HBMSU's Lifelong Learning Model Unlocks Doors to the future of Education

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Chairman of the Governing Board, UNESCO Institute for Information Technologies in Education

Moscow International Education Fair
Moscow, Russia 18–21 April 2018
HBMSU Vision

To lead the *smart learning innovation* for **RE-ENGINEERING the future of education** aimed at the advancement of individuals, organizations, and society.

**RE-ENGINEERING the future of education**

HBMSU Core Values
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HBMSU’s Lifelong Learning Model

HBMSU Learners’ Categories: 4Cs’ Model

- Continuing Learners
- Concentrated Learners
- Committed Learners
- Casual Learners

Outcomes
- Customized & Solution-Driven Programs
- Research-Driven
- Competency-Based Programs
- Informal Learning

Products
- Executive Development
- Innovative Academic Degrees (Bachelors, MSc, PhD)
- Professional Certification & Diploma (< 9 months)
- Open Access Education (Short courses, Seminar & conferences)
In the context of Middle East, HBMSU developed a Lifelong Learning Model in an attempt to:

- Bridge the skills gap by providing access to quality virtual learning, particularly for women in rural areas of the Arab World, for a new skills set that is needed for the future.
- Help create employment opportunities and inculcate entrepreneurial spirit among all sections of society.
- Enable knowledge creation and application through innovation, disruption, and transformation.
- Provide distinguished and intellectually stimulating learners’ experiences.
- Help faculty provide differentiated learning activities to suit different learning styles or preferences and different ability levels.
- Enable faculty to maintain a supportive dialogue with learners regardless of their location.
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Learner Centric

Learner is transformed from a KNOWLEDGE ADAPTOR ...........Into ........ a KNOWLEDGE CREATOR

- Learner Centric
- Individualized Learning
- Making Learning more Interesting
- e-Portfolio
- e-Career Advancement and Placement Services

LEADERS OF TOMORROW
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From...LEARNER CENTRIC

...to...LEARNER DRIVEN

- Engage learners
- Reflect on the what and how of learning
- Learners are in the driving seat
- Competency-based learning
- Learning communities
- Content co-creation
- Contextualize learning
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Gamification

- Promote good behaviors
- Enhance learning experience
- Encourage social cooperation
- Motivate learners to improve their academic performance
- Engage learners in the research environment

Making learning more interesting
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Game Changer
HBMSU Smart Learning Ecosystem
Teaching and Learning at HBMSU

- Design, develop, and maintain course content (with aid of the e-Content Factory)
- Explain issues, direct comments toward the content and learning objectives, set up discussion forum, probes for learners responses that focus discussions on critical concepts, principles, and skills
- Provide guidelines for assignments that are appropriate to the level of the course, evaluate learners assignments, exams, projects, and contributions, and offer intellectual and individualized feedback
- Support the development of collaborative learning and a social community, manage learning communities, and express support for the learning process and individual needs.

Conventional Teaching

- Develop Teaching Material
- Deliver Instructions
- Assess Learning Outcomes

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Game Changer
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**Game Changer: Unbundling Faculty Role**

**From...Academic administrators **PUSH** faculty into courses**

**...to...**LERNER Pull Faculty (IF and WHEN needed)**

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**CONVENTIONAL FACULTY MODEL**

- Rely on Full-time Faculty
- Rely on Local Faculty
- Semester or Annual Evaluation
- Rigid Faculty Assignment

**FACULTY MODEL AT HBMSU**

- Rely on associate faculty members with few core full-time faculty to manage key academic administration operations. Develop and operationalize an associate faculty ecosystem to ensure appropriate recruitment, orientation, training and development, mentoring, assignment, management, and performance evaluation.

- Develop a network of international associate faculty members in each core area supported by a regulatory and technological infrastructure that enable, facilitate, and manage their involvement and contribution to HBMSU in various stages including Design, Delivery, Digitization, aspects of opera Curriculum.

- Introduce the Lecture Rating Tool as part of a comprehensive Faculty Course Evaluation System that includes both summative and formative ends to promote excellence in teaching and learning and encourage faculty members to be responsible for their own instructional improvement. The system will ultimately result in an optimized learning experience and a better teaching and learning environment.

- Faculty interaction during delivery is not essential component of the course, teaching and learning material as well as assessment and activities are rich and sufficient and are self-contained and facilitated, as needed, through AI. Learners have the flexibility to proceed with the course without faculty or to pull any faculty member from a pool of accredited faculty members for that course, faculty are compensated based on the number and duration of interactions.
**CONVENTIONAL FACULTY ROLE**

- Teaching
- Research
- Advising
- Committee Work
- Community Service

**FACULTY ROLE AT HBMSU**

- **Educational Facilitator and Learning Coach:** Encourages substantive interactions among the participants by monitoring and shaping conversations with targeted interventions.

- **Curriculum Writer and Subject Matter Expert:** Design, develop, and maintain course content (with aid of the e-Content Factory)

- **Scientific Research:** Conduct innovative scientific research, publish high-quality and impactful intellectual contributions in internationally refereed scholarly journals with high ranking, supervise master and PhD dissertations, generate fund through joint research projects

- **Academic Advising:** Mentor and provide assistance and support to learners exhibiting poor academic performance.

- **Committee Work and Curriculum Development:** Contribute to the curriculum assessment and development and support accreditation activities.

- **Community Service:** Engage in community service through the development of Open Educational Resources.
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**Content Development Ecosystem**

**INFRASTRUCTURE:** Establish the eContent factory to digitize content and develop Learning Objects to be used across all categories of the LLL Model.

**REGULATORY:** Incorporate aspects related to content development as part of the roles and workload of faculty, provide clear and encouraging guidelines for all aspects related including IPR.

**CAPACITY:** Build the capacity of faculty through various training and development activities in smart T&L including a comprehensive Faculty Certificate in Smart Learning.

**INCENTIVES:** Provide incentives for faculty to encourage them to be involved in various stages of the 5Ds process.

**SUPPORT:** Utilize the eContent factory and other platforms to provide a continuous support to faculty in the 5Ds process.
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Innovative Pedagogical Approaches

AAA Model
- Awareness (Self-paced)
- Advisory (Online Collaborative)
- Application (Face to Face and Synchronous)

Tamkeen
Pedagogical Discourses Tools to Empower Online Academics and Learners
- ARC: Analyze, Read, & Collaborate
  Empower learners towards inquiry learning learning
- PAS: Present, Activate, Synthesize
  Enable higher levels of thinking, especially decision making

3Cs: Connect, Collaborate & Create
Empower learners to take charge and be creative

CPS: Collaborate, Present and Summarize
Enhance communication skills and emotional intelligence

Pedagogical Approaches Applied At HBMSU

Flipped Learning

Learning by Doing
Faculty Training Approach

Pull
Hands-On: Application & Practicing

Push
Knowledge: Fundamentals Concepts & Theories
Cloud Campus was developed to provide learning and skills development opportunities that are relevant to the context in which young people live and seek their livelihood.

HBMSU launched Cloud Campus to entail flexibility, quality and diversity, in order to strengthen self-leadership among learners and prepare them socially and academically for a future career through integration into the job market.

Cloud Campus is an online learning platform that trains individuals in professional and digital skills through 60- to 90-second videos.

It offers a flexible training platform and 5,000+ video lessons covering more than 170 subjects using a proprietary micro learning method.

Cloud Campus users are trained, assessed and then awarded a certificate of completion.
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Game Changer: Curriculum

Learning Resources Center
Content Co-creation
Contextualization & of Programs content
Different exit points
Feedback from Internal and External Stakeholders
Lifelong Learning Model
e-Content Factory
Repackage learning objects
Integrated Quality Management System to plan and ensure quality on each level
Closing Words

Smart Learning ...

Yesterday, it was a historical fiction.

Today, it has become a fact speaks for itself. Some people take it by choice, others take it as they have no choice.

Tomorrow, people will take it as the BEST CHOICE.

“The Author”
شكراً جزيلاً

Thank You

Je vous remercie

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Mansoor Al Awar
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Together We Grow
**RE-ENGINEERING the future of education**

**Together We Grow: Leveraging with Industry**

Offering a Post Graduate Diploma in “Curriculum Design and Development” jointly with UNESCO

Installing smart lighting systems across the campus through partnership with Philips Lighting

Building generations of Emirati programmers who are adept in the modern technology through partnership with Microsoft

Offering a ‘Diploma in Gifted and Talented Education’ in collaboration with Hamdan bin Rashid Award for Distinguished Academic Performance

Impact society through partnership with Starbucks to launch Cloud Campus in 26 of their stores across UAE

Enabling children to experience university life through partnership with KidZania® Dubai
RE-ENGINEERING the future of education
Together We Grow: Academic Research

- Knowledge Transfer
- Awards and Grants
- Case Research And Development
- Books and Journals
- Arabization and Program Integrity
- Policy And Strategy Roundtables
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PASSION FOR RESULTS

Leadership Status
- Wide-ranging Portfolio of Accredited Programs
- Local, Regional, and International Awards

Enterprise Thinking
- Innovative Business Model
- Risk Management and Business Continuity

Management by Numbers
- Strategic Planning
- Action Planning
- Internal and External Audits

PASSION FOR RESULTS
RE-ENGINEERING the future of education

PASSION FOR RESULTS: Integrated Quality Management System

MOHESR (MOE) 2005
ISO and BSI 2008
CAA 2006
MeLO 2009
NQA 2014
ICDE Quality Network 2017

- ISO 9001:2015
- ISO 27001:2013
- ISO 22301:2012
- ISO 29990:2010
- ISO 14001:2004
- OHSAS 18001:2007

NORA 2015

REIMAGINE EDUCATION AWARDS 2016
HAMDAN BIN MOHAMMED SMART UNIVERSITY
WINNER

MIDDLE EAST

INTERNATIONAL COUNCIL FOR OPEN AND DISTANCE EDUCATION

REIMAGINE EDUCATION AWARDS 2015
WINNER
Middle East Regional Award
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FUELING INNOVATION

- Innovation Strategy
- Innovation Portfolio
- Innovation & Best Practice Lifecycle
- Innovation Lab II: From Ideation to Accelerators
- Innovation Lab for the Future of Smart Learning
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FUELING INNOVATION

From Ideation to Accelerators

IL 2016-17 Ideation
- Ideation
- Innovation Lab I

IL 2017-18 Accelerators
- Smartness
- Entrepreneurship & Innovation
- Innovation Lab II

Prototypes
- 2 Educational Prototypes

Research in Assignment
- Mind maps
- Professional Certification
- Flipped class
- Audio Feedback
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**FUELING INNOVATION**

<table>
<thead>
<tr>
<th>Programs</th>
<th>Teaching and Learning</th>
<th>Research</th>
<th>Capacity Building</th>
<th>Technology</th>
<th>Learners’ Services</th>
<th>Management</th>
<th>Business Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Business and Quality Management</td>
<td>Diploma of Business and Quality Management</td>
<td>Middle East Quality Association (MEQA)</td>
<td>Virtual Executive Club (VEC)</td>
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<td>e-Library</td>
<td>Supplier Performance Evaluation system</td>
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<td>Associate Contracting System</td>
<td>Building Individual Achievement in e-Learning Award</td>
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<td>PhD Healthcare Management</td>
<td>The Best Designed e-Learning Course Award</td>
<td>Hin3</td>
<td>Training AAA Model</td>
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- Master of Science in Entrepreneurial Leadership
- Master of Project Management
- Master of Science: Excellence in Environmental Management
- PhD Healthcare Management
- Master of Science in Interactive Educational Technologies
- Master of Arts in Online Curriculum and Instruction
- Master of Arts in Online Education Leadership and Management

**Teaching and Learning**
- Diploma of Business and Quality Management
- Tamkeen: Pedagogical Discourses and Tools to Empower Online Academics and Learners
- The Best Designed e-Learning Course Award
- Smart Learning Best Practice Award

**Research**
- Middle East Quality Association (MEQA)
- Middle East e-Learning Association (MEEA)
- Middle East Case Studies
- Distinctive Visiting Professor Program
- Workshops Series
- The Best Research Paper for e-Learning Implementation
- The Centre for Arabization and Program Integrity (CAPI)

**Capacity Building**
- 8 International Electronic Journals
- Policy and Strategy Roundtables
- Innovation Arabia
- Workshops Series
- The Best Research Paper for e-Learning Implementation
- The Centre for Arabization and Program Integrity (CAPI)

**Technology**
- Virtual Executive Club (VEC)
- Smart Campus
- SAWTI
- e-Campus
- e-Library

**Learners’ Services**
- Electronic Career Advising and Placement Services (e-CAPS)
- eCareer Fair
- Rudoof platform
- Integrated Cash Deposit Machine & Net Banking

**Management**
- Kano Medal for Excellence Catalyst
- Feigenbaum Leadership Excellence Award (FLEA)
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- Associate Contracting System
- Outstanding Individual Achievement in e-Learning Award
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**Business Development**
- Hamdan Bin Mohammed Social Smart Learning initiative (Cloud Campus)
- Dubai Center for Islamic Banking and Finance
- Launching Cloud Campus in Partnership with Starbucks
- Building Individual Achievement in e-Learning Award
- HBMSU Reward and Recognition Program

**Innovation**
- Harrington Best Thesis Awards
- Yoshio Kondo Research Prize
- Parasuraman Service Excellence Research Prize
- Masie e-Learning Research Grant
- Confi Research Prize for Systems Thinking and Organizational Capability
- The Best Research Paper for e-Learning Implementation
- The Centre for Arabization and Program Integrity (CAPI)
- Juran Chair

**Other**
- Middle East e-Learning Quality Framework (MeLQ)
- Purchasing automated system
- Local Programmer Initiative in cooperation with Microsoft
- Building Individual Achievement in e-Learning Award

**Education**
- Middle East e-Learning Quality Framework (MeLQ)
- Federated Search (One Point Search)
- Use of animated text labels to facilitate navigation in VLE
- Integrated Cash Deposit Machine & Net Banking
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Future Innovation Roadmap

001 Artificial Intelligence

002 Augmented Reality

003 Cloud Computing

004 Internet of Things

005 HBMSU on Cloud

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Future Innovation Roadmap

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