	# Abu Dhabi Polytechnic
	Students' Graduation Project Abstract

Department:	ISET	**Semester:**	Spring-2022
Project Title:	**Comparative Analysis of USB and Network based Pass-word cracking tools**		
Supervisor:	Dr. Deepa Pavithran		

Abstract:

Passwords play a major role in securing various applications. It is used for authentication in Operating system login, web services, ATM machines and many more. Even though we educate the end users to choose a complex password, there are several attacks that can break through such password. With passwords also being a very attractive asset for the attackers to have their hands on, the methods of attacks are many. In this paper, we provide a comparative analysis of USB based and Network based attacks on passwords. We provide detailed description and comparison of various network based and USB based password cracking tools. For the comparison, we benchmarked the passwords into Easy password, Hard password and Medium Password. We then measured the time required to crack these password using various tools.