

Faculty Profile

Name: Ms. Sirisha Potluri

Designation: Assistant Professor

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

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

Education: Pursuing Ph.D (Area of research- Cloud computing) in KL University, Andhra Pradesh.
M.Tech, (C.S.E) during 2011-2014 from JNTUK, Andhra Pradesh.



Professional Experience (Total: 7.5 years Inclusive of Teaching and Industrial)

1. Currently working as Assistant Professor in IFHE, FST, Hyderabad from May, 2015.

Research/Selected Publications:

1. SirishaPotluri, Quality of Service based Task Scheduling Algorithms in Cloud Computing, International Journal of Electrical and Computer Engineering, Vol. 7, No. 2, April 2017, PP: 1088-1095
2. SirishaPotluri, Efficient Hybrid QoS Driven Task Scheduling Algorithm in Cloud Computing Using a Toolkit: Cloudsim, JARDCS, 12-Special Issue, 2017, PP:1270-1283
3. SirishaPotluri, An IoT based solution for health monitoring using a body-worn sensor enabled device, JARDCS, Volume 10, Issue 9, 2018, PP: 646-651
4. SirishaPotluri, Health record data analysis using wireless wearable technology device, JARDCS, Volume 10, Issue 9, 2018, PP: 696-701
5. SirishaPotluri, A study on technologies in cloud-based design and manufacturing, IJMPERD, Volume 8, Issue 6, 2018, PP: 187-192
6. SirishaPotluri, Pacifiurr: An android chatbot application for human interaction, IJRTE, Volume 7, Issue 5, 2019, PP: 101-104
7. SirishaPotluri, Android based instant messaging application using firebase, IJRTE, Volume 7, Issue 5, 2019, PP: 352-355
8. SirishaPotluri, Software virtualization using containers in google cloud platform, IJITEE, Volume 8, Issue 7, May 2019, PP: 2430-2432
9. SirishaPotluri, Book Shala: An Android-Based Application Design and Implementation of Sharing Books, Smart Intelligent Computing and Applications, Volume 159, May 2019, PP:515- 525
10. SirishaPotluri, Simulation of QoS-Based Task Scheduling Policy for Dependent and Independent Tasks in a Cloud Environment, Smart Intelligent Computing and Applications, Volume 159, May 2019, PP:515- 525
11. SirishaPotluri, Quality of Service-Based Cloud Models in Manufacturing Process Automation, Lecture Notes in Networks and Systems, Volume 32, 2019, PP: 231-240
12. SirishaPotluri, Optimization model for QoS based task scheduling in cloud computing environment, IJEECS, Vol 18, No2, 2020, PP: 1081-1088.
13. SirishaPotluri, IOT Enabled Cloud Based Healthcare System Using Fog Computing: A Case Study, Journal of Critical Reviews ISSN- 2394-5125, Vol 7, Issue 6, 2020, PP: 1068-1072.
14. SirishaPotluri, A Hybrid PSO Based Task Selection and Recommended System for Cloud Data, Test Engineering and Management, Vol-83, March-April 2020 ISSN: 0193-4120 PP: 10210 – 10217.
15. **Patent:** SirishaPotluri, Method Of Load Distribution Balancing for Fog Cloud Computing In IoT Environment, Patent No: 201941044511, Issuing Authority: Intellectual Property India, 29/11/2019.