Malaysia Country Report 2018

"Digital Scholarship Trend in Academic Library"

14th AUNILO Meeting
Learning Resource Center - Can Tho
University, Vietnam
2 - 4 July 2018











INTRODUCTION

DEFINITION

'Digital Scholarship' is really shorthand for the intersection of three technology related developments, namely:

- digital content
- networked distribution
- •open practices.

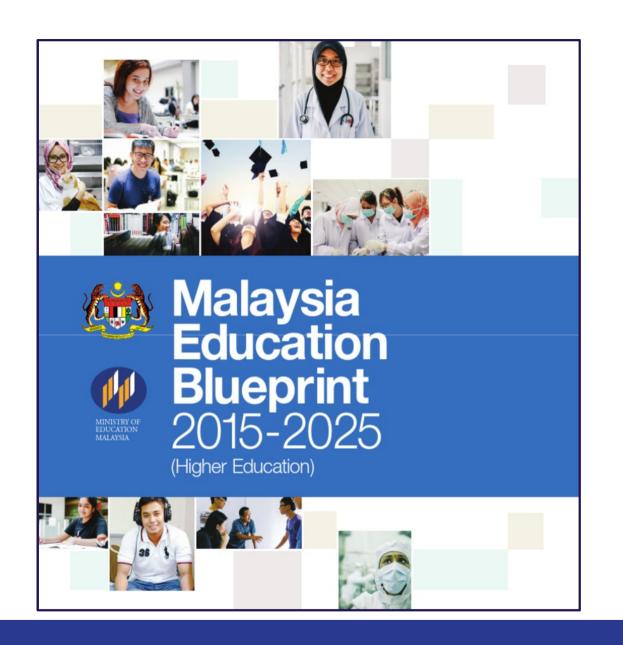




FRAMING MALAYSIAN HIGHER EDUCATION 4.0

MOHE recognises that higher education needs to evolve in tandem with the 4IR in order to stay relevant and competitive.

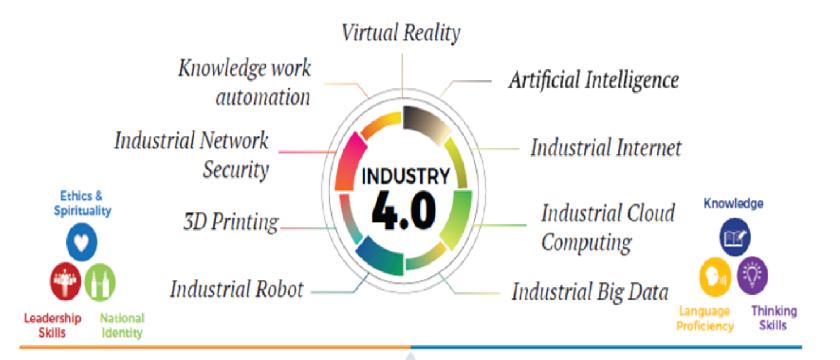
Serves as a guide for public/private universities/institutions in meeting the demands of 4IR.



MALAYSIAN HIGHER
EDUCATION
BLUEPRINTS 2015 2025 LAUNCHED IN
APRIL 2015



10 SHIFTS WERE
OUTLINED TO MEET
THE ADVANCEMENT
OF THE 4IR

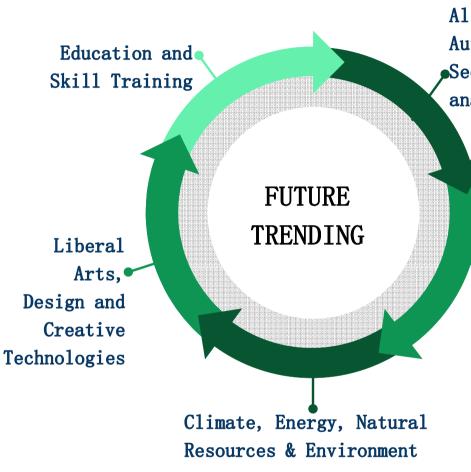


SHIFTS 1, 2, 3 & HUMANISING NEW TECHNOLOGIES TO BALANCE BETWEEN ETHICS/MORALS AND KNOWLEDGE









Al, Machine learning,
Automation, Cyber
Security, Big Data, Data
analytics

Hybrid of technical
fields Biotechnology,
Biomedical Science &
Biomedical
Engineering, IT,
Computer Science,
Healthcare

MALAYSIAN HIGHER EDUCATION FRAMEWORK 4.0

Teras Strategik Pendigitalan

Enam teras strategik pendigitalan berserta objektif telah dikenal pasti bagi memastikan penggunaan ICT di Sektor Awam mendapat manfaat dan hasil yang disasarkan.

PERKHIDMATAN DIGITAL BERSEPADU DAN SELAMAT





T1 PERKHIDMATAN DIGITAL BERSEPADU DAN SELAMAT

- · Melebar luas perkhidmatan digital yang berkualiti, selamat dan menyeluruh
- Menyediakan perkhidmatan digital yang inklusif dan mesra rakyat



T2 SISTEM PENYAMPAIAN PERKHIDMATAN DIGITAL BERPACUKAN DATA

- · Mengurus dan merealisasikan nilai data secara cekap dan holistik
- Mengukuhkan perkongsian data merentasi agensi Sektor Awam



T3 PENJENAMAAN, PUBLISITI DAN PROMOSI PERKHIDMATAN DIGITAL

- Mewujudkan penjenamaan tunggal di peringkat nasional bagi perkhidmatan digital Kerajaan
- Memantapkan program promosi perkhidmatan digital Kerajaan



T4 TADBIR URUS DAN PERUNDANGAN

- Memantapkan tadbir urus dan jaringan kolaborasi strategik bagi merancang dan menyelaras pelaksanaan inisiatif digital
- Memperkukuhkan dasar dan perundangan organisasi yang dinamik dan efisien



T5 PENGUKUHAN KEUPAYAAN DAN KAPASITI

Memperkukuhkan keupayaan dan kapasiti bagi sumber manusia dan infrastruktur pendigitalan penyampaian perkhidmatan Kerajaan



T6 MENGOPTIMUMKAN KEBERHASILAN SISTEM PENYAMPAIAN PERKHIDMATAN DIGITAL

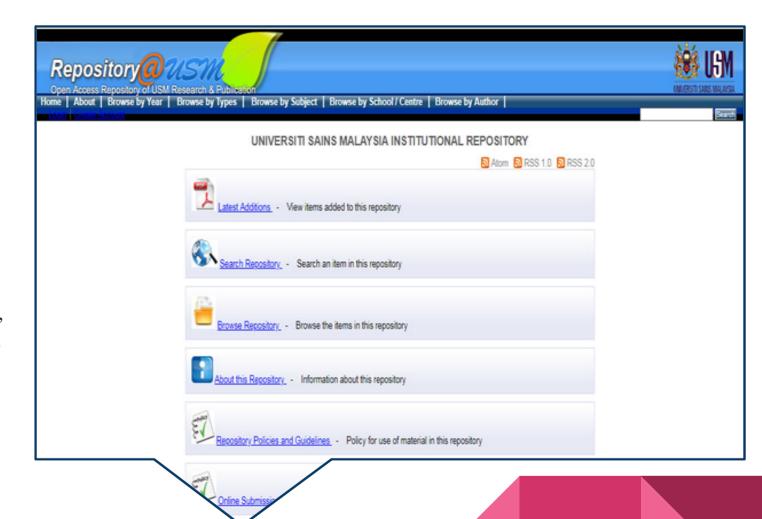
- Menyesuaikan saiz perkhidmatan awam dengan memanfaatkan pendigitalan secara strategik
- Mengurangkan kos kepada rakyat dalam berurusan dengan Kerajaan
- Mengurangkan kos penggajian petugas, pengoperasian dan penyelenggaraan perkhidmatan kaunter bagi pihak Kerajaan

MALAYSIAN DIGITIZATION STRATEGIC THRUSTS

DIGITAL SCHOLARSHIP PROJECTS

Repository @USM

Storing a variety of electronic information materials such as articles from academic magazines, books, thesis, examination papers, research reports, photographs and others.



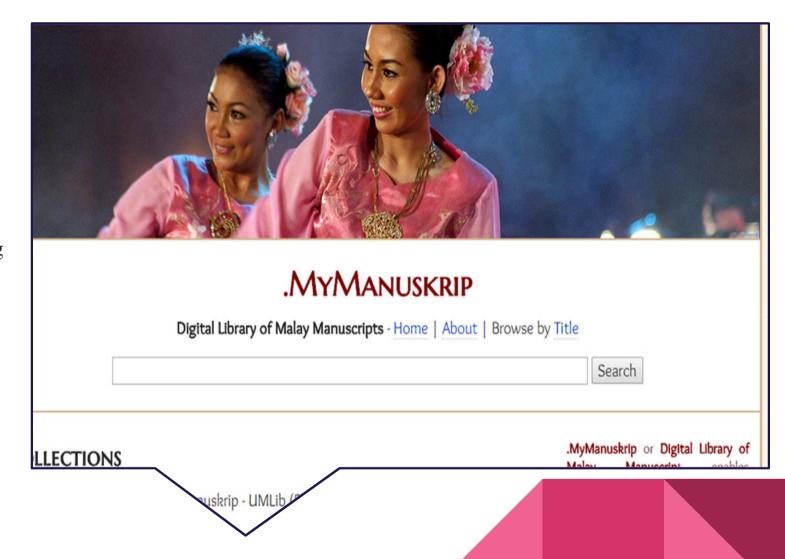
Oral History @USM

The primary and reliable sources for historical event, person or place, a first person memory of the past, by an eyewitness.



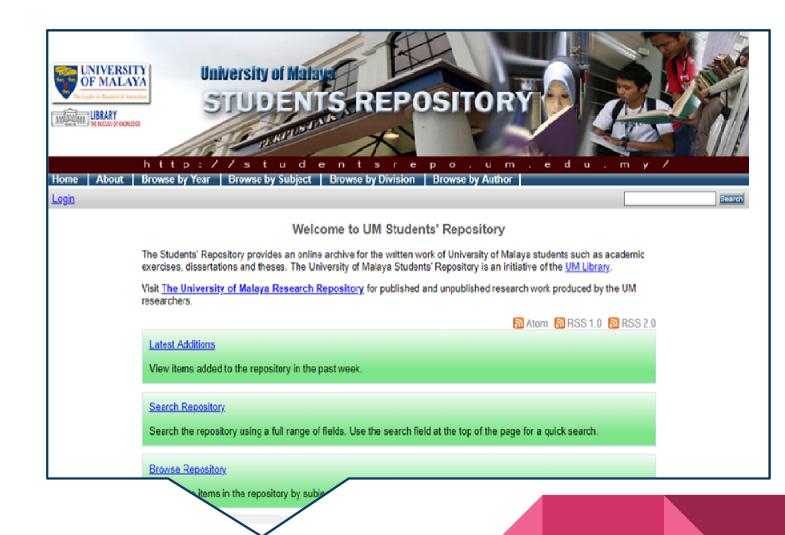
.MyManuskrip @UM

Preservation, access and building of digital collections of Malay manuscripts for use by both the Malay World and Malay studies learning communities.



University of Malaya Students Repository

Online archive for the written work of UM included academic exercises, dissertations and theses.



Learning and Research Repository @UKM

Online archive for the UKM learning and research works.



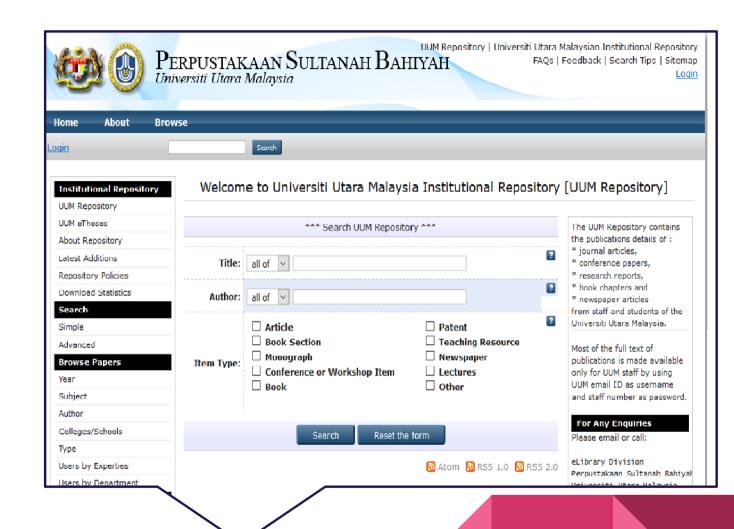
Malay Civilization Portal @UKM

Online archive for writing materials and publications on Malay studies.



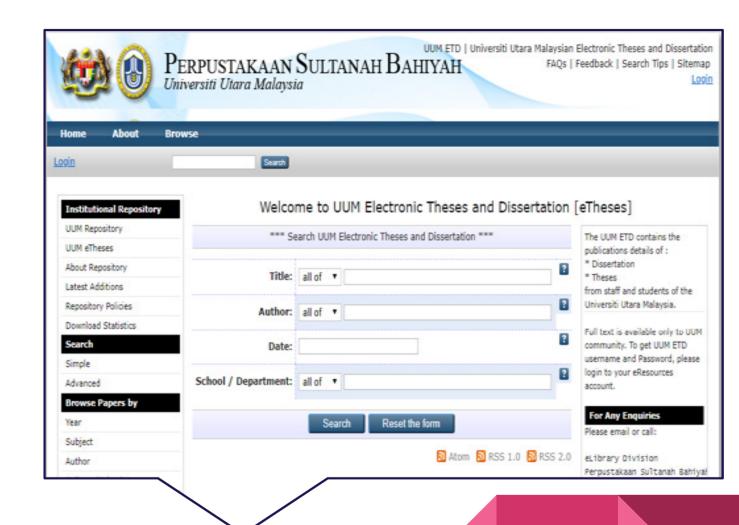
UUM Institutional Repository

The UUM Repository contains the publications from staff and students of the Universiti Utara Malaysia.



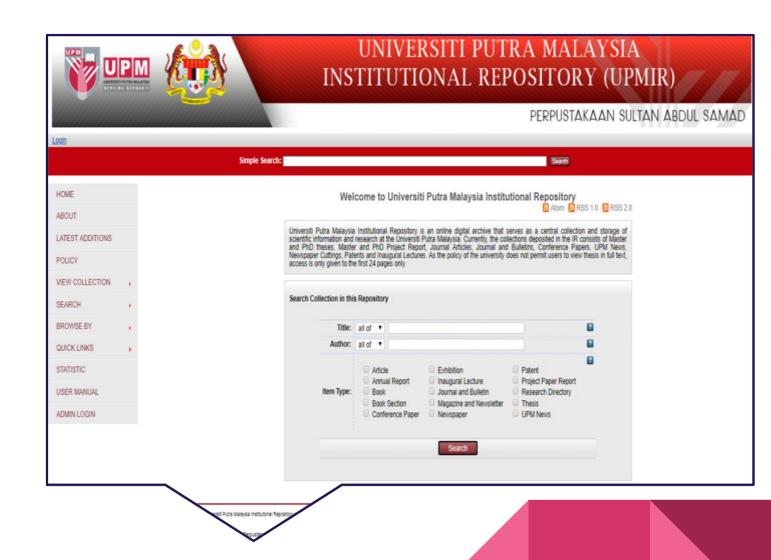
UUM

UUM Electronic Theses and Dissertations for UUM Community only.



Universiti Putra Malaysia Institutional Repository

Online digital archive that serves as a central collection and storage of scientific information and research at Universiti Putra Malaysia.



UPM eThesis

The UPM eThesis contains the full text electronics copies of theses and dissertations and project reports from postgraduate students of the Universiti Putra Malaysia.



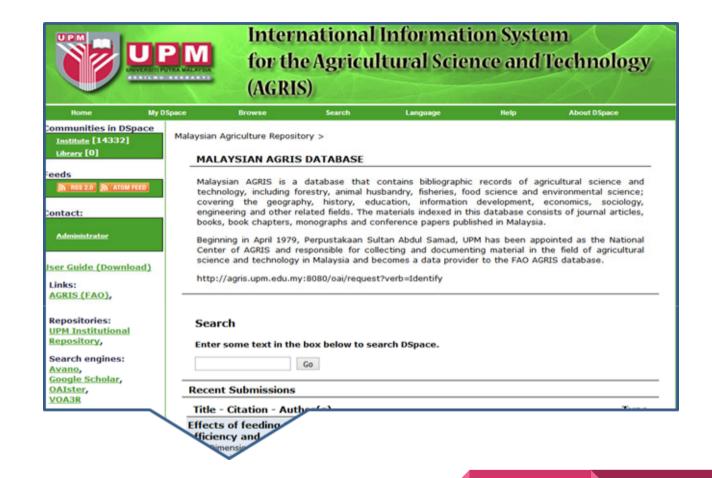
MyAgric (Malaysian Agricultural Information Portal)

Preservation, access and building digital collection of Malaysian agricultural science and technology, including forestry, animal husbandry, fisheries, food science, environmental science and natural resources information for local and global usage.



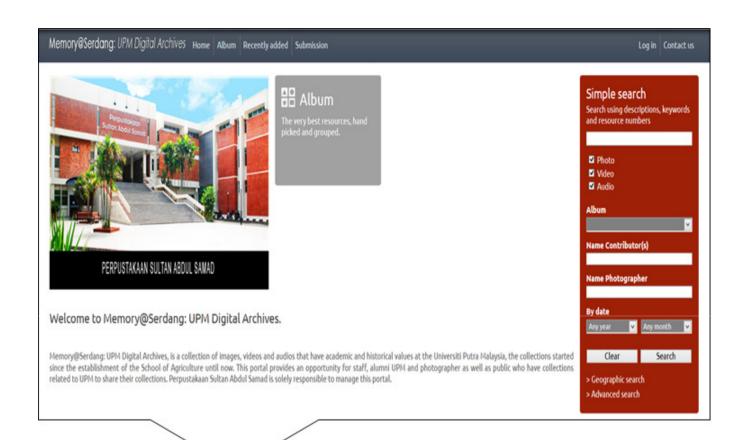
AGRIS (International Information System for Agricultural Science and Technology

As the National Center of AGRIS for Malaysia, UPM Library responsible for collecting and documenting material in the field of agricultural science and technology in Malaysia and becomes a data provider to the FAO AGRIS database. The database contains bibliographic records of agricultural science and technology, including forestry, animal husbandry, fisheries, food science and environmental science; the covering geography, history, education, information development. economics, sociology, engineering and other related fields

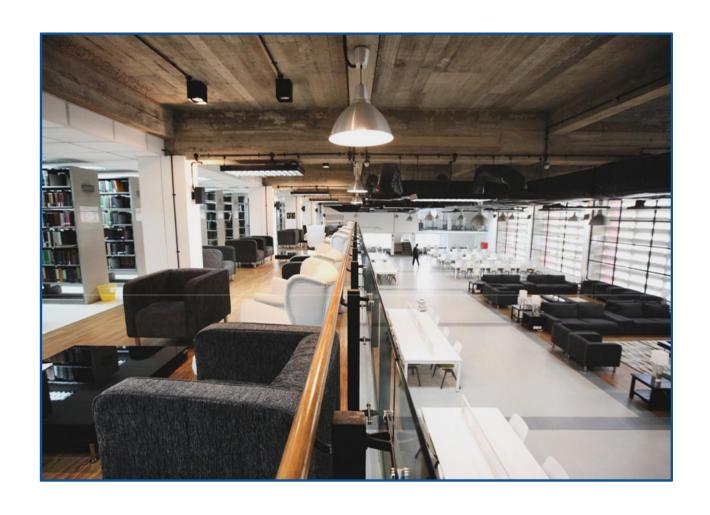


Memory@Serdang : UPM Digital Archives

Memory@Serdang: UPM Digital Archives, is a collection of images, videos and audios that have academic and historical values at the Universiti Putra Malaysia. The collections started since the establishment of the School of Agriculture until to date. This portal provides an opportunity for UPM staff. alumni and photographer as well as public who have collections related to UPM to share their collections. Perpustakaan Sultan Abdul Samad is solely responsible to manage this portal.



DIGITAL SCHOLARSHIP COMMON



Collaborative Learning Area @UMalaya

LEARNING RESOURCES: MOOC

MOOC DESIGN AND DEVELOPMENT STAGE

1 2 3 4 5
ANALYSIS DESIGN DEVELOPMENT IMPLEMENTATION ANALYSIS

- UM
- UKM

USM



MOOC @USM LIBRARY

OPPORTUNITIES IN DIGITAL SCHOLARSHIP

OPPORTUNITIES IN DIGITAL SCHOLARSHIP OF ACADEMIC LIBRARIES

- Visibility of libraries (Content, Resources)
- Vast Networking (Local & International)
- Upskilling of librarians in Academic Libraries
- Relevancy of Academic Libraries
- Re-visioning of space, physical and virtual
- New approaches in digital service delivery
- Commonality & Collegiality by Malaysian Government

FUTURE PLANNING

FUTURE PLANNING

- MALAYSIANA HUB
 - Collaborative Initiatives Among Malaysia
 AUNILO Members

~ THANK YOU ~