Taking Part in Modernizing Indonesian Higher Education, SEAMOLEC Managed an International Webinar

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SEAMOLEC Looks Forward for More Synergy and Collaboration

SEAMOLEC Annual Meeting 2017

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Greetings and regards from SEAMEO SEAMOLEC! This is the first edition of SEAMOLEC Info for the year 2017, and I am delighted to present it to all readers. You will find interesting articles in this edition as a compilation of SEAMOLEC's activities from January to March 2017.

This year has marked the beginning of the third decade of SEAMOLEC's existence as a SEAMEO centre focuses in online and distance learning. In 2017, SEAMOLEC is celebrating its 20 years of service to the Southeast Asia region. Over the years, various activities and programmes have been launched and implemented for the benefit of educational sector in 11 SEAMEO member countries. Series of activities have been conducted by SEAMOLEC in celebrating its birthday, such as conducting staffs' competition in sport activities and singing contest, launching of the book: 20 Year of SEAMOLEC Journey, launching SEAMOLEC Online Journal, and halfday webinar with SEAMOLEC's partners from abroad. To enliven the celebration, SEAMOLEC also launched 3 competitions; Whiteboard Animation Competition, Digital Book Competition, and Edugame Competition since December 2016. The competitions were open for Southeast Asian teachers and students and judged by SEAMOLEC staffs and experts. You may find the full information regarding the 3 competitions as well as the winners in this edition.

Another interesting story is that SEAMOLEC has been actively involved in INDOPED Project – a project Co-funded by the Erasmus+ Programme of the European Union in modernizing Indonesian Higher Education with Tested European Pedagogical Practices. This project was started at the end of 2015 until 2018 and conducted by 5 European Universities, 5 Indonesian Universities, and SEAMEO SEAMOLEC. With regards to this project, SEAMOLEC hosted a series of Webinar from 20-24 February 2017 inviting speakers from the universities involved in this project to share their experiences in implementing the pilot project. The 1st INDOPED International webinar has successfully gathered more than 100 participants from Indonesia and Southeast Asian countries.

Starting mid 2016 SEAMOLEC conducts Online Training Programme specially designed for Indonesian teachers using SEAMOLEC MOOC system which enables thousand of teachers to take part in online training course. Looking at its success in Indonesia, SEAMOLEC is going to conduct its online training to other countries, namely RETRO (Regional Training in Online Mode) to other Southeast Asian countries starting in March 2017 for Batch I and in May 2017 for Batch II.

Several articles are also featured in this edition, such as; SEAMEO Secretariat's Capacity Building Workshop which was participated by SEAMEO Regional Centres, visits from the Governor of North Kalimantan Province, and Vice Mayor of West Sumatera to SEAMOLEC Office, also a coverage of SEAMOLEC ICT Programme for the Kids, and SEAMOLEC's Staffs Annual Meeting 2017.

I do hope that the reader will enjoy this SEAMOLEC Info edition. SEAMOLEC will continue to initiate more activities and innovation in its effort to improve the quality of education, as stated in its motto “Reaching The Unreachable, Making The World Into One World of Learning”.

Warm Regards,
Dr. Abi Sujak, M. Sc.
SEAMOLEC celebrated its 2 decades of journey on 27th February 2017. The celebration was held at SEAMOLEC office in Jakarta, Indonesia and was attended by respective guests from Ministry of Education and Culture of Indonesia, first director of SEAMOLEC Dr. Arief Sukadi Sadiman, M.Sc., SEAMOLEC’s partners and colleagues. Remarking 20 years of dedicating its services to education development in Southeast Asia, in this occasion SEAMOLEC launched the book of twenty years journey, online journal, and officially announced the winner of 3 competitions: Whiteboard Animation, Digital Book, and Edugame. Moreover, SEAMOLEC Director stated that the Centre will always welcome a new initiative and potential collaboration.

The anniversary was opened with a remark from Director of SEAMOLEC, Dr. Abi Sujak, M. Sc. In his remark, Dr. Abi conveyed his sincere heartfelt to SEAMOLEC former directors and his appreciation to SEAMOLEC partners who has willingly collaborate and synergize to create meaningful and fruitful programmes during the past 20 years. He also thanked all colleagues and SEAMOLEC staffs, who have given their thought, effort, and actions to help the centre in realizing its vision and mission. SEAMOLEC is always open, Dr Abi said that “SEAMOLEC has been enhancing the collaboration programmes with national, regional, and international institutions. We are always looking forward to many new potential collaboration and partnership, whether government, non-government, or private institutions.
to leverage the education improvement especially in Open and Distance Learning”.

Celebration has become merrier when Director of SEAMEO Secretariat, SEAMEO QITEP in Mathematics, and SEAMOLEC's partners from Korea, China, Yogyakarta, Cambodia, and Singapore delivered their greetings through video conference during the event. It was continued with the official announcement of the winner of SEAMOLEC 20th Anniversary Competitions. The competitions were edugame, digital book, and whiteboard animation which were opened for educators and students throughout SEA countries. This competition was started in December 2016.

In this occasion, Dr. Abi initiated to help children improving their skill in utilizing ICT by donating a set of PC equipment to children foundations, among others; Cinta Yatim and Dhuafa Foundation, Pondok Syifa Foundation, Al-Mubarokah Foundation, and Rumah Yatim Foundation.

Publishing the research on Open and Distance Learning field, which were funded by SEAMOLEC, Research and Development Division launched the result of 40 granted research results which has already compiled in journals and publishing them in http://journal.seamolec.org/index.php/seao dl. These ODL researches has already disseminated through webinar week that held on December 2016 and participated by education practitioners throughout SEA countries.

Emerald green is the international color of 20 years anniversary celebration. Due to the reason, along this year SEAMOLEC will use a special design of its logo in all the centre's material of publication, online and offline. The celebration was ended by inviting all the guest to have Nasi Tumpeng Kuning(Yellow Rice) for lunch. It was a common and traditional food menu in Indonesia which marks the gratitude and celebration. Then, the respected guests were entertained by performances of the winner of SEAMOLEC Karaoke Singers. Happy 20th Anniversary, SEAMOLEC! (Mid/Aln)
On February 27, 2017 SEAMOLEC was celebrating its 20th anniversary, and to enliven the celebration, SEAMOLEC has announced three competitions; Whiteboard Animation Competition, Digital Book Competition, and Edugame Competition since December 2016. The competitions were open for Southeast Asian teachers and students who are not professional animator, digital book developer, or game creators.

The first competition was whiteboard animation, which is a process where a creative story and storyboard with pictures is drawn on a whiteboard (or something that resembles a whiteboard) by people who record themselves in the process of their artwork. It can be used as one of learning media to deliver learning material in a unique way. Other terms of whiteboard animation are video scribing, and animated doodling. These video animation styles are now seen in many variations, and have taken a turn into many other animation styles. The theme of this competition was “Developing ICT culture as a part of 21st century competency in Southeast Asia”.

The second competition was Digital Book Development. Digital book is a book publication made available in digital form, consisting of text, images, or both, readable on the flat-panel display of computers or other electronic devices. Digital books are usually intended to be read on dedicated e-reader devices. However, almost any sophisticated computer device that features a controllable viewing screen can also be used to read digital books, including desktop computers, laptops, tablets and smartphones. This competition was divided into 2 different theme: for teachers, the content of digital book must be about the development of related subjects taught in schools, while for students the content of digital book should be development of related subjects taught in schools.

The last competition was Edugame. Edugame as a combination of 2 words, Education and Game, is a game where education materials/concept fused with the concept of a game. As a game made for player with fun, is stressed in interactive and fun way and how Education concept/material will be delivered to player. It will be another unique way to deliver learning media to students. The theme for this competition was “Learning is FUN”.

The competitions were promoted through SEAMOLEC’s official website and social media, not to mention through SEAMOLEC’s partner and their networks. The rules and regulation of each competition has been set by SEAMOLEC, judges are coming from SEAMOLEC staffs and experts.

All participants of the competition registered and submitted their works online through official website address: http://competition.seamolec.org/. The three competitions were closed on February 7, 2017 and the winners were announced on the celebration of SEAMOLEC 20th anniversary which was held in SEAMOLEC office on February 27, 2017. (An/Mid)
Congratulations to

The Winners of SEAMOLEC 20th Anniversary Competition

• Whiteboard Animation
  1st Which is ICT
    Habib Basriqoir - SMKN 2 Buduran
  2nd ICT Integration in The Classroom
    Agus Abdi M. Munir - SMA Tegapuri, Blitar Kec.
  3rd Whiteboard Animation Competition
    Muhammad Ariffin - SMA Muhammadiyah Bojonegoro

• Digital Book
  1st Fotografi Digital
    Siti Asyifa Syahdah - SMK Negeri 1 Bondowoso
  2nd Human Body for Elementary
    Putut Ady Nugroho, S.P - MTS Tahfidz Islam Surakarta
  3rd Pintar Matematika Edisi BRSL untuk Kelas IX
    Tevan Adi Satrio - Universitas PGRI Semarang

• Edugame
  1st Factor-Y
    Muhammad Tegar Pambudi - SMA Negeri 1 Bojonegoro
  2nd Karatash
    Diah Permai Asari - Puslitbang Elektronika Negeri Surabaya
  3rd Math Trap
    Anas Fadi - SMKN 7 Podong
Taking Part in Modernizing Indonesian Higher Education, SEAMOLEC Managed an International Webinar

SEAMOLEC INOPED Project team for conducting 1st International Webinar.

SEAMEO Regional Open Learning Center (SEAMOLEC), as a Centre for open and distance learning in the Southeast Asia, pays a great attention and actively supports INOPED Project: Modernizing Indonesian Higher Education with Tested European Pedagogical Practices by conducting seminars through video conference in a programme called The 1st INOPED International Webinar held on 20-24 February 2017. This broader step was taken after several join-workshops and a year of implementation of the European pedagogical methods in Indonesian universities. The webinar aimed to present and disseminate the result to larger number of audiences.

This webinar is also part of activities to celebrate SEAMOLEC 20th anniversary on 27th February 2017. The series of webinar had a strong focus on innovative teaching and learning method including case studies of innovation in practice. Presentations were made by lecturers from both Indonesian and European universities and successfully gathered more than 160 participants from Southeast Asian countries. They came from education practitioners in any level education institutions.

The first session was conducted on 20 February 2017 by presenting Learning by Teaching method as one of the developed method in this project. It was innovated and developed by Turku University Applied Science (TUAS), and implemented at Bina Nusantara University International, and Catholic University of Widya Mandala Surabaya. This session was presented by Ms. Meiju Keinänen from Turku University Applied Science (TUAS), Mr. Anthony Wijaya...
from Catholic University of Widya Mandala Surabaya, and Ms. Yanthi Martowidjojo from Bina Nusantara University International who shared her experiences along with her students.

It has become an interesting method for the students. Students from senior year at the universities were acting as trainers for their juniors, students working in trainer teams (3-5 student per team) which aim to plan, organize and implement all the trainings independently. Most students perceived these strategies to have been quite useful in encouraging self-directed, life-long learning skills as well as deepening the level of understanding on specific concepts. In the same day, the session continued by discussion about Project Hatchery method. Ms. Meiju Keinänen from Turku University Applied Science (TUAS) presented how the concept should be conducted complete with the time schedule, the act, and responsibility of teachers, tutors, and students within the concept. Meanwhile, Mr. Handrick Kongdro from Bina Nusantara and Mr. Agus Arif Munnawar from Syahkuala University shared their experience in implementing this method to their students. From the discussion, session revealed this concept could improve the soft skills of students through group work and multidisciplinary learning environment.

The second day of webinar presented the Project Module method and invited Mr. Sakari Koivunen from TUAS, and Mr. Tri A. Budiono from Binus University International as sourcepersons. The interesting part from this method was the collaboration between university and company in order to provide the students with real work experience. The experience should enhance student’s career and personal development, allowing student to develop knowledge and skills regarding their career choices.

The day 3 of webinar were discussing about Rubrics Assessment. The concept of this method was presented by Mr. Erik Hendriks from Inholland University, and the implementation result was presented by Ms. Yanthi Martowidjojo from Bina Nusantara International. The rubrics can help clarify lecturer’s expectations and will show students how to meet them, making students accountable for their performance in an easy-to-follow format. The feedback that students receive through a grading rubric can help them improve their performance on revised or subsequent work. Higher order thinking skill (HOTS) involves the learning of complex judgmental skill such as critical thinking and problem solving. The evaluation for this method could also conducted by using rubric, mastery levels of HOTS are defined by outlining the criteria.

The followed session was Innovation Camp on Thursday session which invited Mr. Jesper Nørskov from BAA and Mr. Tri Sugianto from Universitas Negeri Yogyakarta. The innovation camp is an intensive idea generation, idea
Since 2015 until 2018, SEAMOLEC has been a part of INDOPED consortium that aims to implement pilots of tested European University innovation pedagogical methods to Indonesian university partners. INDOPED is a project co-funded by the Erasmus+ Programme of the European Union and consist of 11 partners involved in this project namely: Turku University of Applied Sciences (TUAS) - Finland, Business Academy Aarhus (BAA) - Denmark, Inholland University of Applied Sciences - Netherlands, University of Gdansk - Poland, University of Seville - Spain, Bina Nusantara University (Binus) - Jakarta, Indonesia, State Islamic University of Syarif Hidayatullah (UIS) - Jakarta, Indonesia, Yogyakarta State University (UNY) - Yogyakarta, Indonesia, Widya Mandala Catholic University (UKWM) - Surabaya, Indonesia, Syah Kuala University - Banda Aceh, Indonesia, and Southeast Asian Ministers Education Organization Regional Open Learning Centre (SEAMOLEC) - Jakarta, Indonesia.

By introducing and sharing different pedagogical methods from European university to Indonesian University partners, it is expected to bring added value to current Indonesian educational system by updating pedagogical approaches and to bridge the gap between what is taught in the university and what is required by business and industry. Those learning methods will put students as a center of learning process and many of those methods will use multidisciplinary pedagogical approaches that allow students to prepare for challenges on the labor market. This project was started by a kick-off meeting in Widya Mandala Catholic University, Surabaya. It was continued by official opening ceremony in Binus International, Jakarta. During opening ceremony, as cited by okezone.com Directorate General for Science & Technology Institution and Higher Education, Patdono Suwignjo stated that unemployment rate among educated people is rising. One of the reason is that education in Indonesia is not yet relevant or consistent with industry needs. Previously, priorities of Ministry of Higher Education and Research are enhancing access to higher education by improving its infrastructures and also providing scholarships, but in the next five years, the priority would be enhancing quality, competitiveness, and creating learning process that are relevant with industry needs.

This project was continued by series of coaching workshops by European universities experts to Indonesian university lecturers. After six months of implementation pilots, INDOPED general meeting III hosted by Yogyakarta State University on November 2017 identified preliminary finding of impacts that cover changes in the mindset towards student-centered and competence-based learning among decision-makers, teachers and students. Result of pilots have been shared to other Indonesian universities lecturers, schools teachers, educators and also extended to Southeast Asian participants through 1st INDOPED International Webinar hosted by SEAMOLEC on 20-24 February 2017. Result and lesson learned from 1st phase of implementation pilots have been compiled and reported to Erasmus+ Capacity Building Program. All partners are now preparing the 2nd phase of implementation pilots and further strategy for dissemination and exploitation of those innovative pedagogical methods to have maximum impacts and benefits particularly for Indonesian education system and also for Southeast Asia regional. (Cay/Mid)
Ms. Yanthi Martowidjojo from Bina Nusantara University International shared her experiences.

Mr. Anthony Wijaya from Catholic University of Widya Mandala Surabaya shared his experiences.

SEAMOLEC Staffs became the moderator during all of conducted sessions.
Starting in March 2017, SEAMOLEC officially launched a programme called Regional Training in Online mode (RETRO) using SEAMOLEC MOOC as a learning platform. For the first batch, SEAMOLEC held Digital Class Development course and Whiteboard Animation course on 6 to 31 March 2017. These trainings got positive responses from educators in SEA countries and were enrolled by more than 400 teachers and educators from Southeast Asian countries.

The two courses were selected as the first batch due to high demand of educator community in SEA to be able to develop teaching material and to get familiar with digital learning culture.

Since 2016, SEAMOLEC has been conducting 3 to 4 online training programs per month. About two days before the training started, participants are required to join the online orientation in order to familiarize them with the platform they will use. The participants have two weeks to read training materials, one week for implementing, and one week more for

During December 2016 until February 2017, SEAMOLEC held more than 10 different online courses conducted in Bahasa Indonesia and provided in MOOC (www.mooc.seamolec.org) with total participants up to 6,000 teachers and educators from all around Indonesia. Each course was conducted for 4 weeks and the participants were divided into groups consist of 70-200 participants each, and guided by 3-4 mentors.

In December 2016, total 2,300 participants have joined 5 different online courses divided into 16 groups. The course with largest number of participants was Digital Book training course with 777 participants guided by 21 mentors from SEAMOLEC.

In January 2017, more than 2,000 participants have joined 4 different online courses; Basic Android Programming, Simple Simulation of Local Area Network, Whiteboard Animation and Blog. More than 1,000 participants have joined Blog course while LAN course was joined by 300 participants.

In February 2017, around 1,800 participants have joined 5 different online courses started from February 13 to March 5 2017. Digital Book course was one course with largest number of participants, around 560 and the rest divided into Edugame course, Digital Comic course, 3D Visualization course, and Digital Learning tools course.
Participants of RETRO were accompanied by Video Conference during the courses. SEAMOLEC MOOC (mooc.seamolec.org) is an umbrella for both online trainings provided by SEAMOLEC for online learning activities such as course overview, contents/repository, discussion forum, assessments. RETRO also provides online tutorial by using Video Conference conducted twice a week. To access more information about RETRO participants’ can go to etraining.seamolec.org/retro to find the course information and do the registration. As for the second batch, RETRO will conduct two online training courses; “Android Programming Basic” and “Edugame” on 1 – 31 May 2017. Participant can also contact us through trainingteam@seamolec.org. SEAMOLEC will provide more training courses in the following months in 2017 in order to disseminate knowledge on ICT utilization in schools around Indonesia and SEA. As mentioned before, to conduct online training SEAMOLEC uses SEAMOLEC MOOC as a platform. Since all of training information and process are arranged there, participants are required to create an account at the first time they join online training. Then, in order to acquire the materials, participants have to enroll the course. In MOOC, participants are guided to visit discussion forum in case they have some questions about the materials.

Participants are also accompanied with video conference to have a chance to discuss with trainers. The participants have to submit their final project as a prove they understand the materials given and could implement it as a teaching or learning materials. Participants who could accomplish the training will be awarded official certificate from SEAMOLEC.

SEAMOLEC with 20 years of experience in developing of Open and Distance Learning since 1997 in Southeast Asian region consider that there is a need to foster 21st century skills especially the 4C Skills; Creativity, Critical thinking, Collaboration, and Communication in teaching and learning process of schools in Southeast Asian region. One of SEAMOLEC programs to support the implementation of 21st century skills is Digital Class Development launched by SEAMEO Council President (the Minister of Education and Training of Vietnam) at SEAMOLEC starting in 2015.
Visitation Recap

Politeknik Negeri Semarang (POLINES) from Central Java, attended by 42 participants on 13 February 2017.

Lambung Mangkurat University from Banjarmasin, South Kalimantan attended by 8 visitors on 8 March 2017.

One of the main tasks of SEAMEO SEAMOLEC is dissemination of information about the activities and the programme of the centre which contribute to the development of education in Southeast Asia. One way of realizing the agenda is by accommodating visits by educational institutions to SEAMOLEC’s Office.

In the visitation, participants usually got informed upon how ICT tools or learning management system utilise as accompaniment in the learning process, which also could be advantageous to be applied in their field of studies. For example, how to develop digital class and to transform the learning materials into video animation, or how to access online course developed by SEAMOLEC. These photo stories below represent activities of institutional visits received by SEAMOLEC. (Mid)
Vocational High School 1 Sukadana from East Lampung, attended by 88 participants on 29 November 2016.

Sultan Ageng Tirtayasa University (UNTIRTA) from Banten West Java, attended by 70 visitors on 18 January 2017.

Ibnu Khaldun University from Bogor West Java, attended by 70 students on 12 January 2017.

Vocational High School 1 Sukadana from East Lampung, attended by 88 participants on 29 November 2016.
On 19-20 January 2017, SEAMOLEC held its Annual Meeting 2017 at SEAMEO BIOTROP, Bogor. Dr. Abi Sujak, Director of SEAMOLEC in his opening remark expected SEAMOLEC to keep up the excellent work and improve the centre performances to support the development of Open and Distance Learning (ODL) in Southeast Asia. Training online, digital library, and facilities will be developed regularly to support our duties and functions as the centre of expertise in ODL.

In 2016, SEAMOLEC has been working in a variety of activities to support the development of ODL. Many programs were developed and have remarkable results. One of them were online training courses, which was enthusiastically participated by teachers from SEA countries. The shifting paradigm in teaching and learning process was encouraging the participants to explore the utilization of Information and Communication Technology (ICT). SEAMOLEC also successfully launched Massive Open Online Course (MOOC) in 2015 which progressively enriched with useful materials and compatible for educational field.

Subsequently, collaboration or networking with other institutions was discussed at the meeting. Through networking, SEAMOLEC can share information, distribute materials, and other mutual activities, which have positive impacts on Centre’s performances. Meeting continued with division discussion to map out the activities in 2017 as well as the time frame of implementation for each
Director of BIOTROP, Dr. Irdika Mansur gave his speech to welcome SEAMOLEC. SEAMOLEC conducted a tour in BIOTROP to learn from the other sister’s center. The activity. At the end of discussion, all Division Managers presented the activities and discussion to the forum for any possible collaborative programmes. In the end of the meeting, the Director reminded all Centre’s staff to maintain work performance, cooperation and synergy with other institution. It is an essential key to open many gateway in which will guide us to be the Centre of expertise in ODL. Congratulations for all SEAMOLEC staffs, keep up the good work, and good luck. (Ati/Mid)
As one of SEAMEO Centre servicing Southeast Asian countries, SEAMOLEC always tries to improve its human resources development in order to improve the overall quality of the Centre. Starting the year 2017 with energy and spirit of improvement, SEAMOLEC management initiated a program called English Proficiency Class for Seamolec Staffs.

This programme was specially designed for all staffs ranging from operational staffs from all divisions, to supporting staffs like security guards, drivers, and cleaning service officers. Student interns are also followed as participants in this program. The materials given in each class are more into daily conversation, building self confidence in speaking English, and how to present about SEAMOLEC to other people.

Begining as pilot project, the course lasts for 8 weeks started from early February to mid April 2017. The instructors are also coming from SEAMOLEC staffs with better knowledge and experience in English. The idea is “to provide services from SEAMOLEC to SEAMOLEC”. Participants from operational staffs were devided into 7 groups which consists of 8-10 people each, and mentored by 2 instructors. From Monday to Thursday the 7 groups are scheduled to be conducted for 1 hour every afternoon, once a week. For the supporting staffs, the class is conducted every Friday afternoon once a week. Class for supporting staffs is participated by 27 persons. The participants admitted that it was a fruitful sessions to leverage their English skill. They get various learning lessons start from the basic lesson as giving self introduction, pronouncing numbers and alphabet, enriching vocabularies, and many more. Hopefully, at the end of the course, the staffs will get more fluently in speaking English and could improve a more better services to welcome centre’s guests. (Cis/Aln)
Classes were conducted by senior staff of SEAMOLEC.

Seriously study during the lesson.
SEAMEO Secretariat (SEAMES) in collaboration with SEAMOLEC conducted SEAMEO Capacity Building for Communicating “The SEAMEO Education Agenda” on 24-25 February 2017 at SEAMOLEC Office. The workshop was participated by representatives from SEAMEO Centres and aimed to provide a chance to all SEAMEO Centres to share, learn and discuss the SEAMEO Action Agenda for the forthcoming years.

Since 2015, all SEAMEO units including Secretariat and Centres have committed to implement the SEAMEO Seven Priority Areas (2015-2035) at both policy and performance level. In the 2nd SEAMEO Strategic Dialogue for Education Ministers held on 28 April 2016 at Bandung, Indonesia, the Ministers revisited the context and progress of the implementation of SEAMEO’s Seven Priority Areas.

SEAMEO Secretariat and its centres have set the Seven Priority Areas as its policy direction from 2015 to 2035 and will continually communicate it to the SEAMEO Centre, member countries, partners and citizen of education through information and education advocacy such as consortiums, forums, meetings, workshops, etc. At the implementation level, SEAMEO Member countries and SEAMEO units have integrated the Seven Priority Areas in its work plan and illustrated them into a list of activities.

During the workshop, participants discussed to develop targets and indicators for SEAMEO Education Agenda 2035, develop action plans for implementing activities under the SEAMEO Education 2035 (7 Priorities Areas), enhance capacity of SEAMEO centres and units to disseminate information related to SEAMEO Education Agenda (7
Deputy Director for Program and Development of SEAMEO Secretariat, Dr Ethel Agnes P Valenzuela was delivering her presentation.

Director of SEAMEO Secretariat was giving opening speech.

Priorities Areas), strengthen the capacity of SEAMEO Centres’ officers in Project Brief Technical Writing, SEAMEO meetings’ working papers, and sharing strategies for advocacy and powerful presentation.

Participants were divided into working groups discussion which resulted that by 2035 Southeast Asia should prepared 7 Million students, teachers, local communities and other relevant stakeholders in Southeast Asia, to become aware, adaptive and resilient to emergencies. Also the inclusion of Disaster Risk Reduction and climate change issues in basic and early childhood education curriculum across Southeast Asia by 2020. Another goals set in 2020, there will be mutual recognition and regional competencies for TVET education in Southeast Asia. TVET should be developed for at least 6 priority areas; which will be housed within the national decree from government at national, provincial and district level. It is intended that Ministry of Education could promote the collaboration with industries and other related field for developing TVET education, throughout SEA countries.

Special needs education sectors should have at least 10% of teachers in each country which receive TVET training programmes so that it can be adapted by students with disabilities. It is hoped that at least 80% of TVET disabled students are accepted to study at TVET colleges and work in the industry.

At the end, adopting a 21st century curriculum, by year 2035, all students in the formal education system should be able to acquire 21st Century Skills through integration of systematic interdisciplinary and collaborations throughout ASEAN using specific programmes in SEAMEO sister centres. (Abu/Mid)

The next agenda was Revitalizing Teacher Education. By 2020, it is planned to developed and disseminated shared teacher competency framework and standards of each region. One of them is completed researches on teaching profession and teacher satisfaction at basic education in Southeast Asia that will be conducted and implemented based on the existing teacher compensation packages review. Also, 1600 pre-service teachers will be mobilized across the region; and partnered with at least 2 Teacher Education Institutions per country in Southeast Asia (cross-border teaching and learning exchanges) for teacher exchange.
During school holiday, SEAMOLEC hosted an ICT Program For Kids which was specially designed to be participated by the children of SEAMOLEC staffs. Initiated by the Director of SEAMOLEC, Dr. Abi Sujak, M.Sc., the program engaged children in developing their creativity and knowledge by utilizing technology. The first program was creating a stop motion video held on 29-30 December 2016 and 3 January 2017, while the second program was a visitation to Planetarium in Taman Ismail Marzuki Jakarta on 4 January 2017. This program was enthusiastically participated by more than 20 kids.

The mini workshop of creating stop motion video was utilizing free application on mobile gadgets. Facilitated by SEAMOLEC staffs, the children were asked to install stop motion application in the gadgets provided prior to the training. The children also brought along their toys such as lego, dolls, or mini figures as objects of the stop motion video they were going to make.

The kids were divided into three groups led by Rindri, Ruli and Novel. Each group were required to make their own story. Afterwards, the toys were photographed using smartphone or gadget for every scene. The photos had been taken would be collected and organized by the scene.

On the second day, the committee prepared the picture of alphabet. They would like to arrange the letter into words. Then the kids were required to create their own sentence, such as “I Love Mommy”, “Happy Birthday”, etc.
Assisted by the instructors, the kids required to take every picture of the alphabet while it was being arranged into the words and sentences. Same as the first day, the photos had been taken would be collected and organized by the scene. On the third day of training, the instructors and the kids made an origami stop motion. They recorded the process of how to make creation with origami. First of all, the instructors showed how to make a bird with origami. Then, the kids were asked to make their own birds using origami. Those steps were recorded and transform it into stop motion. The kids are learning happily and excitedly follow the instruction from SEAMOLEC instructors.

Enthusiastically followed the instruction of making stop motion video project.

As the final program, SEAMOLEC took the kids to Planetarium to see how technology could utilise in explaining knowledge upon something unreachable like outer space and solar system. The kids were very enjoy and amazed during the visit. They also excitedly observing the diorama and exhibition room in the planetarium. (Rin/Mid)

Children visited Planetarium Jakarta.
Who Is Who?

With his IT Network team, Fazhar have developed some alternative solutions for ICT needs, for example Southeast Asian Education Network (SEA EduNet) from 2009 to 2012. SEA EduNet uses satellite technology to send teaching materials to remote areas within Southeast Asia region. For daily work in SEAMOLEC, Fazhar and his team are responsible for centre's internal needs of ICT. They are in charge for the needs of Internet network in SEAMOLEC, and servers used for the needs of Open and Distance Learning development. Fazhar was also involved in several government projects for the development of educational networks such as JARDIKNAS (Jaring Pendidikan Nasional/ National Education Network) on 2006 - 2008 and Data Pokok Pendidikan (Education Main Data) on 2006 - 2009. Moreover, until now the team continues to develop alternative solutions for the development of distance education, especially for the needs of ICT solutions.

His contribution in distance education continued by taking part in developing a starting up system development and IT Learning Management System for Open Senior High School (SMA Terbuka). Recently, Fazhar and his team still develop the system for secondary education level, supporting students who live in remote areas with geographical obstacles.

Fazhar admitted that it becomes his happiness to work in a quiet place. He said that focus is the main key for completing works. While accomplishing his task, Fazhar who familiarly calls by his close friend as Mang Fajar, always reminds himself that education is the right for every people, and technology will become one of the solutions to achieve educational equity. It has been more than 1 decade for Fazhar in dedicating his career to create an alternative technology solutions for the development of distance education. (Fzr/Mid)

M. Muslim Rifa’i
IT Content and Knowledge Management Division

Muhammad Muslim Rifa’, or people usually call him Rifa’i has an enormous interest in playing mobile games since he was a teenager. His love for gaming leads him to be a programmer. Graduated from Junior High School, Rifa’i decided to study in Vocational High School (SMK) majoring Software Engineering. Ever since, he found that computer programming is really exciting and it became his passion. When he was in the 12th grade, Rifa’i participated in a game competition held by SEAMOLEC and hosted by SMKN 2 Surakarta. The participants were coming from Vocational High Schools and some students from Universitas Sebelas Maret. Rifa’i and his team won the first place of competition by creating an application called “Gameland”. As the prize, the team were awarded a scholarship to study Diploma 1 at Institut Teknologi Bandung (ITB), West Java, Indonesia.

Graduated from D1-ITB, he continued to D3-AMIK Wahana Mandiri and graduated in 2016. Now, he is enrolled as a bachelor student School of Information System in Universitas Bina Nusantara, Jakarta. He takes the online learning program so he can still studying while working at SEAMOLEC. Rifa’i has started his
career in SEAMOLEC from 2013 as an apprentice. He assisted on designing work plan and budget for Administration and Finance Division. A year later, he joined IT Content Division in developing Bureaucracy Correspondent Information System for Ministry of State Secretariat. In January 2016, Rifai has been assigned officially as an officer under IT Content and Knowledge Management division. He develops various applications related to mobile and computer programming, such as MOOC, UDJ-SIERRA, Ujian Online (Online Test), Tulus SEAMOLEC, and E-Blu. Currently, along with the team, he is creating a new eLearning platform and MOOC for Mobile Android which will be launched soon.

Aside his daily routine as a programmer in SEAMOLEC, Rifai also actively participates in programming forum which is initiated by Indonesia Google Development Group. It is called Indonesia Android Kejar. In order to support this government program, Rifa’i has been hired as a facilitator to train 10,000 Indonesian Programmers. His fond on programming has been obviously shown on the paths he has been taken for these past years. (Rif/Mid)

Haulia has educational and professional background as a Graphic and 3D designer. She was awarded a scholarship for master degree in Animation Design at Institute Technology of Bandung (ITB). She also had some experience as a lecturer and was listed as a lecturer in Trilogi University and President University. In the last university, she was one of founders of Visual Communication Design study program.

Haulia joined SEAMOLEC since 2013. She has started her career by joining Training Division for designing training programs and new initiatives to respond to the changing needs and challenges as well as to increase responsiveness and relevance of the training services provided by SEAMOLEC to its partners and networks. In this division she was encouraged to continue making creative efforts in developing new initiatives which will lead to the idea of Centre's excellent services.

Chanelling her passion in the world of education, Haulia was assigned in IT Content Division since March 2016 and developing the system and content of Massive Open Online Course (MOOC), which can be accessed through the address: mooc.seamolec.org. It is a learning platform that opened to any range of users and also created for direct users in taking professional certification. It also provides Open Educational Resources (OER) of various learning materials utilizing open and distance learning system.

In the beginning of 2017, Haulia has been assigned in Marketing and Publication Division as a graphic designer. She feels glad because could apply her expertise in this division. As a designer, she creates visual concepts using design software, to publish the centre’s program through publication tools. Along with the her colleagues, she develops the overall layout and production design for marketing tools to disseminate information about SEAMOLEC programs. Beside, she also collaborates with other divisions for developing SEAMOLEC Programs e.g. learning materials for online training in MOOC, organizing Webinar, and many more programmes. (Hla/Mid)
SEAMOLEC welcomed Vice Mayor and Representatives of West Sumatera Government delegation to establish cooperation in the field of tourism, education, culture and communication, and information technology. The first meeting was held on January 31, 2017, conducted at SEAMOLEC office and attended by Dr. Abi Sujak, M.Sc (SEAMOLEC Director), Ith Vuthy, M.Sc (SEAMOLEC Deputy Director for Programme), Drs. Yoni Utomo, M.Ed (SEAMOLEC Deputy Director for Administration), Prof. Dr. Irwan Prayitno, S.Psi, M.Sc (Vice Mayor of West Sumatera), Head of Tourism Department of West Sumatera, Director of PPPPTK Tourism, Ir. Tria Suprajeni, MM (Director of PT PKN) and Director of Politeknik TEDC Bandung.

As the meeting result, SEAMES and SEAMOLEC will support West Sumatera in developing open & distance learning infrastructure, conducting online test and online training to improve teachers’ competency in West Sumatera. During the meeting, the Director of SEAMEO Secretariat also joined discussion from Bangkok through video conference discussing about online test collaboration program for ASEAN (Indonesia-Thailand), english debate by video conference between several schools in Indonesia and Thailand, and possibility to hire technician from industry to work as teacher in Vocational Schools. This shall aims to increase competency of graduates, and so that they can work in relevant industry.

Schools in West Sumatera can collaborate with other ASEAN Schools to improve tourism field which relevant to the nature of West Sumatera.
province, culture, and culinary potential, and will be supported by PPPPTK Tourism. Dr. Gatot said that 21 SEAMEO Centres welcome West Sumatera Province to develop collaboration in related expertise field of each centre and do the evaluation of program output. The Vice Mayor of West Sumatera Province was really excited with those agreements.

On March 2, 2017 representatives from West Sumatera Government revisited SEAMOLEC to discuss further cooperation with SEAMOLEC. The meeting was attended by Mr. Ith Vuthy, M.Sc (SEAMOLEC Deputy Director for Programme), Drs. Yoni Utomo, M.Ed (SEAMOLEC Deputy Director for Administration), Prof. Dr. Irwan Prayitno, S.Psi, M.Sc (Vice Mayor of West Sumatera), Oni Yulfiar (Head of Tourism Department West Sumatera), Director of PPPPTK tourism, Ir. Tria Suprajeni, MM (Director of PT PKN), Drs. Budianda, M.Si (Head of Partnership and region in Setda West Sumatera), Aschari Cahyaditama, Ph.D (Head of international relation and region West Sumatera), Yeflin Luandri (Head of Communication & Information Department West Sumatera), Syafruddin (Region Assistant Region Government West Sumatera), Drs.Burhanuddin, MM (Head of Education Department West Sumatera), and Asistasia (Tourism Department West Sumatera).

The discussion resulted that Education Department of West Sumatera and SEAMOLEC will execute two types of trainings; face to face training and online training. Result of those trainings will be disseminated to teachers in West Sumatera Province. Meanwhile in the field of ICT, SEAMOLEC will assist West Sumatera especially South Solok, Mentawai and West Pasaman Region to use SIERRA, considering those areas’ characters of needs. Communication and Information department will also improve student’s foreign language skill to improve their competence among other students in Southeast Asia.

As for cooperation in Tourism field, SEAMOLEC agreed to support increasing quality and quantity of human resource and infrastructure. PPPPTK Tourism has done several training program to answer the challenges. Furthermore, tourism department will map needs for each subsector of each tourist destination. The final meeting to detail the cooperation between West Sumatera and SEAMOLEC was held on March 7, 2017 conducted through video conference. Tourism department of West Sumatera and SEAMOLEC agreed to develope creative economy industry sector. Tourism department of West Sumatera Province suggested to guarantee product’s quality and quantity. (Dew/Mid)
Governor of North Kalimantan Province
Agreed to
Develop Digital Class Program

Governor of North Kalimantan, DR. H. Irianto Lambrie accompanied by Director of SEAMEO Secretariat, Dr. Gatot H. Priowirjanto and Director of SEAMOLEC, Dr. Abi Sujak. Government of North Kalimantan agreed to develop Digital Class program for increase number of ICT literacy in the province.

DR. H. Irianto Lambrie, the Governor of North Kalimantan Province visited SEAMOLEC Office on Thursday, 22 December 2016. SEAMOLEC Director with SEAMEO Secretariat Director welcome and take him to a tour visit to SEAMOLEC’s facilities. In this visitation, North Kalimantan Government also agreed to develop digital class program to leverage the ICT literacy in the province.

During the visitation, SEAMOLEC provided exhibition in the 1st floor where the Governor can see SEAMOEC’s publication, and several digital contents. In the computer lab on the 2nd floor, the Governor got the chance to visit SEAMOLEC Digital Class and see various programs which have been developed by SEAMOLEC. The ceremonial event was conducted in the video conference room on the 3rd floor.

SEAMOLEC also got the chance to present to the Governor about the core program of Training and IT development. There was also discussion between the Governor and delegates with SEAMOLEC officers. Memorandum of Understanding was also signed between SEAMOLEC and North Kalimantan Provincial Government during the visit. It was expected that the Digital Class Programme can also be implemented.
VR and AR utilization for education was elaborated by SEAMOLEC staff in North Kalimantan to help solve educational problem in the province. The Governor was very impressed with all technology being presented at SEAMOLEC computer laboratory and wish the cooperation between the two institutions can be fruitful in the future. (A/n/Mid)

Governor of North Kalimantan, DR. H. Irianto Lambrie listened to the explanation from SEAMOLEC Director, Dr. Abi Sujak, M.Sc.

DR. H. Irianto Lambrie paid attention upon Holobox usage for education, explained by SEAMOLEC staff.
Minister of Education and Culture of Indonesia, Prof. Dr. Muhadjir Effendy, MAP visited SEAMOLEC’s booth.

Visitor was experiencing utilization of VR.

Rembuknas of Ministry of Education and Culture of Indonesia

Having role in developing Open and Distance Learning (ODL) education in Southeast Asia, SEAMOLEC has involved in several exhibition to disseminate the centres’ upcoming events and flagship programs and achievements. At the beginning of year 2017, SEAMOLEC become participants in Rembuk Nasional, a national scale exhibition of Education Practitioners and Stakeholders conducted by Ministry of Culture and Education of Indonesia (MoEC) in Education and Training Center of MoEC (PUSDIKLAT Kemendikbud) in Sawangan, Bogor. This event held from 25 to 27 January 2017 and was visited by more than 1,000 visitors from all around Indonesia.
ASEAN Campuss Expo 2017

The next exhibition participated by SEAMOLEC was ASEAN Campuss Expo 2017 which was held in Jakarta International Expo, Kemayoran, Jakarta. Conducted on 7-9 February 2017, this regional scale event was participated by more than 100 higher education and training institutions from ASEAN countries; Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Thailand, and Vietnam. SEAMOLEC has taken a part in promoting and socialized SIERRA, SEAMOLEC MOOC, digital media, and possible cooperation among education institutions in Southeast Asia countries. (Mid)