



Techno College of Engineering Agartala

An Engineering College affiliated to Tripura University (A Central University),

Approved by AICTE, MHRD, Govt. of India

Website: www.tiaedu.org

Name of the faculty: TANDRA SUTRADHAR

Designation: Assistant Professor

Education: (UG,PG, PhD) PG

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Research Interest:

- Image Processing

Membership of professional bodies: NA

Professional Experience:

- Computer Lab Instructor at Women's Polytechnic, Hapania from 22nd April 2008 to 5th December 2008.
- Worked as a Guest Lecturer in the Dept. of Electronics & Telecommunication Engineering at Women's Polytechnic, Hapania from 19th August 2013 to 31st July 2015.
- Working as an Assistant Professor in the Dept. of Electronics & communication Engineering at Techno College of Engineering Agartala 2nd May, 2017 to till date.

Patents: NA

Publications:

- Voltage Sag Mitigation by using SVC. International Journal of Computer Applications 71(12):16-20, June 2013, pp. 16-20, DOI: 10.5120/12410-9068, Published by Foundation of Computer Science, New York, USA.
- Voltage Swell Mitigation by using UPFC. International Journal of Electronics Communication and Computer Engineering Volume 4, Issue3, ISSN (Online):2249-071X, ISSN (Print): 2278-4209, pp-980-985.
- Voltage collapse Mitigation by using STATCOM. International Journal of Computer Applications, vol. 70, issue 12, pp. 36-42, DOI: [10.5120/12017-8079](https://doi.org/10.5120/12017-8079), Published by Foundation of Computer Science, New York, USA.
- Adaptive clip-limit-based bi-histogram equalization algorithm for infrared image enhancement. Applied Optics, 59(28), 9032-9041.
- Infrared images enhancement using fuzzy dissimilarity histogram equalization. Optik, 247, 167887.

Achievements (if any): NA

Hobbies: Reading Newspaper, Listing music.

