SEAMEO Big Data Workshop

The 2nd HOM on SEA TVET

Learning from 54 years existence of KOSEN Japan

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Warm greetings from SEAMEO SEAMOLEC. I am glad to present to you the August issue of SEAMOLEC Info. In our commitment as a centre focuses in online and distance learning, we are pleased to inform you that SEAMOLEC had successfully organized The 4th batch of Online Training for Digital Class. In this training we use SEAMOLEC MOOC as a source of learning for the participants. Another interesting fact is that this training is followed enthusiastically by more than 1,000 education practitioners across Indonesia.

SEAMOLEC also feels honored to be hosting The Regional Workshop on SEAMEO Centre Managing and Integrating Data on 11-13 August 2016 at our office. The idea of having knowledge management of SEAMEO has been around for these past years. This SEAMEO Big Data is expected to be one stop centre of information related to the 21 SEAMEO centres, where all products and results are compiled. Not only it can be used and retrievable for regional community, it is also expected to help centres in identifying needs and taking more confident decisions related to centres’ programmes.

Considering that good initiatives always easier to be achieved by synergizing with many parties, SEAMOLEC continues to support and work upon cooperation among nations in Southeast Asia. There were several activities in which SEAMOLEC involved in; including High Officials Meeting (HOM) on SEA-TVET event and workshop in preparation for the youth generation in penetrating the labor’s market and meeting the industries’ needs in the era of MEA. We supported MoEC of Indonesia in SEA TVET Bali, Learning from Japanese Kosen for Indonesian TVET institutions, as well as Magis Camp training for students in Malaysia.

Finally, we hope that the power of synergies and good initiatives will always be our passion in enhancing the quality of education among the countries of Southeast Asia. Especially with the use of technology increasingly allows us to achieve our goals welfare for the nation through education.

Warm regards,
Dr. Abi Sujak, M. Sc.
SIERRA: An Innovation for 21st Century Education

The world of education in Indonesia is facing an interesting challenge to be anticipated. Thousands of islands spread out in its vast area, heterogenous society, and the dynamic economic growth are among the important factors for education practitioners to realize one of the nation’s future goals, which is to enrich the life of the nation.

Meanwhile, this country is also faced with a new challenge to compete with other countries in the world in order to improve its stage of life. ASEAN Economic Community (AEC) is a condition that must be addressed with high qualified capability. Each and every individual has no other choice but to equip themselves with knowledge and skills to be able to win the competition in the work field. Basic competences that must be obtained by all individuals in this 21st century are innovative, collaborative, critical thinking and multi-tasking.

The 21st century individuals also need to be able to apply technology in the field of information and communication. It has been stated in the 21st century learning concept that requires learners to master 3 skills; Life and Career Skills, Learning and Innovation Skills, and Information, Media, and Technology Skills.

Mastering the use of information technology, media, and communication or ICT Skills means that students are able to access information effectively and efficiently; to critically evaluate information; and to manage information in order to help solve problems. Students are also expected to be able to analyse information media; and to create appropriate media for communicating. In the future this expertise would be very important for human resources to compete in the work field.
An innovation for a better education

A good nation certainly will not back down when facing obstacles. On the contrary, from this point, innovation and creative ideas will arise. A brilliant innovation for education namely SIERRA has been launched. SIERRA or SEAMOLEC Educational Resources for Remote Areas is a product that allow students to learn by accessing learning materials in form of video, audio, and 60,000 contents compiled in an offline site, by using their smartphones or Personal Computer (PC) without using internet connection.

Available contents in SIERRA among others are results from cooperation with Rumah Belajar (PUSTEKKOM), Khan Academy, Biovision, Mathematics Lab, and many more, which can be adapted. SIERRA can be filled with learning materials as needed by schools, teachers, or the institution as user. This will certainly gives distinct advantages from schools/relevant educational institution, as it can indirectly protect students from accessing dangerous sites or pornography contents.

The process of acquiring ICT skills begins with digital learning. After knowing and enjoying the application of digital products in their daily life, students are expected to produce digital contents in various format, such as video, audio, animation, and multimedia. What are the facilities needed to support this digital learning process? Minimum items to be prepared are; internet connection, computer lab, satellite, server and personal computers.

As an archipelago country with over that 270 million of population spread out all over 17,000 islands, Indonesia will find it quite challenging to realize the idea of enriching the life of the nation as well as to practice the 21st century learning concept. Especially whenever it comes to education for remote areas. Obstacles arise from the geographic contours, the unsatisfactory statistical data about technology and internet literacy, to the insufficient ICT facilities provided by the Ministry of Education. Minimum facilities needed to be provided by students to access digital contents are internet connection, computer lab, or personal computers.
SIERRA comes in as a simple, handy, and easy to carry gadget with the size no larger than a credit card. Not only to assist students in self-learning process, SIERRA allows students to follow online test exercise or computer-based test only with the use of their smartphones. Schools will no longer need to provide PC or computer lab and internet connection. One unit of SIERRA can provide 60,000 offline contents or more that 1000 quizzes for try out test. All can be directly accessed from their gadgets without internet connection and it also saves electricity.

**Excel in Remote Areas**

Besides used as local server, SIERRA can also be accessed by up to 30 users. This is why it is claimed as innovation for a better education, as it can be a good solution for areas with limited infrastructure facilities and internet connectivity. Other privileges of this device is the use of low wattage, 10-15 Watt, and has storing capacity up to 64Gb which can still be added with external harddisk. Users will only have to provide laptop or tablet, electricity, solar cell or powerbank with 2,2 Watt output power.

SIERRA has been used by SMAN 2 Padalarang which act as reference school in Open High School (SMA Terbuka) Padalarang. This device is chosen as solution to access learning materials without internet, for this school is lacking of internet connectivity. Through SIERRA, teachers could develop digital contents to be stored in the local server of SIERRA when they are connected with internet, which later can be saved in the server of learning venue or Tempat Kegiatan Belajar (TKB). Then these contents are ready to be accessed by students. SIERRA installation in Padalarang is highly recommended based on its highlands topography. During SIERRA trials, recorded a number of 126 students were in Cihampelas learning venue/TKB.

**Part of ASEAN Priorities**

SIERRA device was officially launched by SEAMEO Regional Open Learning Centre (SEAMOLEC) on April 2016 on the event of 2nd Strategic Dialogue for Education Ministers in Bandung, West Java. This event is an annual meeting among Ministers of Education in Southeast Asia.

As a regional centre focuses in the field of Open and Distance Learning, SEAMOLEC continuously makes effort in making innovation, developing systems and methods of ICT tools in order to provide solutions for education to reach a wider community. As stated in SEAMOLEC motto “Reaching The Unreachable, Making The World Into One World of Learning”.

Currently SEAMOLEC is developing android-based online test method. SEAMOLEC also is also developing wireless access point to be able to attached with mini server in order to save the use of electricity. (Mid/Aln)
SIERRA trials from reference school to learning venue or Tempat Kegiatan Belajar (TKB)

Scheme of how to use SIERRA

Exam Exercise

Access & Sharing Content
Initiated by SEAMEO Secretariat to compile important and relevant data and information from all SEAMEO units, SEAMEO SEAMOLEC was assigned to hold a regional workshop on SEAMEO Centre Integrating and Managing Data on 11-13 August 2016. This workshop aims to formulate data collection and information for SEAMEO Big Data, and to provide skill in using Open Knowledge Management (Open KM) as the platform.

This workshop is expected to develop data and information of SEAMEO Centres, such as centres’ profile, program, report, journal, etc which will become a SEAMEO’s Big Data. This Big Data via the designated Open KM platform will serve to provide compilation of large and complex data and information that may lead to more confident decision making in the future.

There were 31 staffs from 13 SEAMEO Centres (BIOTROP, RECFON, SEAQIS, SEAQIM, SEAQIL, RECSAM, SEN, RETRAC, CELLL, RIHED, SPAFA, INNOTECH, SEARCA) participated in the workshop. Resource persons for this workshop are coming from SEAMOLEC and SEAMEO Secretariat.

SEAMOLEC Director, Dr. Abi Sujak, M.Sc., formally opened the workshop and presented “The Concept of Knowledge Management” on the first session with 3 main concerns:
Active participation from all participants has made the workshop fruitful.

This workshop was divided into several sessions, among other; online session with the topic on Science Big Data presented by Anton Wiranata, SEAMEO Expert from USA; brainstorming by participants from each SEAMEO Centre to identify and categorize data and information for SEAMEO Big Data; and practice on the use Open KM as the platform of SEAMEO Big Data.

At the end of the workshop, the participants have successfully developed the SEAMEO Big Data categories based on Science, Education and Culture; and uploaded the SEAMEO Centre’s data on Research and Training using Open KM platform. *tim/mid
After successfully conducted online digital class training batch 1, 2, 3 participated by 184 education practitioners all over Indonesia, SEAMOLEC held the 4th batch training which was started from July 20 to August 20, 2016. This training was followed by 1395 participants from 1037 institutions across the 33 provinces of Indonesia. The participants were registered through www.seamolec.org and www.pelatihankelasmaya.wordpress.com. In this batch of training, learning material and quiz in every session were supplied through SEAMOLEC MOOC which could be accessed through http://mooc.seamolec.org. The participants were assisted by SEAMOLEC tutors through video conference held twice a week, every Wednesday and Saturday.

Their active participation will be assessed through MOOC, video conference, and seminar. Assessment component in this training is 25% of the activity in the MOOC, 25% of presence in video conference and 50% at the seminar. At the seminar the participants will have to present the digital class activities using Edmodo platform and results of the implementation in schools. For participants who have successfully completed the training and passed, they are entitled to receive SEAMOLEC certificate.

The training was involving 15 staffs of SEAMOLEC and 44 mentors that were recruited from the participants graduates of previous batches. Mentoring was being done every day through WhatsApp application that made into 6 groups.

“Thanks to SEAMOLEC by giving me the opportunity to share knowledge to teachers throughout Indonesia. I have achieved many things in this training; knowledge, friends and new family. Working with worship, trust and responsibility is my commitment in this fourth batch of training. I hope it could be a great contribution for education in Indonesia,” said Dian Sandriani, S.Pd., a mentor from SMPN 2 Kolaka, Southeast Sulawesi.

“It is an honor to join as a mentor during this training. I could interact with other teachers with different characters and from different regions and cultures, from Aceh to Papua. I appreciate participants’ enthusiasm to learn,” said Siti Zulaiha, S.Pd, mentor from SMPN 1 Baturetno, Wonogiri.

“This is a valuable experience for me. Total number of participants were more than 1,000 people who are from various regions in Indonesia. I thanked SEAMOLEC for entrusting me to be a mentor,” said Amiruddin Wabalu, S.Pd., mentor from SDN 5 Masohi, Maluku.

The training was organized free and online by SEAMOLEC. It could be followed by teachers without disturbing their activities during the day at school, and are not restricted by distance, space, and time so teachers can develop the ability to manage the virtual classroom. Here are some of participants’ testimonials about the training.

One of the participants is Suci Pretiwi, S.Pd, the principal of SDN 2 Drono, Ngawen Klaten in Central Java “From all of trainings I have followed, this was the only one which made me confused, curious and nervous eventhough i have already taught for 23 years. Thanks to mentors and instructors, I can complete this training.”

“Awesome. I get the knowledge, experience and friends from all over Indonesia who are very enthusiastic although sometimes they need to face internet signal problem. I am grateful that we were accompanied by mentors with extraordinary patience. I hope the world of education in Indonesia will get better in the future,” said Bau Supianti, S.Si., of SMPN 28 SATAP Salenrang Maros, South Sulawesi.

SEAMOLEC will conduct online training batch 5 in September 2016, please register through our website www.seamolec.org and www.pelatihankelasmaya.wordpress.com. “Ddn/Mid

SEAMOLEC Info

SEAMOLEC Info
The 2nd High Official Meeting (HOM) on SEA TVET: Strengthening Efforts towards harmonization and internationalization of TVET in Southeast Asia

TVET has been identified as a priority area in the South East Asian region. This development resulted from consultations held in 2012, initiated by the Southeast Asian Ministers of Education Organization (SEAMEO) and the Asian Development Bank (ADB) under the SEAMEO College Project. After two years, SEAMEO affirmed the importance of TVET by naming it as one of its post-2015 priority areas during the Strategic Dialogue of Education Ministers in September 2014. As a form of education that results in poverty reduction, economic recovery and sustainable development, TVET has received greater attention from policy makers, particularly in the quest for economic integration into ASEAN.
at the year-end of 2015. With this context in mind, and considering the perceived increase in mobility of skilled workers in the region, SEAMEO in cooperation with other institutions, i.e: Ministries of Education of SEA countries, SEAMEO Centres, NGOs, etc. have been conducting several programmes related to the SEA TVET development within the region.

As a follow up of the 1st HOM on SEA TVET that was held in Chiang Mai, Thailand, the 2nd HOM on SEA TVET was held on 12-14 May 2016 at Grand Nikko Hotel, Nusa Dua, Bali, Indonesia. The event was hosted by the Ministry of Education and Culture of the Republic of Indonesia and coorganised by the Southeast Asian Ministers of Education Organization (SEAMEO), and the German Cooperation. The theme of the event was “Strengthening Efforts towards harmonization and internationalization of TVET in Southeast Asia”.

The meeting aimed to 1) review and evaluate the implementation of the SEA-TVET Programme in 2015-2016; 2) further determine other regional policy directions to promote harmonisation and internationalisation of TVET institutions in the Southeast Asian region that will prepare TVET institutions and learners to actively participate in ASEAN Integration; and 3) identify other regional strategies to improve the quality of TVET in the region – especially to improve the active participation of those in the industrial sector, as well as related development agencies, through public-private partnerships.

The meeting was participated by approximately 170 participants comprising of secretary-generals, director-generals, policy makers on TVET, and directors of TVET institutions from Southeast Asian countries, namely Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Thailand, Timor Leste and Vietnam. The meeting also involved TVET partners from China, Germany and Japan. In addition, National Seminar for Indonesian TVET Leaders was organised on 14 May with approximately 150 Indonesian TVET directors and lecturers.*Aln
Learning from 54 years existence of KOSEN Japan

Considering the needs of improvement of TVET education especially in engineering, Southeast Asia Ministers of Education Organization (SEAMEO) has collaborated with KOSEN and Ministry of Education, Culture, Sports, Science and Technology (MEXT) Japan and conducted High Officials Country-Level Workshop on SEA-TVET on 14th to 15th July 2016 in Tokyo, Japan. This workshop was participated by 30 participants from Brunei Darussalam, Cambodia, Indonesia, Malaysia, Philippines, Singapore, Thailand, 24 participants from KOSEN, MEXT, JICA, and other partners from Japan.

During this workshop, Dr. Abi Sujak, Director of SEAMOLEC was offering SEAMOLEC’s facilities as a SEAMEO Center for Open and Distance Learning to conduct online discussion as part of follow up action on collaborative program. For further collaboration, in term of sharing digital learning materials from KOSEN to its partners, Dr. Abi proposed utilization of SEAMOLEC massive open online course (MOOC).

KOSEN stands for Koutou Senmon Gakkou or National Institute of Technology is a well-known college of technology among manufacturing and development companies that support Japan as one of top country in science and engineering development in the world. Its unique model not only survive in their five years of consistent engineering education system started from 15 years old students, but also
SEAMOLEC is an actively contributing centre in assisting SEAMEO for SEA TVET programme.

In its two year advanced course. In KOSEN, theory is delivered in the same level with university students, while KOSEN students also equipped with high level of engineering skills. With their fifty four year of experience, more than 97% of KOSEN graduates obtaining employment or continuing their education.

The workshop’s goals was to share KOSEN engineering educational model by closely observed its teaching and learning process and facilities and discussion with managements, professors and also students. This workshop is expected to help participants to understand, learn and probably adapt KOSEN model in their own respective country to enhance quality of engineering TVET education.

As the output, the workshop was also successfully identify potential collaborative programs between KOSEN colleges and Southeast Asia TVET institutions such as: Institutional development with bench marking and curriculum development as examples of activities; staff or teacher’s capacity building by conducting training and exchange; student development by conducting student exchange and industrial attachment; research and development training for teachers; and joint research for final year students. *Chy/Mid
The Third International Conference on Open and Flexible Education

Open University of Hong Kong (OUHK) has organized the annual conferences of open and flexible education named The Third International Conference on Open and Flexible Education (ICOFE) 2016. ICOFE 2016 was held on 6th to 8th July 2016 at Jubilee College OUHK. The 3rd ICOFE 2016 is significant gathering of scholars and educators from around the world to discuss pedagogical issues and build professional relationship.

SEAMOLEC was one of participant in ICOFE 2016 with the paper entitled: “The Digital Class: Learning in the 21st Century”. The paper was presented by Mr. Timbul Pardede (SEAMOLEC Expert) on the Parallel Session (Social Media and Technology-mediated Learning Communities).

The theme for the ICOFE 2016 is Innovative Pedagogy and Technology, featuring creative pedagogical practices to enhance open and flexible learning and novel use of technologies in educational contexts. It explored the possibilities of new approaches and means of pedagogy for learning in a wider range of places and times. The conference encourages sharing of research and practices concerning teaching and ways to meet the needs of various types of learners, as well as for better or more effective processes, technologies, or ideas that are accepted by those in charge of education such as teachers, educators or policy makers.

This event was motivated by fact that in 21st Century learning, future of education is created by today’s educators. Firstly, researchers are laying the foundation for many innovations to come. We need new ideas and hypotheses, new empirical studies to test their validity, and new publications and workshops to disseminate these theories and put them into practice. Secondly, the next generations of educators are now being taught in classrooms, or through online or mobile learning. Teaching and learning process by applying information and communications technology is no longer a novelty, but increasingly a necessity. Pedagogical advances arise from technology-mediated instruction, big data analytics and other innovations that help to reduce the costs of education delivery and enhance learning outcomes.

Openness and flexibility are major trends in contemporary education, influencing the whole spectrum of education institutions across the globe. Technological advancement and breakthroughs are bringing about a paradigm shift in
contemporary education. Modes of learning and teaching are becoming more open and flexible in terms of time, space, curriculum contents, organization, pedagogical methods, infrastructure and requirements. This change does not only happen in open universities, but also conventional tertiary institutions, as well as schools. The rapid development of Massive Open Online Courses (MOOCs) is one example that well manifests the global trend of open and flexible learning.

Subthemes of the ICOFE 2016 include the following pedagogical innovation; innovations in educational technology; innovations in curriculum development; mobile and ubiquitous learning; engaging students and learning design; social media and technology-mediated learning communities; and open educational resources and MOOCs.

Besides SEAMOLEC, there were also 7 (seven) keynote sessions on the three days conference inspired with their latest research findings and best education practices. There are Professor Wing On Lee, Dr. Eva Tsang, and Professor Alan Tait from OUHK; Dr. Alan Bruce from Founder of Universal Learning Systems; Professor Robert Tennyson from University of Minnesota; Professor John Traxler from University of Wolverhampton; and Dr. Anatoliy Gruzd from Ryerson University.

The OUHK will be the host for next annual conferences of open and flexible education ICOFE 2017. *Tim/ Mid
Reflecting from the success of previous bilateral cooperation activities between Indonesia and Thailand, SEAMEO SEAMOLEC and Office of Vocational Education Commission (OVEC) Thailand had agreed to conduct Indonesia-Thailand Future Collaboration program. The agreement meeting was held at Banchiang Hotel Udonthani on 27th to 31st May 2016. This event was attended by 135 participants from 21 Indonesian schools, 111 Thailand colleges and 3 Philippine colleges.

Partnership program has become a necessity, especially for school or college-level. The objectives of the program are to build collaboration between schools in Indonesia and Southeast Asian countries. The action plan mentioned that the program is to improve quality of learning through collaborative study; to provide pathways for teachers to do research; and to share knowledge, culture and education values.

Indonesia-Thailand Future Collaboration aimed to evaluate the partnership program which has been held so far. Every school and college had to present the activities they have been done to support the program. They also asked to present the challenges and obstacles they faced, also the utilization of ICT during the program.

Some of school and college has conducted student and teacher exchange program. In this program students came to Indonesia and become Indonesian student in a class for 6 months. Hopefully this program will run continuously to strengthen cooperation among both countries and could enhance human resources quality in education field along with 21st Century Skill Competencies. *eet/atie
On Friday, June 3rd, 2016, SEAMOLEC welcomed a delegation from Hubei Provincial Department of Education. The delegation team was led by Deputy Director General, Mr. Zhang Jinyuan. There were 3 Chinese colleges participating in this visit: Wuhan Railway Vocational College Of Technology, Wuhan Institute of Shipbuilding Technology, and Wuhan Technical College of Communications. Meanwhile, Indonesian institutions were represented by 11 institutions came from universities, colleges and high schools.

The workshop was opened by a welcoming remark from SEAMOLEC Deputy Director for Administration, Dr. A.B. Susanto. He said that it was a good chance for institutions from two countries to collaborate and build the cooperation in field of Railways, Shipbuilding and Communication Technology.

The event was continued by presentation from both countries' representatives about which majors that suitable to collaborate between the institutions. Furthermore, the participants also explained briefly about opportunities and benefits of establishing good cooperation with Hubei. In addition, Dr. A.B. Susanto emphasized that SEAMOLEC was ready to help and facilitate the cooperation. At the end of discussion, there were Letter of Intents (LoIs) signing between both parties.

The Chinese Delegates was represented by Deputy Director of Hubei Provincial Department of Education, General Zhang Jinyuan; Director of Division of vocational and adult education Hubei Provincial Department of Education, Deng Shimin; President of Wuhan Railway Vocational College Of Technology, Cheng Shixing; President of Wuhan Institute of Shipbuilding Technology, XiongShitao; President of Wuhan Technical College of Communications, Wang Jinsi; and Director of Division of cooperation and exchanges, Wuhan Technical College of Communications, Yang Changrong.

While Indonesian delegation was represented by Dian Nuswantoro, Widyatama University, SekolahTinggi Ilmu Maritim, FKIP UNS Solo, STMIK Widya Utama, STMIK Tasikmalaya, SMK Perikanan & Kelautan Puger, SMKN1 Mundu Cirebon, Universitas Muhammadiyah Jakarta, Politeknik TEDC Bandung, and Politeknik Perkapalan Negeri Surabaya. *ans/elv
Considering that mobile-based learning is an important movement to unlock students’ potential, SEAMOLEC conducted a workshop in Johor Baharu Commerce Vocational Collage, Johor Baharu, Malaysia, on 2nd to 6th May 2016. This workshop was attended by 30 participants and had objectives to help students in mastering additional skills in IT and to support learning process at anytime and anywhere.

As we know, mobile learning is not only allow us to learn in a flexible way. It also supports three pillars of learning activities: individual, collaborative, and situated learning. In terms of language learning, mobile assisted language learning has become increasingly common.

The workshop is divided into two groups, Programming and Designer group. The programming group was participated by 15 students while the designers group was participated by the rest 15. The students came from 7 Vocational Colleges; Commerce Vocational College of Johor Bahru, Vocational College of Shah Alam, Vocational College One of Sungai Petani, Vocational College of Kulim, Vocational College of Kluang, Vocational College of Kuala Krai, and KRU Academy.

The same workshop was previously held in Indonesia and Thailand. Anticipating the ASEAN Economic Community that has just begun, the workshop is planned to be extended in order to gain more participation, not only from Indonesia and Thailand but also from Malaysia. In 2016, there will be a Regional MAGIS Camp workshop which is a collaboration among Department of Technical and Vocational Education, Ministry of Education Malaysia, Department of Technical and Vocational Education, Republic of Indonesia, Goethe-Institut Thailand, Malaysia, and Indonesia.

Since 2013 to enhance German language learning for Indonesian students, Goethe-Institute Indonesia as a cultural institute of the Federal Republic of Germany in Indonesia, in collaboration with Directorate of Vocational Education-Ministry of Education and Culture (DTVE, MoEC) Republic of Indonesia, and SEAMOLEC, are conducting Mobile Application Goethe-Institute and SEAMOLEC Camp or MAGIS Camp.

MAGIS Camp is a one week workshop participated by secondary school students to develop mobile learning applications for German learning. During the workshop, students will work in group of 3 people as a programmer, a designer, and a content developer, while Goethe-Institute assists students in term of German language learning as content of the app and SEAMOLEC will assist on mobile programming and application design.

MAGIS Camp has been established 4 times, Indonesia (2013), Thailand (2014), Indonesia (2014), and Regional MAGIS Camp (2015). As an output of the workshop, students are expected to get competencies to understand the mobile-based learning concept design and able to create user interface and define user experience for mobile application. They are also expected to be able to develop an android-based mobile application, and published android application for language learning. The participant’s project “Android Application” are developed by 15 groups.
SEAMOLEC conducted workshop on 30th to 31st May 2016 at National Polytechnic Institute of Cambodia and on 1st to 3rd June 2016 at Kieniang Vocational College, Vietnam. The participants came from various educational institutions from Indonesia, Cambodia, Philippines and Vietnam. It is aimed to build collaboration among Universities in Indonesia, Cambodia, Philippines and Vietnam; to improve quality of learning through collaborative study; provide pathways for teachers to do research; provide the opportunity for teacher and student exchange; do the Double degree program and credit transfer; and also to share knowledge, culture and values.

This workshop is a part of several activities that has been planned among others: collaborative learning in particular study programs (IT, English, Civil Engineering, Mechanic, Electronics, Language, etc.) through open and distance learning. In order to support these programs, teachers of particular study program from both participating universities need to upload learning materials and assessment for the specified learners. The other activities are teacher exchange; student exchange; co-conducted training for lectures, IT technician, and other education personnel; and also join conducted International Seminar/workshop.

Participating students will have the similar curriculum, standard of learning and assessment. Media collaborative learning language is English could also be made through online learning and conventional education through students exchange program. SEAMOLEC will give training for lecturers of selected study program to develop learning materials for online collaborative learning.

As one of SEAMEO Regional centers responsible for developing educational sector, particularly in Open and Distance Learning (ODL), SEAMOLEC has been developing an educational network through online collaboration, online learning, develop digital books, also conducting expert exchange and partnership program within SEAMEO Member countries. Improving the quality of education has always become the concern for every level of stakeholders; University, Ministry and Country. One way to achieve it could be made through university partnership. This is also a part of SEAMEO Council initiatives.

SEAMOLEC Director gave remarks at the opening ceremony of the workshop.
which comprising 11 Education Ministers, High Official Meeting that including 11 Director Generals of SEAMEO Ministry Education and support human resources development in ASEAN Community. Indonesia and other SEAMEO member countries have potential chances in synergizing and achieving the improvement.

There were 19 institutions participating in this workshop. From Indonesia, there were Politeknik Negeri Jakarta, Politeknik Piksi Ganesha Bandung, Sekolah Tinggi Informatika & Komputer Indonesia Malang (STIKI Malang), Universitas Sarjanawiyata Tamansiswa, and STMIK Bina Insani. While from Philippines this program was followed by Community Healths Education Emergency Rescue Services (CHEERS). Cambodia was represented by National Polytechnic Institute of Cambodia (NPIC), Industrial Technical Institute, Regional Polytechnic Institute Techo Sen Takeo (RPITST), National Institute of business (NIB), and Combodia-India Enterpreneurship Development Institute (CIEDI).

Participants from Vietnam were Kien Giang Vocational College, Can Tho Vocational College, Dong Thap Vocational College, Soc Trang Vocational College, An Giang Vocational College, Tra Vinh Vocational College, Vinh Long Vocational College, and Kien Gian Medical College. *Umy/Mid
Who Is Who

Midya joined SEAMOLEC since February 2016. Her involvement as a volunteer teacher in a remote area while she was studying at college have made her fall in love with the world of education. Graduated with a cum laude predicate from Universitas Padjadjaran, Bandung, Midya has experience as a journalist in national media and publication in Indonesia. Recently she has engaged in publishing and multinational marketing companies. Being a fruitful human being for a mankind always become her spirit. That's why beside her activity at the office, she keeps maintain her passion in social and educational fields. She has been an active volunteer teacher for a non-profit organization which provides scholarships for children who come from underprivileged families.

In her leisure time she loves reading and taking photos. Her excitement on photography and traveling has brought her as one of Photojournalist Interns for a Japan's tourism company in 2015. Supporting their program, she had a chance to travel and promote Japan tourism through her photos and writings. “Traveling always bring us to find something new. It will remind us to stay humble and teachable, knowing that we know nothing,” said Midya. At the end, Midya hopes she could gain more knowledges and contribute her best for education society in Indonesia and also Southeast Asia through SEAMOLEC. Currently she is working under the Public Relations and Marketing Division, and became the managing editor for SEAMOLEC Info Bulletin.

Christiawan, or people call him Christ, is a new staff of SEAMOLEC. He started working for IT Content Division since 2016. He finds that internet and digital world are his passion. There are no days without internet for Christ. He really enjoys the process of website making and articles writing. You can find his writing in his personal site named christtiawan.web.id

After graduated from SMK (Vocational High School) 2 Surakarta, he attended a contest of Android Application Making held by SEAMOLEC in Surakarta. As a top 5 winner, he was awarded a scholarship to study in Diploma 1 at Bandung Institute of Technology (ITB) in 2014 and Diploma 3 at AMIK Wahana Mandiri in 2016.

Since August 2013 until December 2015, Christ joined in SEAMOLEC as internship student. He assisted Administration Division and learned about Government Fund Planning application, assisting Digital Class Program, Android Based Learning Program, and Website Development Program. Since January 2015 until December 2015 he was transferred to IT Content division. During a year, he was assigned to create website for Ministry of State Secretariat, to assist the Digital Class Program, to conduct Magis Camp Program, and many more.

At the moment Christ is responsible for maintaining the MOOC website of SEAMOLEC and joins the Magis Camp Program as a facilitator in Application Development Team. “I will work as good as possible here. I am very pleased to have opportunity to work in SEAMOLEC because I got a lot of knowledge and experiences about open distance learning and teaching, which are very interesting,” said Christ.