

Minute of Meeting
WP1 Discussion with MARE Malaysia Partners
Date: 09122020
Time: 9am-12noon
Webex Meeting
Hosted by Universiti Teknologi Malaysia



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UTM
UNIVERSITI TEKNOLOGI MALAYSIA



UniKL
UNIVERSITI
KUALA LUMPUR



UTP
UNIVERSITI TEKNOLOGI PETRONAS



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PARTY	MATTERS
UTP (Universiti Teknologi PETRONAS)	<ul style="list-style-type: none"> ➤ Offer 6 courses: <ul style="list-style-type: none"> • 3 courses from Bachelor of Civil and Environmental Engineering with Honours – 3 credit <ol style="list-style-type: none"> 1. Coastal Planning and Management 2. Pipeline and Risers 3. Ocean and Coastal Engineering • 1 course from MSc in Asset Maintenance and Management - 3 credit <ol style="list-style-type: none"> 1. Deepwater Maintenance

	<ul style="list-style-type: none"> • 1 course from Bachelor of Mechanical Engineering with Honours – 3 credit <ol style="list-style-type: none"> 1. Fluid Mechanics 2 • 1 course from Bachelor of Petroleum Engineering with Honours – 2 credit <ol style="list-style-type: none"> 1. Introduction to Oil & Gas Industry and Sustainable Development <p>When to be implemented: 2021 (Pipeline and Risers, Deepwater Maintenance, Fluid Mechanics 2, Introduction to Oil & Gas Industry and Sustainable Development)</p> <p>Accreditations are through respective departments (department meetings and approval by Department Chairs), since the percentage of change in the course contents do not exceed 30%.</p> <p>Prof Adi (UTM) suggest Marine Environment Day for the dissemination about the courses. Dr. Fadzil offers to provide the platform as such program is commonly organized in UMT.</p> <p>All members agree with the offered courses.</p>
UMT (Universiti Malaysia Terengganu)	<ul style="list-style-type: none"> ➤ Offer 3 courses: <ul style="list-style-type: none"> • 2 courses for Bachelor Program under Bachelor of Science (Marine Science) <ol style="list-style-type: none"> 1. Environment: Global Issues and Perspective (Existing Course)-3 credit 2. Marine Resource Management (New Course)-3 credit • 1 course for Master Program under Master of Science (by Research) <ol style="list-style-type: none"> 1. Tropical Oceanography (new course)-3 credit ➤ Planning to implement these courses by March and September 2021. ➤ Planning to get the approval from the Senate University by Feb 2021 for new course for Master Program. ➤ For new course bachelor program still in the development for course content and planning to get the approval from the faculty by Jan 2021 and approval from Senate University by April 2021. ➤ For the existing course bachelor program is offer every semester and will be offered next semester on Mac 2021. ➤ The projection of student: <ul style="list-style-type: none"> • 60 students per year (Environment: Global Issues and Perspective) • 40 students per year (Marine Resource Management) • 15 students per year (Tropical Oceanography) <p>All members agree with the offered courses.</p>

UniKL MIMET	<ul style="list-style-type: none"> ➤ Offer 4 courses: <ul style="list-style-type: none"> • 3 courses for Bachelor Program under Bachelor of Maritime Operation (Hons) – 3 credit <ol style="list-style-type: none"> 1. Integrated Marine Pollution and Control 2. Oceanography 3. Law of the Sea and Ship Operation • 1 Master Program under Master of Maritime Operation and Management <ol style="list-style-type: none"> 1. Marine and Coastal Environment ➤ Currently, UniKL is doing curricular review, if less than 30% changes it can be done within UniKL up to Senate university. ➤ MQA requirement, if more than 30% need to get endorsement from MQA. ➤ To acknowledge MARE coordinator that the process of preparing the syllabus consist of two which are MQA and Senate University. ➤ These courses are not involving with other professional body because it is management courses. ➤ Planning to implement these courses on June and Sept 2021, (two semesters in row), if get the endorsement from the university by April 2021 to run these new updated courses. ➤ All 4 courses will be based at UniKL MIMET, Perak. ➤ The projection of student: <ul style="list-style-type: none"> • 50 students per year (Integrated Marine Pollution and Control) • 60 students per year (Oceanography) • 50 students per year (Law of the Sea and Ship Operation) • 5 students per year (Marine and Coastal Environment) ➤ UniKL need to write a letter to 'EAC' to request budget for purchasing equipment. ➤ Try to do collaboration with UMT for the Oceanographer software (will discuss later). <p>All members agree with the offered courses.</p>
UTM (Universiti Teknologi Malaysia)	<ul style="list-style-type: none"> ➤ Offer 4 courses: <ul style="list-style-type: none"> • 2 courses from Mechanical Engineering (Marine) – 3 credit <ol style="list-style-type: none"> 1. Marine Environment under Bachelor of Engineering (Naval Architecture an Offshore Engineering) 2. Environment and Renewable Energy under Master of Science (new course) • 2 courses from Civil Engineering for Master Program (Existing course- core subject – 3 credit)

	<ol style="list-style-type: none"> 1. MKAK 1003 Environmental Management and Sustainability for <ul style="list-style-type: none"> - Master of Engineering (Civil), - Master of Engineering (Engineering Management), - Master of Engineering (Environmental Engineering (SKT)) 2. MKAK 1063 Water Quality Management and Assessment for Master of Engineering (Environmental Engineering) <ul style="list-style-type: none"> ➤ Marine Environment is elective course and will be offered in Semester 2 on September 2022 (kind of too late and will be discussed later with Panel and will be informed to program coordinator) ➤ Environment and Renewable Energy is a new elective course for Master of Science (Ship and Offshore Engineering) and in the process to Senate University-22/12/2020. ➤ Planning to implement this course (Environment and Renewable Energy) by Feb 2021. ➤ This course has a potential to get more students and need to do promotion. This course should be open to mechanical, civil and even science program. ➤ The courses from Civil Engineering are in the process of curricular review. The MKAK 1063 will be on Senate University on Jan 2021. Both courses already approved on faculty level. ➤ Both courses already implemented this semester but without site visit due to MCO. ➤ The current students: <ul style="list-style-type: none"> • 15 students (Environmental Management and Sustainability) • 5 students (Water Quality Management and Assessment) ➤ The projection number of students (Feb 2021): <ul style="list-style-type: none"> • 30 students from off-campus students –blended learning at KL. <p>All members agree with the offered courses.</p>
Others	<ul style="list-style-type: none"> • Email recently that have the dateline on 10/12, subject can be offered up to Spring 2022. • The courses should be related to the environment. • Need to do courses promotion like Marine Environmental Day or Marine Environmental Week. Organize activities within that day or week at our respective universities to make the awareness to the universities students. • Need to branding the MARE project within that promotion. • Do some activities for the students: <ul style="list-style-type: none"> - Poster - Webinar - Seminar

- All the reports need to be summited individually (for example in excel form)
- For WP1 need to finalize the courses, estimated time to accredited, estimated time to implement, the SOP and etc.
- Budget for purchasing equipment is different for every university and based on UMT issue, the money will not be transfer if there is no activities.
- Try create training program using software (Delft, oceanography, etc), which can help students using the software. Sharing with the students the tips using the software, thus can help the student learn the software quickly. This can be the result of MARE (collaboration among universities).
- Need to consider to e-learning. But e-learning usually not open to public due to copyright issue. External can join the courses but need to enrol as a guest.
- Dissemination (poster or leaflet) to promote the course to the students. Awareness to the university that we have new courses. No designated template.
- Get feedback from the stockholders. It is important to know the industry concern and perhaps can be included to the syllabus.

SCREENSHOT OF THE MEETING:

The screenshot shows a Zoom meeting interface. At the top, there are video thumbnails for 'arifahali arif...' (Me), 'IVESE UTM HOST', 'Shaharin Sulaiman', and 'Conference Room'. The main area displays a shared Excel spreadsheet titled 'MARE - Proposed Courses Updates (2) All - Excel'. The spreadsheet is open to the 'Ocean and Coastal Engineering' sheet, showing a table with columns for course details, dates, and accreditation status.

Course ID	Course Name	Level	Prerequisites	Start Date	Accreditation	Duration	End Date	Status
IVESE/2020/01/001	Marine and Coastal Engineering	Bachelor	None	June 2020	Engineering Accreditation Council (EAC), Malaysia	30%	September 2020	At students get ready to start
IVESE/2020/01/002	Marine and Coastal Engineering (with Honours)	Bachelor	None	June 2020	Engineering Accreditation Council (EAC), Malaysia	30%	September 2020	At students get ready to start
IVESE/2020/01/003	Marine and Coastal Engineering (with Honours)	Bachelor	None	June 2020	Engineering Accreditation Council (EAC), Malaysia	30%	September 2020	At students get ready to start
IVESE/2020/01/004	Marine and Coastal Engineering (with Honours)	Bachelor	None	June 2020	Engineering Accreditation Council (EAC), Malaysia	10%	September 2020	At students get ready to start

On the right side, the 'Participants (13)' list shows 'Adi Maimun', 'Conference Room', and 'Fadzil'. The 'Chat' window shows messages from 'arifahali arifahali' and 'Khalida Muda' regarding an attendance form.

Viewing Khairul Mat Saad's ...

Universiti Kuala Lumpur	Program	Course	Credits	Area	Description	Start Date	End Date	Percentage	Duration
Universiti Kuala Lumpur	Bachelor	Bachelor of Maritime Operation (Hons)	3	(3) area-based management & IS	Adding a topic on marine pollution, prevention and control, water contamination, marine environment protection.	April 2021	June 2021	20%	50 study year; 25 per sem
Universiti Kuala Lumpur	Bachelor	Bachelor of Maritime Operation (Hons)	3	(1) coastal science	Beach and Shoreline Process; Characteristics of beaches and coastal regions at tropical area, Erosional process and depositional coast, at Hard stabilization and beach nourishment.	April 2021	June 2021	20%	60 study year; 30 per sem
Universiti Kuala Lumpur	Bachelor	Bachelor of Maritime Operation (Hons)	3	(3) area-based management	Latest rules and regulation implementation, Some experts with regards port operations, and logistics.	April 2021	June 2021	20%	50 study year; 25 per sem
Universiti Kuala Lumpur	Master	Master of Maritime Operation and Management	3	(1) coastal science	Beach and Shoreline Process; Characteristics of beaches and coastal regions at tropical area, Erosional process and depositional coast, at Hard stabilization and beach nourishment, Coastal Sciences; Marine & Coastal Environments, The Ocean and The Atmospheric, Waves & Tides.	June 2020	June 2021	10%	5 study year

Participants (13)

Search

- Adi Maimun
- Conference Room
- Fadzil

Chat

from Khairul Mat Saad to everyone: 9:05 AM
wsalam dan selamat pagi semua

from arifahali arifahali to everyone: 9:10 AM
<https://forms.gle/XzEEnBFMDTfDSS5x9>

from arifahali arifahali to everyone: 9:12 AM

To: Everyone

WP2.1 - Revision of existing and development of new BSc/MSc courses

New Subject
Number of credit : 3 credits
Academic program : Master of Science (by Research)
MARE Theme : Coastal Science

Timeline for the offering of new subject MSc under MARE

Review course contents: May - Dec 2020

Approval: Institute: Nov 2021

Approval: JPPPU UTM: Dec 2021

Approval: Senate UTM: Feb 2021

Subject open for enrollment (15 students): Mac 2021

*JPPPU: University Program Development Committee

Participants (13)

Search

- Adi Maimun
- Conference Room
- farahellyza farahellyza

Chat

from arifahali arifahali to everyone: 9:12 AM
Kindly fill up the attendance form

from Khalida Muda to everyone: 9:15 AM
Assalam and morning every one

from arifahali arifahali to everyone: 9:28 AM

To: Everyone

The screenshot displays a Zoom meeting interface. The main content area shows a presentation slide titled "WP2.1 - Revision of existing and development of new BSc/MSc courses". The slide content includes:

- Existing Subject : Environment: Global Issues and Perspective
- Number of credit : 3 credits
- Academic program : Bachelor of Science (Marine Science)
- MARE Theme : Pollution

Below the text is a timeline titled "Timeline for the offering of existing subject BSc under MARE". The timeline shows key milestones from May-Dec 2020 to Sept 2021:

- May - Dec 2020: Review course contents
- Dec 2020: Approval: Departmental
- Dec 2020: Pre-registration
- Mac 2021: Subject starting date (30 students)
- Dec 2020: Subject starting date (30 students)
- Sept 2021: Subject starting date (30 students)

The right sidebar shows 13 participants, including arifahali arifahali (Me), IVESE UTM (Host), Fadzil, Khairul Mat Saad, and others. A chat window is open with messages from arifahali arifahali and Khalida Muda. The bottom section shows a grid of 13 video thumbnails for participants: arifahali arifahali (Me), IVESE UTM (Host), Khairul Mat Saad, Conference Room, Shaharin Sulaiman, Adi Maimun, farahellyza farahellyza, Khalida Muda, Fadzil, Shamila Azman, Haizatul Hafizah Hussain, HING LEE SIANG, and MOHAMAD SHAUFI SOKIMAN.

Prepared by,

Dr. Arifah Ali

Universiti Teknologi Malaysia