

# PREPARING LIBRARIANS FOR FUTURE DIGITAL

## **Most Libraries in Malaysia have made Advances in the Digital Era and Yet:**

- ▣ Some Services are Still Under Utilized**
- ▣ Sometime Ineffectively Used**
- ▣ Not Getting Full Benefit of the Services**
- ▣ Low State of Awareness of Certain Services**
- ▣ Reluctance to Use the Library**

## **Some Solutions:**

- ▣ **Knowledgeable Staff**
- ▣ **Adequate Training to Use Services**
- ▣ **Right Attitude**
- ▣ **Competencies**

**“The Advent of New Technology has Changed the Behavior of Users in a Way That Requires a Reciprocal Change in the Behavior of Librarians.**

**Librarians in the Future will Need to be Flexible, Adaptable, and Conversant with How the New Individualistic User Seeks Information”**  
”

**... Peterson**

- ▣ **Advent of Web Technologies, Librarians Must be Aware of the New Transformational Changes**
- ▣ **Librarians have to Adapt to the New Working Environment that is Constantly Changing**
- ▣ **In Order to Adapt to these Changes, They Must be Able to Learn and Explore New Things**
- ▣ **These New Version of Librarians/Information Professional will Play New Roles in this Digital Era.**

# Librarian's Role in Digital Era

- ▣ **Information Organizer and Provider**
- ▣ **Teacher or Educator**
- ▣ **Navigator, Browsing and Filtering Experts**
- ▣ **Facilitator and Providing Support**
- ▣ **Consultant**
- ▣ **Initiate the Outreach Program**
- ▣ **Teaching Centered /Service Centered/User Centered**

## **Zhou (2005):**

- ▣ **Analyzing and Processing Different Kind of Information Resources**
- ▣ **Activating and Finding Potential Value Hidden in any Information**
- ▣ **Providing Added Value Information Product and Services**
- ▣ **Providing Personalized and Tailored Services**
- ▣ **Select, Acquire, Preserve, Organize and Manage Digital Collections;**

- ▣ **Design the Technical Architecture of Digital Library;**
- ▣ **Describe the Content and Attributes of Items (Metadata);**
- ▣ **Plan, Implement, and Support Digital Services Such As Information Navigation, Consultation and Transmit Services;**
- ▣ **Establish Friendly User Interface Over Network;**



- ▣ **Set Up Relative Standards and Policies for the Digital Library;**
- ▣ **Design, Maintain and Transmit Added-Value Information Products;**
- ▣ **Protect Digital Intellectual Property in Network Environment; and**
- ▣ **Ensure Information Security.**

# Issues and Challenges

**Thamaraiselvi (2009) :**

- ▣ **New Generation of Learners**
- ▣ **Copyright Act**
- ▣ **Privacy/Confidentiality**
- ▣ **Online/Virtual Crimes and Security**

- ▣ **Technology Challenges**
- ▣ **Manpower**
- ▣ **Collection of E-Digital Resources**
- ▣ **Organizational Structure**
- ▣ **Preservation/Archiving Digital Resources**
- ▣ **Lack of Clarity in Vision**

# Faculty's Role

## Degree Program:

- ▣ **Bachelor of Information Science (Hons.) Library & Information Management**
- ▣ **Bachelor of Information Science (Hons.) Information System Management**

# **Bachelor of Information Science (Hons.) Library & Information Management**

- ▣ **Foundation of ICT**
- ▣ **Management of Internet Information Sources and Services**
- ▣ **IT in Libraries and Information Centers**
- ▣ **Computerized Textual Information Management**
- ▣ **Digital Libraries**
- ▣ **Organization of Information : Computerized Cataloging**

# **Bachelor of Information Science (Hons.)**

## **Information System Management**

### **Elective/Minor Table:**

- ▣ **Support Services and Maintenance for Information Systems**
- ▣ **Basic Web Design and Content Management**
- ▣ **Multimedia for Information Professionals**
- ▣ **Database Application for Information Management**
- ▣ **Information Systems Management**
- ▣ **Decision Theory and Expert Systems**
- ▣ **Information Systems Interaction Consultation**
- ▣ **Legal and Ethical Aspects of Information Systems**

# Master in Library Science

## Organization of Knowledge:

- ▣ **Organization of Knowledge**
- ▣ **Information Searching & Retrieval**
- ▣ **Advanced Cataloging & Classification**
- ▣ **Thesaurus Construction in a Specific Discipline**
- ▣ **Metadata**

# **Management:**

- ▣ **Principles and Practices in Library Administration**
- ▣ **Resources and Collection Management**
- ▣ **Strategic Planning and Human Resources Management**
- ▣ **Public Relation and Marketing Libraries**
- ▣ **Information Policy**



## **Users and Services:**

- ▣ **User Needs and User Studies**
- ▣ **Information Sources and Services in a Specific Discipline**
- ▣ **Business Information Sources and Services**
- ▣ **Legal Information Sources and Services**
- ▣ **Medical and Health Sources and Services**
- ▣ **Islamic Information Sources and Services**

## **ICT Applications:**

- ▣ Information System Management in Libraries**
- ▣ Digital Libraries and Multimedia Applications**
- ▣ Information System Security in the Library Environment**
- ▣ Information System Project Management in the Library environment**
- ▣ Information System Evaluation in Libraries and Information Centers**

## **Evaluations, Research and Synthesis:**

- ▣ **Seminar: Information, Libraries and Society**
- ▣ **Dissertation Development and Research Methods**
- ▣ **Measurement and Evaluation in Libraries**
- ▣ **Independent Study**
- ▣ **Seminar: Knowledge Management**
- ▣ **Information Industry and Information Entrepreneurship**
- ▣ **Bibliometric Application and Knowledge Productivity**
- ▣ **Dissertation**

# **Transformation / Change / Rebranding**

**“Roles of Librarians are Not Static  
But are Constantly Evolving”**

**“ Change does not happen overnight, and perfection may never be within our grasp. This does not mean that the journey is not worth making, both for the organization and individual ”**

**Thank You**