ONLINE EDUCATION IN MALAYSIA: INSTITUTIONAL CHANGE TO STIMULATE DIGITAL LITERACY

Nurliana Kamaruddin, *PhD*

Cecilia Cheong Yin Mei, *PhD*
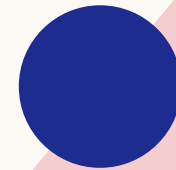
Wah Yun Low, *PhD*

Azirah Hashim, *PhD*

Universiti Malaya

UNIVERSITI MALAYA
KUALA LUMPUR

CONTENT

- Understanding Digital Literacy
- Motivations for Migration
- Challenges
- The Way Forward

DIGITAL LITERACY

The ability to identify, understand, interpret, create, communicate, compute and use printed and written materials associated with varying contexts. Literacy involves a continuum of learning in enabling individuals to achieve their goals, to develop their knowledge and potential, and to participate fully in their community and wider society

-- UNESCO

DIGITAL LITERACY

"The ability to understand and use information in multiple formats from a wide range of sources when it is presented via computers.

Paul Gilster 1997

"the ability to access, manage, understand, integrate, communicate, evaluate and create information safely and appropriately through digital technologies for employment, decent jobs and entrepreneurship. It includes competences that are variously referred to as computer literacy, ICT literacy, information literacy and media literacy"
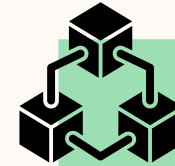
UNESCO 2018

DIGITAL SKILLS FOR EDUCATION

photo-visual literacy

reproduction literacy

branching literacy

information literacy

socio-emotional literacy

MOTIVATION FOR MIGRATION

Keeping up with IR 4.0

- Changing work requirements
- Updating skillsets
- Augmenting learning experience

Responding to emergencies

- Pandemic
- Areas with infrastructure issue
- Easier accessibility

Management requirement

- Streamlining
- New administrative needs
- Revenue increase
- Increased flexibility

CHALLENGES

INFRASTRUCTURE ADEQUACY

National connectivity
School subsidies
T&L digital infra

DIGITAL DIVIDE

Poverty gap
Age/generation gap

ADJUSTMENT FOR SPECIAL NEEDS
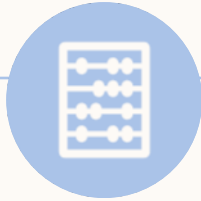
Replication of in class support
Attention readiness

SECURITY

Awareness
Policies and measures

READINESS

Training
Mental health issues/stress
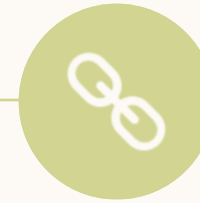
THE WAY FORWARD

GOVERNMENT

- Emphasis on infrastructure development
- Better policies and enforcement
- Transitionary preparation
- Revision and evolution of curriculum
- Focus on closing divide

EDUCATORS

- Upskilling
- Engaging with new services with cutting-edge deliverables
- Reforming linear education style

LEARNERS

- Proactivity in new educational content
- Awareness/mindfulness in data overabundance
- Engaging beyond the screen

THANK YOU