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ACADEMIC QUALIFICATIONS:

DOEACC-B-level, M.E , qualified in GATE Exam.

AREA OF TEACHING INTEREST:

Data structure, Formal Language and Automata Theory, Design and Analysis of Algorithm, DataBase Management System

AREA OF RESEARCH INTEREST:

Nano-Technology.

ADMINISTRATIVE RESPONSIBILITY:

- Member of DIATM core committee
- Officer-in Charge of Examination cell, DIATM
- Active member of SCIMANTEK,

ACADEMIC EXPERIENCE:

19 years of teaching.

RESEARCH PUBLICATION IN INTERNATIONAL CONFERENCE:

[1] Sagnik Dutta, Pinaki Pratim Acharjya and Esha Dutta, "Authentication using Digital Signature Algorithm with Montgomery Modular Multiplier", Proc. IEEE sponsored 2nd International conference on Electronics, Communication and Aerospace Technology, pp. 580-582, Coimbatore, Tamilnadu, India, March 2018.

[2] Dibyendu Ghoshal, Pinaki Pratim Acharjya and Sagnik Dutta, "Morphological Image Segmentation Based on Vectorization" Proc. IEEE sponsored 2nd International conference on Electronics, Communication and Aerospace Technology, pp. 583-586, Coimbatore, Tamilnadu, India, March 2018.

[3] Pinaki Pratim Acharjya and Sagnik Dutta, "An aspect of biometric image segmentation and authentication for digital images", Proc IEEE sponsored International Conference on Computational Intelligence and Computing research, pp. 216-223, Coimbatore, Tamilnadu, India, Decembere2017.

[4] Sagnik Dutta, Rituparna Chaki, Nabendu Chaki, "Optimal Reactive Routing Protocol (ORRP): A New Reactive Routing Protocol for the Shortest Path in Ad Hoc Networks", **Conference paper** · Annual IEEE October 2006 DOI: [10.1109/INDCON.2006.302850](https://doi.org/10.1109/INDCON.2006.302850) .