Devpriya Panda, M.Tech.

Designation : Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2022)

Contact : +919937832987

Email : devpriya.panda@silicon.ac.in &

devpriya.panda @gmail.com

RESEARCH INTERESTS

Security in IoT:

- ✓ Analysis of packets in IoT network for detection of DDoS attack.
- ✓ Analysis of IoT network traffic for detection of MITM attack
- ✓ Preparation of framework for identification and mitigation of security threats in IoT network

Academic Qualifications

M.Tech. (CSE): Biju Patnaik University of Technology, Odisha

B.E. (CSE): Biju Patnaik University of Technology, Odisha

Teaching Experience/Industrial Experience/Research Experience

- ✓ Worked as Assistant Professor from 2006 to 2018 in C. V. Raman College of Engineering, Bhubaneswar
- ✓ Worked as Assistant Professor in GIET, Gunupur since August 2018 to October 2020.
- ✓ Worked as Assistant Professor in GITA, Bhubaneswar since November 2020 to March 2022.

PUBLICATIONS

JOURNAL& CONFERENCES

[1]. Devpriya Panda, Brojo Kishore Mishra, Kavita Sharma, "An approach to detect DDoS attack in IoT using Machine Learning Techniques", in ICTSGS, November 2021

[2]. Sharmistha Puhan, Devpriya Panda, Brojo Kishore Mishra, "Energy Efficiency for Cloud Computing Applications: A Survey on the Recent Trends and Future Scopes" in ICCSEA-2020

[3]. Devpriya Panda, Brojo Kishore Mishra, Chhabi Rani Panigrahi, "Study of different computation offloading techniques in Mobile Edge Computing in IoT Environment", In: Proceedings of International Conference on Recent Trends in IoT and Blockchain (ICRTIB-19).

[4]. Devpriya Panda, Sukant Kishoro Bisoy, Chandrakanta Mahanty, "Impact of Small-buffer networks supporting TCP flows", In: Proceedings of International Conference on Future Trends in Engineering, Management, Science and Technologies (ICFTEMST-19).

[5]. Sasmita Parida, Devpriya Panda, Jyotiprakash Dash, Suvendu Chandan Nayak, "Study of DDAP2 for memory allocation in cloud computing", In: proceedings of IEEE International conference on High Performance Computing and Applications (ICHPCA), 2014, pp. 1-6 (IEEE xplore).

ANY OTHER

Book Chapter

[1]. Chandrakanta Mahanty, Devpriya Panda, and Brojo Kishore Mishra. " A Review of Different Data Mining Techniques Used in Big Data Applications." In Handbook of Research for Big Data Concepts and Techniques, Apple Academic Press, 2021.

[2]. Chandrakanta Mahanty, Devpriya Panda, and Brojo Kishore Mishra. "Use of Machine Learning and a Natural Language Processing Approach for Detecting Phishing Attacks." In Natural Language Processing in Artificial Intelligence, pp. 225-251. Apple Academic Press, 2020.