



# SITE UPDATE UNIVERSITY OF COMPUTER STUDIES, YANGON

by NWE NI

## 1. Academic Calendar

The academic calendar of UCSY consists of two semesters. Each semester normally includes 12 weeks of instructions and 2 weeks of examinations. The table below shows the structure of the two main semesters in 2013-2014 academic year. Similarly two semesters will be for 2014-2015 academic year.

### Academic Calendar 2013-2014

First Semester	From December To April
Second Semester	From May To September

## 2. Committee Members

### 2.1 - Steering committee



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### 2.2 - Academic committee



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## 2.3 - Operation committee

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### 3. Distance Learning Environment Update

The following pictures depict the distance learning environment update at UCSY (Hlawgar Campus), Shwe Pyi Thar Township, Yangon.



**Satellite Dish Setup Environment**



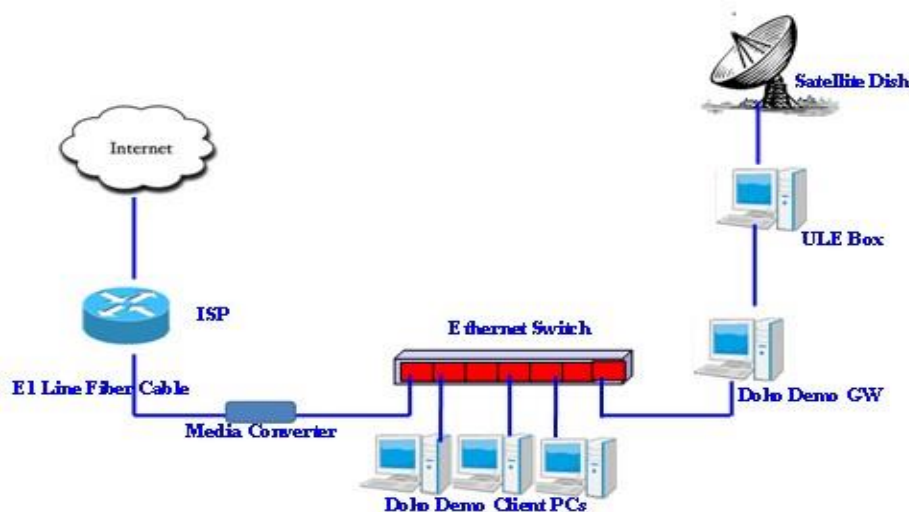
**Class Environment**

#### 4. Technical Update

SOI Network has been set up in new campus, Shwe Pyi Thar Township in June 2011. ULE box was upgraded with new version in September 2011 as BER rate is so varied. We don't have any issue with signal lock after changing new bandwidth for AI3 UDL. Although we don't have any issue with signal lock, we have some problems connecting with VIC (Video) and RAT (Audio) and viewing the SOI Asia VLC streaming sometimes.

#### 5. Network Update

Internet connection with 12Mbps bandwidth is used for UCSY SOI Asia e-learning Network.



**The Network Structure of SOI Network at UCSY**

#### 6. National Research and Education Network (NREN) update

Myanmar Government is developing the National REN (NREN) including the research and education universities such as University of Computer Studies, Yangon, the other Computer Universities, the Technological Universities, Institute of Medicines, University of Education. UCSY is trying to join to the **TEIN4** network to support researches and development in Myanmar and to enhance international cooperation. Myanmar submitted the proposal on the middle of June, 2013, and it is still going on.

#### 7. Your organization's role in NREN

We have already hosted TEIN3 Workshop on 23<sup>th</sup> May 2012.

A TEIN4 workshop organized by the University of Computer Studies, Yangon, Myanmar and TEIN\*CC under the aegis of the Ministry of Science and Technology, Myanmar and the European Commission have already hosted on October 30<sup>th</sup>-31<sup>st</sup>, 2013 at Nay Pyi Taw.

The workshop was mainly focused on establishing a Myanmar NERN and Connecting to TEIN Network.

## **8. Lecture attending situation**

Graduate and under graduate students studying at UCSY can join SOI Live Lectures after setting up SOI Asia Network at UCSY, Shwe Pyi Thar Township. Moreover, teaching staff can also join the lecture. The number of participants attending the lectures depends on their preference. In addition, Basic Education High School and Middle School Students from different Schools within Yangon Division can also be participated in the SOI online environment.

The more preferable lectures are IT related fields especially in Embedded System, RFID Technology, Mobile Computing, Networking Technology, IPv6 Technology, Data Center Deployment, Wireless Technology, Wireless Security, Open Source, Project Management, Virtualization, and Cloud Computing.

### **In 2013, UCSY participated in Business Plan Contest at SOI 2013, Building future from Asia event**

In this contest 4 students from UCSY are participated with Asia top universities, University of Chulalongkorn, Thailand, University Siantis Malaysia, Keio University, Japan, Hanoi University of Technology and Science and University of Brawijaya also joined the contest.

Although the prize was not awarded, the participants of the business plan contest of UCSY had a chance to study e-learning in Japan and had a great benefit and knowledge about IT fields sprouting in Japan.

## **9. Ideas: how to make student more active to join the class?**

- UCSY site students prefer IT related lectures like computer networking, database management system, security, digital signal processing, image processing, Virtualization, Cloud Computing, etc.
- Doing assignments in individual or groups, presentation of their efforts and discussion with lecturers like Q&A sessions attain students more active.
- Most of the students enjoy in working practical assignments and it makes students perfect understanding with related lecture.
- Outstanding students are honored with an award for their work hard and success.

## **10. Research and Development in Network, including applications**

### 10.1- Online Teaching and Learning

24 Computer Universities over Myanmar are connected with *ipStar* connection. Streaming server is hosted at MOST connected via E1 connection from Myanma Teleport ISP for transmitting the lecture. Streaming media player is used to receive the lecture. Lectures are transmitted depend on requirements for each university.

## 10.2-Wimax Connection

Wimax Connection between UCSY (Hlaing Campus) and UCSY (Hlawgar Campus) is set up by cooperating with JICA.



**WiMax Tower at UCSY (Hlawgar Campus) WiMax Tower at UCSY (Hlaing Campus)**

In addition, UCSY participated the project called "**One Day in Asia**" which held on **Thursday, November 1, 2012** by collaborating UNESCO with School on Internet (SOI Asia), and other National Research and Education Network in Asia countries.

UCSY has live broadcasting about the "Shwedagon Pagoda" the famous one in Myanmar as the World Heritage site in Myanmar as a two hours live-streaming session to exhibit the connectivity in Asia through technology and to improve the visibility of NRENs and ICT networks.

## 11. Will your organization to be host next AI3-SOI-Asia bi-annual meeting?

We have already hosted SOI-Asia bi-annual fall meeting on November 2011 at University of Computer Studies, Yangon (UCSY).

