

MODULE EDUCATOR 5.0

# Innovative Assessment for Higher Education

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Institute of Leadership and Development (ILD)  
Universiti Teknologi MARA

**2019/2020**

Course Duration : 2 days (12 Hours)

Who Should Attend : Academician

Approach : Interactive Lecture, Case Study and Hand-ons



# Profile

Holding a Phd in Education (Information Technology and Resource) and Master in Educational Technology. His areas of expertise in curriculum, e-Portfolio/alternative assessment, learning and predictive analysis. Now, he is a Head of Assessment and Evaluation in Universiti Teknologi MARA. He actively engaged with KPM, KPT, Apple.Inc, MDEC, IBM, HP, Dreamcatcher, public and private universities for research and consultation for digital maker talent and innovation initiative



Associate Professor Ts. Dr. Syamsul Nor Azlan Bin Mohamad  
Faculty of Education, UiTM Puncak Alam

Head of Assessment & Evaluation  
Curriculum Affairs Unit, Academic Affairs Division  
Universiti Teknologi MARA





# Synopsis

Assessment is a ways in measuring student knowledge, skills and abilities and has it potential to change how we measure learning and delivery. The participants will be expose with type of assessment that constructively aligned with the learning outcome, delivery and activities

Upon completion of the program, the participants will be able to:

1. Discuss the dimension of assessment, evaluation and measurement in higher education.
2. Define the roles of innovative and alternative assessment in measuring student knowledge, skills and abilities.
3. Discuss the implementation, issues and challenges in teaching and learning.

# Workshop Itinerary

INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

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| <b>DAY 1</b>               | <b>Activities</b>  |
|----------------------------|--|
| <b>8.00 AM - 8.30 AM</b>   | <b>Registration, Welcoming Notes</b>   |
| <b>8.45 AM - 10.00 AM</b>  | <b>Future Education, SCL &amp; Disruptive in Education<br/>Forging Ahead Assessment<br/>Definition and Dimension of Assessment</b> |
| <b>10.30 AM - 11.00 AM</b> | <b>Break / Tea Time</b>  |
| <b>11.00 AM - 1.00 PM</b>  | <b>State, Purpose and Values of Assessment</b>   |
| <b>1.00 PM - 2.00 PM</b>   | <b>BREAK / SOLAT / LUNCH</b>   |
| <b>2.00 PM - 4.30PM</b>    | <b>Summative and Formative Assessment<br/>Alternative Assessment Initiatives @UiTM</b>   |
| <b>4.30 PM - 8.00 PM</b>   | <b>BREAK / SOLAT / LUNCH</b>   |
| <b>8.00 PM - 10.30 PM</b>  | <b>Categories of Alternative Assessment<br/>Implementation of Alternative Assessment</b>   |

| <b>DAY 2</b>               | <b>Activities</b>                                       |
|----------------------------|---|
| <b>8.00 AM - 8.30 AM</b>   | <b>Reflection</b>                                       |
| <b>8.45 AM - 10.00 AM</b>  | <b>High Impact Educational Practices</b>                |
| <b>10.30 AM - 11.00 AM</b> | <b>Break / Tea Time</b>                                 |
| <b>11.00 AM - 1.00 PM</b>  | <b>Developing a Rubric<br/>Forging Ahead Assessment</b> |
| <b>1.00 PM - 2.00 PM</b>   | <b>BREAK / SOLAT / LUNCH</b>                            |

# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time    | Activities                       | CLO                                | Context  | Apps                 | Activities   |
|---------|----------------------------------|------------------------------------|--|----------------------|--|
| 8.30 AM | Introduction                     | Learning Outcome & Expectation.    |  |                      |  |
| 8.45 AM | Ice-Breaking                     | Contextual Learning and Reflection | Future Education                               | Padlet & Native Apps | <p><b>In Class Activity</b><br/>The participants are give the padlet QR code and links</p> <ol style="list-style-type: none"> <li>1. Introduction Yourself (Name, Position, Faculty, Field of Expertise &amp; Self Photo.</li> <li>2. Upload through Padlet</li> <li>3. Fill up Self Evaluation Survey (ENTRANCE SURVEY)</li> </ol> <p><b>Ice Breaking Session</b><br/>Show a youtube video from Peter Fisk entitled Future Education (<a href="https://youtu.be/R_0TRRgtH8">https://youtu.be/R_0TRRgtH8</a>)</p> <p>The participants reflect and share their thought.</p> |
| 9.00 AM | Interactive Lecture (30 minutes) | Contextual Learning and Reflection | SCL, Future Skillset & Disruptive in Education | Padlet & Native Apps | <p><b>Interactive Lecture</b><br/>Teaching Approach: Eclectic Approach<br/>Teaching Strategies: Challenge-based Learning</p> <p><b>Keynote : Note and Sample Taxonomy of Learning : Marzano and Kendall / process oriented / Scenario-based</b></p>  |

# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time     | Activities          | CLO  | Context   | Apps                 | Activities   |
|----------|---------------------|--|---|----------------------|--|
| 9.45 AM  | Interactive Lecture | Contextual Learning and Reflection   | SCL, Future Skillset & Disruptive in Education  | Padlet & Native Apps | In Class Activity<br>Question:<br>1. Why student FAIL?<br>2. Think back to when you were a student. What two strategies the teacher/instructor/professor used to help you learn?   |
| 9.45 AM  | Interactive Lecture | Contextual Learning and Reflection   | Education 5.0 @UiTM (Pillar 2 Innovative Delivery & Assessment)<br><br>Forging Ahead with Forward Thinking Assessment | Padlet & Native Apps | In Class Activity<br>Question:<br>1. Discuss about student centered approach in learning.<br>2. Discuss about forward thinking assessment that relate to Education 5.0@UiTM  |
| 10.00 AM | Interactive Lecture | Discuss the definition and dimension of assessment, evaluation and measurement in higher education | Definition and Dimension of Assessment  | Padlet & Native Apps | Interactive Lecture<br>Teaching Approach: Eclectic Approach<br>Teaching Strategies: Challenge-based Learning<br><br>Keynote : Note and Sample Taxonomy of Learning : Marzano and Kendall / process oriented / Scenario-based |

# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time     | Activities                 | CLO   | Context  | Apps                            | Activities   |
|----------|----------------------------|---|--|---------------------------------|--|
| 10.30 AM | <b>BREAK</b>               |   |  |                                 |  |
| 11.00 AM | <b>Interactive Lecture</b> | <b>Discuss the definition and dimension of assessment, evaluation and measurement in higher education</b> | <ol style="list-style-type: none"> <li>1. <b>Concept of Assessment &amp; Evaluation</b></li> <li>2. <b>Definition and Dimension of Assessment</b></li> <li>3. <b>The State of Assessment</b></li> <li>4. <b>Values and Attitudes about Assessment</b></li> <li>5. <b>Purpose of Assessment</b></li> <li>6. <b>Characteristics of Assessment</b></li> <li>7. <b>The Nature of Assessment</b></li> </ol> | <b>Padlet &amp; Native Apps</b> | <p><b>In Class Activity</b></p> <p><b>Question:</b></p> <ol style="list-style-type: none"> <li>1. <b>Explain ASSESSMENT, EVALUATION &amp; MEASUREMENT?</b></li> <li>2. <b>Discuss assessment as / for learning</b></li> </ol> <p><b>Share thought and opinion each question time estimation 10 minutes (20 minutes)</b></p> <p><b>Do reflection and pick verbatim for academic discourse among participants (inquiry/provoking question techniques)</b></p> <p><b>Use padlet</b></p> |
| 1.00 PM  | <b>LUNCH</b>               |   |  |                                 |  |

# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time    | Activities          | CLO   | Context   | Apps                 | Activities  |
|---------|---------------------|---|---|----------------------|---|
| 2.00 PM | Interactive Lecture | Define the roles of innovative and alternative assessment in measuring student knowledge, skills and abilities. | <ol style="list-style-type: none"> <li>Formative and Summative Assessment</li> <li>Assessment as Diagnostic, Descriptive and Predictive Learning Analytics</li> <li>Type of Assessment</li> </ol> | Padlet & Native Apps | <p>Show a youtube video from Three Idiots scene “What is Machine?” (<a href="https://youtu.be/-MikASchodc">https://youtu.be/-MikASchodc</a>)</p> <p>The participants reflect and share their thought.</p> <p><b>In Class Activity</b><br/> <b>Question:</b></p> <ol style="list-style-type: none"> <li>Define the meaning of innovative and alternative in your daily life (specifically in learning and teaching)</li> </ol> |
| 3.15 PM | Case Based Learning | Define the roles of innovative and alternative assessment in measuring student knowledge, skills and abilities. | <ol style="list-style-type: none"> <li>Alternative Assessment Initiatives @ UiTM</li> <li>Aligning Assessment with Intended Learning Outcome</li> </ol>   | Padlet               | <p>Show a youtube video from The Bridge by INTEL (<a href="https://youtu.be/iHK9AI8BWQQ">https://youtu.be/iHK9AI8BWQQ</a>)</p> <p>A sample of case study the implementation of assessment (complete 14 weeks of learning process and adapting assessment as a part of diagnostic, descriptive and predictive for learning analytics)</p>  |

# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time              | Activities                    | CLO   | Context                                  | Apps   | Activities   |
|-------------------|-------------------------------|---|--|--------|--|
| 4.30 PM - 8.00 PM | <b>BREAK / SOLAT / DINNER</b> |   |  |        |  |
| 8.00 PM           | Interactive Lecture           | Define the roles of innovative and alternative assessment in measuring student knowledge, skills and abilities. | Categories of Alternative Assessment     | Padlet | In Class Activity<br>Show example of alternative assessment.   |
| 9.30 PM           | Case Study                    | Discuss the implementation, issues and challenges in teaching and learning.                                     | Implementation of Alternative Assessment | Padlet | In Class Activity<br>Design lesson plan for 3 hours session either inclass or online class.<br>Embedding assessment as, for and of learning. |
| 10.30 PM          | <b>BREAK &amp; REST</b>       |   |  |        |  |

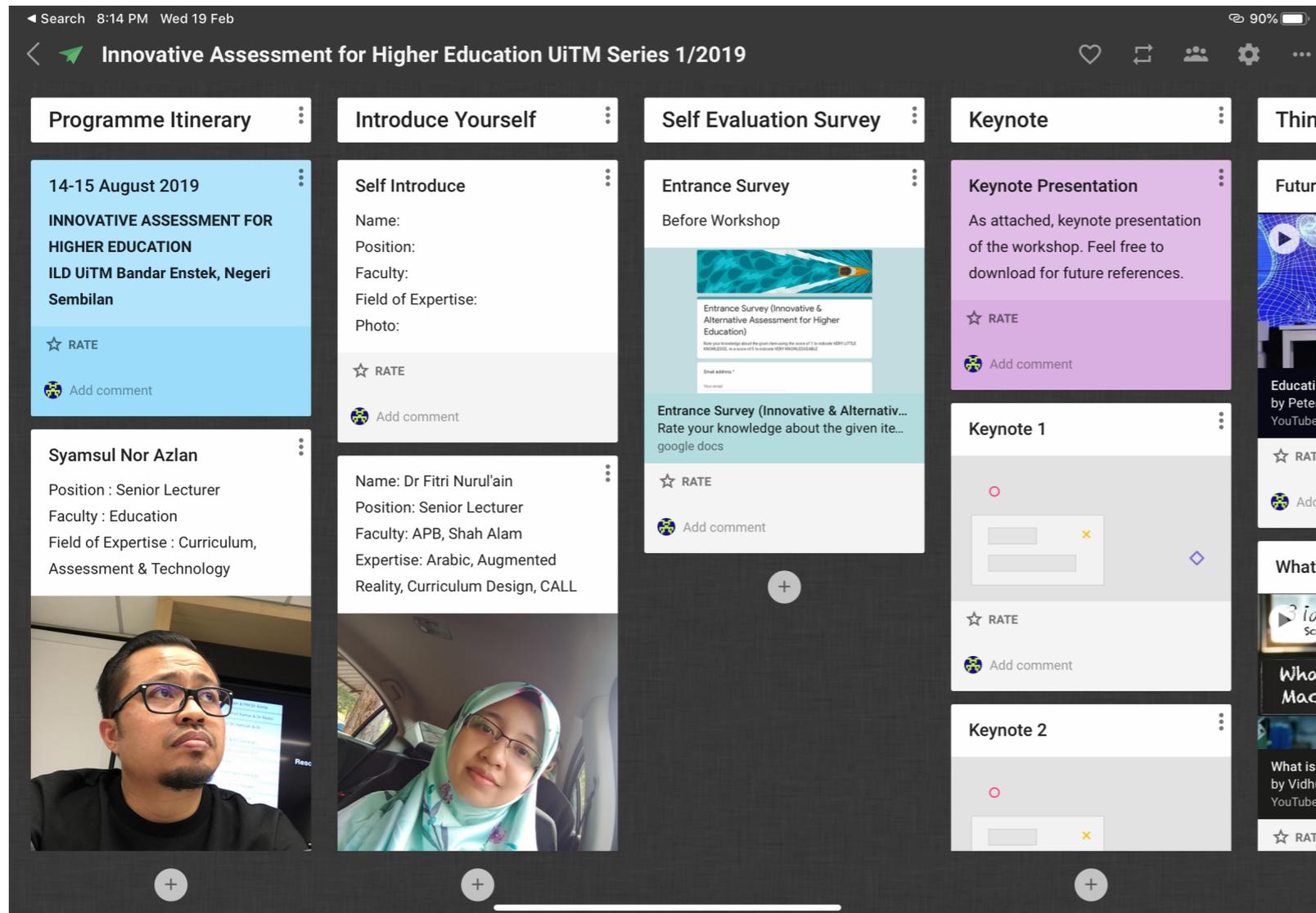
# Workflow

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

| Time     | Activities          | CLO   | Context                           | Apps                 | Activities  |
|----------|---------------------|---|-----------------------------------|----------------------|---|
| 8.30 AM  | Introduction        | Reflection  |                                   |                      |   |
| 8.45 AM  | Interactive Lecture | Discuss the implementation, issues and challenges in teaching and learning.                                     | High Impact Educational Practices | Padlet & Native Apps | In Class Activity<br>Share and present lesson plan.   |
| 10.30 AM | BREAK               |   |                                   |                      |   |
| 11.00 AM | Hand-Ons            | Define the roles of innovative and alternative assessment in measuring student knowledge, skills and abilities. | Developing a Rubrics              | Padlet & Native Apps | In Class Activity<br>Group Activity<br><br>You are given a biscuit. List the characteristics/ criteria of that biscuit and choose one standard measurement. |
| 12.00 PM | Closing             | Contextual Learning and Reflection  | Forging Ahead Assessment          | Padlet               | In Class Activity<br>1. Fill up Self Evaluation Survey (EXIT SURVEY)<br>2. Facilitator Evaluation Form  |
| 12.30 PM | AD-JOURN            |   |                                   |                      |   |

# Evidence-based

INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION



[https://padlet.com/dr\\_snazlan/IAHE\\_ILDUITM2019](https://padlet.com/dr_snazlan/IAHE_ILDUITM2019)

# Evidence-based

INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

8:20 PM Wed 19 Feb

Innovative Assessment for Higher Education UiTM Series 2/2019

Task 1

Why?

Why student FAIL! Share your experience.

☆ RATE

24 comments

Anonymous 3mo  
Not good in english

Edzreena Edza Odzaly 3mo  
Too dependant on lecturer's notes

nurzeatul 3mo  
They do not know why they need to learn the subjects.

Norlizan Wahid 3mo  
For an analysis and design subjects which involve calculations, students lack of hands on exercises

Munirah Izam 3mo  
Memorising & not understanding materials

Anonymous 3mo  
They didn't understand the fundamentals of the knowledge. I was once teaching a class of repeaters, and they really didn't understand the fundamentals that they learn last semester.

Anonymous 3mo

Task 2

ASSESSMENT, EVALUATION & MEASUREMENT

What do you know about ASSESSMENT, EVALUATION & MEASUREMENT?

Share your opinion and thought.

(10 Minutes)

☆ RATE

12 comments

Angeline Vijayarajoo 3mo  
That these are 3 imp't aspects of teaching and learning

Angeline Vijayarajoo 3mo  
Just that we need to know the differences between them.

Angeline Vijayarajoo 3mo  
We tend to be vague on this. It is clearer now.

Syafiza 3mo  
Evaluation is the process of analyzing the measurement of assessment. At certain level of assessment, there will be an outcome as a result of an evaluation

Task 3

ALTERNATIVE REPLACEMENT

Why alternative assessment need to take place in our education system?

Share your opinion and thought.

(10 minutes)

☆ RATE

17 comments

nurzeatul 3mo  
I think... Can provide better feedbacks to the students - like can give scaffolding to students

Anonymous 3mo  
Because there are many skills need to be developed, such as team work, communication skills, confidence level, social skills, critical thinking. There are lots of As or 1st class degree students who are lacking in communication skills. So alternative assessment is hopefully can cater on these skills.

nurzeatul 3mo  
such as when we need to evaluate affective and psychomotor skills

Angeline Vijayarajoo 3mo  
This is because one type of

Task 4

Rubric

You are given a biscuit. List the characteristics/ criteria of that biscuit and choose one standard measurement.

☆ RATE

Add comment

rubric

lily, shapina, faridah

RUBRIK BISKUT

Word document  
padlet drive

☆ RATE

Upload

Lesson Pla  
Word docu  
padlet drive

☆ RATE

Add cc

Project1 S  
Word docu  
padlet drive

☆ RATE



[https://padlet.com/dr\\_snazlan/IAHE2\\_2019](https://padlet.com/dr_snazlan/IAHE2_2019)

# Evidence-based

INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

The screenshot shows a Padlet board with the following content:

- Programme Itinerary**: 17-18 December 2019. INNOVATIVE ASSESSMENT FOR HIGHER EDUCATION. UiTM Cawangan Terengganu. ILD UiTM OUTREACH PROGRAM. Includes a 'RATE' button and 'Add comment' link.
- Introduce Yourself**:
  - Self Introduce**: Name, Position, Faculty, Field of Expertise, Photo. Includes a 5-star rating (1) and 'Add comment' link.
  - Fatimah binti Abd Ghani**: Senior Lecturer, Faculty of Hotel & Tourism Management, Foodservice Management. Includes a photo.
- Expectation**:
  - Entrance Survey**: Before Workshop. Includes a survey form image and a 'RATE' button.
  - Your Expectation?**: List your expectation join the course?. Includes a 'RATE' button.
- Keynote**:
  - Keynote Presentation**: As attached, keynote presentation of the workshop. Feel free to download for future references. Includes a 'RATE' button and 'Add comment' link.
  - Module Set 1**: Feel free to download and read. Thanks. Includes a photo of the Colosseum and a 'RATE' button.



[https://padlet.com/dr\\_snazlan/IAHE3\\_2019](https://padlet.com/dr_snazlan/IAHE3_2019)

# Evidence-based

## INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

The screenshot shows a Padlet board with the following content:

- Programme Itinerary**: 10-11 February 2020, INNOVATIVE ASSESSMENT FOR HIGHER EDUCATION SERIES 1/2020, ILD UiTM. Includes a 'RATE' button and an 'Add comment' button.
- Introduce Yourself**: A form for 'Self Introduce' with fields for Name, Position, Faculty, Field of Expertise, and Photo. Includes a 'RATE' button and an 'Add comment' button.
- Expectation**: 'Entrance Survey Before Workshop' with a survey image and a 'RATE' button. Below it, 'Your Expectation? List your expectation join the course?' with a 'RATE' button.
- Keynote**: 'Keynote Presentation' with text: 'As attached, keynote presentation of the workshop. Feel free to download for future references.' Includes a 'RATE' button and an 'Add comment' button.
- Module Set 1 SCL & Diversity**: Includes a 'RATE' button and an 'Add comment' button.
- Module Set 2 Forging Ahead Assessment**: Includes a 'RATE' button and an 'Add comment' button.

The board also features a profile card for Syamsul Nor Azlan, Senior Lecturer in Education, and a QR code on the right side.

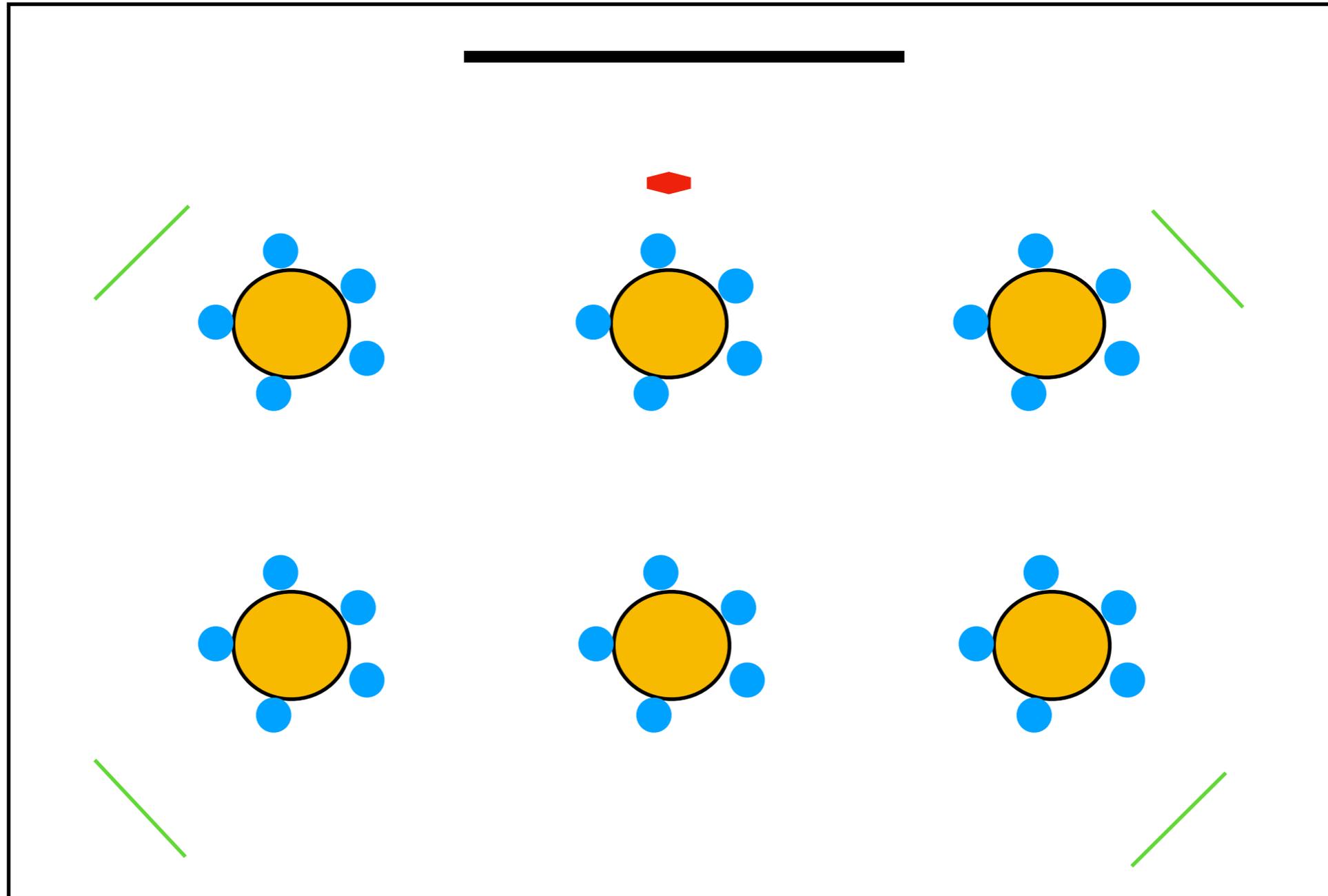


[https://padlet.com/dr\\_snazlan/IAHE\\_012020](https://padlet.com/dr_snazlan/IAHE_012020)

# Classroom Management Setting

INNOVATIVE & ALTERNATIVE ASSESSMENT FOR HIGHER EDUCATION

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*“If learning act as an exploration, then technologies equips the explorer for the journey of lifetime.” (Syamsul, 2018)*

Thank You