

โครงการประชุมสัมมนา “EdPEX in Action” ผ่านสื่ออิเล็กทรอนิกส์
กองยกระดับคุณภาพการจัดการศึกษาระดับอุดมศึกษา สป.อว.
5 มิถุนายน 2569



มหาวิทยาลัยมหิดล
Mahidol University

EdPEX for Organization Excellence: The Mahidol Experience

ศาสตราจารย์ ดร. ภก. สมภพ ประธานธรรารักษ์

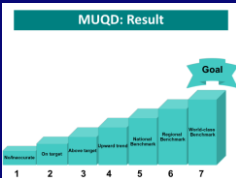
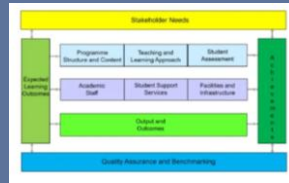
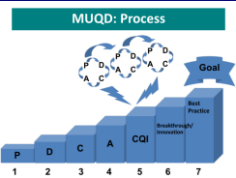
รองอธิการบดีฝ่ายแผนกลยุทธ์ พัฒนาคุณภาพ และพันธกิจเพื่อสังคม มหาวิทยาลัยมหิดล

Mahidol University's Quality Journey

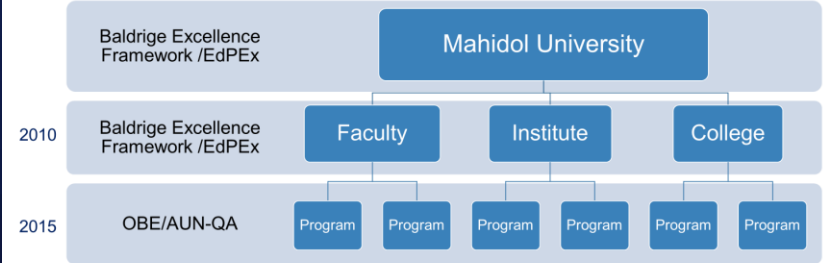
2004

2010

2015



Quality System as a tool for Driving the organization towards Excellence



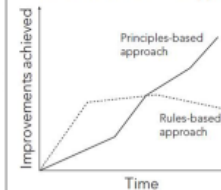
EdPEX: Education Criteria for Performance Excellence
 OBE: Outcome-based Education
 AUN-QA: ASEAN University Network Quality Assurance

Quality Assurance Approaches

Rules-based QA

Principles-based QA

Rates of quality improvement with principles-based versus rules-based approaches



Schematic representation of the slower onset but potentially more enduring gains in quality improvement arising from principles-based approaches, compared with the more rapid but plateauing (or even declining) gains from rules-based approaches.

Heywood LH. 2007. Principles-based accreditation: the way forward? MJA, 186, S31-2.

Mahidol University Landscape

Mahidol University originates from Thailand's first hospital, Siriraj Hospital, founded in 1888.



Prince Mahidol



16 Faculties 5 Colleges 9 Institutes

101 Undergraduate Programs

173 Master Programs, 101 Ph.D. Programs



23,424 Undergraduate Students

8,601 Postgraduate Students

Academic Staff 4,289 คน

Support Staff 35,037 คน

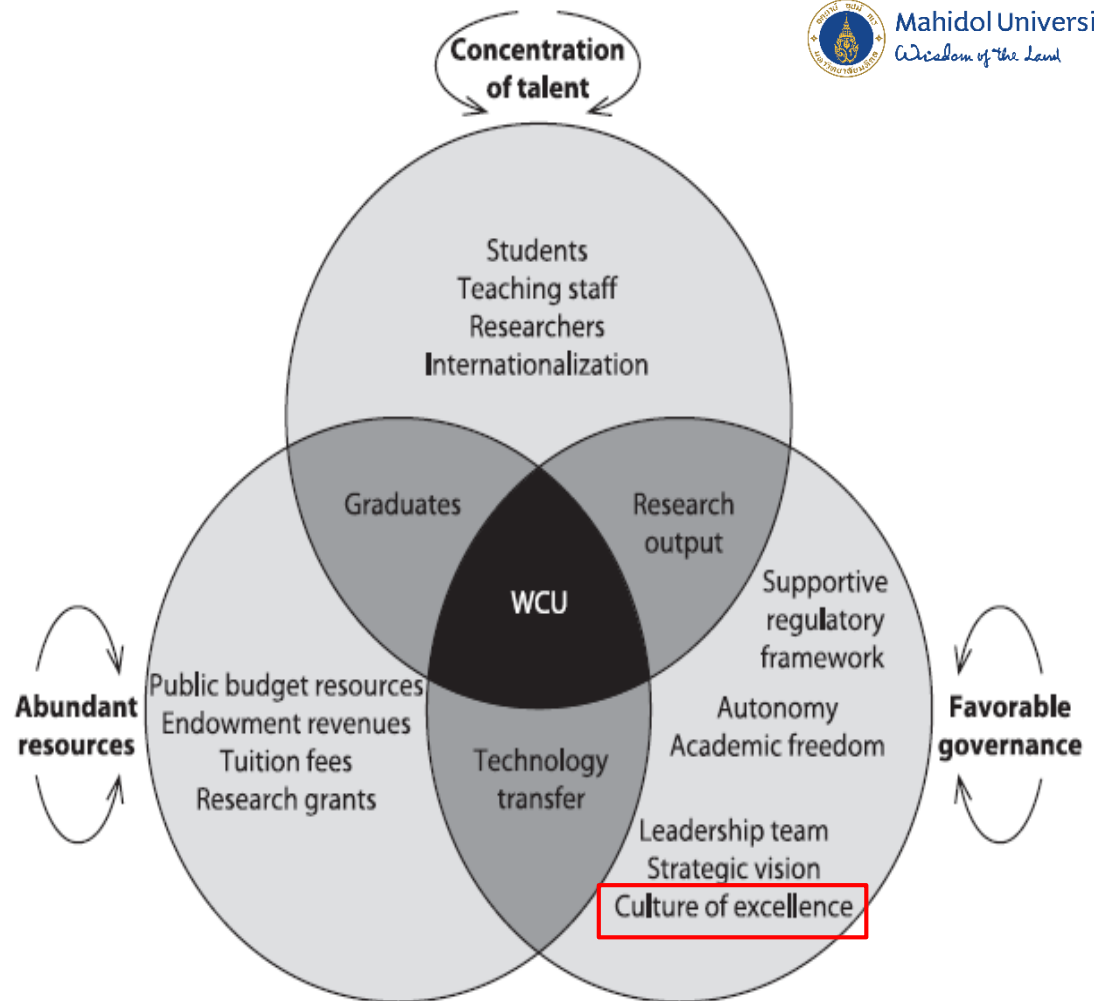


3 Campuses

- Kanchanaburi
- Nakonsawan
- Amnatchareon

MU Vision

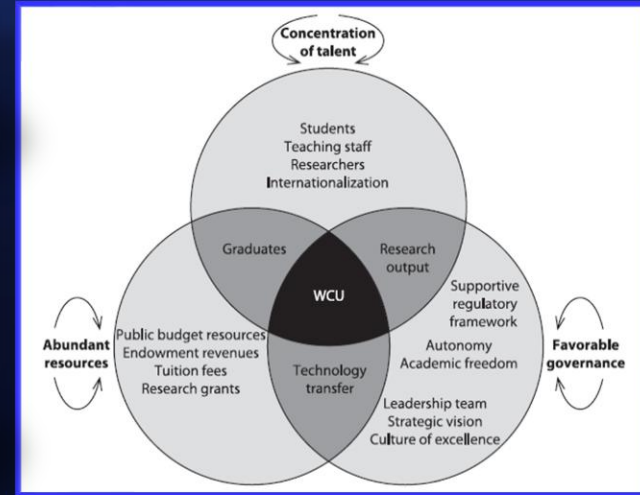
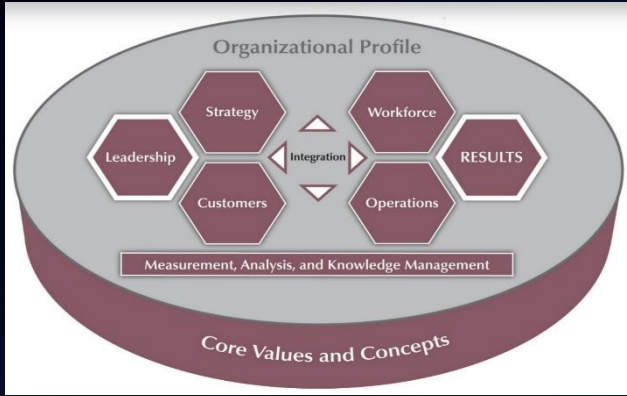
Mahidol University
is determined to be a
World Class University (WCU).



Source: Created by Jamil Salmi.

Salmi, J. 2009. The Challenge of Establishing World-Class Universities. Washington DC: The World Bank.

World-class University



Salmi, J. 2009. *The Challenge of Establishing World-Class Universities*. Washington DC: The World Bank.

- 24% accredited Programs
- 100% accredited "Health Science" Undergraduate Programs

Quality System

Internal Quality Assurance & External Quality Assurance

Quality Leaders

Quality Policy
Commitment
Communication

Quality Assessors

Competent evaluation of SAR
Integrity
Code of ethics and conduct
Quality ambassador

Quality Staff

Quality Mindset
Continuous Improvement
Practices

Quality Knowledge Management

Quality Culture

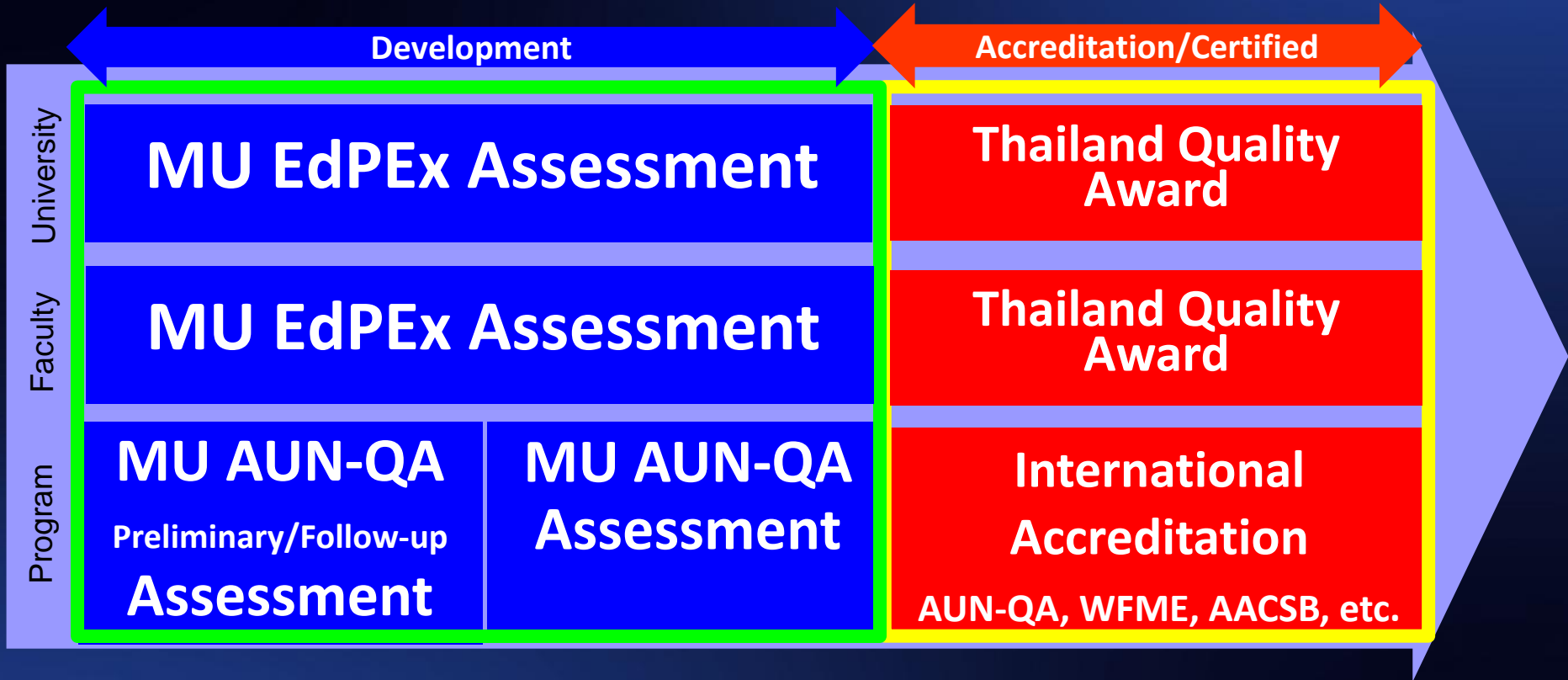
01

MU Quality System

- Quality Assurance Approaches
- MU Quality System: IQA&EQA
- MU-Quality Development Strategy
- Quality System Implementation



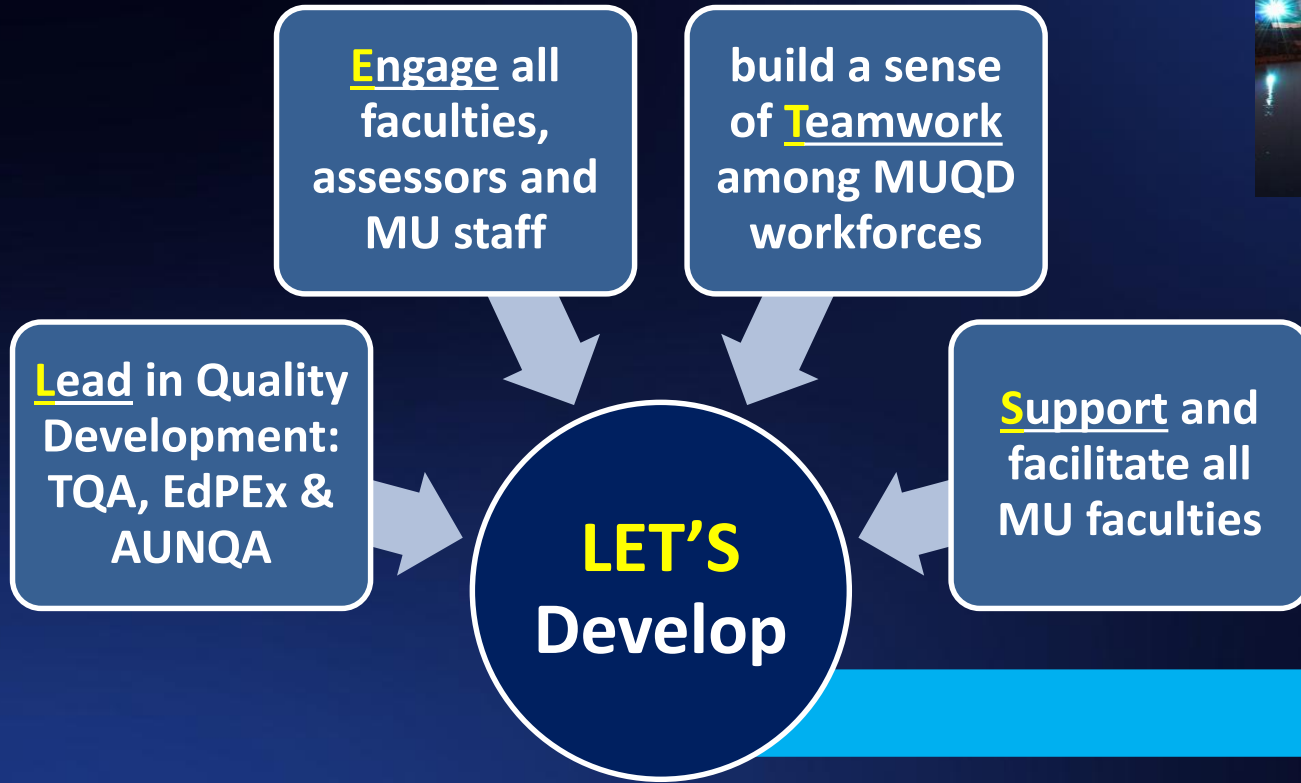
Internal & External Quality Assurance



Mahidol University
is determined to be a
World Class University (WCU).



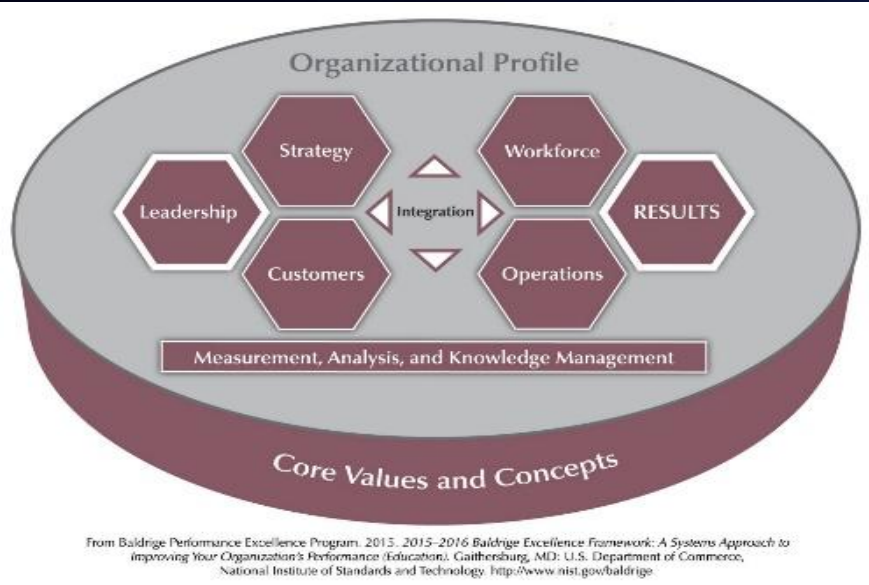
MU-Quality Development Strategy



Lead in Quality Development: EdPEX & AUNQA

EdPEX

AUN-QA



Stakeholders' Needs

| | | | | | |
|----------------------------|-------------------------|-------------------------------|------------------------------|-----------------------------|--------------|
| Expected Learning Outcomes | Programme Specification | Programme Structure & Content | Teaching & Learning Approach | Student Assessment | Achievements |
| | Academic Staff Quality | Support Staff Quality | Student Quality & Support | Facilities & Infrastructure | |
| | Quality Enhancement | | | | |
| Output | | | | | |

Quality Assurance and (Inter)national benchmarking



Engage all faculties, assessors and MU staff



Build a sense of **T**eamwork among MUQD workforces



Support and facilitate all MU faculties

- **Training:**

- EdPEX Criteria
- EdPEX for Staff & Executives
- EdPEX on Request
- MU EdPEX Assessor Training
- MU EdPEX Assessor Calibration
- MU EdPEX Consultant
- EdPEX SAR Writing Training

- AUN-QA Criteria
- AUN-QA for Staff & Executives
- AUN-QA on Request
- MU AUN-QA Assessor Training
- AUN-QA SAR Writing
- AUN-QA Clinic
- C2C for OBE Curriculum Redesign Project

- **Team: Item Experts, Consultants**

Tools: Management tools

Quality System Implementation

University
Council

University

Faculty

Department

Program

Understanding the Criteria

EdPEx
AUN-QA
C2C for OBE workshop
C2C for TQA workshop

Learning for development

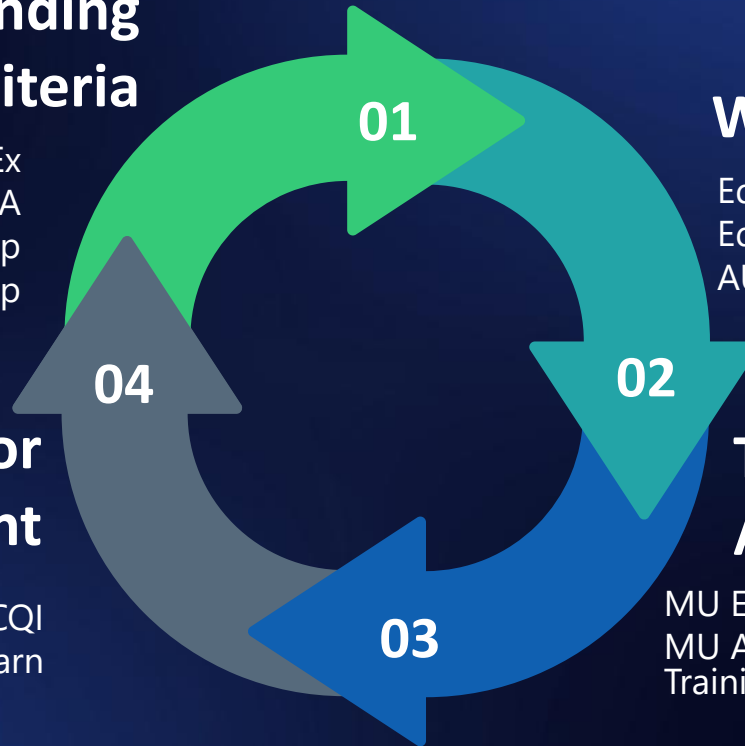
PDCA/CQI
Share & Learn

Writing SAR

EdPEx SAR Workshop
EdPEx Clinic Workshop
AUN-QA SAR Workshop

Training Assessors

MU EdPEx Assessor Training
MU AUN-QA Assessor
Training



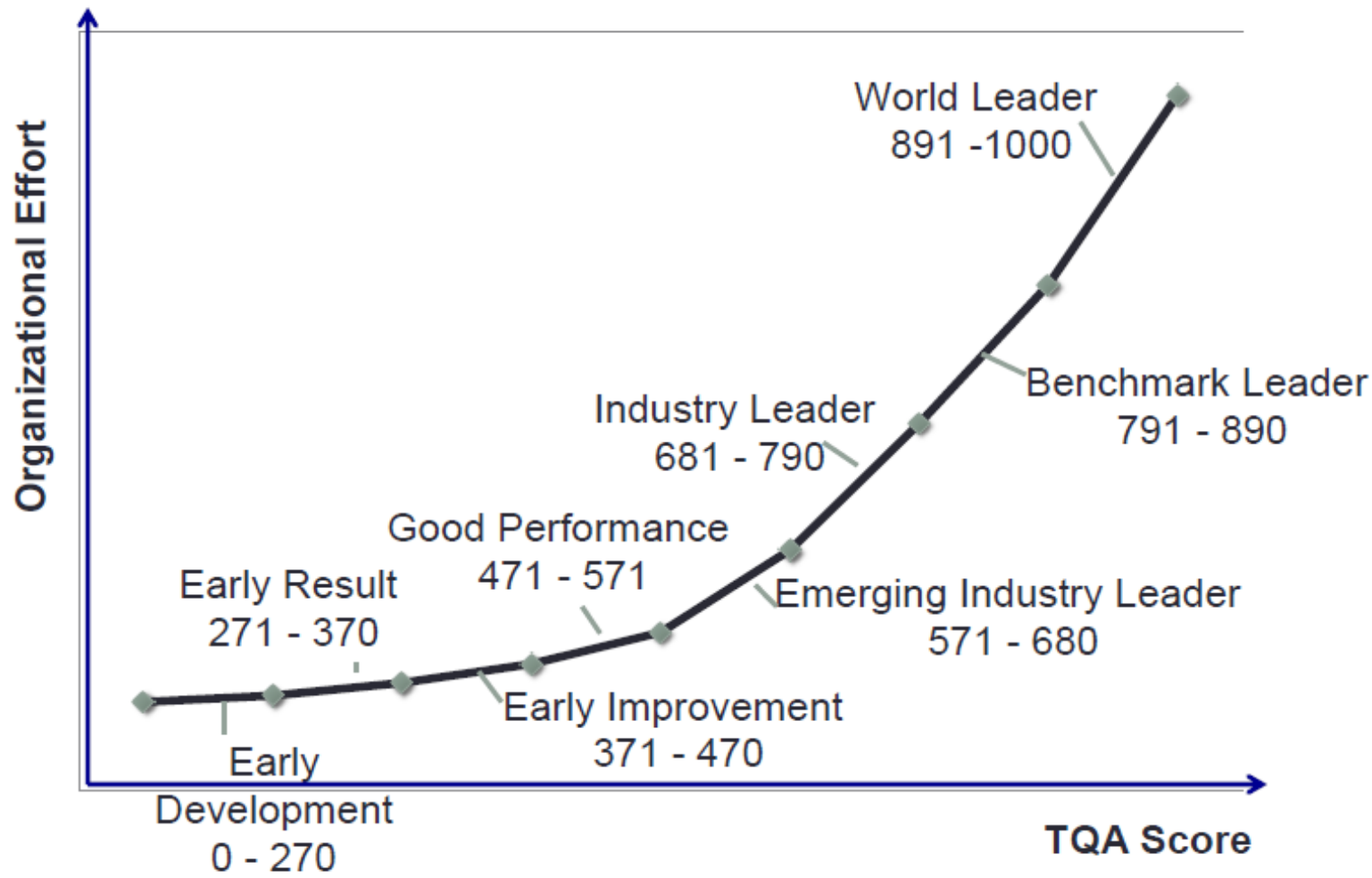
Why EdPEX?

- EdPEX is not another assessment system. But it is a framework that enables organizations to transform, innovate, and achieve sustainable excellence.

Based on:

- Systems thinking
- Organizational learning
- Integration
- Results

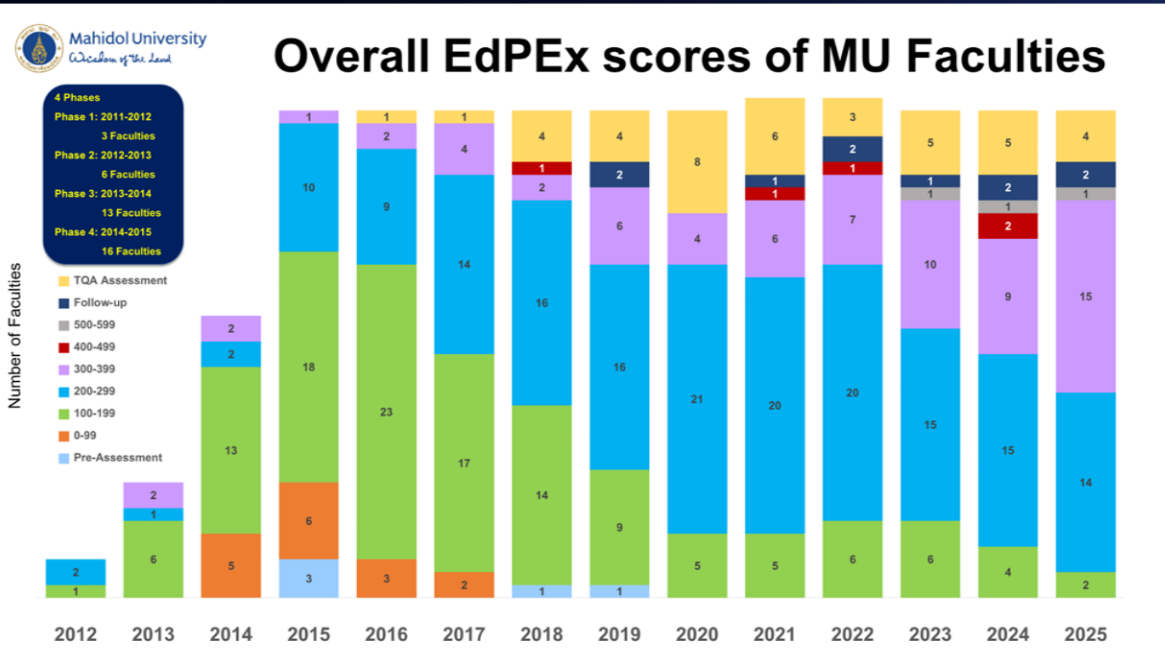




Internal Quality Assurance & External Quality Assurance

Development

Accreditation/Certified



THAILAND
QUALITY
AWARD



21 TQC and TQC+ Awards since 2016.

Mahidol University



THAILAND QUALITY CLASS
TQC 2019



THAILAND QUALITY CLASS
TQC 2021



THAILAND QUALITY CLASS
TQC+ 2022

**Faculty of Medicine
Ramathibodi Hospital**



THAILAND QUALITY CLASS
TQC 2019



THAILAND QUALITY CLASS
TQC+ 2021



THAILAND QUALITY CLASS
TQC+ 2023

Faculty of Nursing



THAILAND QUALITY CLASS
TQC 2020



THAILAND QUALITY CLASS
TQC 2022



THAILAND QUALITY CLASS
TQC 2024

**Faculty of Medicine
Siriraj Hospital**



THAILAND QUALITY CLASS
TQC 2016



THAILAND QUALITY CLASS
TQC+ 2020

**Faculty of Medical
Technology**



THAILAND QUALITY CLASS
TQC 2021



THAILAND QUALITY CLASS
TQC 2025

**Faculty of Tropical
Medicine**



THAILAND QUALITY CLASS
TQC 2023



THAILAND QUALITY CLASS
TQC 2025

Faculty of Dentistry



THAILAND QUALITY CLASS
TQC 2024

Faculty of Pharmacy



THAILAND QUALITY CLASS
TQC 2024

Faculty of Engineering



THAILAND QUALITY CLASS
TQC 2022

College of Music



THAILAND QUALITY CLASS
TQC 2025

+ 2
TQC
from
RFS

IQA at Program Level: AUN-QA

- AUN-QA: ASEAN University Network Quality Assurance
- Assessment:
 - MU-AUN-QA Preliminary/Follow-up Assessment (annually)
 - MU-AUN-QA Full Assessment (valid for 5 years)
- Assessor: Internal MU-AUNQA Assessor

Outcome-based education (OBE) Concept

Expected Learning Outcomes

Statements specifying what the learners will know and be able to do at the end of the programme.



Learning Activities

The teaching and learning methods which the teachers use to achieve each of the Learning Outcomes. Students will know exactly why they are being asked to engage in certain teaching and learning activities in their courses.

Assessments

An on-going process aims improving students' learning by measuring the learning outcomes they have achieved. Feedback will be given so that students know what they need to do in order to get better grades.

C2C (Commit to Change) for OBE Curriculum Redesign Project

Program
Recruitment &
Commit to
change

Workshop I
OBE
Implementation

Workshop II
Student
Assessment

Workshop III
Writing SAR

- Self-Assessing the OBE implementation
- How to approach teaching and learning and assessment schemes to aligning the ELOs
- Develop course learning outcomes (CLOs) and course syllabi

- Assessment for Student Learning: Developing a Scoring Rubrics

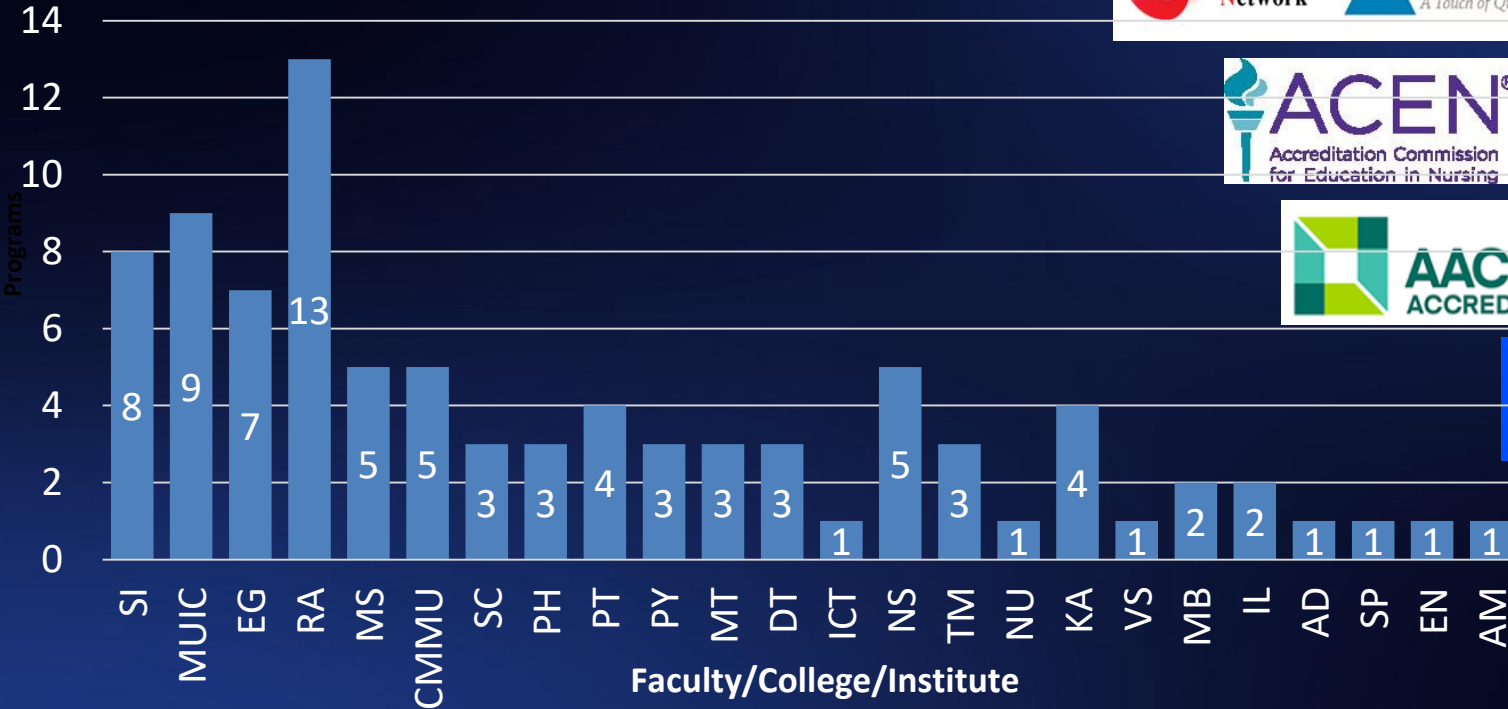
- Writing Self-Assessment Report (SAR)

Recruitment Policy: C2C participants

- Participant: 2 executives (Deputy Dean and Program Chair) and 5 Academic Staff/program
- Participation: at least 4 participants/program should be attended.

89

International Accreditation Certificates since 2018 Programs from 24 Faculties and Colleges



78 currently International Accredited Programs

| Accreditations | Educational Programs | | | |
|--|----------------------|----------------|-----------|-----------|
| | Total | Under-graduate | Master | Ph.D. |
| Total Accreditations | 78 | 43 | 25 | 10 |
| •ASEAN University Network Quality Assurance (AUN-QA) | 40 | 20 | 14 | 6 |
| •Other International Accreditations | 38 | 23 | 11 | 4 |
| 1. Association to Advance Collegiate Schools of Business (AACSB) | 9 | 4 | 3 | 2 |
| 2. Accreditation Board for Engineering and Technology (ABET) | 7 | 7 | - | - |
| 3. Accreditation Commission for Education in Nursing (ACEN) | 7 | 1 | 6 | - |
| 4. The Institute and Faculty of Actuaries (IFoA) | 1 | 1 | - | - |
| 5. International Society of Prosthetics and Orthotics (ISPO) | 3 | 3 | - | - |
| 6. Music Quality Enhancement (MusiQuE) | 5 | 1 | 2 | 2 |
| 7. Quality Assurance for Tourism Education, Training and Research Programs (UNWTO.TedQual) | 1 | 1 | - | - |
| 8. World Federation for Medical Education (WFME) | 3 | 3 | - | - |
| 9. World Federation of Occupational Therapists (WFOT) | 1 | 1 | - | - |
| 10. World Physiotherapy (WPT) | 1 | 1 | - | - |

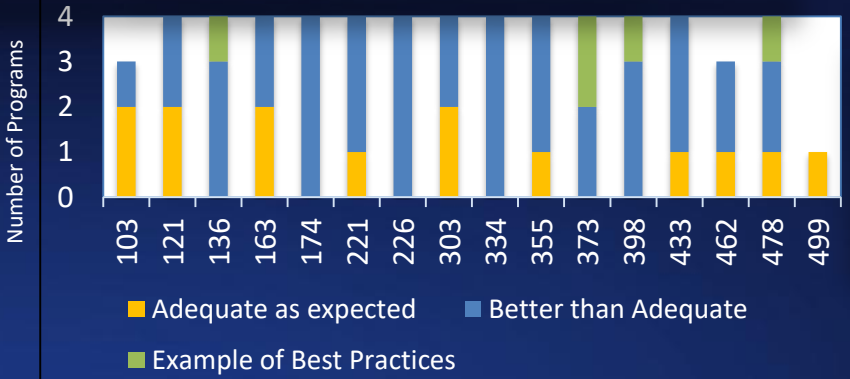
4 "Example of Best Practices" from AUN-QA

| Rating | Description |
|--------|---|
| 1 | Absolutely Inadequate The QA practice to fulfill the criterion is not implemented. There are no plans, documents, evidences or results available. |
| 2 | Inadequate and Improvement is Necessary The QA practice to fulfill the criterion at planning stage or is inadequate where improvement is necessary. Little documents or evidence available. |
| 3 | Inadequate but Minor Improvement Will Make It Adequate The QA practice fulfill the criterion is defined and implemented but need minor improvement. Documents available but no clear evidence of use. |
| 4 | Adequate as Expected The QA practice to fulfill the criterion is adequate and evidences to show. Performance of the QA practice shows consistent results as expected. |
| 5 | Better Than Adequate The QA practice to fulfill the criterion is better than adequate. Evidences support that it has been efficiently implemented . |
| 6 | Example of Best Practices The QA practice to fulfill the criterion is example of best practices in the field. Evidences support that it has been effectively implemented . |
| 7 | Excellent (Example of World-class or Leading Practices) The QA practice to fulfill the criterion is considered to be excellent, world-class practices in the field. Evidences of innovative implementation . |

- Bachelor of Science in Information and Communication Technology (International Program)
Faculty of Information and Communication Technology
- Doctor of Dental Surgery (International Program)
Faculty of Dentistry
- Bachelor of Science in Information and Communication Technology (International Program)
Faculty of Information and Communication Technology
- Master of Science in Orthodontics (International Program)
Faculty of Dentistry
- Doctor of Dental Surgery, Faculty of Dentistry



Overall ratings of MU Programs certified by AUN-QA



02

Quality Leaders

- Quality Policy
- Leadership commitment
- Strategic alignment
- Shared vision
- Communication
- Capacity Building: AMP, EDP, SUP





**Prof. Banchong
Mahaisavariya, Former
President of Mahidol
University**



**Prof. Prasit Watanapa,
Former Dean of Faculty of
Medicine Siriraj Hospital**



**Prof. Piyamitr Sritara,
President of Mahidol
University**





4 strategy WHERE-TO-PLAY

- S1** Global Research and Innovation
- S2** Innovative Education and Authentic Learning
- S3** Policy Advocacy, Leaders in Professional / Academic Service & Excellence in Capacity Building for SDG
- S4** Management innovation for sustainability

3A HOW-TO-WIN

- A1** Synergy Research
- A2** Empowering Learners
- A3** Amplifying Operations

Cr. Piyamitr Sritara

World-class University

Baldridge Excellence Framework / EdPEX

Salmi, J. 2009. The Challenge of Establishing World-Class Universities. Washington DC: The World Bank.

- 24% accredited Programs
- 100% accredited "Health Science" Undergraduate Programs

6 winners in 2567, 12 winners in 2571

12 เพิ่ม TQC WINNERS & 37 ส่วนงาน (100%) นำกรอบมาประยุกต์ใช้

AMPLIFYING TO SUCCESS

03

Quality Assessors

- Competent evaluation of SAR
- Integrity
- Code of ethics and conduct
- Quality ambassador

04

Quality Staff

- Quality Mindset
- Continuous Improvement Practices



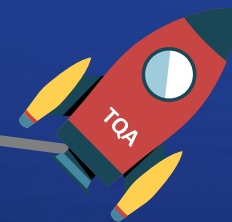
- MU EdPEx & AUN-QA Assessor training
- Assessor Calibration
- On the Job training



MU-EdPEX Assessor Lifecycle

MU EdPEX Assessor Calibration

MU EdPEX Assessment



MU EdPEX Assessor Training

EdPEX Criteria Training



EdPEX Criteria Training #23: 8-10 Jan. 2025



EdPEX Criteria Training #24 19-21 Feb. 2025



MU EdPEX Assessor Training #13 12-14 March 2025



MU EdPEX Assessor Calibration 27-28 March 2025



- Faculty of Tropical Medicine
- Faculty of Medical Technology
- Faculty of Social Sciences and Humanities
- MU International College
- College of Music

World Class University

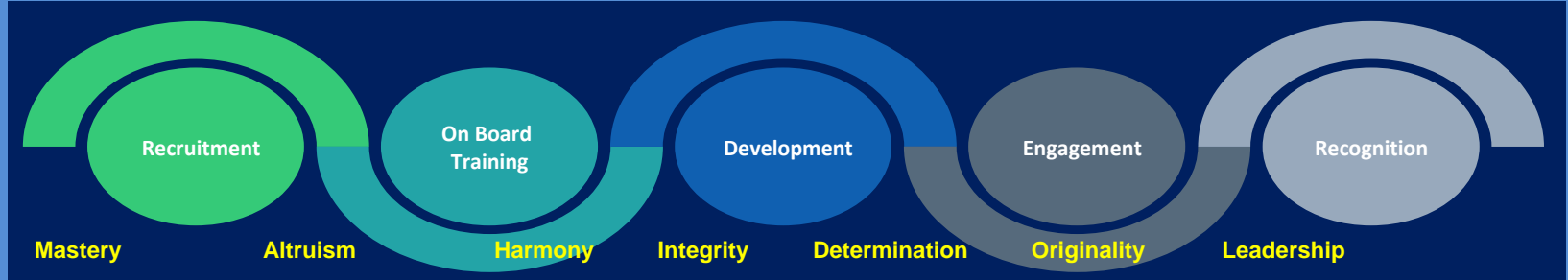
Leadership & Strategy

| Mission | | | | | Value Proposition, Strategy |
|------------|-----------|----------|-----------|--------|-----------------------------|
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
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| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |
| Leadership | Academics | Research | Community | Global | Value Proposition, Strategy |

Operations

**Education
Research
Service**

**Students
Funding Agencies
Clients**



Measurement & Analysis & Improvement

05

Quality Knowledge Management

KM is a tool to achieve business objectives better and faster through an integrated set of initiatives, system and behavioral interventions.

Hariharan, A. 2015. The strategic knowledge management handbook. Milwaukee: ASQ Quality Press.



MU Knowledge Management Strategy



MU aims to be a learning organization.

1

Provide a Knowledge Asset Management System

2

Prepare “Facilitators” for Knowledge Management

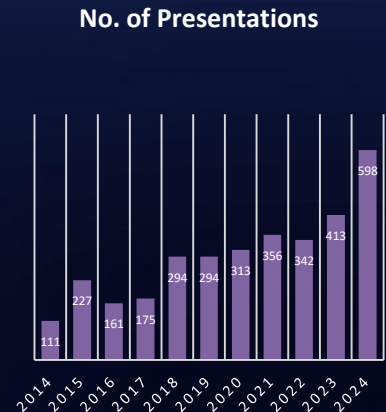
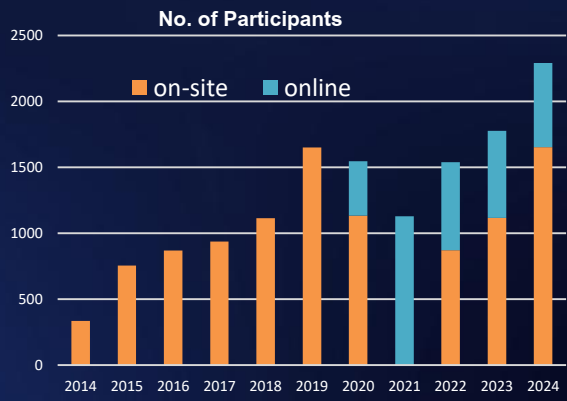
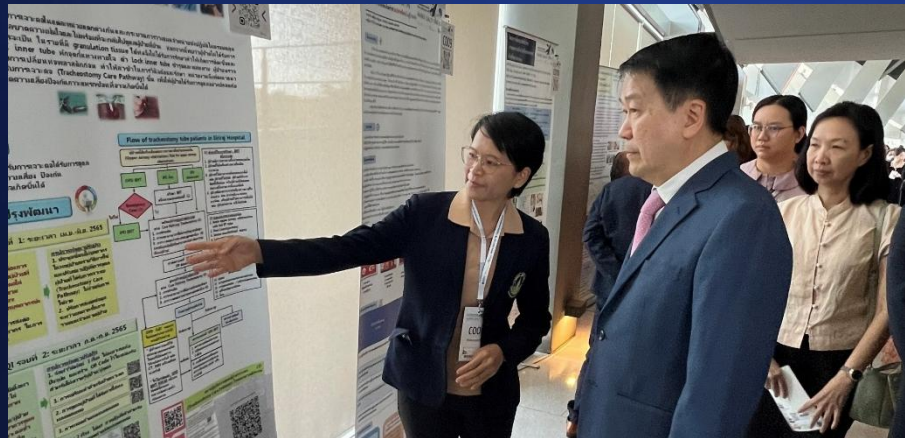
3

Promote KM among MU staff

4

Set up Platforms for Knowledge sharing

Mahidol Quality Fair: a platform for organizational knowledge sharing



Poster Round Session



- 2016 Managing Knowledge – Creating Quality
- 2017 Maximizing Value – Minimizing Waste
- 2018 Valuing People
- 2019 Innovative Organization
- 2020 Agile Organization
- 2021 Mahidol Culture: M-A-H-I-D-O-L
- 2022 Good Governance in Digital Era
- 2023 10 Years of Quality Fair: Towards the SDGs
- 2024 Operations towards Sustainability
- 2025 AI in Operations
- 2026 Future-Ready University: Managing for Resilience

Operations Towards Sustainability

ขับเคลื่อนระบบปฏิบัติการมุ่งสู่ความยั่งยืน



มหาวิทยาลัยมหิดล
Mahidol University
Graduate of the Year



ปัญญา महิดล
คุณภาพคน คุณภาพงาน

MAHIDOL QUALITY FAIR 2024

November 26, 2024



PRINCE MAHIDOL HALL



Mahidol University
Digital KM Masterclass



Share & Learn Activities

มหาวิทยาลัยมหิดล
Mahidol University
The Wisdom of the Land

ขอเชิญรับชมการเสวนาออนไลน์
MUQD Webinar ครั้งที่พิเศษ

การรับรองหลักสูตรกายภาพบำบัด

โดย  **World Physiotherapy**

16 มิถุนายน 2566
เวลา 09.00 - 11.00 น

 **LIVE** facebook.com/MahidolQD

ผู้ร่วมเสวนา

**ศาสตราจารย์ ดร. กศ. ประวีตร เจมววรรณะกุล**
นายกสภาศึกษาน้ำบืด

**รองศาสตราจารย์ ดร. กศ. จารุกุล ตรีไตรลักษณ์**
คณบดีคณะกายภาพบำบัด มหาวิทยาลัยมหิดล

**ผู้ช่วยศาสตราจารย์ ดร. กศ. จิตพร สุทธิวงษ์**
หลักสูตรวิทยาศาสตรบัณฑิต สาขาวิชากายภาพบำบัด คณะกายภาพบำบัด มหาวิทยาลัยมหิดล

**รองศาสตราจารย์ ดร. กศ. ชุติมา ชลายนเดชะ**
ผู้ช่วยคณบดีฝ่ายการศึกษา คณะกายภาพบำบัด มหาวิทยาลัยมหิดล

**อาจารย์ ดร. ระพี บุญเปลื้อง**
หัวหน้าภาควิชาชีววิทยา คณะวิทยาศาสตร์ มหาวิทยาลัยมหิดล **ดำเนินรายการ**



save the date



SCAN ME



Mahidol QD Champion Forum, 19 March 2025



Mahidol QD Champion Forum, 4 June 2026



**AUN-QA International Conference
2024 @ Ton Duc Thang University,
Vietnam, 11-12 December 2024**



**IQA Workshop Implementation for the
sustained future of ASEAN Higher
Education @ University of Economics Ho
Chi Minh City, Vietnam, 18-19 August 2025**

**AUN-QA
IQA Management
Toolkit**
Version 1.3

Available Now

ASEAN University Network
(AUN) Secretariat



**AUN-QA International
Conference 2025 @ Universiti
Malaya, Malaysia, 5-6
November 2025**



Speakers

Dr. Karen Treloar
Director, Karen Treloar Consulting

Assoc. Prof. Sompop Prathanturug
Vice President for Quality Development and
Social Engagement, Mahidol University

Prof. Clarita D. Carillo, PhD
Assistant to the Rector for Planning and
Quality Management, University of Santo
Tomas

Prof. Reini Wirahadikusumah
Rector, Institut Teknologi Bandung

Moderator

Dr. Milabel E. Ho
Executive Director, The Accrediting Agency of
Chartered Colleges and Universities in the
Philippines (AACCU)

**Session 6:
Strategies for Future-Proofing Quality Culture
in ASEAN Higher Education**



Digital KM Masterclass: Learning from MU best practices

NEW STAFF MUST KNOW

MAHIDOL CULTURE
วัฒนธรรมมหิดล



ศ.คลินิกเกียรติคุณ นพ.ปิยะสกล สกลสัตยาทร
นายกสภามหาวิทยาลัยมหิดล

MU Activity
MUQD Webinar series 2

Achieving eXcellence

หัวใจของ "ความเป็นครู"

วันพฤหัสบดี
10 มีนาคม 2565

13:30 - 15:00 น.



ศ.คลินิกเกียรติคุณ
นพ.อุดม คชินทร
ครูแพทย์แห่งชาติ ประจำปี 2564

เรียนรู้
แนวคิด x แนวทาง x เคล็ดลับ
กระบวนการทำงานของ
ผู้นำองค์กร
ที่มีการดำเนินการที่ เป็นระบบ = ผลลัพธ์ที่ดี

1st ผู้นำการสื่อสาร
การจัดการในภาวะวิกฤต
วันพฤหัสบดีที่ 28 ตุลาคม 2564
13.00 - 15.30 น.

ติดตามเดือน
ตุลาคม-ธันวาคม 2564
ผ่าน Cisco Webex

ศ. นพ.ปิยะสกล สกลสัตยาทร
นายกสภามหาวิทยาลัยมหิดล

ศ. ดร. อธิชาต บุญบงกช
รองอธิการบดีฝ่ายบริหาร
มหาวิทยาลัยมหิดล

รศ. พญ. ปิยะมาศ สมบูรณ์
ผู้อำนวยการศูนย์
พัฒนาระบบงาน
มหาวิทยาลัยมหิดล

ติดตามรายละเอียดเพิ่มเติมได้ที่
<https://bit.ly/3tW8EDu>

สำหรับประชาชนมหิดลเท่านั้น !!

Mahidol University, Division of Quality Development
<https://op.mahidol.ac.th/qd>
Tel. +66 2849 40591 4042-5 Fax +66 2849 4041

Best Practice

ทีมพยาบาลช่วยฟื้นคืนชีพ

Team Good Practice Award / 2561

Expertise Sharing

ครั้งที่ 2 "Patent search & Mapping ก็นทราบ..."

Webinar: Medical Devices

E-LEARNING

หมวด 6 การปฏิบัติกร

EdPEX / Criteria / หมวด 6 ทรนบุรี/01

| Rank | Module | View |
|------|--|--------|
| 1 | MUHR New staff Must know | 74,153 |
| 2 | EdPEX Criteria | 39,714 |
| 3 | PDPA (Personal Data Protection Act) for MU staff | 13,008 |
| 4 | How to Write Course Learning Outcome | 5,458 |
| 5 | Webinar Series 1 | 2,874 |

E-learning

MUHR New staff Must know






06

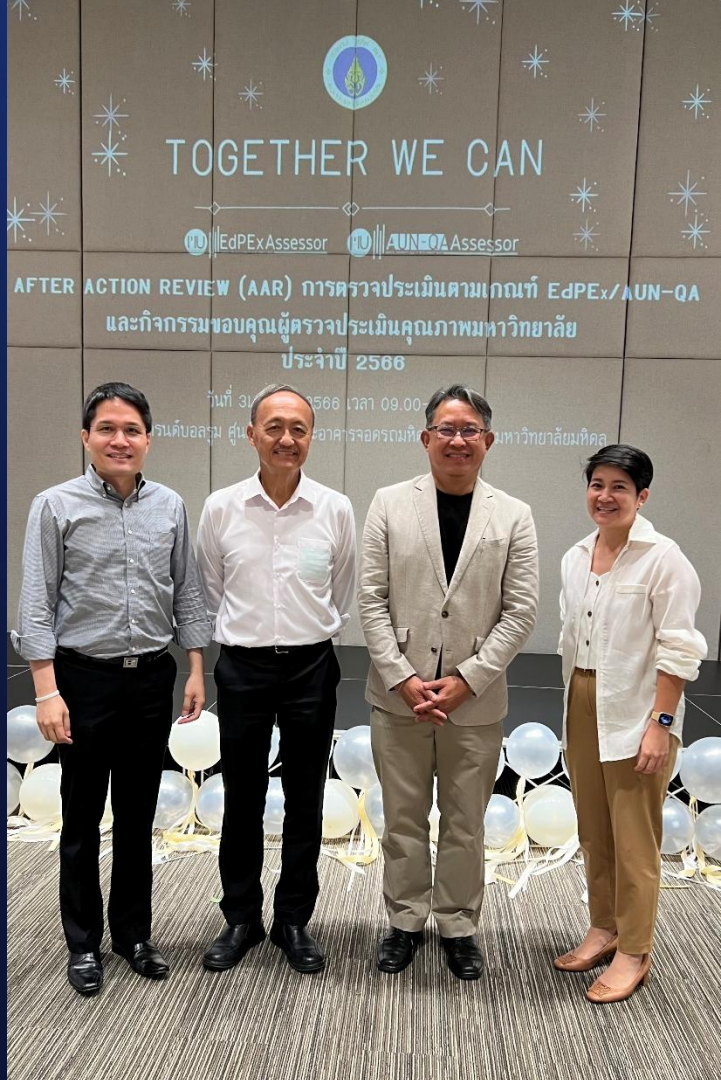
Quality Culture

Quality comes not from inspection,
but from improvement of the
production process.

W. Edwards Deming

Quality is not an act, it is a habit.

Aristotle



Building a Culture of Continuous Improvement and Excellence



| Continuous Improvement | Culture of Excellence |
|--------------------------|------------------------------|
| PDCA as a daily practice | Excellence as a shared value |
| Data-informed decisions | Innovation and learning |
| Faculty engagement | Collective ownership |
| Staff empowerment | Exceeding expectations |



THE World University Rankings 2026 by Subject

MAHIDOL UNIVERSITY
MEDICAL AND HEALTH



#1
IN THAILAND
TOP 5
IN SOUTHEAST ASIA
9 YEARS IN A ROW
(RANKING EDITION 2018-2026)

3 GOOD HEALTH AND WELL-BEING

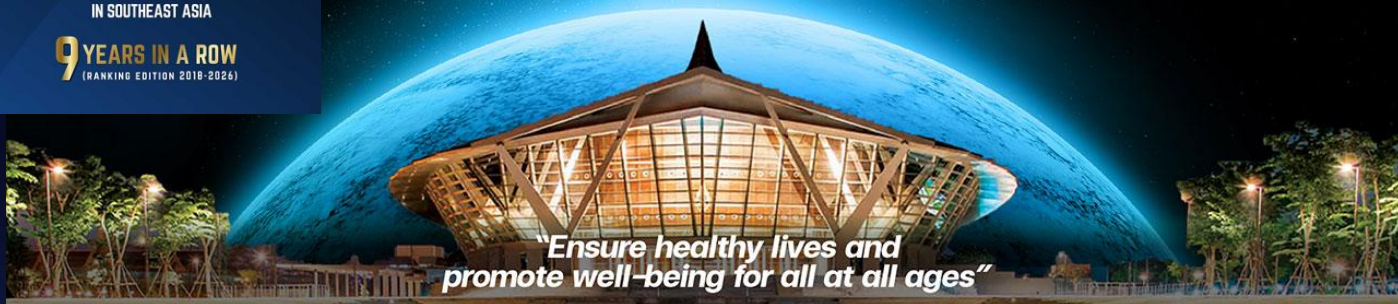


#3

IN THE WORLD
YEARS IN A ROW



Times Higher Education
Impact Rankings 2025



"Ensure healthy lives and promote well-being for all at all ages"

MAHIDOL UNIVERSITY
RANKED **NO.1**
IN THAILAND
QS WORLD UNIVERSITY RANKING by subjects 2026

Excellence Across Disciplines

#35
MUSIC



Broad Subject
ARTS & HUMANITIES

#142
SPORTS-RELATED SUBJECTS



Broad Subject
SOCIAL SCIENCES & MANAGEMENT

| | | |
|--|-------------------------------------|--------------------|
| | LIFE SCIENCES & MEDICINE | Broad Subject #113 |
| | VETERINARY SCIENCE | #63 |
| | NURSING | #78 |
| | PHARMACY & PHARMACOLOGY | #96 |
| | MEDICINE | #133 |
| | BIOLOGY | #240 |
| | ANATOMY | #260 |



HEALTHY UNIVERSITY RATING SYSTEM (HURS) 2025

MAHIDOL UNIVERSITY

AWARDED A **5-STAR RATING** FOR TWO CONSECUTIVE YEARS



Congratulations



Key Success Factors

- Mahidol University Council established a clear Policy on Quality Development.
- MU has strategic implemented the Quality Development system throughout the University.
- High level Executives have communicated to all University staff.
- The Quality Development System has been established including criteria, SAR writing, and assessor trainings, Assessment System, Share and Learn activities, MU Quality Fair, etc.
- MU has supported a number of staff to be TQA/AUN-QA Assessors, those can help the university to set up and enhance the QD System.
- MU Assessor Training System has been well developed.

University
Council

University

Faculty

Department

Program

The MUQD system

1

enables the university to continuously improve its organization and educational programs,

2

ensures the quality of its core business processes, i.e., education, research, and academic services,

3

promotes international recognition in term of increasing numbers of internationally accredited programs.



Q

&

A