Curriculum Vitae

Pradosh Kumar Gantayat
Associate Professor

Contact address

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Research Interest: Delay Tolerant Network, Soft Computing, Ad-Hoc Network

Education:

1. Ph.D (Computer Science and Engineering)

- **VSS University of Technology, Burla, Odisha, India (Formerly known as UCE,Burla)**
- Specialization: **Delay Tolerant Network**
- Thesis Topic: **Development of a Trust-based Routing Protocol for Delay Tolerant Network**
- Advisor**: Dr.Satyabrata Das (VSSUT)**
- Result**:** Awarded on Oct 08,2021

2. M.Tech (Computer Science and Engineering), November, 2007

- **KIIT University, Bhubaneswar, Odisha, India**
- Specialization: Computer Science and Engineering
- Thesis Topic: Nonlinearity Aspect of Boolean function in Cryptography
- Advisor: Dr. Bhabani Mishra (KIIT University)
- Result: First Division

3. Bachelor in Engineering (Computer Science and Engineering) May, 2001

- **North Odisha University, Odisha, India**
- Result: First Division

Computer skills:

- Languages: MATLAB, Blue Prism, C, C++
- Platforms: Windows/Linux
- Miscellaneous: LATEX, MS Office

Subject Taught: Theory of Computation, Compiler Design, Soft Computing

Publications:

International Journals

1. **Pradosh Kumar Gantayat**,Satyabrata Das "Award-Reward Protocol Based on Clustering and Trust Level for Routing in Delay Tolerant Network" Journal of Applied Security Research (Taylor and Francis.) Vol 14 Issue 3 Pages 270-285 (**Scopus**) https://doi.org/10.1080/19361610.2019.1621593

2. **Pradosh Kumar Gantayat**,Satyabrata Das "Harris-Hawk and Jaya Algorithm for Routing In Delay Tolerant Network" International Journal of Business Data Communication and Networking (**Scopus**) Vol 17 Issue1 Article 3 Pages 38-54 IGI Global,2021 , DOI: 10.4018/IJBDCN.2021010103

3. **Pradosh Kumar Gantayat**,Satyabrata Das "Secure Trust Level Routing in Delay Tolerant Network with Fuzzy Empowered Node Categorization Technique",Journal of Computational and Theoretical Nano science (**Scopus**) Vol 16 (5-6), pages 2294-2298

4. **Pradosh kumar Gantayat**,Sambit Mohanthy,Sudeep Gochhayat"Various routing protocol in DTN" International Journal of Information Technology and Mechanical Engineering, Vol 2 issue11,Novemember 2016

5. **Pradosh kumar Gantayat**,S.S.P Jena"Delay Tolerent Network-A Survey" International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 7, July 2015

6. Biswa Ranjan Acharya, **Pradosh Kumar Gantayat** "Recognition of Human Unusual Activity in Surveillance Videos" International Journal of Research and Scientific Innovation Vol 2 Issue 7 pp18-26 July 2015 ISSN 2321-2705

7. Chinmayananda Panda, Surya Narayan Patro, **Pradosh Kumar Gantayat**" Node reliability in WDM Optical Network" International Journal of Computer Science Issues (IJCSI) Vol 9 Issue 2,2012

8. Chinmayananda Panda,Surya Narayan Patro,**Pradosh Kumar Gantayat** " Link Reliability in WDM Optical Network" Indian Journal of Computer Science and Engineering, (IJCSI) Vol 3 Issue 1,pp 126-132,2012.

International Conferences

1. **Pradosh Kumar Gantayat**,Satyabrata Das "A Hybrid Route Optimization In Delay Tolerant Network", 2nd International Conference on Advances in Distributed Computing and Machine Learning (ICADCML-2021) during 15-16 January 2021 (Springer)

2. **Pradosh Kumar Gantayat**, Satyabrata Das "Optimized Trust and Reputation based Routing in Delay Tolerant Network", 4th International Conference on Smart Computing and Informatics (SCI-2020), during 9-10, October 2020 (Springer)

3. **Pradosh kumar Gantayat** et al, "Security Issues In DTN" International Interdisciplinary Conference On Engineering Science & Management Held on 17th - 18th December 2016, in Goa, India. ISBN: 9788193137383

Patent Filed/Granted with Details

Sl.No	Name of The Patent	Registration Number	Date of Award /Application	Awarding Country
1.	Method of Data Transmission	201941042929	25.10.2019 Published	India
2	Agriculture Monitoring System based on Wireless Sensor Network	201941046017	17.01.2020 Published	India

Books Published/Chapter Contributed

Sl.No	Details
1.	**Pradosh Kumar Gantayat**,Satyabrata Das "Optimization Trust and Reputation basedRouting Protocol in Delay Tolerant Network" in Data Engineering and Intelligent Computing (Springer, Singapore) 2021
2.	**Pradosh Kumar Gantayat** Sachikanta Dash,Sambit Mohanthy " Liver Disease Prediction using Machine Learning Algorithm" in Data Engineering and Intelligent Computing(Springer, Singapore) 2021
3.	**Pradosh Kumar Gantayat**. Sambit mohanthy "Employee Churn Management using AI"In Artificial Intelligence and Machine Learning in Business management, Concepts, Challenges and Case Studies, CRC Press, Taylor and Francis Group,2021
4	**Pradosh Kumar Gantayat**, Satyabrata Das,Batakrushna Tripathy " Hybrid Route Optimization Mechanism in Delay Tolerant network" in Advances in Distributed Computing and Machine Learning, (Springer, Singapore) 2021
5	Sachikanta Dash, **Pradosh Kumar Gantayat**, Rajendra Das, "BlockChain Technology in Health care: Opportunity and Challenges" in Blockchain Technology Applications andChallenges pp.97-110 (Springer, Singapore) 2021

Workshop/FDP/Short term Courses Organized

In the Capacity of	Title	Period From	Period To	Organised at	Sponsored by
Coordinator	Recent Trends in Cloud Computing (Phase-II)	April 22,2021	April 28,2021	DRIEMS	AICTE-ISTE New Delhi
Coordinator	Recent Trends in Cloud Computing (Phase-I)	December 07,2020	December 12,2020	DRIEMS	AICTE-ISTE New Delhi
Coordinator	Introduction to MATLAB and Its Application	December 22,2019	December 27,2019	DRIEMS	BPUT-VTU Odisha
Organizing Secretary	National Seminar on IoT	August 22, 2018	August 24.2018	DRIEMS	DRIEMS

Coordinator	FDP on Engineering Application and IoT	September 09,2017	September 09,2017	DRIEMS	TCS,Bhubaneswar
Coordinator	FDP on Fundamentals on Data Warehousing	August 02,2017	August 02,2017	DRIEMS	TCS,Bhubaneswar
Coordinator	FDP on Pedagogical Techniques on Engineering Teaching	June 01,2017	June 01,2017	DRIEMS	TCS,Bhubaneswar
Coordinator	FDP on Quality Assurance	April 21,2017	April 21,2017	DRIEMS	TCS,Bhubaneswar
Coordinator	Workshop on Cyber Security	February 07 2017	February 09 2017	DRIEMS	DRIEMS
Coordinator	Trainning Programme on C,C++,DS	February 15 2017	February 15 2017	DRIEMS	DRIEMS

Teaching Experience Summary: (Total Experience 19 years)

- **Presently working as Associate Professor at DRIEMS Autonomous Engineering College, Cuttack, Odisha in the Department of Computer Science and Engineering since 04/09/04**
- Worked as Assistant Professor at GKCET, Jeypore from 28/02/03 to 30/08/04
- Worked as Lecturer (Contractual) at VSSUT, Burla from April 2002 to February 2003.

Awards and Recognition:

- Received "Best Paper Presentation Award" during 9th International Conference on Frontiers of Intelligence Computing: Theory and Applications (FICTA 2021) held at National Institute of Technology, Mizoram, India, June 25-26,2021
- Received "Research Excellence Award" from Institute of Scholars, Bangalore in InSc Awards 2021

Academic Responsibility:

- An **active member** of preparation of University Status Report, NAAC Report, NBA Self-Assessment Report, AICTE affiliation Report for the Institute.
- A **Member** of DRIEMS Research and Development Committee to promote the research activity in the Institute
- **Chief Coordinator** for the preparation of Affiliation report for the institute submitted to Biju Pattanaik University of Technology, Odisha.
- Elected as Test **Centre Administrator** for conducting Railway, Banking and GATE examination.

(**Pradosh Kumar Gantayat**)