

# **A Systematic Approach Toward Description and Classification of Cybercrime Incidents**

## **ABSTRACT**

It offers a comprehensive understanding of cybercrime incidents and their corresponding offences combining a series of approaches reported in relevant literature.

## **EXISTING SYSTEM**

The existing paper reviews and identifies the features of cybercrime incidents, their respective elements and proposes a combinatorial incident description schema. The schema provides the opportunity to systematically combine various elements—or cybercrime characteristics. Additionally, a comprehensive list of cybercrime-related offences is put forward. The offences are ordered in a two-level classification system based on specific criteria to assist in better classification and correlation of their respective incidents. This enables a thorough understanding of the repeating and underlying criminal activities.

## **DRAWBACKS**

- It causes serious threat to the global economy, safety.
- A serious threat to the operations of businesses, organizations and national economies.

## **PROPOSED SYSTEM**

The proposed system can serve as a common reference overcoming obstacles deriving from misconceptions for cybercrimes with cross-border activities. The proposed schema can be extended with a list of recommended actions, corresponding measures and effective policies that match with the offence type and subsequently with a particular incident. This matching will enable better monitoring, handling and moderate cybercrime incident occurrences. The ultimate objective is to incorporate the schema-based description of cybercrime elements to a complete incident management system with standard operating procedures and protocols.

## ADVANTAGES

- It overtakes obstacles deriving from misconceptions for cybercrimes with cross-border activities.
- It will enable better monitoring, handling and moderate cyber crime incident occurrences.

## SYSTEM REQUIREMENTS

### H/W System Configuration:-

- Processor - Pentium –IV
- RAM - 4 GB (min)
- Hard Disk - 20 GB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVGA

### S/W System Configuration:-

- Operating System : Linux
- Application Server : Tomcat5.0/6.X
- Backend coding : Java
- Tool : Virtual Box
- Environment : Ubuntu
- Technology : Hadoop