by Tripura University (A Central University) and Indian Institute of Technology, Guwahati.
6. Ten Days’ Workshop on “stability Modelling & Analysis of Power System Including Large Renewable Energy Sources” December 30, 2015-January,8, 2016, organized by Department of Electrical Engineering, National Institute of Technology, Agartala, India.
7. One day work shop on “Smart Grid” on 27th April, 2015, organized by Department of Electrical Engineering, Tripura University.
8. Author Workshop on “How to use Online Resources and Develop Skills to Write and Publish”, on 25th March, 2015, organized by Wiley in collaboration with Central Library, Tripura University.
9. Three days’ workshop on “Effective Implementation of Research Proposals, Simulation and Reports” January 22nd -24th , 2015, organized by Industry Institute Interaction Cell, Tripura Institute of Technology, Narsingarh, Tripura (West), Sponsored by TEQIP-Phase II, Govt of India.
10. Author Workshop on “Skill development to write scientific literature, quality improvement of manuscript for publication success”, 18th November, 2014, Organized by SPRINGER in collaboration with Central Library, Tripura University.
11. 1 day Workshop on “Basics of Photonics”, 1st February, 2014, organized by Department of Electrical Engineering, Tripura Institute of Technology, Narsingarh, Agartala. Sponsored by TEQIP-Phase II, Govt of India.
12. National Seminar on “Higher Education: Past, Present and Future-A Special Reference to North East India”, October 25th -26th 2013, organized by Tripura University Employees’ Association, Tripura University, Suryamaninagar, Tripura, India.
13. Seminar on “Energy Conservation Building Code (ECBC)”, August 25, 2013, Jointly organized by ‘The Institution of Engineers (India)’, Tripura State Centre and Tripura State Electricity Corporation Limited, Agartala, supported by Bureau of Energy Efficiency (BEE), New Delhi.
14. Workshop on Digital Holography, May 23rd -24th, 2013, Organized by Tripura University (A Central University).
15. Mission 10X, November 30th – December 4th, 2010, Organized by, Wipro. corporation
16. Computational Information Processing, March 23rd -27th, 2009, Organized by Indian Statistical Institute, Kolkata and Tripura University (A Central University).

Membership in Organizations: Institute of Engineers' (INDIA)

Name of the M.Tech projects guided:

- 1) Voltage Stability Analysis of Power System Network by Using the Thevenin's Equivalent Circuit (2016-2017).
- 2) Voltage Stability Analysis Using Bus Stability Indicator In Power Transmission Line (2016-2017).
- 3) Design of Fault Current Limiter (2014-2015).
- 4) Reduction of Aggregate Technical & Commercial loss for a Distribution Network T.S.E.C.L (2014-2015).
- 5) Voltage stability Assessment Power Transmission Network of Tripura by Network Reconfiguration (2014-2015).
- 6) An Efficient MPPT based PV Power fed Induction Motor Drive for Water Pumping System (2014-2015).
- 7) Control of Voltage and Frequency in Wind Electrical System (2013-2014).
- 8) Use of DTMF Controller in Distribution line Protection (2011-2013).
- 9) Design of DTMF Based Controller for Relay Operation Control & Efficiency Improvement of a PV cell (2011- 2012).
- 10) Representation of Power System using LABVIEW (2010-2011).
- 11) Solar Tracking System (2010-2011).
- 12) Simulation of Hybrid Power System using PSCAD/EMTDC (2009-2010).
