

Faculty Profile



Name: Dr. SIRISHA POTLURI

Designation: Assistant Professor

Teaching Areas: Computer Programming using C, Data Structures, Core JAVA, Advanced JAVA, OOP through C++, Distributed Operating Systems, Human Computer Interaction, C# and .NET Programming, Computer Graphics, Web Enabled Technology, UNIX Programming, Distributed and Cloud Computing, Python Programming and Software Engineering

Research Interests: Distributed Computing, IoT, Big Data and Analytics, Machine Learning

Education:

- Ph.D. (Cloud computing), KL University, Andhra Pradesh, 2021
- M.Tech (C.S.E), JNTUK, Andhra Pradesh, 2014

Research / Selected Publications:

1. Machine learning approach for cloud data analytics in IoT, Mohanty, S.N., Chatterjee, J.M., Mangla, M., Satpathy, S., Potluri, S., Machine Learning Approach for Cloud Data Analytics in IoT, 2021, pp. 1–497
2. Sirisha Potluri, An Artificial Intelligence-Based Reactive Health Care System for Emotion Detections, Computational Intelligence and Neuroscience, vol. 2022, Article ID 8787023, 6 pages, 2022.
3. Cloud Security: Techniques and Applications, edited by Sirisha Potluri, Katta Subba Rao and Sachi Nandan Mohanty, Berlin, Boston: De Gruyter, 2021, pp. VII-X. <https://doi.org/10.1515/9783110732573-202>
4. Potluri, Sirisha, Subba Rao, Katta and Nandan Mohanty, Sachi. Cloud Security: Techniques and Applications, Berlin, Boston: De Gruyter, 2021. <https://doi.org/10.1515/9783110732573>
5. Sirisha Potluri, An Efficient Scheduling Mechanism for IoT Based Home Automation System, International Journal of Electronic Business, Special Issue on: Knowledge Management and Data Representation in Network Sciences, Volume 16, Issue 2, PP 147–156, 2021.
6. Sirisha Potluri, QoS-driven hybrid task scheduling algorithm in a cloud computing environment, International Journal of Grid and Utility Computing, Special Issue on: Novel Hybrid Artificial Intelligence for Intelligent Cloud Systems, 2021.
7. Sirisha Potluri, Improved quality of service-based cloud service ranking and recommendation model, TELKOMNIKA, Volume 18, No 3, PP 1252-1258, 2020.
8. Sirisha Potluri, Optimization model for QoS based Task Scheduling in Cloud Computing Environment, International Journal of Electrical, Electronics and Computer Systems, Volume 18, No 2, PP 1081-1088, 2020.