



# **Implementation of OBE – Mapping of Outcomes**

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# RECALL...

....the 5-Stage implementation of the OBE curriculum

# Stage I

- Understanding The Big Picture
  - Main aim is to achieve CQI: both the inner loop and outer loop

# Stage II

- Setting Objectives and Outcomes
- Identifying Domains & Taxonomies

# Stage III

- Setting of Objectives and Outcomes
- Mapping of PEO-PO
- Mapping of Courses-PO
- Mapping of CO-PO

# Stage IV

- Delivery of OBE Courses
- Assessment of OBE Courses
  - Assignment/Projects
  - Tests/Exams : Examination Specification Table

# Stage V

- Closing the inner loop
- Closing the outer loop

# Workshop focus - Stage III

- CLASSIFYING PO IN DOMAINS
- Mapping of PO – MQA (ALD)
- Mapping of PO – MOHE (LOKI)
- Mapping of CO-PO
- Mapping of LO-CO
- The EST – Taxonomy levels



# CLASSIFYING PO IN DOMAINS

## Task 1

- Classify the given POs into the 3 major domains (C, P, A).
- What will be the implication of this classification
- All POs will involve all three domains, choose the most dominant.

# Mapping of PO – MQA (ALD)

## Task 2

- Map the given POs against the MQA ALDs
- All MQA ALDs must be addressed by at least one of the POs.
- Can more than one PO address one MQA ALDs?

# Mapping of PO – MOHE (LOKI)

## Task 3

- Map the given POs against MOHE (LOKI)
- Can the various levels of achievement be indicated in this mapping?
- Can the amount of emphasis be shown in this mapping?

# Mapping of CO-PO

## Task 4

- For the syllabus provided, revise the CO-PO matrix.

# The EST – Taxonomy levels

Understanding the EST

# Discussion Session

# Thank You...

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# Concluding Remarks

- Important for to understand and appreciate how these mappings are done and what are their significance
- MORE important to understand these mappings and relate them to delivery methods
- MOST important for ALL (including IHLs) to understand that there are many methods (delivery and assessment) to achieve the outcomes



# Abbreviation

PO	: Programme Outcomes
CQI	: Continual Quality Improvement
OBE	: Outcome Based Education
PEO	: Programme Educational Objectives
CO	: Course Outcomes
ALD	: Academic Learning Domains
LOKI	: Learning Outcomes ( <i>Kemahiran Insaniah</i> ) MOHE Soft Skills
EST	: Examination Specification Table
MOHE	: Ministry of Higher Education
MQA	: Malaysian Qualifications Agency
LO	: Learning Outcomes
C, P, A	: Cognitive, Psychomotor, Affective
IHL	: Institutions of Higher Learning
AL	: Active Learning
CL	: Collaborative Learning