**DEVELOPING A RESERACH QUESTION**

**1.DEFINE THE TOPIC AREA:**

Modern malwares propagating via networks are very stronger and not captured by present antivirus or anti-malware systems. Hence analysis of the network traffic is far important and needed as per this security compliance.

**2.DESCRIBE THE PROBLEM:**

It is very important that the security mechanisms of a system are designed so as to prevent unauthorized access to system resources and data. We try to detect the intrusion attempts so that action may be taken to repair the damage later.

**3.SPECIFY THE GAP AND JUSTIFY THE INVESTIGATION:**

Proposed method is compared with earlier methods and validated with security metrics like accuracy and complexity. Also, the proposed system would pave the pathway for the researchers who are focusing more towards the online DL system add automation.

**4.CREATE THE RESEARCH QUESTION:**

1) What are the various wireless intrusion detection system that analysis the performance and detection rate available?

2) What are the algorithms to analyze the performance and security aspects of the anomaly based networks available?

3) What system is used to identify the anomalous attacking ?

4) How the system can be prevented by the defined rule?

**5.DRAFT A PRIMARY QUESTION:**

What are the various wireless intrusion detection system that analysis the performance and detection rate available?

**6.DRAFT SECONDARY RESEARCH QUESTIONS:**

1) Can NSL -KDD dataset be used?

2) Can the native bayes classifier, correlation based and random tree algorithm be used?