**CONCLUSIONS**

**The proposed framework, detects the spam parameters of IoT devices using machine learning models. The IoT dataset used for experiments, is pre processed by using feature engineering procedure. By experimenting the framework with machine learning models, each IoT appliance is awarded with a spam score. This refines the conditions to be taken for successful working of IoT devices in a smart home. In future, we are planning to consider the climatic and surrounding features of IoT device to make them more secure and trustworthy.**