

Curriculum Vitae

Name: ADITI DATTA

Current Position: Assistant Professor
Electrical Engineering Department.
TIT, Narsingarh



Address:

Nagerjala.
Village: North Badharghat.
P.O. Arundhati Nagar.
Agartala, Tripura(West).
PIN-799003

Education: M.Tech (Power and Energy System), National Institute of Technology, Silchar

Research Interest: Signal Processing, Chaotic Communication, Nonlinear Dynamics.

Courses taught:

1. Field Theory
2. Signal and System
3. Digital Signal Processing
4. Energy System and Auditing.
5. Network and System Laboratory.

Academic Responsibilities:

1. Departmental NBA Coordinator
2. In charge of Basic Electrical and Network and System Lab.
3. Member of Induction training program.
4. Member of lab inspection Committee.

Member of Professional Bodies: AMIE, The Institute of Engineers, India

Special Achievements: NIL

Publications:

1. A.Datta, A. Ghosh and A. Mukherjee, 'Characterization of Chaotic electro optic modulator with the help of Lyapunov exponent and bifurcation analysis technique', Materials Today: Proceedings, Vol. 5, pp. 20131-2039, 2018.
2. Anjan K Ghosh, Aditi Datta, Anjan Mukherjee, Richa Debnath, Rakesh Dey, Somudeep Bhattacharya, Sayan Paul, Ujjayanta Dey, 'Implementation of Chaos Masking Communication Scheme using Chaotic Electro Optic Modulator, Realized with the Help of

OPAMP based Electronic Circuit.' International Journal of Engineering Technology, Management and Applied Sciences, June 2017, Volume 5, Issue 6.

3. Anjan K Ghosh, Aditi Datta, Anjan Mukherjee, Richa Debnath, Rakesh Dey, Somudeep Bhattacharya, Sayan Paul, Ujjayanta Dey, 'Implementation of Chaos Masking Communication Scheme using Chaotic Electro Optic Modulator, Realized with the Help of OPAMP based Electronic Circuit.' International Conference on Advancement in Engineering, Applied Science and Management at C-DAC, Juhu, Mumbai,(India) on 18th June 2017.

4. Anjan K Ghosh, Aditi Datta, Anjan Mukherjee, 'Noise Tolerance of Optical Chaos Encrypted Communication Using Nonlinear Electro-optic Systems', PHOTONICS -2018, International conference on Fiber Optics ad Photonics , Dec-12-15, IIT Delhi.

5. Anjan K Ghosh, Aditi Datta, Anjan Mukherjee, 'Characterization of Chaotic Time Series with the help of Lyapunov Exponent' Journal Tri. Math. Soc. Vol(20),(2019) P-31-43.

6. Anjan K Ghosh, Aditi Datta, Anjan Mukherjee, 'Investigating the Noise Immunity Property of Electro Optic Modulator.' ICIMSATE-2019, Sept. 20-21,2019.

Workshop/Seminar attended/coordinated:

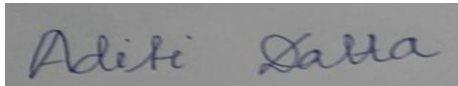
No of conference attended.

1.Photonics-18 IIT Delhi

2.International conference on Material Science, Tripura University.

3.Intrnational conference, conducted by Tripura Mathematical Society.

4. International conference, conducted by CDAC, Mumbai



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