

ด่วนที่สุด

ที่ ศธ 0604/ 3609



วิทยาลัยสารพัดช่างลำปาง

รับที่..... 589

วันที่..... 9 มีนาคม 2569

เวลา..... 13.33 น.

สำนักงานคณะกรรมการการอาชีวศึกษา
กระทรวงศึกษาธิการ กทม. 10300

6 มีนาคม 2569

เรื่อง ประชาสัมพันธ์ทุนฝึกอบรมของศูนย์ SEAMEO QITEP in Mathematics ประจำปี 2569

เรียน ผู้อำนวยการสถาบันการอาชีวศึกษาและผู้อำนวยการสถานศึกษา

สิ่งที่ส่งมาด้วย รายละเอียดหลักสูตร จำนวน 1 ฉบับ

ด้วยศูนย์ระดับภูมิภาคว่าด้วยการพัฒนาคุณภาพครูและบุคลากรทางการศึกษาด้านคณิตศาสตร์ของซีมีโอ (SEAMEO Regional Centre for Quality Improvement of Teachers and Education Personnel in Mathematics: SEAMEO QITEP in Mathematics – ซีมีโอซีทีพีด้านคณิตศาสตร์) เมือง Yogyakarta สาธารณรัฐอินโดนีเซีย เสนอให้ทุนแก่รัฐบาลไทยเพื่อส่งบุคลากรเข้าร่วมการฝึกอบรมหลักสูตร Regular Course on Integrating ICT in Mathematics Education ระหว่างวันที่ 6 – 19 สิงหาคม 2569 ณ ศูนย์ SEAMEO QITEP in Mathematics ซึ่งผู้เข้าร่วมอบรมจะต้องเป็นครูคณิตศาสตร์ระดับมัธยมศึกษาตอนปลาย หรืออาชีวศึกษามีอายุไม่เกิน 50 ปี มีประสบการณ์ในการสอนอย่างน้อย 3 ปี มีความรู้ความสามารถด้านทักษะการใช้ภาษาอังกฤษเป็นอย่างดี มีสุขภาพแข็งแรง และไม่ได้อยู่ในระหว่างตั้งครุภัง ซึ่งผู้จัดจะรับผิดชอบค่าบัตรโดยสารเดินทางระหว่างประเทศ (ไป-กลับ ชั้นประหยัด) ค่าพาหนะรับส่งสนามบินในอินโดนีเซีย ค่าที่พัก และค่าอาหารให้กับผู้ที่ได้รับการคัดเลือกให้เข้าร่วมการฝึกอบรม รายละเอียดตามสิ่งที่ส่งมาด้วย

สำนักงานคณะกรรมการการอาชีวศึกษา จึงขอประชาสัมพันธ์ทุนฝึกอบรมของศูนย์ SEAMEO QITEP in Mathematics ประจำปี 2569 ให้สถาบันการอาชีวศึกษาและสถานศึกษาในสังกัดทราบ โดยผู้สนใจสามารถกรอกใบสมัครและส่งมายังระบบสารบรรณอิเล็กทรอนิกส์ (AMS e-Office) ของสำนักนโยบายและแผนการอาชีวศึกษา ภายในวันที่ 11 มีนาคม 2569

จึงเรียนมาเพื่อทราบและดำเนินการในส่วนที่เกี่ยวข้องต่อไป

เรียน ผู้อำนวยการ

ด้วย สอศ. แจ้งประชาสัมพันธ์ทุนฝึกอบรมของศูนย์ SEAMEO QITEP in Mathematics ประจำปี 2569 มาเพื่อ

/ เพื่อโปรดทราบ
/ เพื่อโปรดพิจารณา
/ เห็นควรแจ้ง/เห็นควรมอบ.....

นางสาวอัญชลี ธรรมศรีใจ
หัวหน้างานบริหารงานทั่วไป
9 มี.ค. 69

(นายสง่า แต่เชื้อสาย)

ของเลขาธิการคณะกรรมการการอาชีวศึกษา ปฏิบัติราชการ
เลขาธิการคณะกรรมการการอาชีวศึกษา 9 มี.ค. 69

เรียน ผู้อำนวยการ

- เพื่อโปรดทราบ
- เพื่อโปรดพิจารณา
- เห็นควรแจ้ง.....
- เห็นควรมอบ.....

(นายสมพงษ์ นนตะภาพ)
รองผู้อำนวยการวิทยาลัยสารพัดช่างลำปาง

สำนักนโยบายและแผนการอาชีวศึกษา

โทร. 0 2026 5555 ต่อ 3012

โทรสาร 0 2280 1252

ทราบ.....

แจ้ง.....

มอบ.....

(นายวิษุทธิ์ ลีจินดา)

ผู้อำนวยการวิทยาลัยสารพัดช่างลำปาง

9 มี.ค. 69

“เรียนดี มีคุณธรรม”



เลขที่ 310
 วันที่ 14 04
 เวลา 14 04

Ref: 031/QiM.1.2/PP/2026

29 January 2026 สำนักงานปลัดกระทรวงศึกษาธิการ

Handwritten signature

Dr Suthep Kaengsanthia
 Permanent Secretary
 Ministry of Education
 Ratchadamnoen Nok Road
 Dusit
 Bangkok 10300
THAILAND

Subject: Invitation to Nominate Participants for SEAQIM Regular Courses 2026

Dear Dr Suthep Kaengsanthia,

We are pleased to announce that in 2026 SEAMEO Regional Centre for QITEP in Mathematics (SEAQIM) will conduct three regular courses for Primary School, Junior High School, and Senior High School mathematics teachers.

The courses will focus on Joyful Learning in Mathematics Education, STEM for Mathematics Learning, and Integrating ICT in Mathematics Learning, aiming to strengthen teachers' professional competencies in line with current educational developments. All courses will be conducted onsite in Yogyakarta, Indonesia.

Each course is allocated for 20 participants from Indonesia and 10 participants from other SEAMEO Member Countries. In this regard, we respectfully invite Ministry of Education Thailand to nominate one (1) eligible participant for each of the following courses:

No	Theme and course date	Level	Number of nominees	Deadline	Announcement date
1.	Regular Course on Joyful Learning in Mathematics Education 16 – 29 April 2026	Junior High School Mathematics Teachers	1 teacher	28 February 2026	2 April 2026
2.	Regular Course on STEM for Mathematics Learning 16 – 29 July 2026	Primary School Teachers	1 teacher	4 May 2026	26 June 2026
3.	Regular Course on Integrating ICT in Mathematics Education 6 – 19 August 2026	Senior High School Mathematics Teachers	1 teacher	19 June 2026	17 July 2026

Enclosed herewith are the General Information and Course Descriptions for each course. Prospective participants are required to complete their registration online through the following link: seaqim.id/regularOS26 no later than the respective registration deadlines.

We would also be most grateful for the kind assistance of your esteemed office in disseminating this information to relevant institutions and encouraging qualified educators to apply within the designated application periods.

Should you require any further information or assistance, please do not hesitate to contact us via WhatsApp at +628112577072 or email at secretariat@qitepinmath.org.

We look forward to the participation of Thailand's outstanding educators in these meaningful professional development programs.

Thank you for your continued support and collaboration.



Centre Director,

Dr. Sri Wulandari Danoebroto



**Southeast Asian Ministers of Education Organization (SEAMEO)
Regional Centre for Quality Improvement of Teachers and
Education Personnel (QITEP) in Mathematics (SEAQiM)**

Jl. Kaliurang Km. 6, Sambisari, Condongcatur, Depok, Sleman, Yogyakarta, Indonesia.
Phone: +62274 899955, Email: sekretariat@qitepinmath.org, Website: www.qitepinmath.org

**General Information
Onsite (Face-to-Face) Regular Course
Fiscal Year 2026**

A. Participant Requirements

Participants must meet all of the following criteria:

1. Mathematics teachers or classroom teachers (primary school level);
2. Aged 50 years or below;
3. Have a minimum of three (3) years of teaching experience;
4. Preferably proficient in English;
5. In good health and able to attend a two-week course (proven by a medical certificate issued by a hospital or licensed doctor); and not currently pregnant during the course period (for female participants).

B. Rights

1. **Course Materials**

All participants will receive course materials and stationery, subject to the Centre's applicable terms and conditions.

2. **Certificate**

Participants who successfully complete the course and fulfill all program requirements will be awarded an official certificate of participation.

3. **Meals and Accommodation**

The Centre will provide:

- Twin-sharing accommodation;
- Daily meals; and
- Snacks throughout the course period.

4. **Daily Allowance**

Participants are entitled to receive a daily allowance in accordance with the Centre's regulations.

C. Transportation and Reimbursement

The Centre will reimburse **economy-class roundtrip airfare** (from the participant's capital city or the nearest international airport to **Yogyakarta International Airport (YIA)** and vice versa), subject to the maximum amounts listed below.

Important: All ticket purchases **must be coordinated with SEAQiM in advance.**

No	Airport	Country/City	Maximum Ticket Price (USD)
1	Don Mueang	Thailand	500
2	Suvarnabhumi	Thailand	500
3	Kuala Lumpur	Malaysia	200
4	Kota Kinabalu	Malaysia	480
5	Kuching	Malaysia	364
6	Johor	Malaysia	410
7	Penang	Malaysia	350
8	Tawau	Malaysia	630
9	Changi	Singapore	280
10	Hanoi	Vietnam	590
11	Ho Chi Minh City	Vietnam	650

No	Airport	Country/City	Maximum Ticket Price (USD)
12	Vientiane	Lao PDR	850
13	Phnom Penh	Cambodia	560
14	Dili	Timor-Leste	350
15	Bandar Seri Begawan	Brunei Darussalam	820
16	Yangon	Myanmar	550
17	Manila	Philippines	450
18	Davao	Philippines	650

Required documents for reimbursement:

1. Roundtrip flight tickets.
2. Invoice or proof of ticket payment (the Centre reserves the right to verify ticket authenticity).
3. Boarding passes and airport tax receipts.
4. Nomination letter or official endorsement from the participant's institution or government.

D. Participant Responsibilities

All participants are required to:

1. Bring a laptop.
2. Bring casual clothing suitable for daily exercise.
3. Bring any personal medication needed for emergencies.
4. Full Participation

Participants are required to attend and actively participate in all scheduled sessions and program activities throughout the course period.

E. Arrival and Departure

Participants are expected to:

- Arrive at Yogyakarta one (1) day before the course begins; and
- Depart one (1) day after the course ends.

F. Inquiries

SEAMEO Regional Centre for QITEP in Mathematics

Jalan Kaliurang Km. 6, Sambisari, Condongcatur, Depok, Sleman,
Yogyakarta, Indonesia 55283

Phone: +62 274 889955

WhatsApp: +62 811 2577 072

Email: secretariat@qitepinmath.org

Regular Course
SEAMEO Regional Centre for QITEP in Mathematics (SEAQIM)
2026

A. SEAQIM's Regular Course

1. Each Regular Course Program theme will be conducted for 100 Learning Hours, with each learning hours lasting for 45 minutes.
2. The SEAQIM Regular Course Program for the year 2026 will be conducted onsite in Yogyakarta.
3. The tentative schedule of each course will be communicated to participants approximately one week before the course begins.
4. Participants will be facilitated by the SEAQIM Academic Team and several mathematics education experts from leading institutions worldwide during the course program.
5. Eligible participants will be awarded a certificate of participation based on the terms and conditions set by SEAQIM.
6. These courses are fully funded by DIPA Bureau of Planning and Cooperation, Ministry of Primary and Secondary Education, Republic of Indonesia, 2026 budget based on special terms and conditions.

B. Tentative Schedule

No	Theme	Course Dates	Level	Deadline*	Announcement Date*
1	Regular Course on Joyful Learning in Mathematics Education	16 – 29 April 2026	Junior High School Mathematics Teachers	28 February 2026	2 April 2026
2	Regular Course on STEM for Mathematics Learning	16 – 29 July 2026	Primary School Teachers	4 May 2026	26 June 2026
3	Regular Course on Integrating ICT in Mathematics Learning	6 – 19 August 2026	Senior High School/ Vocational School Mathematics Teachers	19 June 2026	17 July 2026

C. Program Description

1. Course on Joyful Learning in Mathematics Education for Junior High School Mathematics Teachers

Course Dates: 16 – 29 April 2026

Course on Joyful Learning in Mathematics Education provides mathematics teachers with a different perspective in teaching mathematics. Teachers are introduced to various joyful activities to promote meaningful mathematics learning, such as mathematics games, physical and virtual manipulatives, as well as hands-on activities. Furthermore, the course also provides the opportunity for teachers to collaborate with each other in designing and implementing learning experiences that incorporate those activities.

At the end of the course, participants should be able to:

- a. explain the principle of joyful learning in mathematics education,
- b. identify and select appropriate joyful learning strategies for different mathematics topics and students' needs, and
- c. develop and implement mathematics learning applying joyful learning.

Course Contents

- a. Introduction to SEAMEO
- b. Current Issues and Trends in Mathematics Education
- c. The Concept and Principle of Joyful Learning
- d. Instructional Strategies and Approaches for Joyful Learning
- e. Outdoor Mathematics
- f. Mathematics and Art
- g. Mathematics and Games
- h. Exploring Virtual Manipulatives for Mathematics Teaching and Learning
- i. Exploring Physical Manipulatives for Mathematics Teaching and Learning
- j. Alternative Assessment in Joyful Learning
- k. Mathematical Literacy
- l. Differentiated Instructions in Mathematics Education
- m. Integrative STEM Teaching and Learning
- n. Hypothetical Learning Trajectory
- o. Problem Solving
- p. Developing Lesson Plan, Peer teaching, Real teaching, and Reflection
- q. Writing group report and Designing Individual Action plan

2. Course on STEM for Mathematics Learning for Primary School Teachers

Course Dates: 16 – 29 July 2026

Science, Technology, Engineering, and Mathematics (STEM) has been a major topic of discussion in the field of education, due to it being the most esteemed field to respond to the demands of the 21st century. STEM education will be important knowledge for teachers in order to educate the future high-quality workforce. However, there is a considerable lack of STEM programs offered by the educational institutions in Indonesia.

SEAQiM proposes to hold this course to answer this shortage, especially for mathematics teachers. In this course, the topic concerns the STEM for mathematics learning perspective; how teachers can implement the STEM approach in their mathematics classroom despite the content and assessment suggested by the curriculum, which often still compartmentalize each subject. The STEM approach is an innovative and novel way of teaching mathematics, which is important to keep mathematics learning meaningful and joyful.

At the end of the course, participants should be able to:

- a. explain the characteristics of STEM education,
- b. design STEM activities for mathematics' teaching and learning,
- c. develop and implement STEM Lesson

Course Contents

- a. Introduction to SEAMEO
- b. Current Issues and Trends in Mathematics Education
- a. Introduction to STEM Education
- b. Engineering Design Process
- c. STEM Activities in Primary School
- d. Mathematics in Context
- e. Mathematical Modelling
- f. Assessment in STEM
- g. Integrating Art in STEM Learning
- h. Problem Solving
- i. Hypothetical Learning Trajectory
- j. Computational Thinking
- k. Mathematical Literacy
- l. Digital Mathematics Environment
- c. Developing Lesson Plan, Peer teaching, Real teaching, and Reflection
- d. Writing group report and Designing Individual Action plan

3. Course on Integrating ICT in Mathematics Learning for Senior High School/ Vocational School Mathematics Teachers

Course Dates: 6 – 19 August 2026

The use of ICT (Information, Communication, and Technology) in Mathematics provides great support for teaching and learning Mathematics. ICT gives educators the chance to take advantage of the notion that it can help students in visualizing mathematical ideas and concepts. However, ICT can really provide effective support where teachers are equipped with the necessary abilities on how to use technologies in the mathematics teaching and learning process.

To provide support for mathematics teachers, SEAQiM has created this course which aims to develop the skills required in integrating ICT into their classrooms. With this knowledge teachers can support students to develop the 21st Century skills required for their future workplaces.

At the end of the course, participants should be able to:

- a. Explain the concept and principle of integrating ICT into Mathematics teaching and learning.
- b. Select, use, and design ICT based mathematics learning media.
- c. Develop and implement ICT based mathematics lessons.

Course Contents

- a. Introduction to SEAMEO
- b. Current Issues and Trends in Mathematics Education
- c. Technological Pedagogical Content Knowledge
- d. How to teach and Learn Space and Geometry with GeoGebra
- e. How to teach and Learn Statistic and Probability with GeoGebra
- f. How to Teach and Learn Algebra, Relation, Functions with Desmos.
- g. Simple Programming and Coding in Mathematics Classroom with GeoGebra
- h. Game for Mathematics Teaching
- i. Designing Learning Media Using ICT
- j. Assessment in Mathematics Learning using ICT
- k. Hypothetical Learning Trajectory
- l. Computational Thinking Developing Lesson Plan, Peer teaching, Real teaching, and Reflection
- m. Writing group report and Designing Individual Action plan