



# ***STUDENTS' EXCHANGE PROJECT :*** ***SOUTHEAST ASIA MOBILITY FOR 21st CENTURY SKILLS***

Yuli Rahmawati

Indonesian National Multiplication Training (NMT 2023-2024)  
Surabaya (22 - 24 November 2023)

# PROJECT: ROLES, INNOVATION, AND DEVELOPMENT

Head of Study Program, Chemistry Education  
(2019-now)

Head of STEAM Education CoE UNJ (2022-now)  
(IDC Southeast Asia-PAP)

Assistant of Vice Rector for Planning &  
Collaboration Affairs (2014-2019)

Team of PTNBH, International Accreditation,  
University Strategic Planning, etc  
(UNILEAD-PAP)



Centre of Excellence: Educating for the  
Future



Transformative Education Research Group  
Indonesia  
(TERG Indonesia)



Learning Environment Research Group  
Indonesia (LERG Indonesia)



Komunitas Guru Peneliti Indonesia (KGPI)

# SELECTED PROJECTS



2009-2013, 2018

- Australia Research Council (ARC)
- STEM Project, Australia Indonesia Institute (2018)



2016, 2019, 2022, 2023

- DIES Training UNILEAD (2016)
- **Women in Academic Leadership (2019)**
- International Dean Course (IDC) Southeast Asia (2022)
- National Multiplication Training (NMT) (2023)



2017

University Mobility in Asia and the Pacific (UMAP), Japan



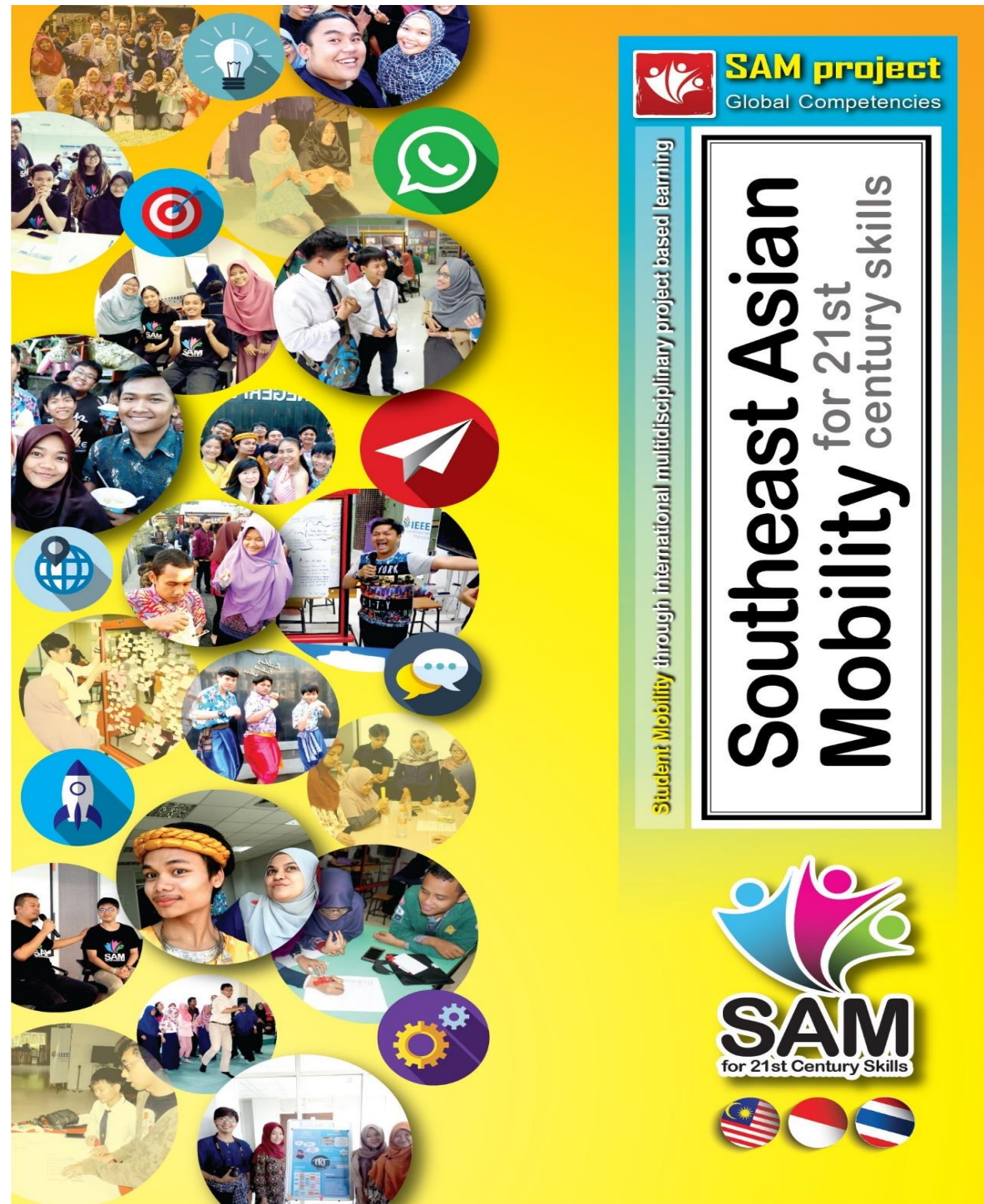
2019-2020

UNESCO, Learning for Empathy





# SOUTHEAST ASIAN MOBILITY FOR 21<sup>ST</sup> CENTURY SKILLS (SAM21)



Southeast Asian Mobility is Students' Exchange program for Developing Students' 21<sup>st</sup> Century Skills. The program is collaboration of UTM, KMUTT, and UNJ which consists of three phases in Design Thinking, Prototyping, and Business Planning

The 1<sup>st</sup> SAM21 was funded by University Mobility in the Asia and Pacific (UMAP), Japan



# UNILEAD NETWORKING: SUSTAINABILITY OF PROJECT MANAGEMENT

Fauzan Khairi Che Harun (Universiti Teknologi Malaysia-UTM)  
 Tula Jutarosaga (King Mongkut's University of Technology Thonburi-KMUTT)  
 Yuli Rahmawati (Universitas Negeri Jakarta-UNJ)



UNILEAD, Oldenburg,  
Germany, 2016



UTM, Malaysia, 2017



UNJ, Jakarta, 2017



KMUTT, Thailand, 2018



Online, 2020



Ritsumeikan, Japan, 2023



# UNILEAD NETWORKING: SUSTAINABILITY OF PROJECT MANAGEMENT



Prof. Shizuyo ASAI (Ritsumeikan University)

2021- 2023





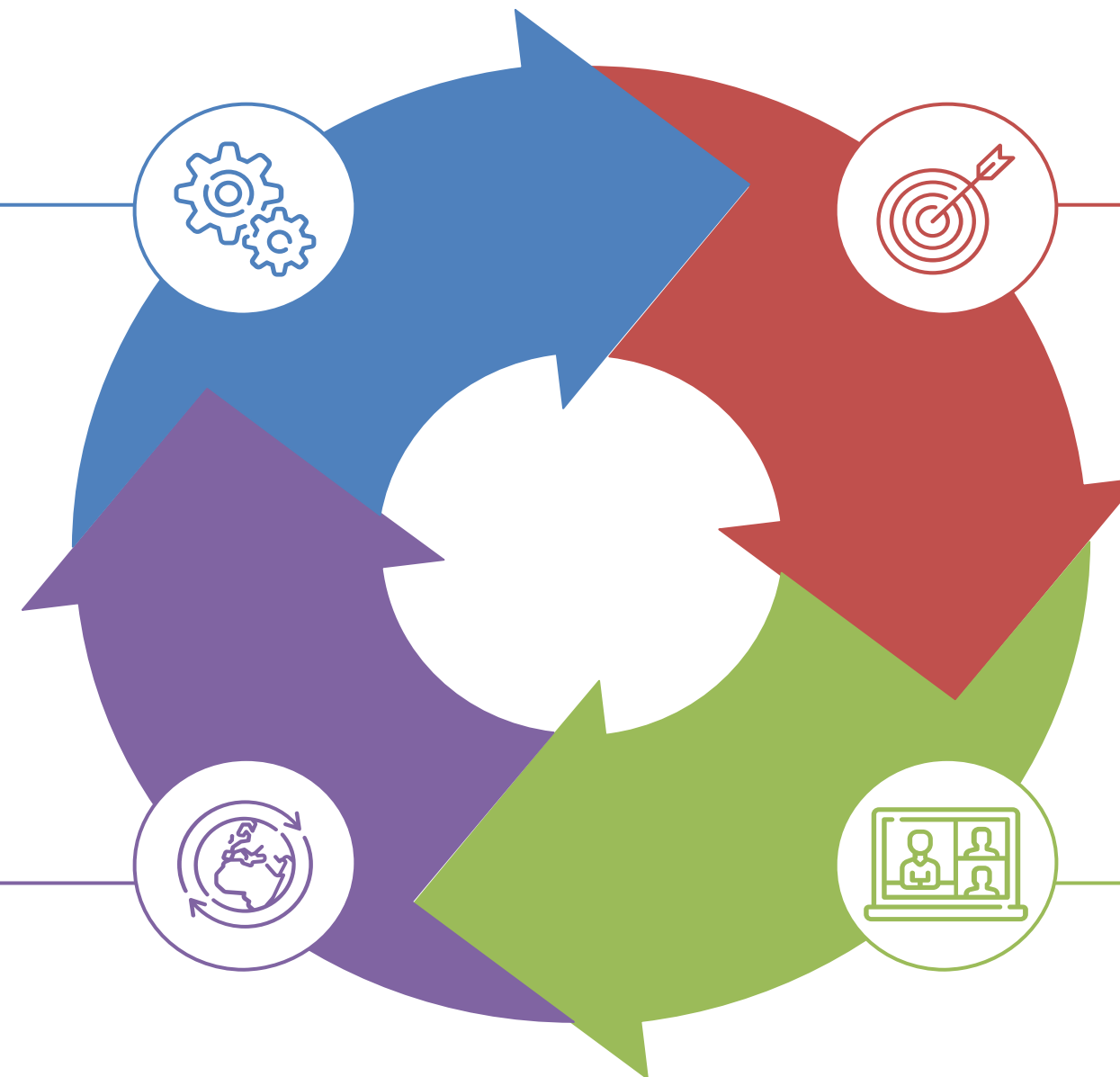
# CONTEXT

## International Collaboration

UNJ, UTM, KMUTT, RU

## Project Management & Sustainability

UNILEAD Alumni, UMAP Project, Research Project



## MBKM Program

Student Exchange, STEM Course, Internship

## Roles

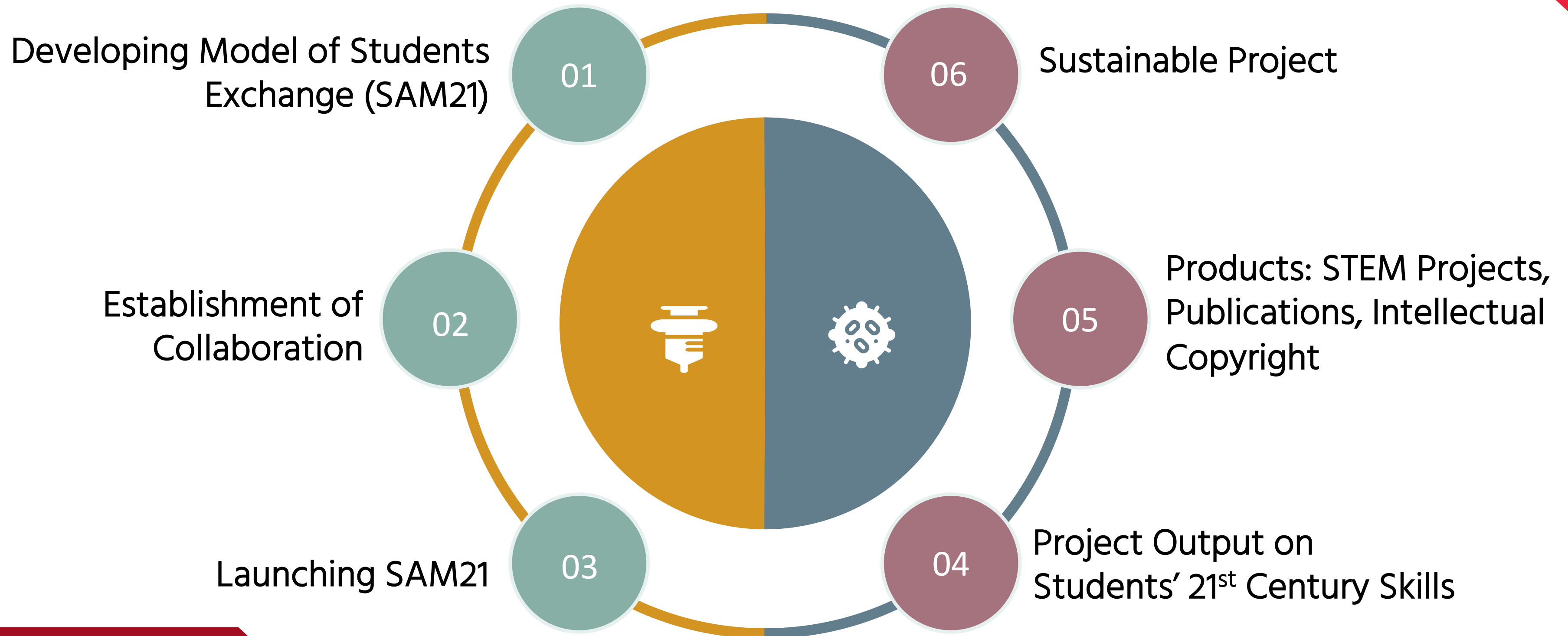
Assistant of Vice Rector, Head of Study Program

SMART



# PROJECT ACTION PLAN

OBJECTIVE: Developing Multicultural Students Exchange Program for Students' 21<sup>st</sup> Century Skills





# MILESTONES

November

## Team Engagement

Kick off, Organisation  
and Roles

01

January

## Program Launching

Website, Poster, etc

03

August

## Rolling out the Program

Workshop in selected  
university

05

06

## Program Development

Three phases (Design  
Thinking, prototyping &  
Business Planning)

December

## Preparation

Regular Meetings,  
Funding, Participants,  
etc

February-July

## Evaluation & Outcomes

Reflections, Publications  
& Reports

September-October





# 2017 (Malaysia-Thailand-Indonesia)







### PROBLEM STATEMENT



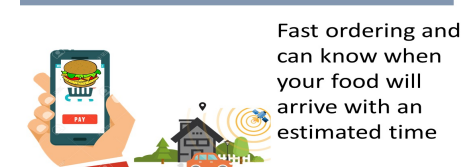
People in university in Jakarta are too busy with assignment and homework make them no time to queue and buy food.

### In App Payment

You can pay in app safely with no worries and it happens instantly.



### Order and Track your food



Fast ordering and can know when your food will arrive with an estimated time

### Revenue Stream

3% from order delivery

2% from cafeteria system service fee

### Collect points from every order

Point collected from every order can be used to exchange for food and beverage



### Group Member



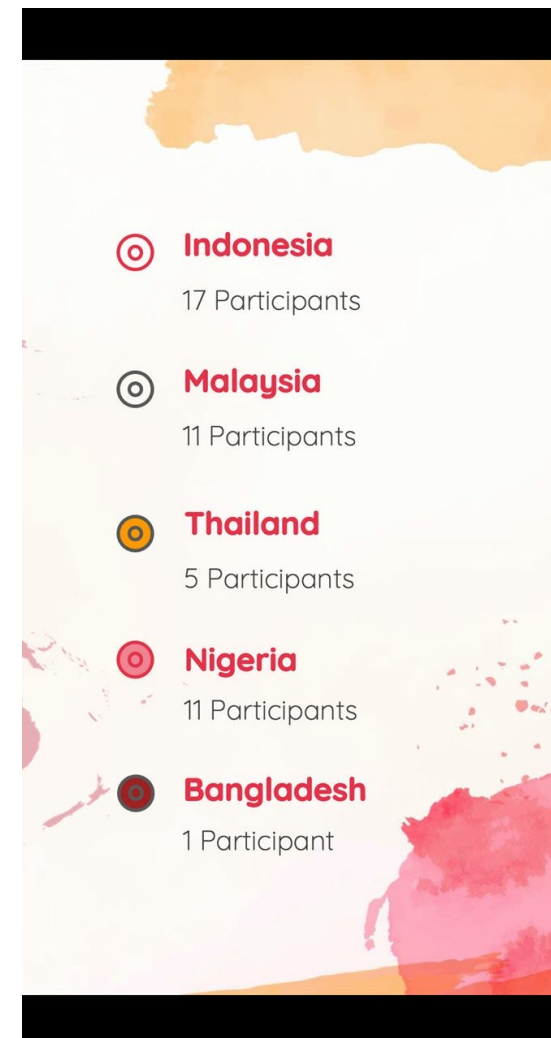
Sarah  
Karima Fachra Putri  
Adrian Tay Ban Yung  
Nutchapol Jeerawattana

# 2018 (Malaysia-Thailand)





# 2020 (Online)



**Innovate a Museum**

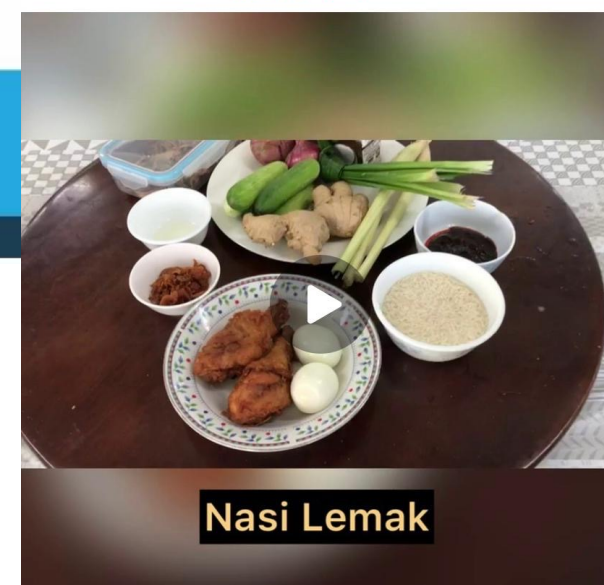
Assign PIC for

- Interview
  - Interview expert in the field
- Observation
  - Online research
  - Images Search
- Survey
  - Google Form

Chat window on the left shows messages from ctazreen dayani, QDE YEM, and Huzafah Adam.



MILK  
Sep 27, 2020, 18:46  
Nasi Lemak video 🍲👍👍👍👍👍

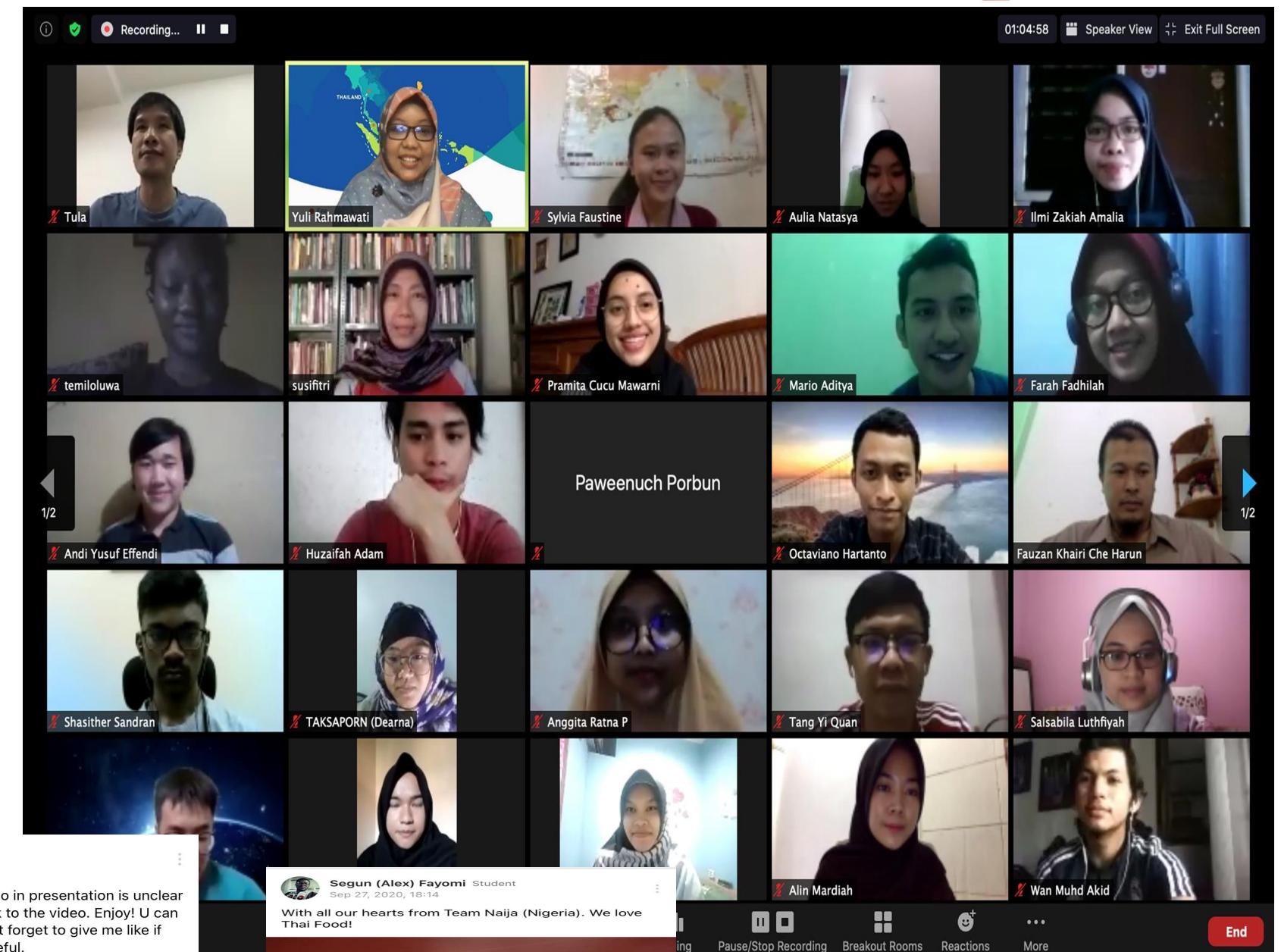


**Azreenday** Participants  
Sep 27, 2020, 20:36

Hello guys! It's seem my video in presentation is unclear so here I share to you the link to the video. Enjoy! U can try to do it too at home. Don't forget to give me like if you find it interesting and useful.

...View more

**SAM21 2020 Culture Sharing Session**  
Cireng Isi Ayam Pedas (Indonesian Food) Cook by: Chefs Azreen (Malaysian) Food instructor: Nabilah (Indonesian) Bac...  
www.youtube.com





# 2022 (Malaysia)





# 2023 (Japan)

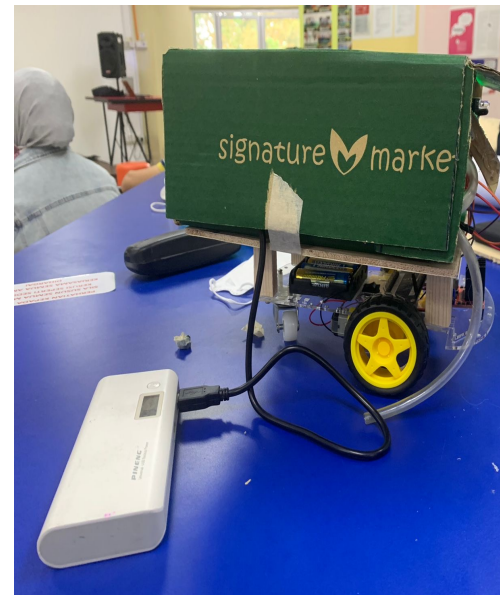


**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

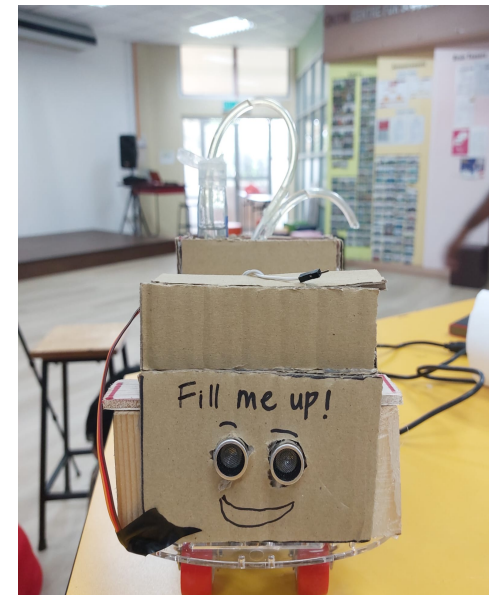


King Mongkut's  
University of  
Technology  
Thonburi

**R** RITSUMEIKAN  
UNIVERSITY



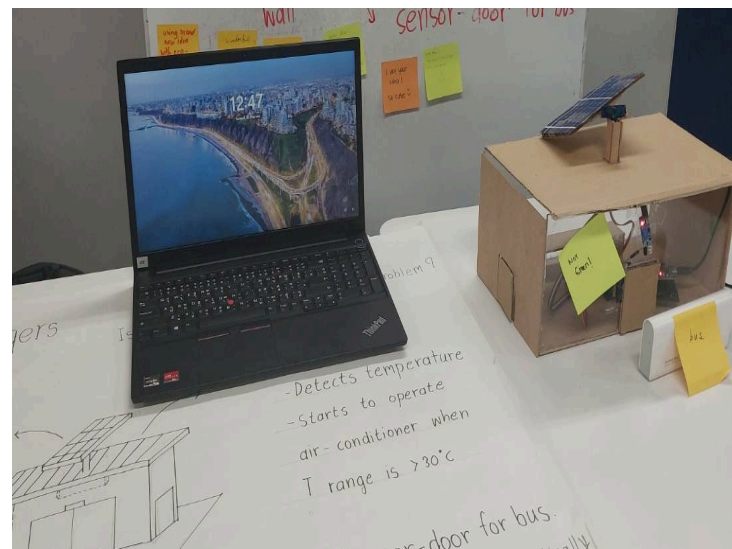
"Cleanopatra":  
the combination of vacuum  
cleaner and trashcan



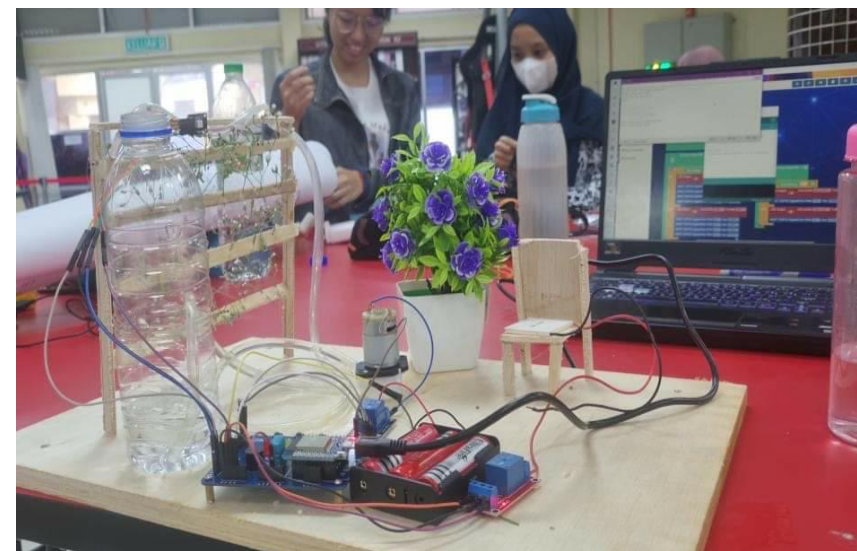
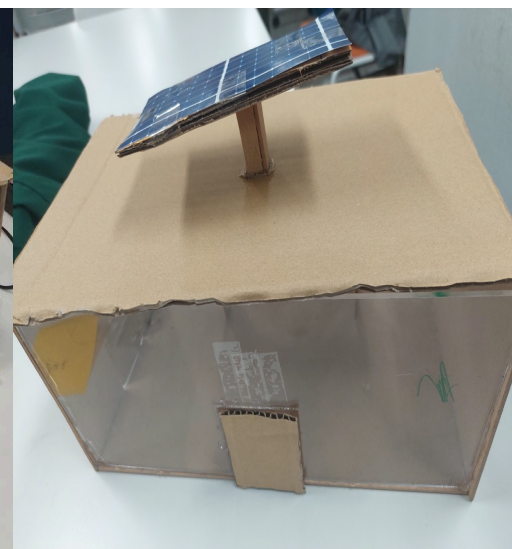
Portable table with  
automatic handsanitizer  
and trashcan



Smart trash can: monitor the volume of trash, automatic  
open and close system, and operate the wheel by phone



Smart bus stop: use solar panel for energy source, glass wall to reduce light usage during the  
day, and sensor door at the front that opens automatically when the bus arrives



"Go Cool": Gardening app for controlling the angle of vertical garden and automatic  
watering system





# REFLECTIONS

01

## **Personal Challenges:**

Workloads & Time Management

02

## **Build a Guiding Coalition:**

Team Alignment & Engagement, Shared Visions, “Volunteer Army”, Short Term Win

03

## **Opportunities:**

Grant, Networking, Collaboration, Funding

04

## **Supports:**

Top Management & Faculty Support, Stakeholders

05

## **Institutional Change:**

Leadership & Sustainability

05

## **Project Action Plan:**

Objective, Roles, timeline, people, feedback

**DAAD Networking open up different opportunities and expansion**





# NMT: YOU LEAD INDONESIA



# OBJECTIVES



**Developing leadership skills** while contextualizing those skills with the culture and policies of Indonesian Higher Education system (cultural customization), particularly in **the context of Merdeka Belajar - Kampus Merdeka** (Emancipated Learning)



**Developing the knowledge and skills needed** (governance, change management, conflict management and project management) for **young academics who have been appointed as university or faculty leaders** to focus on sustainability in their endeavors - teaching, research, and services (the Indonesian thridarma)

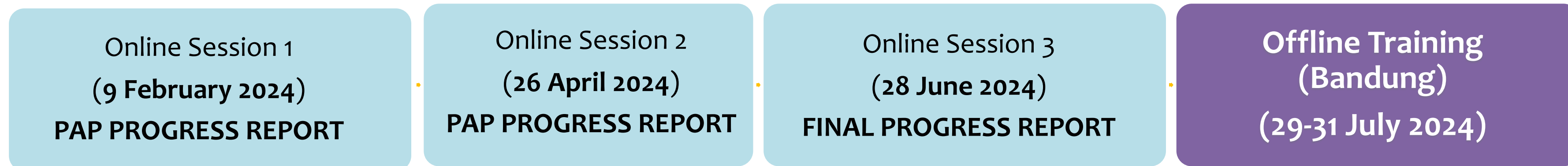


**Facilitating participants to design a PAP (Project Action Plan)** under the guidance of the experts and trainer team that will be implemented in their home institution to amplify sustainability in Indonesian HEI in the context of Kampus Merdeka



# ***Project Action Plan: Focus & Timeline***

**November 2023-July 2024**



**PAP should be related to Students' Program of MBKM  
(9 activities OR others)**



# Project Management Canvas

**Project title: Name:**

**Date:**

**Version: 1.0**

**1) Objective:**

|                                                                            |
|----------------------------------------------------------------------------|
| 1) To which challenge is <u>this project</u> answering?                    |
| <u>Guiding Questions</u>                                                   |
| 1a) Who are the stakeholders?<br>•<br>•                                    |
| 1b) What is my timeframe?<br>•<br>•                                        |
| 1c) Which objectives do I want to achieve within the given time?<br>•<br>• |

**2) SWOT Analysis**

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| SWOT-Analysis (internal factors)<br>2a) Strengths:<br>1.<br>2. | SWOT-Analysis (external factors)<br>2c) Opportunities:<br>1.<br>2. |
| 2b) Weaknesses:<br>1.<br>2.                                    | 2d) Threats:<br>1.<br>2.                                           |



# Project Management Canvas



## 3) Key tasks and Milestones

| Direct PAP Activities/tasks |         |       |      |           |                  | Monitoring                        |            |    |         |
|-----------------------------|---------|-------|------|-----------|------------------|-----------------------------------|------------|----|---------|
| My PAP                      | My role | When? | Who? | Who else? | Resources needed | How do I recognize it's finished? | Done when? | by | Remarks |
| Key task 1:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 1.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 1.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 1:                |         |       |      |           |                  |                                   |            |    |         |
| Key task 2:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 2.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 2.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 2:                |         |       |      |           |                  |                                   |            |    |         |
| Key task 3:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 3.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 3.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 3:                |         |       |      |           |                  |                                   |            |    |         |
| Key task 4:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 4.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 4.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 4.c:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 4:                |         |       |      |           |                  |                                   |            |    |         |
| Key task 5:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 5.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 5.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 5.c:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 5:                |         |       |      |           |                  |                                   |            |    |         |
| Key task 6:                 |         |       |      |           |                  |                                   |            |    |         |
| Task 5.a:                   |         |       |      |           |                  |                                   |            |    |         |
| Task 5.b:                   |         |       |      |           |                  |                                   |            |    |         |
| Milestone 6:                |         |       |      |           |                  |                                   |            |    |         |





**THANK YOU**