1. **Project description –**

In this busy and fast life of day to day the whole world is surrounded and accommodates around the small device which called as mobile and all electronic gadgets which help to solve and resolve our daily and complex problems and to make our life sustainable. As our dependency is getting day by day on our devices which hold more crucial part and information of our personal life and professional life. Which can be easily manipulate and used by other third-party apps or malware etc. there are many types of cyber attacks are carried out in past several years such as Malware attack, Phishing, Ransomwares etc by manipulating our general devices they can easily target our day-to-day life and can misguide and mislead our information and life which can cause measure issue to our life, business, etc According to statistics-

1. In 2022, there were 5.4 billion malware attacks globally.
2. 4 in 10 malware attacks result in confidential data leakage.
3. Over 70% of malware attacks go after a specific target.
4. Threat actors carry out an average of 11.5 attacks per minute, according to Parachute.
5. Cloud environment intrusions increased by 75% over the past year.8
6. Cloud-conscious cases increased by 110% over the past year.8
7. There has been a 76% increase in victims named on eCrime leak sites.8
8. Malware-free activity (like phishing, social engineering, using trusted relationships, and other means) made up 75% of detected identity attacks in 2023.8This is up from 62% in 2021, and 40% in 2019.

The aim of my research project is to discus the threats and pattern. This research project will discuss various cyber-attacks and their corresponding countermeasures. It aims to provide insights on how organisations can better protect themselves from cyber threats.

1. **Project summary –**

These research project define to provide the analysis, information and statistics of cyber-attacks we will carry out the analysis of the pattern, the way of attacks, enlist the counter measure which can be taken for preventing the attacks and what types of cyber attacks and crime are carried out in day to day life.

1. **Scope of project-**

The scope of my research project is to provide information and share my knowledge by discussing the problem and providing the general information to this new era of human dependency on gadgets

* To discuss detail analysis of cyber crime
* To discuss the root cause of cyber crime
* To discuss the counter measure about it
* The pattern of cybercrime with help of famous cases
* To discuss a statistical data
* To enlist the type of attacks and their definitions.

1. Reference’s –
   1. Alansari, M. M., Aljazzaf, Z. M., & Sarfraz, M. (2019). On Cyber Crimes and Cyber Security. In M. Sarfraz (Ed.), Developments in Information Security and Cybernetic Wars, pp. 1-41. IGI *Global, Hershey*, PA, USA. doi:10.4018/978-1-5225-8304-2.ch001.
   2. Article by national university on cyber crime and statistic’s
   3. Article by upgrade