

Seven SEAMEO CENTRES in Indonesia Collaborated with The University of Mataram and Mataram Local Government to Strengthen *Merdeka Belajar*

The event was officially opened by Ms Yunitasari, the Coordinator of Foreign Cooperation, representing the Head of Public Relations and Cooperation Bureau in Indonesia Ministry of Education, Culture,



The 4th ICCM (Inter-Centre Collaboration Meeting) was held from 1 to 3 December 2021, at the Best Western Premier Hotel, Solo. This event was intended to strengthen the cooperation strategy as well as to coordinate programmes and budgets by collaborating with the University of Mataram (UNRAM) and Mataram Local Government. There were 60 participants joining this event, consisting of the Board of Directors, Heads of Divisions, managers, staffs, and invitees from UNRAM.

The seven SCI (SEAMEO Centres in Indonesia) started the discussion with the topic of budget absorption for the Fiscal Year 2021 and Financial Strategy for 2022, followed by a discussion on the plan to sign a Memorandum of Understanding (MoU) between seven SCI and Ogan

Iilir Regency Government, Ogan Komering Ulu Regency Government, and South Sumatera Government. On the second day, the SCI team had a discussion with the representatives of UNRAM and Mataram Education Office regarding the agreement to sign the MoU and the Memorandum of Agreement (MOA). The SCI team also discussed the training guidelines that will become the standard of organising activities in all Centres.



Classroom activity

SEAMEO Centres in Indonesia Strengthened Collaboration in Bumi Sriwijaya

As a continuation of the meeting with South Sumatra Provincial Government at the end of October, seven SEAMEO Centres in Indonesia signed the Memorandum of Understanding (MoU) and the Memorandum of Agreement (MOA) with the Local Government of Ogan Ilir (OI) and Ogan Komering Ulu (OKU) regencies in Jakarta, from 9 to 10 December 2021. This three-day event was attended by the directors from seven SEAMEO Centres in Indonesia and a total of

23 representatives of BAPPE-DA, Education Office, Health Office, and other related local institutions from South Sumatra Province, OI Regency and OKU Regency.

The process of agreement signing began with an exchange of ideas to identify the potential programmes that could be carried out by SCI in South Sumatra, particularly in the two related districts. The two district governments recognized the needs to increase the capacity of teachers from all levels of education, starting from early childhood to secondary school levels. To strengthen the stunting convergence programme, support was also needed in conducting sensitive nutrition interventions, including strengthening language learning, distance learning, local food, and even for the environmental sanitation programmes.



Utilising Media Learning Management System for Distance Learning



SEAQIS had organized LMS Development Workshop for E-Learning from 22 to 24 February 2022, at PPPPTK (P4TK) IPA. This workshop was designed for internal SEAQIS in order to increase the Centre's productivity in facilitating various programmes to improve the capacity of science teachers and education staffs in Southeast Asia. The speakers of this workshop were the lecturers from Centre of e-Learning and Open Education (CeLOE) Telkom University, which were Mr Wawan Tripiawan, Mr Oki Achmad Ismail, and Mr Fathah Noor Prawita. The presented materials were the use of LMS based on Modular Object-oriented Dynamic Learning Environment (Moodle), the process of making educational videos, and immersive learning using virtual reality.

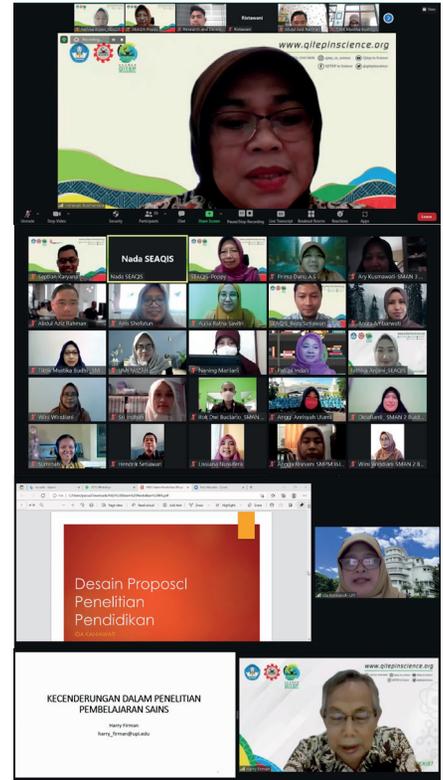


The Online Training in Composing Research Proposal

“The Online Training in Composing Research Proposal” had been conducted from 21 to 24 February 2022. This online training was attended by 61 Science teachers from elementary to senior high schools in Indonesia. The trainers of this event were Dr Harry Firman and Dr Ida Kaniawati as the lecturers from Universitas Pendidikan Indonesia (UPI), and the facilitator was the academic team of SEAQIS which consisted of Dr Poppy Kamalia Devi, Dr Elly Herliani, and Mr Septian Karyana.

The research proposal preparation was discussed comprehensively from the background until research ethics and scientific publication. The participants were divided into three breakout

rooms based on their professional background and guided by the facilitator to discuss their research proposals further. They also were asked to make the follow-up plans as references of their activities’ achievement targets and write down the support needed in composing their research proposals. The research proposals were expected to be done in a month with the facilitator’s guidance, through a WhatsApp group discussion based on their professional background. For those participants who have potential and qualified proposals, they will be directed to participate in SEAQIS Research Grant programme.

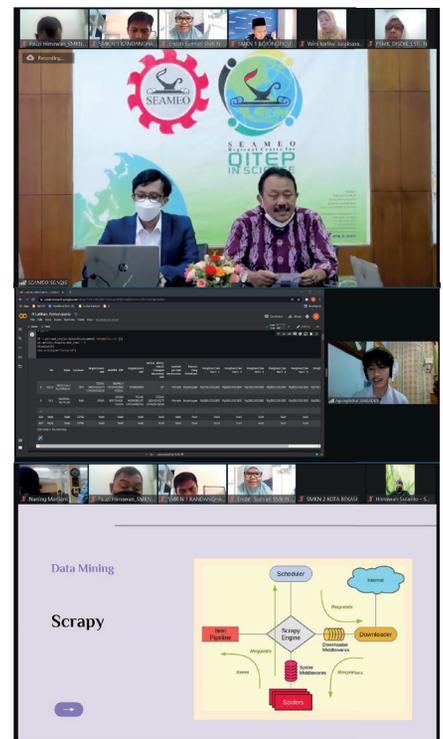


The Utilisation of Data Science for School Data Profile Processing Webinar

The second webinar series entitled “The Utilisation of Data Science for School Data Profile Processing” had been conducted on 27 January 2022. This webinar was attended by vocational high school students, MTs, SMPN, all West Java vocational high school teachers, and universities in Indonesia. The speakers of this webinar were Dr Gatot Hari Priowirjanto (the Coordinator of 7 SEAMEO Centres in Indonesia), Mr Edy Purwanto (Head of PSMK in West Java Provincial Education Office), and the best three internship students from SMKN 1 Garut.

Juanda, and Mr Davi Hanan Lutfi Abiyyu. The best three internship students in utilising data science for school data profiles with a programming language called Phyton. They also shared their school data profiles by looking at the most interesting organization for students. Furthermore, they also stated that architecture was the most interesting study programme at SMKN 1 Garut.

Dr Gatot Hari Priowirjanto and Mr Edy Purwanto expressed that this internship program intended to prepare qualified students of vocational high schools in West Java. There are three main targets of vocational high school: work, continuity, and entrepreneurship.



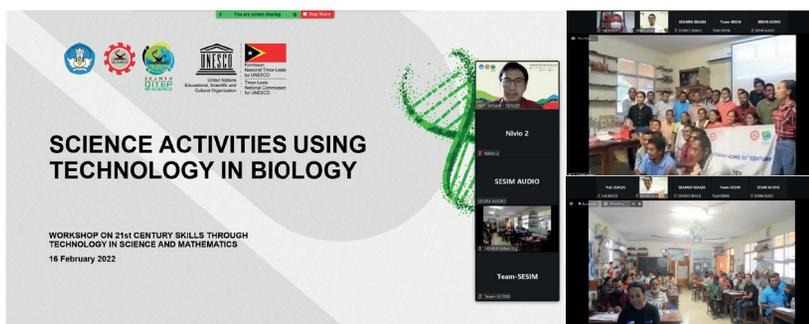
STEM Learning Training for Junior High School Teachers at Indonesian STEM School Community

In the material analysis session, the participants had to complete the task in identifying the potential topic or project which was presented using STEM learning.

The STEM Learning Training for junior high school teachers at the Indonesian STEM School Community had been conducted from 2 to 12 February 2022. This training was attended by 49 science teachers from junior and senior high school / MA, as well as one participant from higher education. There were synchronous and asynchronous sessions in this training.

The first synchronous session was carried out online from 2 to 4 February 2022. The materials provided by the speakers were the trend and issue of science learning, STEM learning in the curriculum (K13 and prototype), STEM characteristics, material analysis in STEM projects, STEM learning model, STEM learning implementation in science classes, and STEM learning assessment. The training was continued with the asynchronous session (5 to 9 February 2022), where the participants were asked to do the task given by the speakers. The participants then re-joined through online platform to continue the synchronous session on 10 to 12 February 2022 and presented the project plans that had been made.

Seminar-Workshop on 21st Century Skills through Technology in Science and Mathematics



Opening ceremony and Classroom activity

Seminar-Workshop on 21st Century Skills through Technology in Science and Mathematics had been conducted online from 14 to 18 February 2022. This event was attended by 34 participants from senior high school and higher education in Timor Leste, facilitated by Dr Poppy Kamalia Devi, Mr Lukman Nulhakim, Mr Heri Setiadi, Mr Gunawan Muhammad, and Mr Dian Purnama. The participants

The 21st-century skills in this event consisted of critical thinking, communication, collaboration, and creativity skills.

were expected to have a better understanding regarding the integration of 21st-century skills through this seminar.

The presented materials are Global Education Trends and Issues, The Nature of Science and Science Education, as well as Science Activities using Technology in Biology, Chemistry, Physics, and Science Classroom Supervision.

The presentation method, questions and answers, and worksheet filling for participants were conducted in each session. After the facilitator of Science Activities using Technology in Chemistry presented the materials, the participants were filling out the provided worksheets that contained several questions about acid-base. The questions could be answered using the virtual lab at phet.colorado.edu.

Jl Diponegoro no 12 Bandung,
West Java 40115, Indonesia

+62 22 421 8739 secretariat@qitepinscience.org

+62 22 421 8749 www.qitepinscience.org

visit our new information at
www.qitepinscience.org
or scan here!



+62 821 2345 0630

[qitep_in_science](https://www.instagram.com/qitep_in_science)

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