

e-Education and e-Learning

Development

(MYANMAR)

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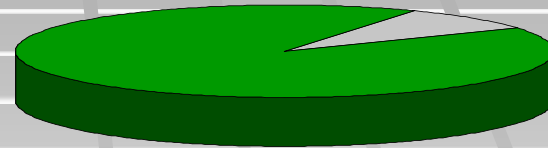
Union of Myanmar

↗ Area ⇒ 676,553 Sq. Km

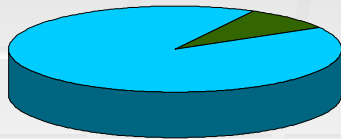
↗ **Population** ⇒ 51 millions

Literacy rate

Total ► 91.4%

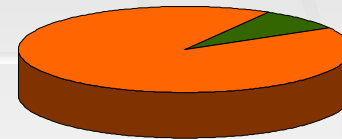


Literate female



91.0 %

Literate male



91.7 %

Education Structure

Basic Education

Age	5+	6+	7+	8+	9+	10+	11+	12+	13+	14+	15+			
Grade	Kg	1	2	3	4	5	6	7	8	9	10	Higher Education		
		Primary 5						Middle 4				High 2		

Education Structure

Higher Education

- **Economics, Computer Science**
- **Education**
- **Nursing, Paramedical, Community Health, Veterinary Sc, Agriculture**
- **Forestry**
- **Dental Medicine, Engineering**
- **Medicine**

University and Colleges

First Degree

- ❖ Arts and Science Universities, Degree Colleges,
- ❖ Universities of Distance Education
- ❖ University (Law)
- ❖ Workers' College

Post-Graduate Degree

- ❖ Master
- ❖ M.Res / Ph.D (Prelin)
- ❖ Doctorate

Myanmar Education Vision

To create an education system that can generate a learning society capable of facing the challenges of the Knowledge Age.

- ✓ To accomplish the Vision and the Objectives of the Long Term Education Promotion plan
- ✓ To create a highly qualified human resource in Myanmar

New Basic Education Schools are established

**Higher Learning institutions are being upgraded and
new ones are established**

According to the needs of the regional development

Number of Basic Education Schools

(2004 - 2005 AY)

High	Middle	Post Primary	Primary	Total
1894	2612	4774	31225	40505

Number of Teachers

(2004 – 2005 AY)

High	Middle	Primary	Total
19732	55196	158221	233149

Student Population

(2004 – 2005 A Y)

High	Middle	Primary	Total
619294	2011835	4829308	7460437

e-Education and e-Learning Initiatives in Myanmar

Several developments necessitated

- ✓ *the need to meet the challenges of the Information Age (especially IT literate population)*
- ✓ *the Multimedia Schools are built and begin operations since 1996*

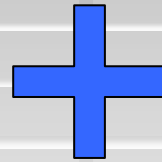
Formal ICT education

➡ 24 government computer colleges were opened in states and divisions in addition to Universities of Computer Studies, one in Yangon in Lower Myanmar and another in Mandalay under Ministry of Science and Technologies

✚ *Diploma, Bachelor, Master, Doctorate courses on ICT
and
Undergraduate ICT courses.*

e-Education

**Traditional
instructor-led
training**



**Riches of
computer-based
training**

- ▶ **Multimedia classrooms were established in schools and higher institutions**
- ▶ **more than 1000 basic education schools have been provided multimedia class rooms (2002)**

 **156 Colleges, Degree Colleges and Universities in Myanmar**

ICT Facilities at Higher Education Institutions

Sr. No	Type of Facility	Number
1	e-Learning center	619
2	Computer training center	143
3	e-Resource center	49
4	Language lab	93
5	Multimedia lecture auditorium	60
6	Multimedia Conference hall	50

Very Small Aperture Terminal (VSAT) and iPStar Broad Band Network were introduced for the whole country

- **e-Learning centers were upgraded to two-way communication system or the interactive system**
- **Myanmar Education Network, utilizing VSAT and iPStar was established in Oct 2001**
- **These e-Learning centers are to be installed at Universities, Colleges and college departments**

International Cooperation

Active Member of SOI-Asia Japan ASEAN Exchange Project

- **Based on METI assistance develop SOI Asia project (2001~2003)**
- **Enjoying many lectures concerning high quality University level education.**
- **The distribution of live lectures of Professors from Japan Universities.**
- **MoU between KEIO University and UCSY**
- **Joint Ph.D Programme between KEIO and UCSY has been setup**
- **This was due to effort of Professor J. Murai**
- **METI support for this joint degree Ph.D programme will be appreciated**

- **MoU between JAIST and UCSY**
- **Interactive discursion between Professors and participants in Myanmar.**
- **Exchanging knowledge with other participants from ASEAN countries.**
- **Learning many archived lectures at any time**


Myanmar-Japan e-Learning centre

- ❖ *Established in Myanmar in 2001*
- ❖ *Under MoU between METI & e-Task Force*
- ❖ *Provides training courses for Japan Information Technology Engineer Examination (JITEE)*

Conclusion

The ASEAN University Network (AUN) and the Southeast Asian Ministers of Education Organization (SEAMEO)

➤ *Institutions Plays A major role*

 *The implementation of an effective and sustainable an e-Education and e-Learning in Myanmar will require*

 *Proficiency in information technology and human resources development*

Thank You!