



Educating Netiquettes, Skill, Moral and Awareness Developments of Myanmar

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Dr. Mie Mie Su Thwin

Professor

Head of Cyber Security Research Lab

University of Computer Studies, Yangon

drmiemiesuthwin@ucsy.edu.mm

Netiquettes

Internet Ethics and Etiquette

It seems to come up with a **code of conduct and disclosure obligation** for those who communicate on the Internet.

The **rules of etiquette** are just as **important in cyberspace** as they are in the real world -- and the evidence of **poor netiquette** can stick around to haunt you for much longer.

Dos

- Respect other people's privacy
- Verify facts before reposting
- Check messages and respond promptly

Don'ts

- Name-call or express offensive opinions
- Post private or embarrassing images or comments
- Exclude people or talk behind their backs

Concerns

Privacy

**Anonymity
vs.
Identifiability**

Consent

**Harm and
Human
Subjects**

**Honesty and
Research
Integrity**

Internet Issues



Ethical

Cultural

Environmental

Legal

Internet Issues

Facebook burn

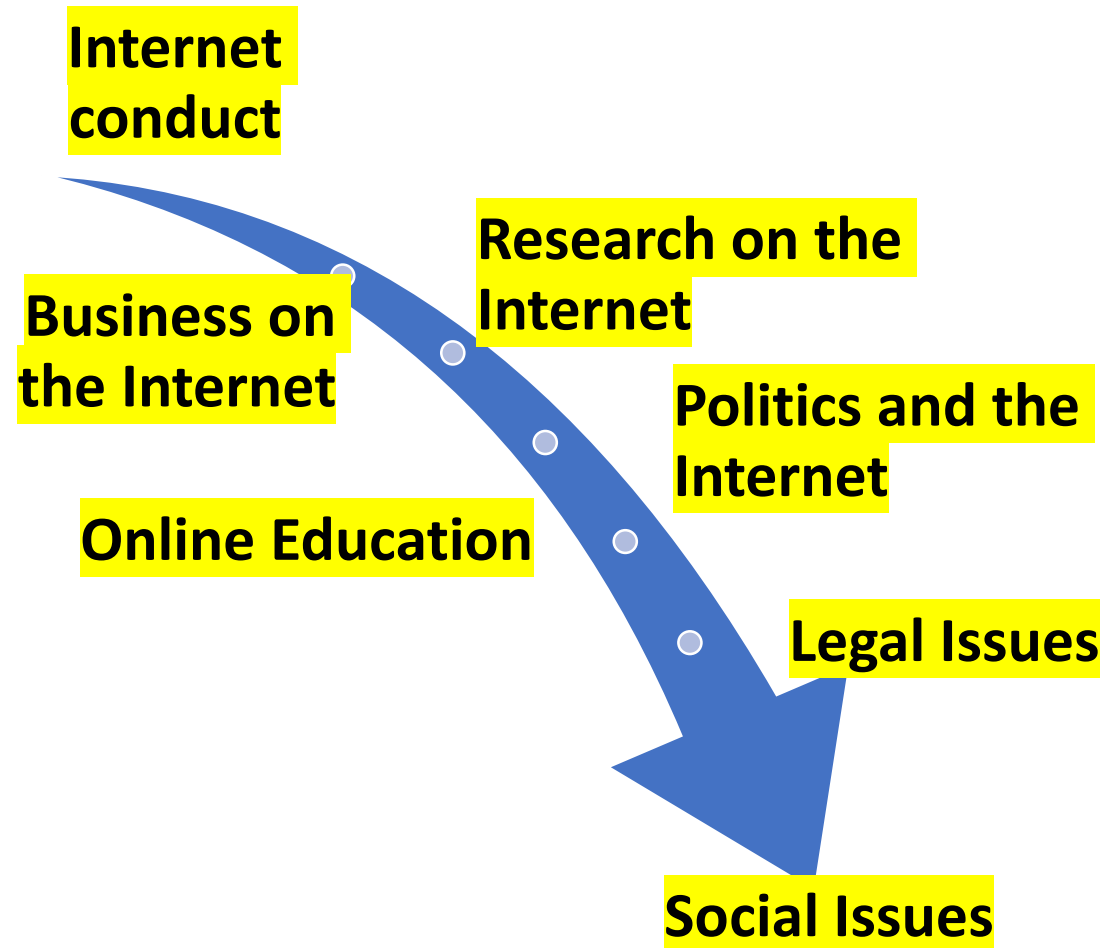
Copy right

Misuse of context #tab

Lie and mis-guided information

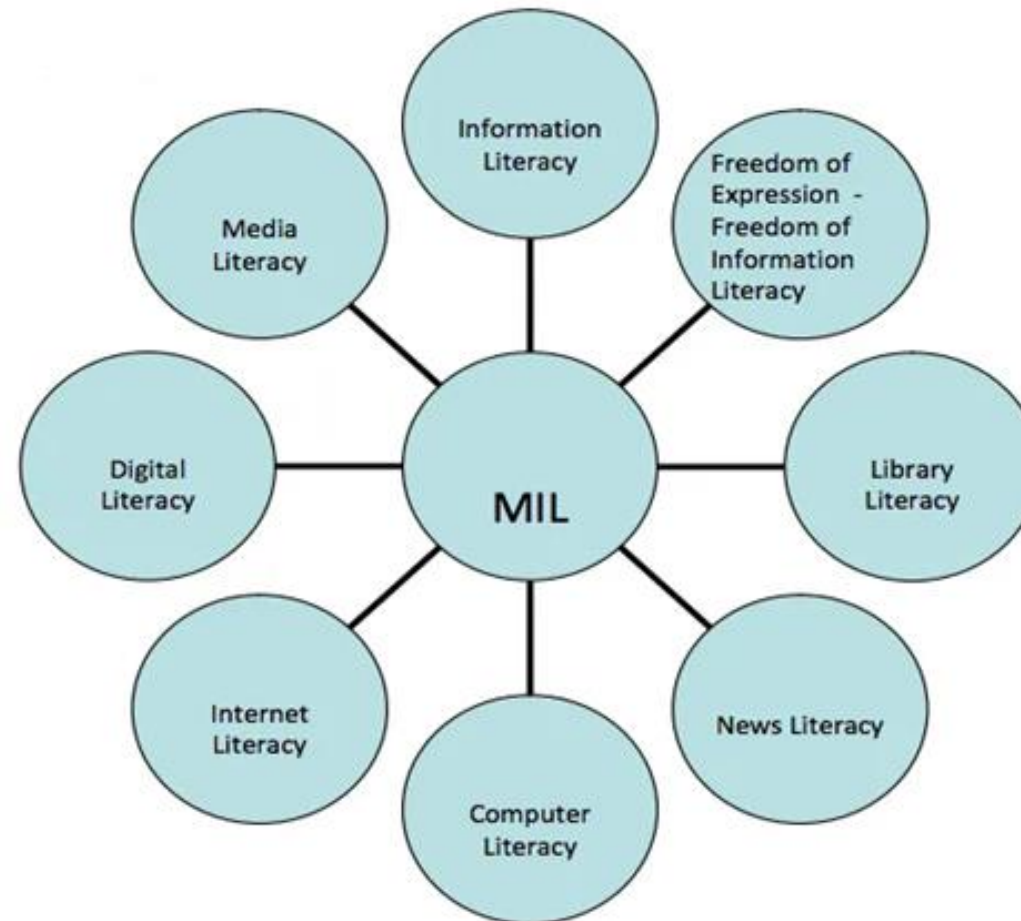
Cyber Stalking

Issues on Internet Ethics



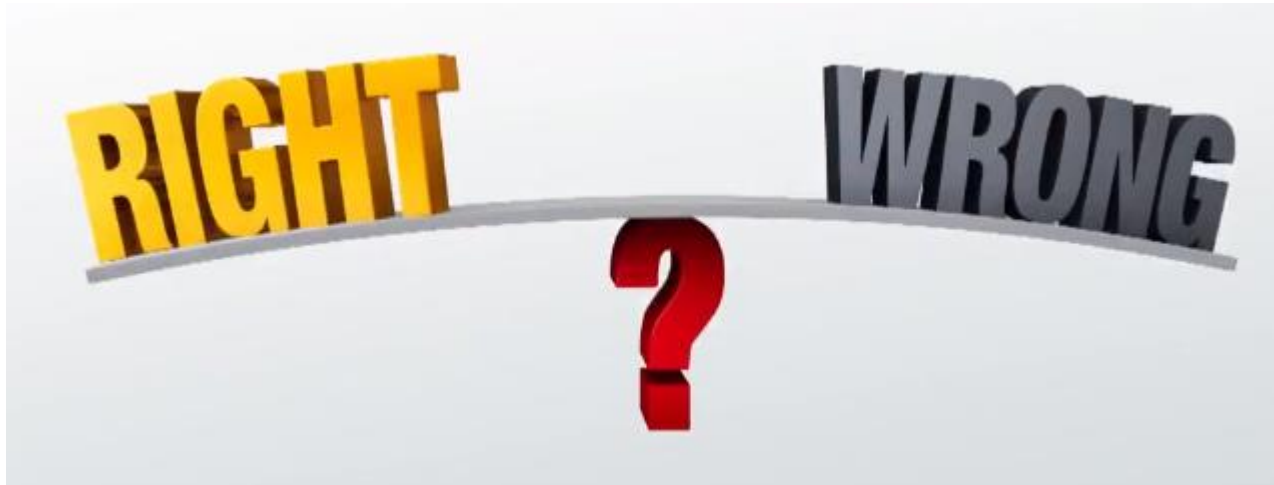
Media and Information Literacy [MIL]

The ability to recognize when information is needed and to **locate, evaluate, effectively use** and **communicate** information in its various formats



SKILL and Moral Development

The way we distinguish right from wrong as we grow and mature



Educating Netiquettes, Skills and Awareness

Middle Schools
and High Schools
Students

- **New Course Curriculums of MIL**, Media and Internet Literacy
- Awareness Seminars, Workshops, Forums

Undergraduate
Students

- **Digital Citizenship and Smart Living Society**
- Awareness Seminars, Workshops, Forums, Trainings

Graduate
Students

- **Cyber Ethics, Ethical Hacking**
- Awareness Seminars, Workshops, Forums, Trainings and Conferences

Public

- **Public Awareness Seminars, Workshops, Forums**

Cyber Security Research Lab's Awareness **Activities,** **Skill Development Projects & Collaborations**

Knowledge Sharing Seminars and Trainings

Master Course Work Projects

- *1st Year CSF Course Work Projects*
- *2nd Year CSF Course Work Projects*

Master Thesis Projects

Ph.D Course Work Projects

- *10th Batch Ph.D Students*
- *11th Batch Ph.D Students*
- *12th Batch Ph.D Students*
- *13th Batch Ph.D Students*

Ph.D Thesis Projects

National & International Collaborations

Capacity Building, Skill Development

Course Curriculums

Digital Citizenship and Smart Living Society for First Year, UCSY Students

Course Description: An examination of critical elements of digital citizenship, an exploration of copyright, fair use, and intellectual property. Throughout this course student will engage in discussions and assignments that will require to think about how to use online technologies in safe, ethical, and effective ways for themselves.

Objectives

To develop **foundational knowledge** of the history, purposes of and current state of digital citizenship

To Introduce reliable, research-based information to students about **digital media and their impact**

To Offer a comprehensive yet balanced approach in addressing safety and security **concerns, including ethics and behavior issues**, as well as digital literacy skills

To provide **student-centered, media-rich** lesson materials that emphasize skill building, critical thinking, ethical discussion, and decision making to students of all ages

To address **the whole community** by providing materials to educate parents and families about digital citizenship

Learning Outcomes

After completion of the course, the students can be able to:

- Understand privacy and security concept
- Advocate and practice safe, legal, and responsible use of information and technology
- Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity
- Demonstrate personal responsibility for lifelong learning
- Understand digital ethic such as plagiarism, copyrights, fair use and public domain
- Exhibit leadership for digital citizenship
- Equip them with the knowledge and skills to bring digital citizenship into their classrooms in meaningful ways
- think critically, behave safely, and participate responsibly in our digital world³

Awareness Activities







Technical Seminars

There will be a **Technical Seminar** on 4th August 2017

All interested persons are cordially invited!

Crowdsourcing Cyber Security

Presenter: **Toe Khaing Oo**

Time : 1:00 PM

Place : **Cyber Security Research Lab**
University of Computer Studies, Yangon. Building D

There will be a **Technical Seminar** on 18th August 2017

All interested persons are cordially invited!

Big Data Analytics for Security

Presenter: **Dr. Mie Mie Su Thwin**

Time : 1:00 PM

Place : **Cyber Security Research Lab**
University of Computer Studies, Yangon. Building D

Technical Seminars

There will be a **Technical Seminar** on 11th August 2017

All interested persons are cordially invited!

Exploit Development Fundamentals

Presenter: **Aung Kyaw Phyo**

Time : 1:00 PM

Place : **Cyber Security Research Lab**

University of Computer Studies, Yangon. Building D

There will a Technical Seminar on 21st November 2017.

All interested persons are cordially invited.

Title: **“Network and Internet Forensics”**

Presenter: **Dr. Mie Mie Su Thwin**

Date: **21st November 2017**

Time: **10 a.m. to 12 a.m.**

Place: **Cyber Security Research Lab, UCSY
University of Computer Studies, Yangon, Building D.**

Technical Seminars

Cyber Security Research Lab

University of Computer Studies, Yangon

1 Day Technical Workshop Invitation

All Interested Persons are cordially invited.

Title: “Web Application Security Penetration Testing”

Date: 20th October 2017

Time: 10 a.m. to 3 p.m.

Place: Cyber Security Research Lab, UCSY
University of Computer Studies, Yangon. Building D

**HAVE A GLANCE AT
QUANTUM CRYPTOGRAPHY**



Dr. Mie Mie Su Thwin

Professor

Head of Cyber Security Research Lab

University of Computer Studies, Yangon

Incident Handling Training



Supportive Training to 2nd Batch CSF Students



CEH Training



CEH Training



Master Course Work Projects

1st Batch CSF Course Work Projects



University of Computer Studies, Yangon
CSF Project Presentations Invitation



All interested persons are cordially invited.

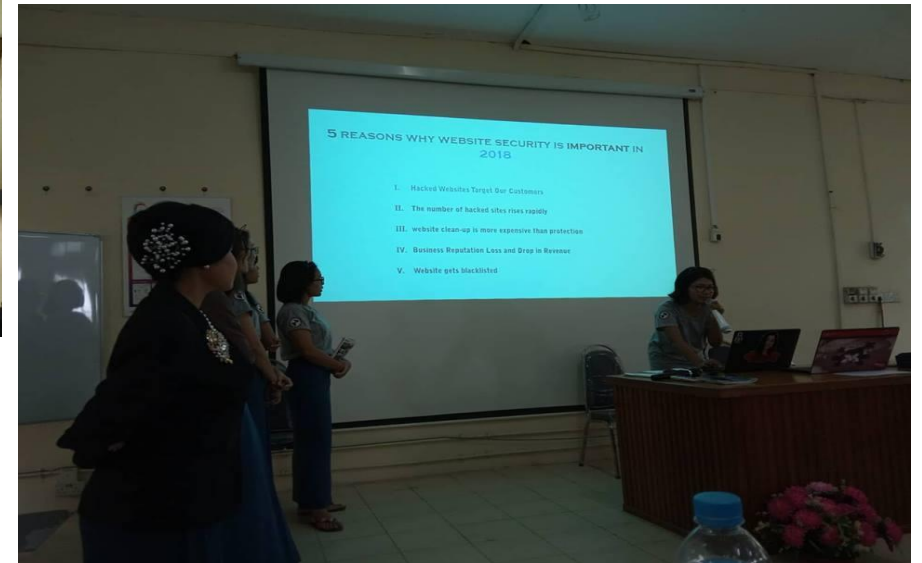
Date : 30th August 2018

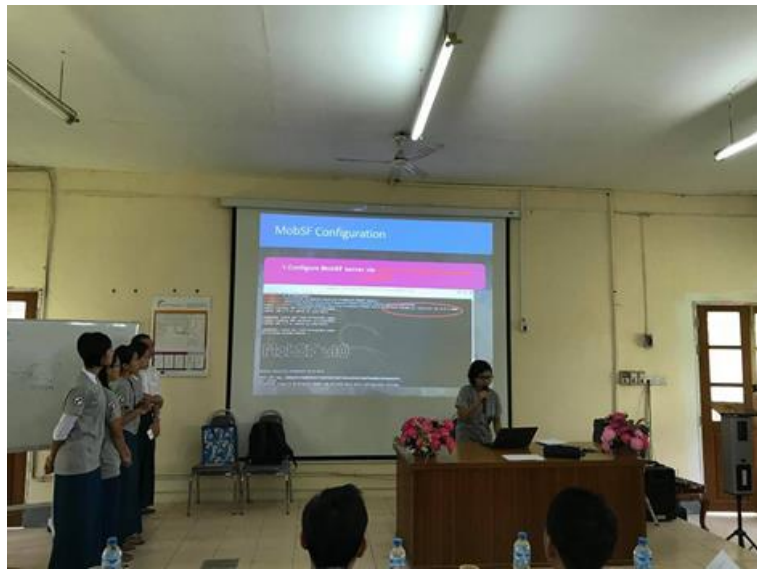
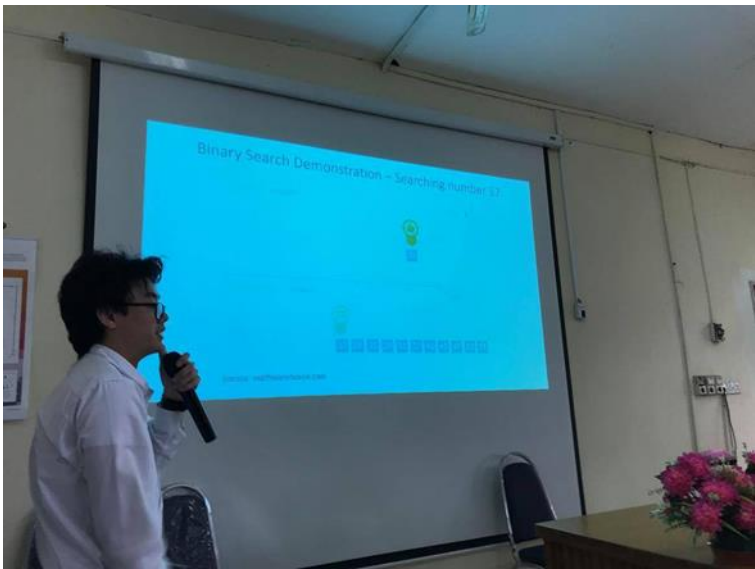
Time: 9:00 to 15:30

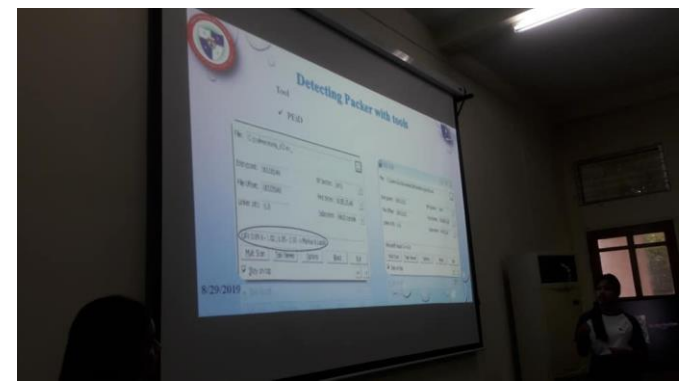
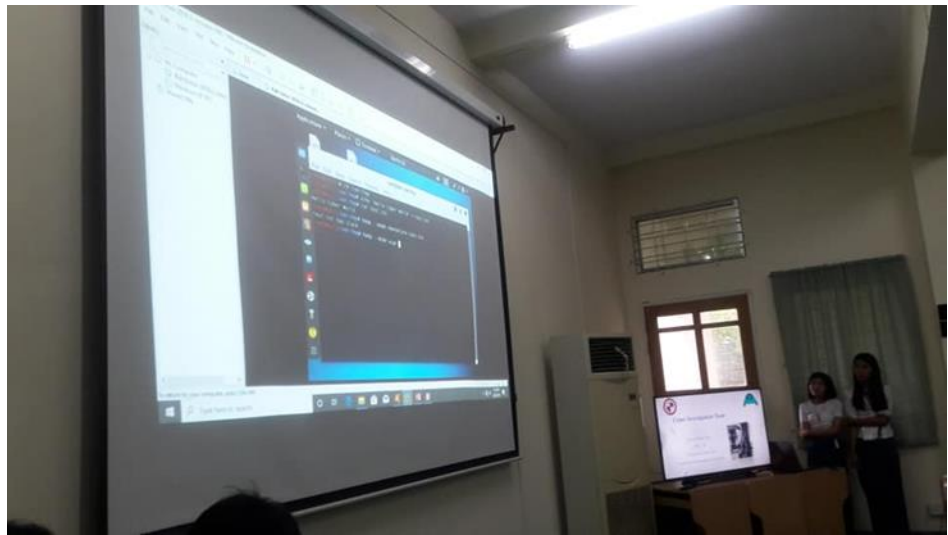
Place: Cyber Security Research Lab, UCSY, Building D.

Titles: "Android Malware Forensics", "Social Media Forensics", "PHP Sanitizer to Prevent Interpreter Injection", "Network Forensics", "Browser Forensics", "Android Forensics", "SQL Injection(SQLi) Attack Prevention System", "Cross-Site Scripting (XSS) Attack and its Countermeasures".











Master Course Work Projects

2nd Batch CSF Course Work Projects

Group1: **Malware Analysis**

Group Name- Vision

Group 2: **Digital Forensics**

Group Name - Crime Investigation

Group-3: **Penetration Testing**

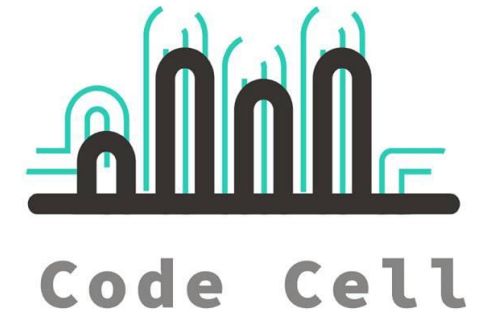
Group Name - WhiTe SPY

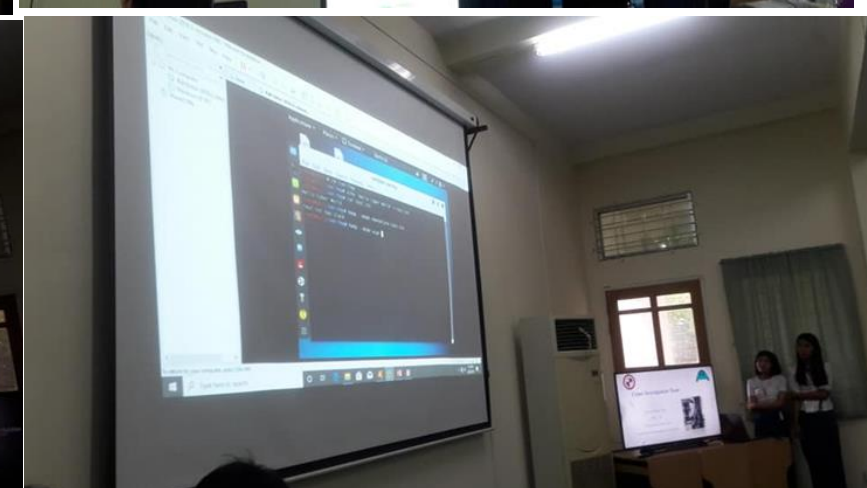
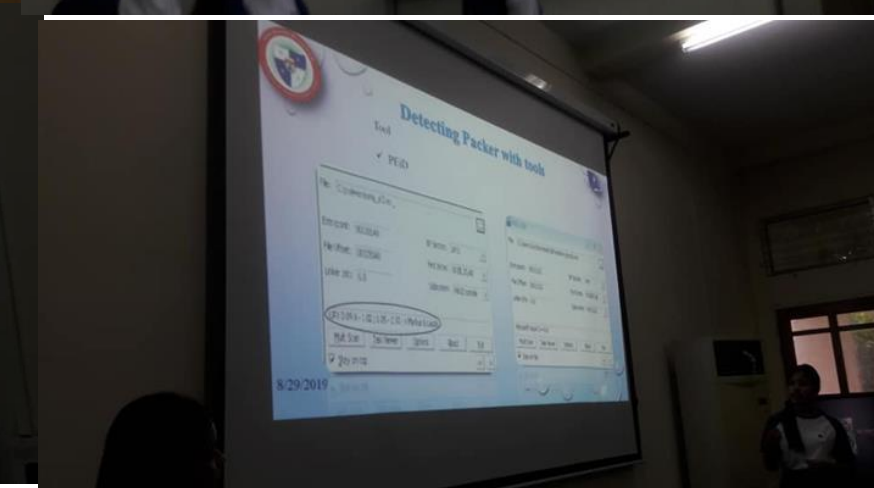
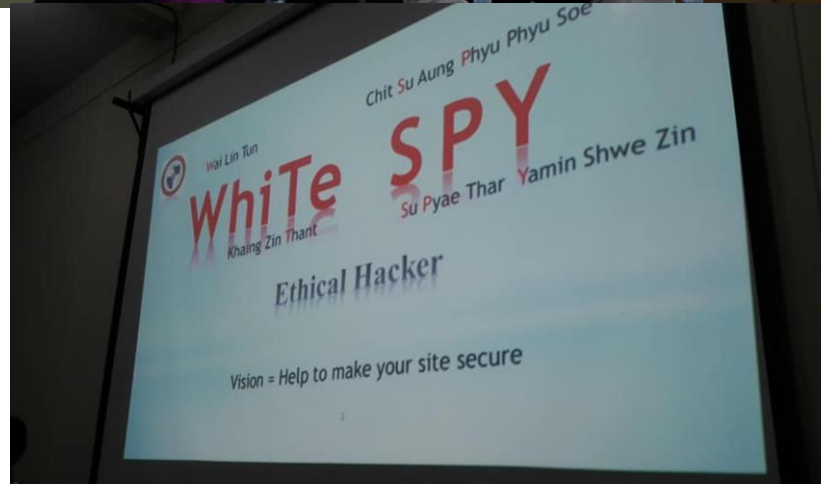
Group-4 : **Secure Coding**

Group Name-Code Cell

Group 5 : **Incident Handling**

Group Name-Union CERT)





Master Thesis Projects



IOT IDS System using Neural Network

API Vulnerability Testing System ANN

Secured Effective Framework on Cyber Security Challenges

Penetration Testing Metrics

Secure Message Passing System

Ph.D Research Projects



Secure Framework for e-Government Application using Short-Lived Certificate and Hybrid Encryption

Android forensics for cybercrime investigation in Myanmar

Computer Forensics for Cyber Crime Investigation in Myanmar

Malware Behavior Analysis

Database Forensics for Investigation in Myanmar



COMPUTER AND CYBER FORENSICS INVESTIGATION IN MYANMAR

Supervised by : Dr. Mie Mie Su Thwin

Presented by : Tin Maung Maung



Effective Malicious Features Extraction and Classification for Incident Handling Systems

Cho Cho San



Ph.D Course Work Projects 10th Batch Ph.D Students



University of Computer Studies, Yangon

Any Interested Person is cordially invited to attend
Our Ph.D Tenth Batch Course Work Students' Cyber Security Subject
Project Presentations.

Morning Session - 09:30 am to 12:00 nm
Afternoon Session - 12:50 pm to 03:30 pm
On Thursday 3rd, 2016 at Ph.D Lab 11, UCSY



Ph.D (Tenth Batch) 2016 Project Presentation (3.3.2016)

University of Computer Studies, Yangon

Group No.	Group Name	Title
1.	XTREME	Malware Analysis
2.	WAVE	Web Application Security
3.	CRYSTAL	Cyber Crime Forensics
4.	SAFEDROID	Mobile Security

Evaluation Scheme

No	Group Name	English Proficiency (10)	Presentation Skill (10)	Team Work (10)	Technical Skill (10)	Performance (10)	Innovation (10)	Documentation (10)	Effort (10)	Practical (10)	Contribution (10)	Total (100)
1.	XTREME											
2.	WAVE											
3.	CRYSTAL											
4.	SAFEDROID											

Name: _____

Job Title: _____

Position: _____

Signature: _____

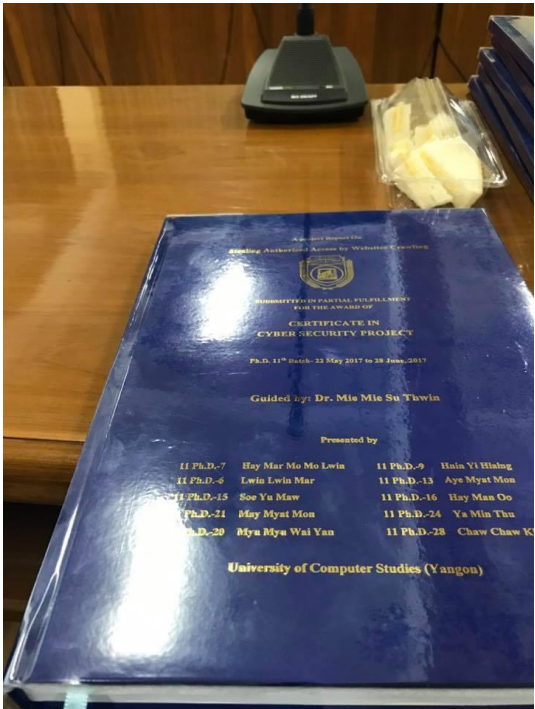


Ph.D Course Work Projects

11th Batch Ph.D Students











Ph.D Course Work Projects

13th Batch Ph.D Students



1. Multimedia Forensics

2. Social Media and Android Forensics

3. IOT Forensics

4. Network Forensics

5. Web Forensics



Collaborations



Collaborations



Study Tour



Study Tour to Security Operation Center of Banks



University Collaboration Australia Monash Criminological Students Visit





*Thank
you*