

## **Prerna (Computer Science)**

### **Specialization**

**M.Tech:** Computer Science and Engineering

### **Area of Interest**

**Research:** Networking

**Technology Development:** Know basics of emerging technologies like cloud computing and machine learning

### **Participated - In Specialized Training / Certified Courses:**

IBM Cloud training, data-structures using Python(NPTEL), Wipro talentnext training in Java, Google Android training, TEQIP trainings(AKTU)-Image Processing and Machine learning. Attended many webinars and training organised by NITTTTR Chandigarh

### **Publication - Books / Chapters / Papers / Articles / Blogs:**

#### **Research papers**

- 1) Energy efficient clustering algorithm for WSN-published in IEEE conference (Signal Processing and Integrated Networks (SPIN), 2015 2nd International Conference)
- 2) A Location Dependent Key Management Method for WSN With Reduced Path Length And Considering Cell Head- published in International Journal in 2018(IJCSE)
- 3) DISTANCE BASED FAULT DETECTION FOR WIRELESS SENSOR NETWORK BASED ON WEIGHTED AVERAGE VALUE - published in International Journal