Universiti Putra Malaysia: Joining in the Fast Lane with PutraMOOC

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Introduction

Open Education Initiatives

Global Community

Step by step, systematic & holistic

Why MOOC?
National Higher Education Strategic Plan

Critical Agenda Projects (CAP)

National e-Learning Policy

“E-Learning for quality, flexible and collaborative learning to produce graduates who are versatile and competitive in the global arena.”
DePAN National e-Learning Policy

5 pillars of DePAN
## 8 OBJECTIVES OF DePAN

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<th>Promote quality educational opportunities</th>
<th>Provide suitable infrastructure</th>
<th>Produce variety of T&amp;L e-Content</th>
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<td>Improve skills of staffs, students and stakeholders</td>
<td>Develop repository &amp; directory of e-resources</td>
<td>Conduct R&amp;D in e-Learning pedagogy &amp; technology</td>
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<td>Develop ORIGINAL content, promote culture of e resources sharing</td>
<td>Build community, entrenched of e-Learning</td>
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Big Idea #10: Intensifying Online Learning

#10 Big Idea of Malaysian Education Blueprint: Higher Education 2015 - 2025

Focus

Enhancing the quality of teaching and learning; bringing niche area to Global arena; visibility, positioning and branding; as well as lifelong learning.
An Initiative

PutraMOOC

Interactive Forums

Ongoing Courses

Video Lectures

Chats

e-assessments

Other learning activities

Malaysia comprises multi-ethnic and multicultural compositions where people of different religious, ethnic, and racial origin and race live in a peaceful and harmonious society.

Quizzes
Main Objectives of Putra MOOC

To enrich learning experiences of on-campus students

To showcase UPM’s expertise and niche areas

To Drive Innovative Teaching Methods
5 Principles

- With Knowledge, We Serve
- Open Access, Equal Opportunity
- Small Idea, Big Impact
- University, Global Community
- Enriched Learning Experience
innovative expansion of knowledge reflecting Rhizomatic model of learning

leveraging on the use of blended learning through flipped classroom for on-campus students
Rhizomatic Learning Model

“In the rhizomatic model of learning, curriculum is not driven by predefined inputs from experts; it is constructed and negotiated in real time by the contributions of those engaged in the learning process. This community acts as the curriculum, spontaneously shaping, constructing, and reconstructing itself and the subject of its learning in the same way that the rhizome responds to changing environmental conditions.”

Cormier, 2008
Putra MOOC

How it works?

Launched by the Minister of Education II on April 7th, 2014

URL: putramooc.upm.my

URL: www.openlearning.com

Islamic Civilisation & Asian Civilisation

Agriculture and Man

Malay Arts
Malaysia MOOCs

Putra MOOC

OpenLearning - a platform chosen for Malaysia MOOCs

Soft launch: 18 Sept 2014

4 pioneer courses: TITAS, Hubungan Etnik, Entrepreneurship, IT Literacy

Students of these 4 compulsory courses for all 20 public universities must register for the MOOC courses.

Massiveness of enrolment

Current enrolment of TITAS (developed by PutraMOOC team, UPM)

19,953 students

As of 23rd November 2014
The Setup

Video Production

- Chroma key
- In studio
- Integrated with various media

Putra MOOC

Video Storage

- Video of lectures
- Embedded
- Upload

Why?
Prevent problem of network congestion
Putra MOOC The Timeline

PutraMOOC proposed

- Nov 2013

The Launching

- 7 Apr: 2 courses Open for registration, using PutraMOOC platform
- 14 Apr: Agriculture and Man

1st video lecture

1st course started

2nd course started

- 9 Jun: Malay Arts
- Jul 2014

Open for Distance Learning Programme

- 2 courses open for on campus students

The Soft-Launch

- 18 Sept: TITAS launched with 3 other courses, offer through OpenLearning
548 courses, 126900 students

- **Tamadun Islam dan Tamadun Asia (TITAS)**
  - Humanities
  - On now
  - 19953 Students

- **Kesepaduan & Hubungan Etnik di Malaysia**
  - Humanities
  - Self-paced
  - 15502 Students

- **UNSW Computing 1 - The Art of Programming**
  - Computers and Technology
  - Self-paced
  - 10811 Students

- **Introduction to Entrepreneurship**
  - Business and Economics
  - On now
  - 7983 Students

- **ICT Competency**
  - Computers and Technology
  - Self-paced
  - 5289 Students

- **Services Marketing - Selling the Invisible**
  - Business and Economics
  - Self-paced
  - 4740 Students

- **Services Marketing - The Next Level**
  - Business and Economics
  - Self-paced
  - 3156 Students

- **Entrepreneurship - Taylor's University**
  - Business and Economics
  - Self-paced
  - 2787 Students
Pendahuluan


Atas hakikat ini, maka Rasulullah SAW. mengambil masa selama 13 tahun bagi membentuk personaliti Muslim yang unggul sebagai persediaan untuk membina tamadun yang lebih besar. Akhirnya wajah kesempurnaan tamadun Islam bersinar di Madinah, dan berjaya membuktikan kepada dunia bahawa Islam adalah satu cara hidup yang unik dan merangkumi segenap aspek kehidupan manusia.
Pengenalan: Apakah TITAS?

- Kombinasi Tamadun Islam dan Tamadun Asia
- Kursus wajib perlu diikuti oleh pelajar institusi pengajian tinggi di Malaysia
- Salah satu kursus yang bermatlamatkan pembinaan nusa bangsa

Tujuan

- Membina peradaban & tamadun dalam acuan dan sistem nilai tempatan
- Menyuburkan dialog peradaban
The Challenges

Original content & ownership of the MOOC course

Non-technical/IT savvy lecturers, Non-believers of such approaches

No monetary incentive

Cannot award credits

SLT for enrolled students - yet to be settled
Conclusion

Through PutraMOOC

- Student self-directed learning time
- Quality and quantity of e-content
- International presence and visibility
- Local and international student enrolment
- New learning approaches based on SCL approaches (blending learning and collaborative learning)
- R&D for innovation in teaching and learning
- Lifelong learning enculturation
спасибо

PUTRA MASSIVE OPEN ONLINE COURSE

THANK YOU

ありがとうございました

MERCI

DANKE

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