



SEAMEO RECSAM

Quarterly Report (July – September 2019)

A Type of Programmes and Activities & Strategic Goals

Strategic Goal | 1

Conduct research & development activities to inform pedagogy and policy

- SEAMEO Basic Education Standards (SEA-BES)
- SEAMEO Learning Science and Mathematics Together in a Borderless World [LeSMaT (Borderless)]
- Literacy of Socio-Scientific Issues
- Examining Linguistics Characteristics as a Source of Gender Differential Performance for Science Items in Secondary Schools

Strategic Goal | 2

Design and implement high quality professional development programmes

- Regular Courses for F. Y. 2019 / 2020 (Batch 1) (5 to 30 August 2019)
- Workshop on “Enhancing the Competency and Professionalism of STEM Teachers” in collaboration with Teacher Education Division, Ministry of Education Malaysia (23 to 25 July 2019)
- Training Course for Kanchanapisek Wittayalai Nakhon Pathom School, Thailand on “Enhancing Active Learning through STEM Education” (29 to 31 July 2019)
- STEM Education Workshops for Teacher Training Institute Ipoh Campus (23 to 25 July 2019)
- Workshop on “Effective Inquiry-based Learning in Science Lesson” (15 & 16 August 2019)
- Workshop on “Enhancing Conceptual Understanding in Mathematics through GeoGebra ” (28 & 29 August 2019)
- Workshop on “Active Learning in Mathematics Supported by Blended Mode Activities” (22 & 23 August 2019)
- Workshop on “Mathematical Understanding Amongst Undergraduate Students” (2 to 4 August 2019)

Strategic Goal | 3

Ensure strong collaboration and active networking with experts, institutions and the community

- Centre Directors’ Meeting 2019, Bangkok, Thailand (6 to 8 August 2019)
- SEAMEO SEARCA Staff Exchange Programme, RECSAM, Penang (7 to 9 August 2019)
- Penang STEM Study Contest (24 August 2019)

Strategic Goal | 4

Serve as an effective clearinghouse for information

- Colloquium “STEM or STEAM - A Context in Korean Education” (13 August 2019)
- Colloquium “Promoting Lifelong Learning and STEM Literacy through Non-formal / Informal Education: The Roles and Involvement of Ministry of Education Malaysia” and “Mathematical Games for Lifelong Learning” (21 August 2019)

Strategic Goal | 5

Strengthen quality assurance in the management of resources and services rendered

- 11th Five-Year Development Plan Regional Workshop (31 July to 2 August 2019)
- SEAMEO RECSAM Pre-Council 50th Governing Board Meeting 2019 (30 August 2019)
- SEAMEO RECSAM 50th Governing Board Meeting 2019, Kuala Lumpur (24 to 26 September 2019)

B List of Programmes & Activities

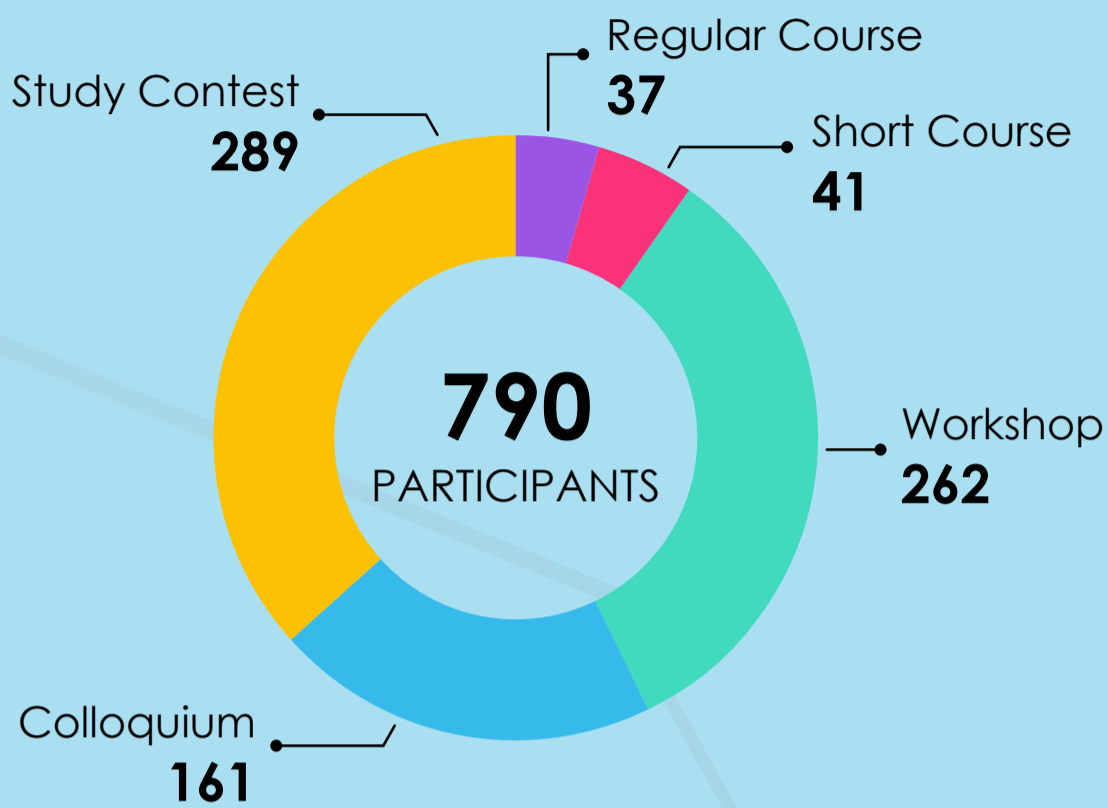




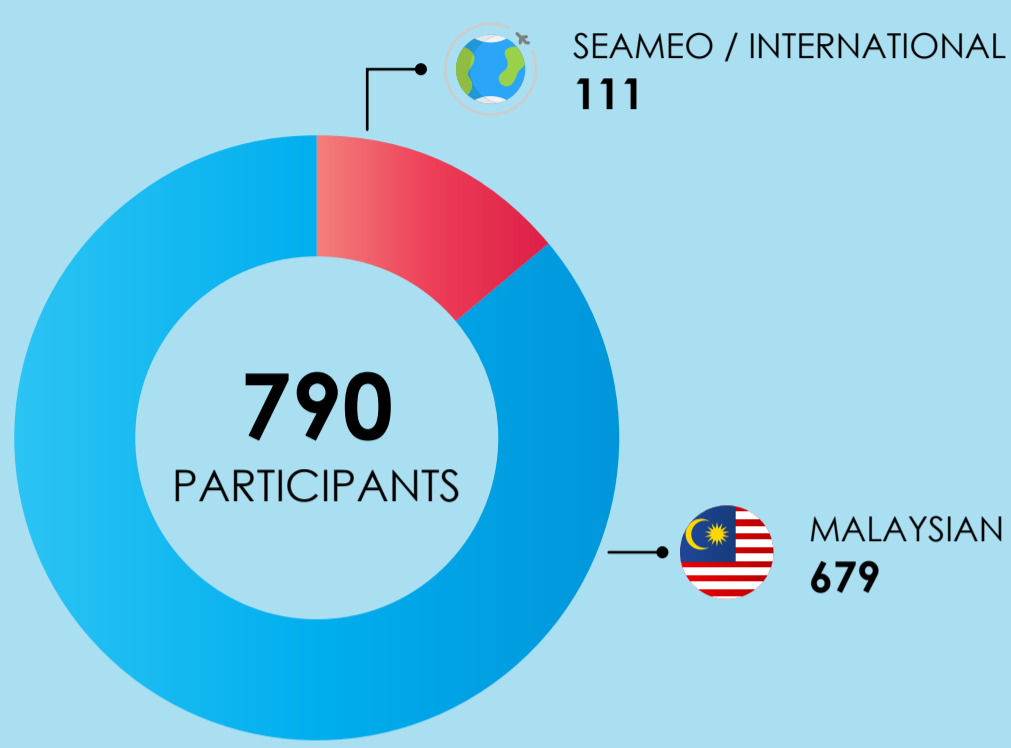
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C Total Participation by Courses



D Total Number of International and Malaysian Participants



E Focus Area

- 1** Pedagogies in Teaching Science and Mathematics
- 2** Science, Technology, Engineering and Mathematics (STEM) Education
- 3** Technology Enhanced-Learning in Science and Mathematics
- 4** Higher Order Thinking in Science and Mathematics
- 5** Pedagogy and Assessment
- 6** Learning Standards
- 7** Curriculum Development
- 8** Academic Writing and Publication

F Linkages with Inter-Centre, National, Regional & International Institutions

- △ Kanchanapisek Wittayalai Nakhon Pathom School, Thailand
- △ Korea National University of Education, Seoul, South Korea
- △ SEAMEO Secretariat, Bangkok, Thailand
- △ SEAMEO SEARCA, Philippines
- △ Teacher Education Division, Ministry of Education Malaysia
- △ Teacher Training Institute Penang Campus & Ipoh Campus
- △ Penang Education Council

G International collaboration with National, Regional & International Institutions

- △ Signing of Memorandum of Understanding with Kanchanapisekwiththayalai Nakhonpathom (29 July 2019)
- △ Signing of Memorandum of Understanding with Korea National University of Education (14 August 2019)