

## Faculty Profile



**Name:** Dr. SOWJANYA RAMISETTY

**Designation:** Assistant Professor

**Teaching Areas:** Computer Networks, Artificial Intelligence and Machine Learning, Cybersecurity, Programming Languages, Database Systems, Design and Analysis of Algorithms.

**Research Interests:** Mobile Wireless Sensor Networks, Machine Learning, Deep Learning

### Education:

- Pursuing Post-Doctoral Research in IIIT-Hyderabad from April,2023 onwards
- Ph.D. in Computer Science and Engineering, Lovely Professional University, Punjab, 2023.
- Master of Technology, KL University, Vijayawada, 2011.
- Master of Computer Applications, TJPS College, Acharya Nagarjuna University, Guntur, 2009.
- Bachelor of Science, N.M.Degree College, Acharya Nagarjuna University, Chirala, 2006.

**Research / Selected Publications: Total-03**

**Journals: 03, Conferences:06, Book Chapter:01**

1. **Sowjanya Ramisetty**, Divya Anand, Kavita, Sahil Verma, NZ Jhanjhi, Mehedi Masud and Mohammed Baz ,“ EEUFTC: Energy Efficient Unequal Fault Tolerance Clustering Approach ”, Computer Systems Science and Engineering,2021.(SCI)
2. Ramisetty S., Anand D., Kavita, Verma S., Jhanjhi N.Z. and Humayun M., “ Energy-Efficient Model for Recovery from Multiple Cluster Nodes Failure Using Moth Flame Optimization in Wireless Sensor Networks,” Intelligent Computing and Innovation on Data Science, Lecture Notes in Networks and Systems, vol 248. Springer, Singapore, 2021. (Scopus Indexed)
3. Sowjanya Ramisetty, Divya Anand, Kavita, Sahil Verma and Abdullellah A. Alaboudi, “SC-MCHMP: Score Based Cluster Level Hybrid Multi- Channel MAC Protocol for Wireless Sensor Network”, Information Security Handbook, 1st Edition, CRC Press, Pages-18, 2022. (Scopus Indexed- eBOOK ISBN- 9780367808228).