Faculty Profile

Name: **Mr. RAMESH PONNALA**

Designation: **Assistant Professor**

Teaching Areas: OOP Through Java and C++, Python, Web Technologies, Advanced Java Programming, Computer Programming, Data Science, Machine Learning, NLP

Research Interests: Software Engineering, Machine Learning, Deep Learning

Education:
- Pursuing Ph.D. in Computer Science and Engineering, Osmania University, Hyderabad (Thesis Submitted)
- Master of Technology, JNTU Hyderabad, 2013
- Master of Computer Applications, Kakatiya University, Warangal, 2007
- B.Sc. in Computer Applications, Kakatiya University, Warangal, 2004
- UGC NET, AP SET & SCJP

Research / Selected Publications: Total- 17

1. Ramesh Ponnala and Prof. CRK Reddy (2023), "RESTful Service based Software Defect Prediction using ML Algorithms", Indian Journal of Science and Technology **(WoS)** Sep. 2023, doi:10.17485/IJST/v16i34.1376
2. Ramesh Ponnala, and Dr. CRK Reddy "Ensemble Model for Software Defect Prediction using Method Level Features of Spring Framework Open Source Java Project for E-Commerce", Journal of Data Acquisition and Processing **(Scopus-Q4 Journal),**
3. Ramesh Ponnala, and Dr. CRK Reddy "Object Oriented Dynamic Metrics in Software Development: A Literature Review", International Journal of Applied Engineering Research Dec. 2019

Research / Selected Conferences: Total -02

1. Ramesh Ponnala and Prof. CRK Reddy, "Hybrid Model to Address Class Imbalance Problems in Software Defect Prediction using Advanced Computing Technique", 2023 **IEEE Xplore**, ISBN: 978-1-6654-5630-2, 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC) held during 04-06 May 2023, Salem, India, June 2023, doi: 10.1109/ICAAIC56838.2023.10141379
2. Ramesh Ponnala, V. U. Kumar, A. Mohan, B. S. S. P. Kumar, "Analysis and Issues of Artificial Intelligence Ethics in the Process of Recruitment", 2nd International Conference on Smart Electronics and Communication (ICOSEC), 2021-IEEE Xplore, Conference held during 7-9, October 2021, November 2021

Books Published:
1. Data Structures and Algorithms using C, SIPH International Publishers,2022