# RAJIV GANDHI COLLEGE OF ENGINEERING & RESEARCH, NAGPUR



## DEPARTMENT OF INFORMATION TECHNOLOGY

"Undetectable Keylogger using Python for Commercial Monitoring"

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**Abstract:** This project aims Monitoring using Undetectable Keylogger using Python. User data monitoring is big problem for the large-scale organizations, IT companies, schools and Colleges. Monitoring of a system or intervention involves the collection of routine data that measures progress toward achieving program objectives. It is used to track changes in program outputs and performance over time. It provides regular feedback and early indications of progress (or lack of progress)

#### **Introduction:**

The term 'keylogger' itself is neutral, and the word describes the program's function. It define a keylogger as a software program designed to secretly monitor and log all keystrokes.

A keylogger is an insidious form of spyware. You enter sensitive data onto your keyboard, believing nobody is watching. In fact, keylogging software is hard at work logging everything that you type.

Keylogging is not illegal. They do have legitimate, useful applications. Keylogging goes south and becomes a threat if there is malicious intent. Simply put, if you install a keylogger on a device you own, it is legal. If a keylogger is installed behind the back of the actual owner to steal data, it is illegal.

# Applications of keylogging-

- Parental control: parents can track what their children do on the Internet, and can opt to be notified if there are any attempts to access websites containing adult or otherwise inappropriate content;
- Jealous spouses or partners can use a keylogger to track the actions of their better half on the Internet if they suspect them of "virtual cheating";
- Company security: tracking the use of computers for non-work-related purposes, or the use of workstations after hours;
- Company security: using keyloggers to track the input of key words and phrases associated with commercial information which could damage the company (materially or otherwise) if disclosed;
- Other security (e.g. law enforcement): using keylogger records to analyze and track incidents linked to the use of personal computers;

#### **Conclusion-**

Keyloggers or keystroke loggers are software programs or hardware devices that track the activities (keys pressed) of a keyboard. Keyloggers are a form of spyware where users are unaware their actions are being tracked. Keyloggers can be used for a variety of purposes; hackers may use them to maliciously gain access to your private information, while employers might use them to monitor employee activities. Some keyloggers can also capture your screen at random intervals; these are known as screen recorders. Keylogger software typically stores your keystrokes in a small file, which is either accessed later or automatically emailed to the person monitoring your actions.

In this project we successfully Collected the organized keystrokes with typed by a user alog with the time stamp.

## **Anti-Keylogging**

Let's take a closer look at the methods that can be used to protect against unknown keyloggers or a keylogger designed to target a specific system.

Since the chief purpose of keyloggers is to get confidential data (bank card numbers, passwords, etc.), the most logical ways to protect against unknown keyloggers are as follows:

- 1. using one-time passwords or two-step authentication,
- 2. using a system with proactive protection designed to detect keylogging software,
- 3. using a virtual keyboard.
- 4. Use Key Encryption Software
- 5. Avoid Downloading Crack Software

### **Implementation:**

Frist Paste the keyloggers program files to the users system. (keep it at C drive so that user cant find it directly.)

So, as above side mention After pasting the script shortcut to startup folder, the script starts the program on the startup of the system.

Whenever we want to check the log just open the text file in keyloggers program files

m keylogger - Notepad	-	×
File Edit Format View Help		
name		
in		
TimeStamp2021-05-07 15:02:52:		
Intestamp2021-03-07 13:02:32:		
mark line		
the sessi	ions	
Timestamp2021-05-08 15:26:43: Timestamp		
Hello		
vorld.This		
s Log		
our -		
dini		
our -		

#### **References:**

**CEH Modules** 

• CEH module 5

https://www.kaspersky.co.in

https://docs.python.org/3/library/

https://commandwindows.com

# **Program Outcome (PO's)**

a	b	c	d	e	f	g	h	i	j	k	1		
Name & Sign of Student							N	Name & Sign of Guide					
Mr.													
Miss.													
							Prof.	Prof. Komal Ramteke					