

Earth Science field trip to N. Lhohi



Earth Science studies are critically important to modern society. An understanding of the rocks and minerals that make up the solid Earth, and how these materials interact with the atmosphere, the world water supply, and living organisms provides the foundation for all natural and environmental sciences.

Our Bachelor of Marine Science students visited N.Lhohi, which has roughly a population of 900 people with a total land mass of 0.45kmsq. Our students observed the island features natural and man-made which support the life on land and water around the island. Students also conducted some investigations of rates of sedimentation around island in the lagoonal areas. They also studied the sediment samples and appraised the importance of having a steady sediment budget for continued growth of our islands, while also critically evaluating any cons of excessive sedimentation around islands such as those that might have implications on the coral reefs and various other marine life. The students also studied how the island looked in the past, the shape of the coastline and natural features on the landscape such as the tree cover and attempted to quantify morphological changes occurred in the near history.

This field visit was an enlightening experience to our students, and we take this opportunity to thank the island council for their valued support provided to our students during the visit.



Some Risks and dangers of using ATM machines

Today our financial lives have moved Online. More and more people are using banks and ATM machines. A large number of people are using these machines to take cash from their bank accounts. Today criminals have mastered the art of exploiting the vulnerabilities in these machines with frightening ease. Several cases of ATM fraud have been reported. In this article we will explore some of the ways criminals use to steal money from ATM machines.

Skimming

One of the most common way criminals use to steal money from ATM is by skimming. In skimming a counterfeit reader is fitted into the ATM machine that reads and stores all the information on the magnetic strip on the card. This information is given to the hacker and the hacker will use this information to steal money from the victims account.



Attaching a counterfeit reader in an ATM

The most frequently used method of skimming is by placing a reader in the inside reader of the card. Before inserting a card into an ATM machine check the PIN keyboard and card insert slot. When a skimmer is inserted into the ATM the machine will look slightly different.



A skimmer inserted into an ATM machine

Fake keyboard

Skimming is not the only way criminals steal money from your ATM cards. Fake keypads is another tool used to record PIN inputs. Criminals install fake keypad over on the actual keypad to steal the PIN number. Capturing people's PINs through a false keypad is known as a 'pin-pad overlay'. Several cases of pin-pad overlay has been reported in the world.



.A false keyboard attached to an ATM

Hidden Cameras

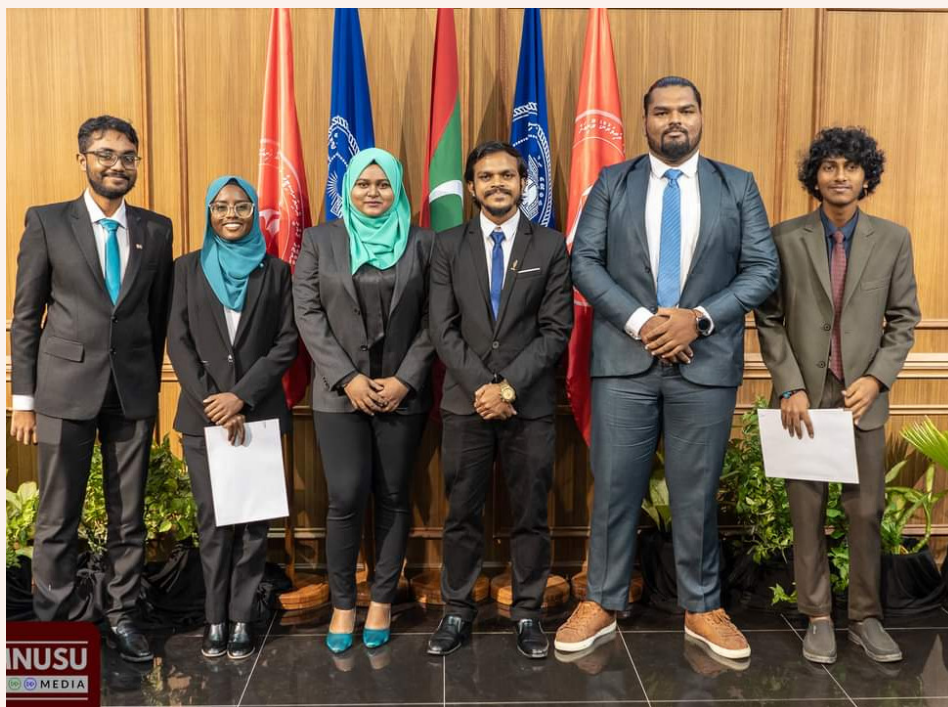
The most common way criminals use to steal money from ATM is by using a hidden camera near the ATM machines. These cameras are strategically fitted in a way that can capture the PIN information. These cameras are small and will be fitted near the keypad. These cameras are hard to identify.



Hidden camera attached to an ATM

In this article we have shown some ways hackers steal money from ATM. ATM's are also not safe. The user must be careful. When using an ATM if you notice that your card is loose or the keypad feels wobbly don't use the machine. If there is another machine close by compare the two. If one looks considerably different from the other two it is a clear sign the machine is tampered with.

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