

Announces the Ph.D. Dissertation Defense of

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for the degree of Doctor of Philosophy (Ph.D.)

"MULTICLASS CLASSIFICATION TECHNIQUE TO DETECT IOT ATTACKS IN REPIME"

September12,2024,10:30a.m.to 12:00p.m. Engineering East building oom #05 777 Glades Road Boca Raton, FL

DEPARTMENT:

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ABSTRACT OF DISSERTATION

Dissertation Title

MULTICLASS CLASSIFICATION TECHNIQUE TO DETECT IOT

ATTACKS IN REPAME

Internet of Things (IoT) has undergone remarkable expansion in reveants, leading to a proliferation of devices capable of connecting to the internet, collecting data, and sharing information. However, this rapid growth has also introduced of security challenges, resulting in an uptick in cyber have been actively

ent of robust Intrusion Detection Sys(**#D'S**) utilizing various machine learning (ML) techniques. This dissertation by e w of three distinct approaches toward IoT intrusion detection,

proach, a STM)