

LAPORAN PENGABDIAN MASYARAKAT

**SEAMEO QITEP in Mathematics Course on
Joyful Learning in Mathematics Education
for Southeast Asian Primary School Teachers**



Punang Amaripuja, S.E., S.T., M.IT

**PROGRAM STUDI MANAJEMEN
FAKULTAS EKONOMI DAN BISNIS
UNIVERSITAS MUHAMMADIYAH YOGYAKARTA
YOGYAKARTA
2017**

Community Service Report
Course on Teacher Made Teaching Aids for Primary School Teachers
SEAMEO QITEP in Mathematics
24 August - 6 September 2016

Reported by: Punang Amaripuja (Course Coordinator and Facilitator)

Type of Community Service:

International Course for Southeast Asian Primary School Teachers

Scope of Service:

International – Southeast Asia

Collaborating Institution:

Southeast Asian Ministers of Education Organization – Regional Centre for the Quality Improvement of Teachers and Education Personnel in Mathematics

Title:

SEAMEO QITEP in Mathematics Course on Joyful Learning in Mathematics Education for Primary School Teachers

Dates:

24 August – 6 September 2016

Duration:

2 weeks

Purpose of the Community Service:

The course aims to enhance primary school teachers' competence in creating a joyful mathematics learning environment in the school.

Participants:

This course was attended by 31 participants from Southeast Asia countries:

2 participants from Brunei Darussalam

1 participant each from Cambodia, Lao PDR, Malaysia, Thailand, Timor Leste, and Vietnam

23 participants from Indonesia.

Syllabus: Attached

Schedule of Activities: Attached

Structure of Programme
Course on Joyful Mathematics Learning for Primary School Teachers
SEAMEO Regional Centre for QITEP in Mathematics
Yogyakarta, 24 August – 6 September 2016 (100 hours @ 45 minutes)

No.	Component	Time Allocation (hour)	Percentage (%)
A	General Components	4	4
1	Current Issues in Mathematics Education	4	4
B	Core Components	88	88
1	Mathematics Teaching and Learning in Primary School	17	17
	a. Reflection on Mathematics Teaching Practices	3	3
	b. Understanding How Children Learn Mathematics	3	3
	c. Mathematics Problem Solving Approach (PSA)	4	4
	d. Number Sense	3	3
	e. Hypothetical Learning Trajectory	4	4
2	Joyful Learning	34	34
	a. Mathematics Anxiety	2	2
	b. The Concept and Principles of Joyful Learning	4	4
	c. Instructional Strategies and Approaches for Joyful Mathematics Learning	6	6
	d. Outdoor Mathematics	4	4
	e. Fun Mathematics and Arts	4	4
	f. Physical and Virtual Manipulatives for Mathematics Teaching and Learning	6	6
	g. IT Based Learning Resources	6	6
	h. Alternative Assessment in Joyful Learning	2	2
3	Preparing Mathematics Lesson	17	17
	a. Developing Lesson Plan	9	9
	b. Peer Teaching	8	8
4	Implementing Lesson Plan at School	10	10
	a. Real teaching	5	5
	b. Reflections	2	2
5	Writing the Report and Designing the Action Plan	10	10
	a. Developing the Report	8	8
	b. Designing the Action Plan	2	2
C	Supporting Components	8	8
1	Pre-test & Post-test	2	2
2	Course Orientation	2	2
3	Understanding SEAMEO Countries Cultures	2	2
4	Opening and Closing Ceremony	2	2
	Total Hours	100	100



Kementerian
Pendidikan dan Kebudayaan
Republik Indonesia

No. 333/QIM/RDCBT/D. 8/2016

This is to certify that



Southeast Asian Ministers
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(SEAMEO)
Regional Centre
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(QITEP) in Mathematics

Punang Amariputja, M.IT.

SEAMEO Regional Centre for QITEP in Mathematics

has participated in the

**Course on Joyful Learning in Mathematics Education
for Primary School Teachers
as Course Coordinator**

conducted by SEAMEO Regional Centre for QITEP in Mathematics,
Yogyakarta - Indonesia, August 24 - September 6, 2016



Prof. Subanar, Ph.D.

Director of SEAMEO Regional Centre
for QITEP in Mathematics





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