

BINEET KUMAR JOSHI

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UGC NET, GATE

Educational Qualifications

Ph.D, MTech

Research Interests

- Cyber Security, Artificial Intelligence, Cloud Computing

Teaching Experience: 18 years

- Working as Associate Professor in Department of Computer Science & Engineering, ICFAI Tech School, ICFAI University, Dehradun, Uttarakhand

Publication in International Journals/Letters/Book Chapter

1. **Bineet Kumar Joshi** & Mahesh Chandra Joshi. “Comparative study of dynamic threshold based distributed denial of services attack detection techniques in software defined network”, Advances and Applications in Mathematical Sciences, 22(5), pp. 1013-1023, 2023, ISSN 0974-6803.
2. **Bineet Joshi**, Bansidhar Joshi, Anupama Mishra, Varsha Arya, Avadhesh Kumar Gupta, Dragan Peraković. “A Comparative Study of Privacy-Preserving Homomorphic Encryption Techniques in Cloud Computing”, International Journal of Cloud Applications and Computing (IJCAC), 12(1), pp. 1-11, 2022, DOI: 10.4018/IJCAC.309936.
3. Anupama Mishra, **Bineet Kumar Joshi** Varsha Arya, Avadhesh Kumar Gupta, Kwok Tai Chui. “Detection of Distributed Denial of Service (DDoS) Attacks Using Computational Intelligence and Majority Vote-Based Ensemble Approach”, International Journal of Software Science and Computational Intelligence (IJSSCI), 14(1), pp. 1-10, 2022, DOI: 10.4018/IJSSCI.309707.

4. Bansidhar Joshi, **Bineet Kumar Joshi** & Kritika Rani. "DDoS Attack Mitigation using Random and Flow Based Scheme", Data, Engineering and Application, Vol. 2, pp. 119-128, **Springer** Singapore, 2019, ISBN : 978-981-13-6350-4.
5. **Bineet Kumar Joshi** , Nitin Joshi & Mahesh Chandra Joshi, "Early Detection of Distributed Denial of Service Attack in Era of Software-Defined Network", 2018, , **IEEE Xplore** , DOI : 10.1109/IC3.2018.8530546.
6. Bansidhar Joshi, **Bineet Kumar Joshi** & Kritika Rani, "Mitigating Data Segregation and Privacy Issues in Cloud Computing", Advances in Intelligent and Soft Computing vol. 508, pp. 175-182, **Springer** Singapore, 2017, ISBN: 978-981-10-2749-9
7. **Bineet Kumar Joshi** & Bansidhar Joshi, "Security Threats and Their Mitigation in Infrastructure as a Service", Perspectives in Science, vol. 8, pp.462-464, **Elsevier**, 2016. ISSN: 2213-0209.
8. **Bineet Kumar Joshi** & Bansidhar Joshi, "Analyzing Link Stability and Throughput in Ad Hoc Network for Ricean Channel by Varying Pause Time", Advances in Intelligent and Soft Computing, vol. 2, pp. 351-356, **Springer** Singapore, 2016, ISBN: 978-981-10-0754-5.
9. Aman Sagar, **Bineet Kumar Joshi** & Nishant Mathur, "A Study of Distributed Denial of Service Attack in Cloud Computing (DDoS)", HCTL Open Science and Technology Letters (STL), Edition on Cloud and Distributed Computing: Advances and Applications, Volume 2 , pp 1-7,2013,ISSN-2321-6980.
10. **Bineet Kumar Joshi** & Nischol Mishra, "Link Analysis of Mobile Nodes in Ad Hoc Network Using Ricean Fading Channel Model" " International Journal of Modeling and Optimization", vol. 3, no. 1, pp. 84-86, 2013. ISSN- 2010-3697
11. Bansidhar Joshi, **Bineet Kumar Joshi**, A. Santhana Vijayan, "Securing Cloud Computing Environment Against DDoS Attacks" 2012, **IEEE Xplore** DOI : 10.1109/ICCCI.2012.6158817
12. **Bineet Kumar Joshi** & Bansidhar Joshi, "Performance Analysis of Mobile Nodes in Ad Hoc Network Using Different Wireless Communication Channel Models", 2011, **IEEE Xplore** , DOI : 10.1109/ICECTECH.2011.5941962.

Contribution in International Conferences/Symposium

1. **Bineet Joshi**, Bansidhar Joshi and Sanjeev Kumar
“A Deep Learning Approach for Real Time Gender Classification, Expression Recognition and Emoticon Generation”, **5th 2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT)**, 09-10 February 2024, Noida.
2. Bansidhar Joshi, **Bineet Kumar Joshi**
“A Comprehensive Survey on Privacy Preserving Data Mining Techniques”, **International Conference on Cyber Security, Privacy and Networking**, September 28-30, 2023, Dubai (Virtual Mode).
3. **Bineet Kumar Joshi** & M C Joshi
"Detection of Distributed Denial of Service Attack Using Software-Defined Network with Dynamic Entropy", **International Conference on Smart Systems and Advanced Computing (SysCom 2022)**, December 30-31, 2022, Macau, China (Virtual Mode).
4. **Bineet Kumar Joshi**, Nitin Joshi & M C Joshi
"Early Detection Techniques of Distributed Denial of Service Attack Leveraging Software-Defined Network", **International Seminar on Advanced Computing Technologies (ACT2018)**, Invertis University, April 20-21, 2018, Bareilly, India
5. **Bineet Kumar Joshi**, Arpit Goel & M C Joshi
“Homomorphic Encryption: Maintaining Data Privacy in Cloud”, International Conference on Mathematics & Applications, April 26-28, 2017, University of Delhi, New Delhi, India
6. **Bineet Kumar Joshi** & M C Joshi
“Role of Software Define Network in Mitigation of Flood Based Distributed Denial of Service attacks”, International conference of International Academy of Physical Sciences (CONIAPS-XIX), October 17- 19, 2016, Nainital, India.
7. Bansidhar Joshi, **Bineet Kumar Joshi**, A. Santhana Vijayan
“Securing Cloud Computing Environment against DDoS Attacks”, International Conference on Computer Communication & Informatics, January 10-12, 2012, Coimbatore, India.
8. **Bineet Kumar Joshi** & Bansidhar Joshi

“Performance Analysis of Mobile Nodes in Ad Hoc Network Using Different Wireless Communication Channel Models”, International Conference on Electronic Computer technology, April 8-10, 2011, Kanyakumari, India.

9. **Bineet Kumar Joshi** and Dr. Rajeev Agrawal

“Role of Probabilistic Modeling in Performance Analysis of Wireless Ad hoc Networks”, International conference on Advance in Mathematics: Historical Development & Engineering Applications, December 19-22, 2007, Pantnagar, India.

- , Haridwar Chapter.

Scholarship/ Awards

1. **UGC NET** in computer science, Dec 2013.
2. **State Eligibility Test (U-SET)** in computer science, July 2012.
3. **University Silver Medal** for M.Tech. Program in year 2008.
4. **GATE** scholarship during M.Tech. Program (2006-2008).