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## Advancing Higher Education in Maldives Through E-learning Development

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### 5.1 AMED PILOT STUDY IMPLEMENTATION

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## Executive Summary

This document contains the summary of the AMED pilot study program for the period of February 2021 to March 2022 and it includes the following main areas.

1. Participants selection for the program
2. Orientation for the participants
3. Snapshot of the modules and capstone project
4. Details of Facilitators
5. Facilitators Coordination Meeting
6. Details of the modules and capstone projects coordination
7. Facilitation Plan
8. Completion of the modules and capstone project
9. Completion of the pilot study
10. Issues identified in the completion of the modules and capstone project



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## 1. PARTICIPANTS SELECTIONS FOR THE PROGRAM

Consideration was given to select participants from all the Faculties/schools/Centres of the Maldives National University. Deans/Heads of MNU Faculties/Schools/Centres were informed about the project needs and it was decided to allocate slots for each Faculties/schools/Centres. The following table shows the number of slots allocated. The number is based on a ratio representative of the total number of academic staff in the respective Faculties/Schools/Centres at the time of the start of the pilot study.

Faculty/Center	Number of Slots
Center for Foundation Studies	4
Center for Maritime Studies	1
Faculty of Arts	5
Faculty of Education	8
Faculty of Engineering Science and Technology	6
Faculty of Health Sciences	5
Faculty of Hospitality and Tourism Studies	6
Faculty of Shariah and Law	6
MNU Business School	4
Research and Development Office	2
School of Nursing	6
School of Medicine	3
Vice Chancellor	1
Deputy Vice Chancellor	2
Deans/Heads	4
<b>Total</b>	<b>64</b>

- In February 2021, AMED MNU project manager announced AMED pilot study program to all the academic staff of MNU.
- Invitations were to all academic staff sent to register in the study program using a google form with the description of the pilot program. Here is the *google form link*: [https://docs.google.com/forms/d/1Ksh9PbhKMBAsV0Ciil\\_YKldaylz2xW162e2icGjfPeQ/edit](https://docs.google.com/forms/d/1Ksh9PbhKMBAsV0Ciil_YKldaylz2xW162e2icGjfPeQ/edit)
- By the given due date (21st February 2021), 71 participants registered via the google form and three were registered via personal communication.
- The following tables show the numbers of participants registered in the lecturers and decision pathway

Faculty/Center	Registered No
Center for Foundation Studies	8
Faculty of Arts	7
Faculty of Education	10
Faculty of Engineering, Science and Technology	8
Faculty of Health Sciences	4
Faculty of Hospitality and Tourism Studies	2
Faculty of Shariah and Law	5
MNU Business School	7
Research and development office	2

School of Nursing	7
School of Medicine	5
<b>Total</b>	<b>65</b>

Table 1: No. of participants registered in lecturers pathway

Faculty/Center	Registered No
Vice Chancellor	0
Deputy Vice Chancellor	1
Library	1
Examinations Department	1
Training and Development Unit	1
Faculty of Education	1
Faculty of Health Sciences	1
School of Nursing	1
MNU Business School	1
Center for Maritime Studies	1

Quality Control Department	1
<b>Total</b>	<b>10</b>

Table 2: No. of participants registered in decision pathway

## 2. ORIENTATION FOR THE PARTICIPANTS

Study Programme pilot implementation Orientation was conducted online on the 7th of March 2021. Participants were invited to the orientation of the study program via email on 6th March 2021. The orientation agenda and participant guide was shared with the participants through the aforementioned email.

The following was addressed during the Orientation session.

- Brief introduction of the project and the study programme
- Modules description, assessment and duration
- Modules coordinators
- Facilitators of the study program

Additionally, the following two 15 mins pre- study workshops were conducted to enhance the readiness of the participants to engage in the study programme pilot.

<b>Workshop 1- Learning with Moodle (15 mins)</b>	<b>Workshop 2- Self-learn Techniques (15 mins)</b>
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<ul style="list-style-type: none"> <li>• Navigating Moodle</li> <li>• Attempting learning activities</li> <li>• Participating in the forum learning activities</li> <li>• View of the gradebook</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to self-learning techniques</li> <li>• Sharing of the templates that could be useful to self-learn (Study schedule, time allocation table)</li> <li>•</li> </ul>
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At the end of the orientation, AMED orientation evaluations were conducted through an evaluation form. Google form  
[https://docs.google.com/forms/d/1cHUBXUa1\\_fdaY63tagDAANM4nwby5Q6cYSsQLankT2l/edit#responses](https://docs.google.com/forms/d/1cHUBXUa1_fdaY63tagDAANM4nwby5Q6cYSsQLankT2l/edit#responses)

### 3. SNAPSHOT OF THE MODULES AND CAPSTONE PROJECT

The following Table details the key dates of the pilot study and and module information of the study programme.

Module	Target participants	Duration	Planned start date	Planned end date
<b>M1- Foundations of e-learning</b>	Decision makers Teaching staff	5 weeks 25 hours 5 hours per week	8th March 2021 (Monday)	2nd April 2021 (Friday)
<b>M2- Leadership and Management of e-learning</b>	Decision makers	5 weeks 25 hours 5 hours per week	5th April 2021 (Monday)	13th May 2021 (Thursday)
<b>M3- Designing digital learning</b>	Teaching staff	5 weeks 25 hours 5 hours per week	5th April 2021 (Monday)	13th May 2021 (Thursday)
<b>M4- The networked teacher</b>	Teaching staff	5 weeks 25 hours 5 hours per week	17th May 2021 (Monday)	17th June 2021 (Thursday)
<b>CP1- Capstone Project 1</b>	Decision makers	10 weeks 50 hours 5 hours per week	17th May 2021 (Monday)	24th July 2021 (Saturday)



<b>CP2- Capstone Project 2</b>	Teaching staff	13 weeks 65 hours 5 hours per week	21st June 2021 (Monday)	16th September 2021 (Thursday)
<b>M1- Foundations of e-learning</b>	Decision makers Teaching staff	5 weeks 25 hours 5 hours per week	9th March 2021 (Monday)	3rd April 2021 (Friday)
<b>M2- Leadership and Management of e-learning</b>	Decision makers	5 weeks 25 hours 5 hours per week	5th April 2021 (Monday)	13th May 2021 (Thursday)

Table 3: Snapshot of the study program

## 4. DETAILS OF THE FACILITATORS

A total of sixteen facilitators were selected to support the facilitation of the pilot study. They included academic staff from different Faculties/Schools/Centers of the Maldives National University who had completed the training workshops which were conducted on facilitation within the AMED Work Package 3.3. the following table provides the details of the facilitators.

#	Name	Email	Designation	Faculty/Center	
1	Shimna Shakeeb	shimna.shakeeb@mnu.edu.mv	Head of Center	Center for Educational Technology and Excellence	CETE
2	Fathimath Nasiha	fathimath.nasiha@mnu.edu.mv	Head of Center	Center for Foundation Studies	CFS
3	Fathimath Mumthaz	fathimath.mumthaz@mnu.edu.mv	Lecturer	Center for Educational Technology and Excellence	CETE
4	Aminath Zifna	aminath.zifna@mnu.edu.mv	Lecturer	Center for Educational	CETE

				Technology and Excellence	
5	Ibrahim Adam	ibrahim.adam@mnu.edu.mv	Lecturer	Center for Educational Technology and Excellence	CETE
6	Hamid Ali	hamid.ali@mnu.edu.mv	Lecturer	Center for Educational Technology and Excellence	CETE
7	Ahmed Shareef	ahmed.shareef@mnu.edu.mv	Lecturer	Center for Educational Technology and Excellence	CETE
8	Niuma Mohamed	niuma.mohamed@mnu.edu.mv	Lecturer	Center for Educational Technology and Excellence	CETE
9	Zameer Ahmed	zameer.ahmed@mnu.edu.mv	Lecturer	Center for Foundation Studies	CFS
10	Mohamed Shameem Adam	shameem.adam@mnu.edu.mv	Campus Manager	Faculty of Education	FE
11	Dr. Aminath Shafiya	aminath.shafiya@mnu.edu.mv	Assistant Professor	Faculty of Education	FE
12	Aminath Rinzy	aminath.rinzy@mnu.edu.mv	Lecturer	School of Nursing	SN
13	Sizna Mohamed	sizna.mohamed@mnu.edu.mv	Lecturer	School of Nursing	SN
14	Hashma Adnan	hashma.adnan@mnu.edu.mv	Lecturer	Faculty of Hospitality and Tourism Studies	FHTS

15	Mariyam Nadhira	<a href="mailto:mariyam.nadhira@mn.nu.edu.mv">mariyam.nadhira@mn.nu.edu.mv</a>	Lecturer	Faculty of Engineering, Science and Technology	FEST
16	Aminath Sudha	<a href="mailto:aminath.sudha@mn.u.edu.mv">aminath.sudha@mn.u.edu.mv</a>	Lecturer	MNU Business School	BS

## 5. FACILITATORS COORDINATION MEETINGS

A total of 8 coordination meetings were held to discuss the participants progress, issues that the participants have reported to the facilitators and way forward with the modules. Viber groups were also used to support the facilitation coordination.

Details of the meeting can be accessed from  
<https://drive.google.com/drive/u/0/folders/1BiSGNubGd9Vbjkc6Vu5C9Qdt6TCQRqD>

## 6. DETAILS OF MODULES AND CAPSTONE PROJECT COORDINATION

Before the start of the modules and capstone project the module coordinator conducted a module/capstone project briefing during an online meeting with all the facilitators. In the meeting the module/capstone project description, resources, task pathway, assessment were explained and discussed with the facilitators.

Module/Capstone project leaders were given a checklist which includes what needs to be done before, during and after each Module of the study programme.

The documents can be found here

[https://docs.google.com/document/d/1Ck-mtrWK5Fxm63QfvFoM08d526gKksgbwEiyTO-J\\_DU/edit](https://docs.google.com/document/d/1Ck-mtrWK5Fxm63QfvFoM08d526gKksgbwEiyTO-J_DU/edit)

The following table shows the details of the module/capstone project coordinators and the date the briefing meeting was held.



Module/Capstone	Coordinator Name	Meeting held date
M1- Foundations of e- learning	Ms. Fathimath Mumthaz	2nd March 2021
M2- Leadership and Management of e- learning	Mr. Ibrahim Adam	15th April 2021
M3- Designing digital learning	Ms. Niuma Mohamed	15th April 2021
M4- The networked teacher	Mr. Hamid Ali	8th June 2021
CP1- Capstone Project 1	Ms. Shimna Shakeeb	5th June 2021
CP2- Capstone Project 2	Ms.Aminath Zifna	4th August 2021

## 7. FACILITATION PLAN

A facilitation plan was developed and shared with all the facilitators before the start of the study program pilot . Facilitators were briefed on the facilitation plan during a coordination meeting.

Details of the plan can be accessed form

<https://docs.google.com/document/d/1T4aEK57EUF2NsKeJIDTLKUs1T-NWr4mY/edit#heading=h.17dp8vu>

## 8. COMPLETION OF THE MODULES/CAPSTONE PROJECT

The table belows shows the number of participants who have completed the study programme.

### Decision makers pathway

Module/Capstone	Registered	Withdrawal	Completed
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M1- Foundations of e-learning	11	3	8
M2- Leadership and Management of e- learning	8	3	5
Capstone Project 1	5	0	5

Two new participants were enrolled in the decision makers pathway. The table below shows their status as of 11th March 2022.

Module/Capstone	Participant 1	Participant 2
M1- Foundations of e- learning	Completed	Completed
M2- Leadership and Management of e- learning	Progressing	Progressing
Capstone Project 1		

### Lecturer pathway

Module/Capstone	Registered	Withdrawal	Completed
M1- Foundations of e-learning	64	9	51*
M3- Designing digital learning	56	1	49
M4- The networked teacher	55	0	43
Capstone Project 2	55	0	42

Two new participants were selected to complete the decision makers pathway. The table below shows their status as of 6th March 2022.

In Module 1(M1), four participants had to do re- assessments and they haven't attempted it

Two new participants were selected to complete the decision makers pathway. The table below shows their status as of 11th March 2022.

Module/Capstone	Participant 1	Participant 2
M1- Foundations of e- learning	Completed	Not Started
M3- Designing digital learning	Completed	Not Started
M4- The networked teacher	Completed	Not Started
Capstone Project 2	Not Started	Not Started

## 9. COMPLETION OF THE PILOT STUDY

A total of 51 participants have completed the study programme pilot.

- A total of 7 participants completed the decision makers pathway modules and capstone project
- A total of 44 participants completed all the modules and the capstone project.

Faculty/Center	Registered No	Completion No
Center for Foundation Studies	8	8
Faculty of Arts	7	1
Faculty of Education	9	6
Faculty of Engineering, Science and Technology	8	5
Faculty of Health Sciences	4	3
Faculty of Hospitality and Tourism Studies	3	3
Faculty of Shariah and Law	5	3

MNU Business School	7	3
Research and development office	2	1
School of Nursing	7	6
School of Medicine	5	5
<b>Total</b>	<b>65</b>	<b>44</b>

Faculty/Center	Registered No	Completion No
Vice Chancellor		
Deputy Vice Chancellor	1	0
Library	2	1
Examinations department	1	0
Training and development unit	1	1
Faculty of Education	1	0
Faculty of Health Sciences	1	0
School of Nursing	1	1
MNU Business School	1	0

Center for Maritime Studies	1	1
Quality Control Department	1	1
Center for Foundation Studies*	1	1
GDH. Campus*	1	1
<b>Total</b>	<b>12</b>	<b>7</b>

\*New participants

## 10. ISSUES IDENTIFIED IN COMPLETION OF THE MODULES/CAPSTONE PROJECT

During the pilot, all the facilitators were required to present a brief report based on the issues reported by the participants after the completion of each module. The following table summarises the main issues highlighted by the Facilitator based on the participants' feedback.

Module/Capstone	Issues
M1- Foundations of e- learning	<ul style="list-style-type: none"> <li>● Lot of readings</li> <li>● Not able to meet the passing score of 5 from each of the quiz given</li> </ul>
M2- Leadership and Management of e- learning	<ul style="list-style-type: none"> <li>● Not able to complete the given tasks within the due date given by the facilitators</li> </ul>
M3- Designing digital learning	<ul style="list-style-type: none"> <li>● Not able to complete the given tasks within the due date given by the facilitators</li> </ul>
M4- The networked teacher	<ul style="list-style-type: none"> <li>● Not able to complete the given tasks</li> </ul>



	<p>within the due date given by the facilitators which lead the task 2 -critical friend not being able to continue for all the participants. Later participants were allowed to continue without it and submit the final assessment</p>
<p>CP1- Capstone Project 1</p>	<ul style="list-style-type: none"> <li>● Not able to complete the given tasks within the due date given by the facilitators</li> <li>● Peer review process was slowed</li> </ul>
<p>CP2- Capstone Project 2</p>	<ul style="list-style-type: none"> <li>● Not able to complete the given tasks within the due date given by the facilitators</li> </ul>

