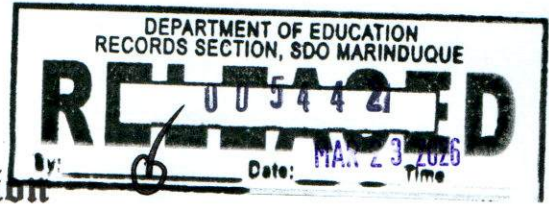




Republic of the Philippines  
**Department of Education**  
 SCHOOLS DIVISION OF MARINDUQUE



Office of the Schools Division Superintendent

**MEMORANDUM**  
 SGOD-2026-056

TO: Assistant Schools Division Superintendent  
 Chief Education Supervisors  
 Public Schools District Supervisors  
 Public Elementary, Secondary, and Integrated School Heads  
 All Others Concerned

FROM: **LYNN G. MENDOZA, EdD**  
 OIC, Schools Division Superintendent

SUBJECT: **CALL FOR NOMINATIONS TO THE 2026 SEAMEO REGIONAL CENTRE FOR QUALITY IMPROVEMENT OF TEACHERS AND EDUCATION PERSONNEL (QITEP) IN MATHEMATICS (SEAQIM) REGULAR COURSES**

DATE: March 18, 2026

1. Attached is Memorandum HRDD-2026-044 from the Office of the Regional Director, Dr. Nicolas T. Capulong, CESO III dated March 17, 2026 titled "Call for Nominations to the 2026 SEAMEO Regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics (SEAQIM) Regular Courses," which announces the acceptance of applications for the said scholarship programme under the Southeast Asian Ministers of Education Organization (SEAMEO) Regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics, with the following program details:

<b>Program Title</b>	Regular Course on STEM for Mathematics Learning
<b>Training Schedule</b>	July 16-29, 2026
<b>Modality</b>	On-site (Yogyakarta, Indonesia)
<b>Qualifications</b>	<ul style="list-style-type: none"> <li>a. must be a Mathematics classroom teacher teaching at the primary level;</li> <li>b. under the age of fifty (50) years old;</li> <li>c. with at least three (3) years of teaching experience;</li> <li>d. proficient in English;</li> <li>e. in excellent health;</li> <li>f. not currently pregnant (for female participants);</li> <li>g. committed to completing the required post-programme outputs</li> </ul>
<b>Provisions Covered</b>	Twin-sharing accommodation, daily meals and snacks, course materials, daily allowance, certificate of participation, reimbursement of economy-class round-trip



Address: T. Roque St., Malusak, Boac, Marinduque  
 Tel. No.: (042) 754-0247 • Fax No.: (042) 332-1611  
 Email: marinduque@deped.gov.ph  
 Website: <https://depedmarinduque.com>

	airfare from Manila, Philippines to Yogyakarta International Airport and vice-versa, subject to the maximum prescribed ticket price of USD 450
<b>Deadline of Application</b>	April 3, 2026

<b>Program Title</b>	Regular Course on Integrating ICT in Mathematics Education
<b>Training Schedule</b>	August 6-9, 2026
<b>Modality</b>	On-site (Yogyakarta, Indonesia)
<b>Qualifications</b>	<ul style="list-style-type: none"> <li>a. must be a Mathematics classroom teacher teaching at the senior high school level;</li> <li>b. under the age of fifty (50) years old;</li> <li>c. with at least three (3) years of teaching experience;</li> <li>d. proficient in English;</li> <li>e. in excellent health;</li> <li>f. not currently pregnant (for female participants);</li> <li>g. committed to completing the required post-programme outputs</li> </ul>
<b>Provisions Covered</b>	Twin-sharing accommodation, daily meals and snacks, course materials, daily allowance, certificate of participation, reimbursement of economy-class round-trip airfare from Manila, Philippines to Yogyakarta International Airport and vice-versa, subject to the maximum prescribed ticket price of USD 450
<b>Deadline of Application</b>	May 6, 2026

2. **All interested teachers must meet the qualifications and submit the following documentary requirements, in-person to the SGOD-Human Resource Development Section, on or before the above-stated deadline of application:**

- a. Letter of intent addressed to the SDS;
- b. Updated and notarized Personal Data Sheet (PDS);
- c. Written endorsement from the school head;
- d. Photocopy of approved IPCRF for the past three rating periods;
- e. Updated service record with “for scholarship purposes” remarks;
- f. Photocopy of a valid Philippine passport;
- g. Medical certificate from any government physician;
- h. Certificate of no pending administrative/legal charges;
- i. Certification of no pending application for retirement from HRMO;
- j. Proof of English fluency (if any);
- k. Accomplished and signed Workplace Application Plan (WAP);
- l. Accomplished general eligibility requirements/checklist;
- m. Scholarship clearance.

**Documentary requirements l and m shall be accomplished in person by the applicant once submitted to the SGOD-HRDS on or before the deadline.**

3. All nominees, regardless of sex, sexual orientation, gender identity, gender expression, marital status, physical features, impairment or disability, work-related injury, religious belief or activity, ethnicity, political belief, affiliation, or activity, shall be

given equal opportunity to avail and attend L&D programs, including scholarship opportunities, to enhance competencies.

4. Applications may be disqualified due to various reasons, such as but not limited to, incomplete requirements, lack of official endorsement/s, direct sending of requirements to the SEAMEO QITEP, NEAP-CO, or MIMAROPA RO HRDD email addresses, discrepancies in documents, etc.

5. For clarifications, please contact Mr. Kyle David V. Atienza, Senior Education Program Specialist – Human Resource Development Section, through [kyledavid.atienza@deped.gov.ph](mailto:kyledavid.atienza@deped.gov.ph).

6. Immediate dissemination of and compliance with the contents of this Memorandum are desired.

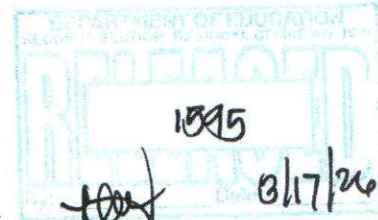
*/SGOD-HRDS-KDA*



**Address:** T. Roque St., Malusak, Boac, Marinduque  
**Tel. No.:** (042) 754-0247 • **Fax No.:** (042) 332-1611  
**Email:** [marinduque@deped.gov.ph](mailto:marinduque@deped.gov.ph)  
**Website:** <https://depedmarinduque.com>



Republic of the Philippines  
**Department of Education**  
 MIMAROPA REGION



**Office of the Regional Director**

**MEMORANDUM**  
 HRDD-2026-044

**TO : SCHOOLS DIVISION SUPERINTENDENTS**

**FROM : NICOLAS T. CAPULONG, PhD, CESO III**  
 Director IV  
 Regional Director

**SUBJECT : CALL FOR NOMINATIONS TO THE 2026 SEAMEO REGIONAL CENTRE FOR QUALITY IMPROVEMENT OF TEACHERS AND EDUCATION PERSONNEL (QITEP) IN MATHEMATICS (SEAQIM) REGULAR COURSES**

**DATE : March 17, 2026**

In view of the attached DepEd Memorandum DM-OULS-2026-105, the Department of Education (DepEd) through the Southeast Asian Ministers of Education Organization (SEAMEO) Regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics announces its call for nomination for its regular courses with the following details:

Regular Courses	Schedule	Target Participants	Deadline of Nomination
Regular Course On STEM for Mathematics Learning	July 16-29, 2026	One (1) Primary School Teacher	April 07, 2026
Regular Course on Integrating ICT in Mathematics Education	August 6-9, 2026	One (1) Senior High School (SHS) Mathematics Teacher	May 11, 2026
Modality	<b>On-Site</b>		
Training Location	<b>Yogyakarta, Indonesia</b>		

For selection purposes, each Schools Division Personnel Development Committee (SDPDC) / Human Resource Development Committee (HRDC) are requested to submit at least one (1) eligible nominee per course. SDPDC must submit all the



**Address:** Meralco Avenue corner St. Paul Road, Pasig City  
**Telephone Nos.:** (02) 8631-4070 | (02) 8637-2895 | (02) 8637-1799  
**Email Address:** mimaropa.region@deped.gov.ph  
**Website:** depedmimaroparegion.ph



documents of the qualified nominees listed in the **Eligibility and Documentary Checklist** (*Enclosure 1*) and the **Scholarship Clearance** (*Enclosure 2*) through the link: <https://tinyurl.com/SeaMEOQIM2026>, in accordance with following qualifications and other documentary requirements:

Qualifications	Other Documentary Requirements
<ol style="list-style-type: none"> <li>1. Must be Mathematics Classroom Teachers;</li> <li>2. Under fifty (50) years old;</li> <li>3. With at least three(3) years of teaching experience;</li> <li>4. Proficient in English;</li> <li>5. In excellent health (<i>supported by medical certificate</i>); and</li> <li>6. Not currently pregnant (<i>for female participants</i>).</li> </ol>	<ol style="list-style-type: none"> <li>1. Regional Office Nomination Form</li> <li>2. Updated Personal Data Sheet</li> <li>3. Work Experience Sheet</li> <li>4. Endorsement from the immediate supervisor and Schools Division Superintendent</li> <li>5. Proof/s of outstanding accomplishments (relevant certificates)</li> <li>6. Two (2) most recent Individual Performance and Commitment Review Form (IPCRF) ratings</li> <li>7. Updated Service Record</li> <li>8. Certificate of No Pending Case</li> <li>9. Passport</li> <li>10. Duly Signed Work Application Plan</li> <li>11. Medical Certificate</li> </ol>

List of successful nominees will be released through a separate memorandum and are instructed to accomplish and upload their applications through the link: <https://forms.office.com/r/meUZ2wWx7z>, immediately for final screening for the Central Office and/or the sponsoring agency.

Please be advised that applications may be disqualified for various reasons, including but not limited to incomplete requirements, absence of official endorsement(s), direct submission of applications to the Secretariat's email, or discrepancies in the submitted documents, among others.

For further questions and clarifications, kindly contact Mr. Jun-Jun M. Pabillo of the National Educators Academy of the Philippines in the Region (NEAP-R) via email at [mimaropaneap@deped.gov.ph](mailto:mimaropaneap@deped.gov.ph), or through telephone no. (02) 8637-3553.

For immediate dissemination and appropriate action.



Republika ng Pilipinas

## Department of Education

OFFICE OF THE UNDERSECRETARY FOR LEARNING SYSTEMS

**MEMORANDUM**

DM-OULS-2026-105

**TO** : Regional Directors  
Schools Division Superintendents  
School Heads  
All Others Concerned

**FROM** : *Carmela C. Oracion*  
CARMELA C. ORACION  
Assistant Secretary  
Officer-in-Charge  
Office of the Undersecretary for Learning Systems

**SUBJECT** : CALL FOR NOMINATIONS TO THE 2026 SEAMEO REGIONAL CENTRE FOR QUALITY IMPROVEMENT OF TEACHERS AND EDUCATION PERSONNEL (QITEP) IN MATHEMATICS (SEAQIM) REGULAR COURSES

**DATE** : 11 March 2026

1. The **Southeast Asian Ministers of Education Organization (SEAMEO) Regional Centre for Quality Improvement of Teachers and Education Personnel (QITEP) in Mathematics (SEAQIM)** announces its Call for Nomination for its regular courses. Details are as follows:

Regular Course	Schedule	Target Participants	Deadline
Regular Course on STEM for Mathematics Learning	16 – 29 July 2026	One (1) Primary School Teacher	9 April 2026
Regular Course on Integrating ICT in Mathematics Education	6-9 August 2026	One (1) Senior High School Mathematics Teacher	18 May 2026
Modality	<b>On-Site</b>		
Training Location	<b>Yogyakarta, Indonesia</b>		
Provisions covered by SEAQIM for qualified participants	<ul style="list-style-type: none"> <li>• <b>Twin-sharing accommodation</b></li> <li>• <b>Daily meals and Snacks throughout the course period</b></li> <li>• <b>Course Materials</b></li> <li>• <b>Daily Allowance</b> in accordance with the Center's regulations</li> <li>• <b>Certificate of Participation</b></li> <li>• <b>Transportation and Reimbursement</b> The Center will reimburse <b>economy-class roundtrip airfare</b> from the participant's capital city or nearest international airport to Yogyakarta International Airport</li> </ul>		

	(YIA) and vice-versa, subject to the maximum prescribed ticket price of <b>USD 450 for Manila-Yogyakarta</b> and <b>USD 650 for Davao-Yogyakarta, Indonesia.</b>
Application Submission Link	<a href="https://forms.office.com/r/meUZ2wWx7z">https://forms.office.com/r/meUZ2wWx7z</a>

2. For selection purposes, the National Educators Academy of the Philippines (NEAP) encourages each Regional Office Personnel Development Committee (PDC) to nominate at least one (1) eligible teacher per slot. RO PDCs are also encouraged to refer to their respective Pool of Potential Scholars to facilitate a more efficient and expeditious nomination process. Nominees must individually accomplish and submit all documents listed in the **Eligibility and Documentary Checklist (Enclosure 1)** and the **Scholarship Clearance (Enclosure 2)**.
3. The teacher to be nominated must meet the following qualifications:
  - a. Must be Mathematics Classroom Teachers;
  - b. Under fifty (50) years old;
  - c. With at least three (3) years of teaching experience;
  - d. Proficient in English;
  - e. In excellent health (supported by a medical certificate); and
  - f. Not currently pregnant (for female participants)
4. Nominated applicants are each required to accomplish and submit requirements (in PDF Form) via the provided submission link on or before the respective course deadlines. These requirements include:
  - a. Regional Office Nomination Form
  - b. Recent Personal Data Sheet (PDS)
  - c. Work Experience Sheet
  - d. Endorsements from the Immediate Supervisor and Schools Division Office
  - e. Proof/s of outstanding accomplishments (relevant certificates)
  - f. Two (2) most recent Individual Performance and Commitment Review Form (IPCRF) ratings
  - g. Updated Service Record
  - h. Certificate of No Pending Case
  - i. Passport
  - j. Work Application Plan
  - k. Medical Certificate
5. Kindly be advised that applications may be disqualified for various reasons, including but not limited to incomplete requirements, absence of official endorsement(s), direct submission of applications to the Secretariat's email, or discrepancies in the submitted documents, among others.
6. For more information regarding the course programs, kindly refer to the attached **General Information and Course Descriptions**.
7. For concerns and queries, please contact the **NEAP Scholarships Secretariat** via email at [scholarships@deped.gov.ph](mailto:scholarships@deped.gov.ph) or landline (02) 8715-9919.
8. For immediate dissemination and appropriate action.

*act*



Republika ng Pilipinas

## Department of Education

NATIONAL EDUCATORS ACADEMY OF THE PHILIPPINES

### GENERAL ELIGIBILITY REQUIREMENTS/CHECKLIST

Name:
Scholarship Program:
Sponsoring Agency/Organization:
Region/SDO:
Work Station:

Remarks (✓, X, others)	Eligibility	Documentary Requirements
	a. Must be a Filipino citizen.	Updated Personal Data Sheet
	b. Must have obtained a very satisfactory (VS) performance rating for two (2) consecutive years.	Latest rated performance rating with approved IDP
	c. Must present his/her Individual Development Plan (IDP) that is validated by the head of the office.	
	d. Must be holding a permanent item.	Updated Service Record
	f. Must have no master's degree (for those who will apply for a master's degree) and shall have no doctoral degree (for those who will apply for a doctoral degree).	Updated Personal Data Sheet
	g. Must have no current or pending enrollment in other institutions for graduate or postgraduate degree programs (for degree programs).	
	h. Must be willing to sign a Scholarship Contract and commit to its provisions.	(shall be complied after being officially nominated)
	j. Must have no pending administrative, civil, or criminal case, and must have not been found guilty of any violation involving moral turpitude, corruption, or fraud.	Certificate of no pending administrative/legal charges





Republika ng Pilipinas

Department of Education  
NATIONAL EDUCATORS ACADEMY OF THE PHILIPPINES

SCHOLARSHIP CLEARANCE

I. NAME		
II. Position/Designation		
III. Permanent Station		
IV. Has availed any scholarship program	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, fill out sections V-X, as applicable.
V. Scholarship Program	Program Type	Title of the Program
	<input type="checkbox"/> Degree <input type="checkbox"/> Non-Degree	
VI. Scholarship Duration		
VII. Status	<input type="checkbox"/> Completed the Course  (Submit a copy of Certificate of Completion)	<input type="checkbox"/> Withdrawn from the Course  (State the reason below)





Republika ng Pilipinas

# Department of Education

NATIONAL EDUCATORS ACADEMY OF THE PHILIPPINES

<b>VIII. Reason/s for Non-Completion</b> (must be supported by attachments)	<input type="checkbox"/> Resignation <input type="checkbox"/> Transfer <input type="checkbox"/> Retirement <input type="checkbox"/> Others Explain further.	
<b>IX. Service Obligation</b>	No. of Months/Yrs Required	No. of Months/Yrs Completed
<b>X. Reason for Non-Completion</b> (must be supported by attachments)	<input type="checkbox"/> Resignation <input type="checkbox"/> z <input type="checkbox"/> Retirement <input type="checkbox"/> Others Explain further.	
<i>I hereby attest that the information in this form and the supporting documents attached hereto are true and correct</i>		
Name and Signature of the Scholar		Date and Time
<i>This is to certify that the information in this form and the supporting documents attached hereto are true and correct</i>		
Name and Signature of the Recommending Authority (SDO - HRDD)		Date and Time
<b>APPROVED</b>		
Name and Signature of the Recommending Authority (RO-HRDD)		Date and Time





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

Jl. Kaliburang Km. 6, Sambutan, Condongpaku, Depok, Sleman, Yogyakarta, Indonesia  
Phone: +62 274 596655, Email: secretariat@qitep-math.org, Website: www.qitep-math.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	580
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](mailto: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