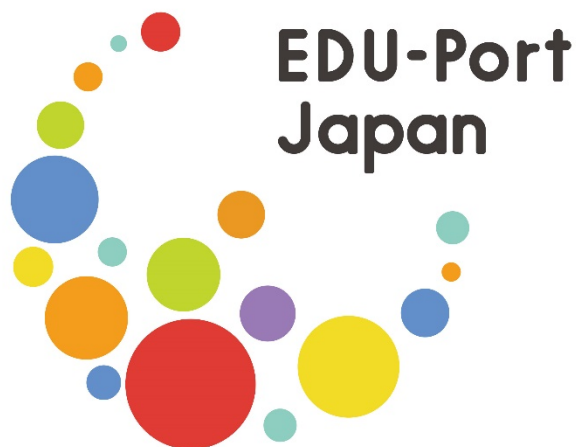


EDU-Port Japan

Certified Projects and Supported Projects

Ministry of Education, Culture, Sports,
Science and Technology- JAPAN



March 2019

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2018 EDU-Port Supported Projects

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Based on the request of the “**Basic Experiment Science Education Improvement Project**” at universities in Myanmar, Gifu University and Japanese teaching equipment manufacturers will cooperate in the physics field (**EPE : Experimental Physics Education**). Through invitation/ dispatch to trainings on **Lesson Study** to establish **Active Learning**, we aim to build a training system based on on-site university staff which guarantees sustainable and high quality education, that can also be applied to other subjects and elementary and secondary education, through our support for syllabus improvement, experiment preparation, etc.

Project Concept

- Widely introduce teaching methods to enable learners to gain wider knowledge and expertise effectively with selected experiments.
- Training to introduce Active Learning into experiment classes.
- Investigation of educative effects of Lesson Study among teaching staff, and feedback to upgrade teaching method.

Contents & Outputs

- Combining similar experiments & developing new education tools
(Apr.25–May 23)
@ : Yadanabon Univ., Lashio Univ.
- Training 15 Lecturers from core 3 Univ.
(Jun.3–Jul.1) [Fig. 1]
Mandalay, Yadanabon & Meiktila
- Inviting 13 staff for training
(Nov.1-10) [Fig. 2]
Supported by
SAKURA Exchange program in Science
Training of Active learning & Lesson study



Fig.1 @ U. Mandalay



Fig.2 @ Gifu U.

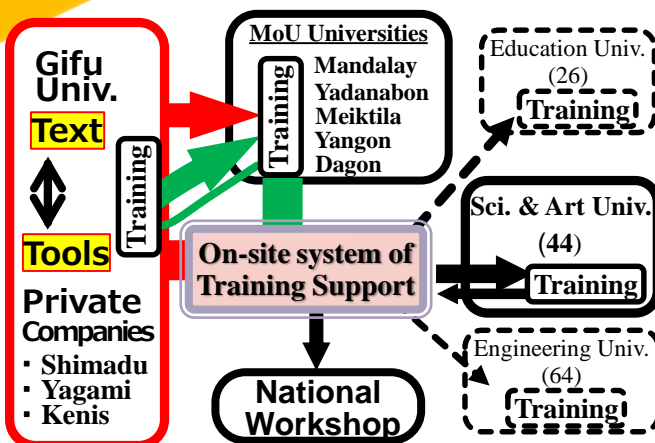


Fig.3 @ U. Yangon



Fig.4 @ Magway U.

Implementation Structure



- Pre Training of the 3rd National WS on the EPE
(Nov.12-15) [Fig. 3] @Univ. Yangon
50 teachers from 9 universities
@ Lower Myanmar
- The 3rd Nat'l WS on the EPE in Myanmar
(Nov.16-20) [Fig. 4] @ Magway Univ.
Nationwide broadcast by MRTV
90 teachers from 35 universities
from all over Myanmar

Way Forward

- Setup the on-site Training Support System
- Extend model-based training to lower MM
- Invitation & training at Gifu
- Support the national workshop on the EPE
- Support the on-site training

Setup a sustainable on-site Training System

Training for all Sci. & Art Univ. (44)
 ⇒ Education Univ. (26)
 ⇒ Engineering Univ. (64)
 ⇒ Experimental SCIENCE Education (Chemi. & Bio.)
Provide broad knowledge and deeper consideration with experiments.

In order to actively accommodate the modernization experience of Japan into the nation-building process of Asian countries, and to provide the Japanese government with necessary technical tools for supporting the designing of a "judicial system based on the Japanese model" outside of Japan, the project will build a new legal education model which can be utilized as a common method for the training of jurists who will be capable of contributing to the legal development of the countries concerned. The project will review the curriculum, teaching materials and teaching methods applied so far by the "Research and Education Center for Japanese Law (CJL)" established by Nagoya University outside of Japan, and collaborate with a consortium networking universities and enterprises in Japan to further develop the relevant curriculum, materials and methods so that they can be equally helpful and applicable to other institutions in the region.

Project Concept

Since the Japanese government has widely contributed to the law making process in Asian countries in transition, its next logical step includes developing human resources for operating such laws. The aim is to share the Japanese experience of transplanting foreign legal systems considering their compatibility for the local society.

Contents & Outputs

- Writing and revising updated teaching material contents

Continuous discussions were held on what contents should be included in textbooks to effectively teach Japanese law to students from countries with different legal systems. Based on these discussions, we have reconsidered the contents of two textbooks (*Japanese History, Politics and Society*, and *Japanese Legal System*) and initiated their rewriting. Hence, the first draft of the *Japanese History, Politics and Society* was completed in February 2019, whereas the contents of the *Japanese Legal System* is under finalization.

Implementation Structure

Nagoya University
Graduate School of Law • CALE

Center for Japanese Law
Consortium

Executive
committee

Institutional
Members

Teaching
Material
Development
Working
Group

Individual
Members

Supporting
Members

Center for Japanese Law

Tashkent State
University of Law
National University of
Mongolia
Hanoi Law University
Ho Chi Minh City
University of Law
Royal University of Law
and Economics
Laos National University
University of Yangon
Gajah Mada University

- Discussion on essay/ research plan writing methodology
We have started regular meetings for hearing each lecturer's opinion on effective teaching methods and evaluation.
- Study on the concept of legal education offered to international students
A symposium was held in collaboration with the CJL Consortium, to examine the concept of legal education offered at Japanese universities for international students.



Way Forward

We will finalize the preparation of the upcoming textbooks (*Japanese History, Politics and Society*, and *Japanese Legal System*). By continuing the cooperation between teachers of the Japanese law and language, we will emphasize the particular aspects of each individual foreign legal system and students' level of Japanese language.

Over the last 50 years, the technology transfer in Bhutan through various technology transfer projects by Japan achieved certain results. But areas such as equipment maintenance are not being conducted by Bhutanese people due to the lack of machine engineers. We have been in discussions with the Royal University of Bhutan, where only a four-year bachelor course in Power Engineering has been established at the science and engineering college, to improve the current situation by establishing a four-year bachelor course of Mechanical Engineering in a few years. Since permission for establishment of the department was issued in June 2017, we will provide support for implementation.

Project Concept

We assist Jigme Namgyel Engineering College (JNEC) under Royal University of Bhutan, to establish 4-year course of Mechanical Engineering and foster Mechanical engineers.

To achieve "Technical Education for Practical Use", we aim to introduce "Japanese-style engineering education with Scientific Principles and Practical Skill Learning".

Contents & Outputs

Improvement of teaching ability for laboratory work

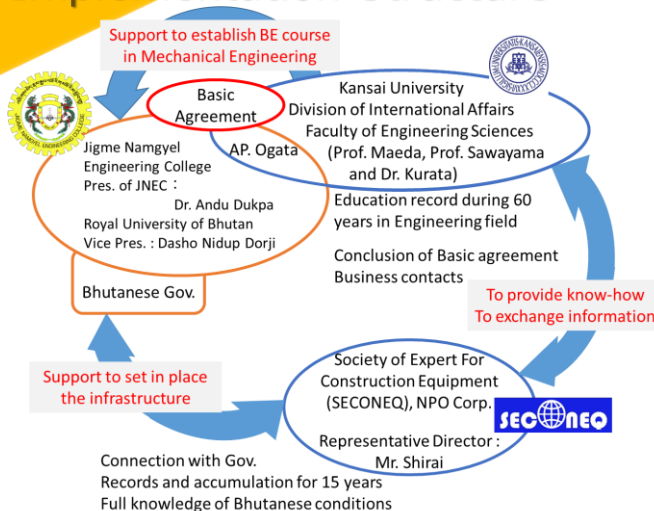
After a technical official of JNEC had received training from a dispatched Japanese teacher, he was invited to "Tokyo Metropolitan College of Industrial Technology" by SECONEQ. Two other teachers of JNEC will be invited as trainees. A surveyor and a professor of thermodynamics will be dispatched.



Way Forward

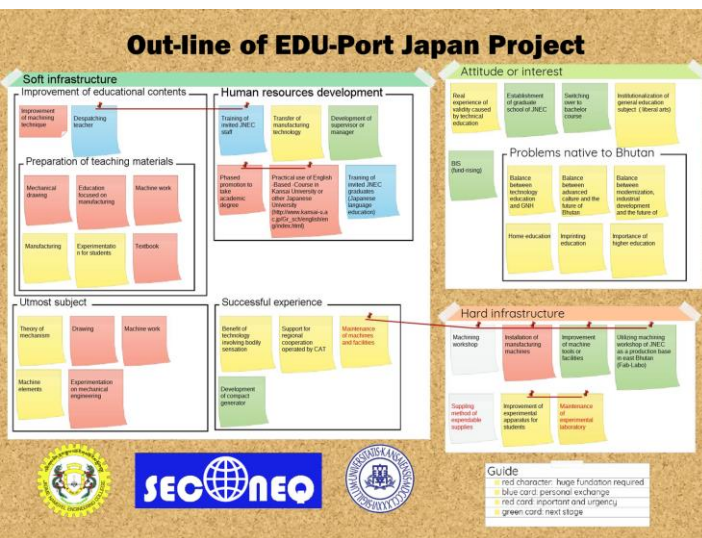
By presenting new points to be improved and support plans for them as an out-line shown in right figure, the goals to be attained are shared clearly. The support system has been made stronger by increasing collaborators.

Implementation Structure



Support for improvement of experimental apparatus for students

Production and improvement of experimental apparatus for students have been supported. Especially, types of the 2nd order lag models are covered such as electronic filter or mechanical vibration system. 8 invited students and one teacher of JNEC will study them in Feb 2019. **JNEC awarded letters of appreciation to Kansai University and SECONEQ.**



Kansai University, Faculty of Engineering Sciences
Junichi KURATA

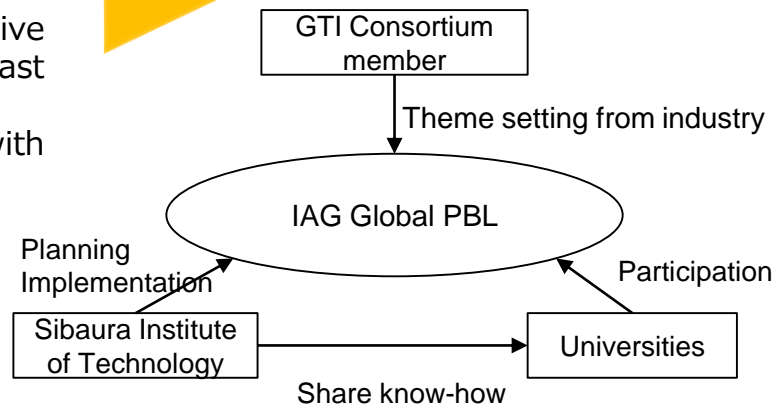
(kurata@kansai-u.ac.jp)

GTI (Global Technology Initiative) Consortium is an alliance of IAG (industry-academia-government) collaboration and consists of more than 210 members. Utilizing this alliance, we aim to increase the number of IAG collaborative Global PBL (Project Based Learning) and transfer the know-how to organize this program to domestic and Southeast Asian universities. IAG collaborative Global PBL contributes to human resource development required by each university and country.

Project Concept

- ✓ Implementation of IAG collaborative Global PBL in domestic and Southeast Asian universities
- ✓ Human resource development with IAG collaborative Global PBL

Implementation Structure



Contents & Outputs

Conduct 12 IAG Global PBL programs

- Ex.1) Developed a proposal of buildings suitable for the city by referring land information from the administration
- Ex.2) Involved young working professionals together with students to the program
- Ex.3) Developed a proposal of "Kaizen or improvement" for a factory in Thailand
- Ex.4) Involved industry members as instructors of the program



Organize GTI Consortium Symposium

Under the theme of "IAG Collaboration for Human Resource Development", GTI Consortium Symposium was held where examples of IAG Global PBL were reported by faculty, student and industry members. 360 attendees from all over the world including 12 delegates from 9 GTI Consortium members of Southeast Asian universities participated the symposium.



Way Forward

- ✓ To increase number of IAG Global PBL planned and organized events by Southeast Asian universities
- ✓ To implement 20 IAG Global PBLs in FY 2019.

Shibaura Institute of Technology, Global Section

Contact SEMBA and HORIGUCHI

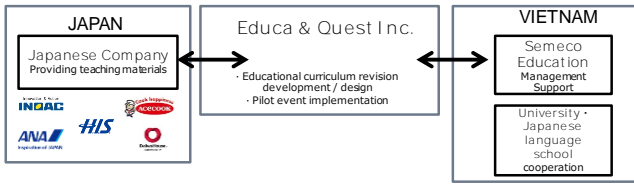
(+81-3-5859-7150 gti-consortium@ow.shibaura-it.ac.jp) 4

While the number of Japanese companies investing in Vietnam is increasing, the lack of understanding of Japanese companies is an issue in securing the talents of local people. By providing young people in local communities with career education programs in real society, we will realize proactive, interactive and deep learning, establish self-view of one's own career and promote deep understanding of Japanese companies. In addition, by teaching instruction methods, the program aims to provide sustainable and wide-area training and job creation in Vietnam. The aim of these efforts is to contribute to the economic development of Japan and Vietnam.

Project Concept

Although the need to develop 21st century skills in Vietnam is recognized, not many specific programs have been developed. This project offers opportunities for students to learn skills necessary for living in the 21st century. Students work on problem-solving in groups, using Japanese companies as teaching cases, thus recognizing the connection with society. This Japanese style education program is designed with carefully thought-out learning process, which is quest-type not traditional way of learning.

Implementation Structure



Contents & Outputs

"The 4th Quest Career in Hanoi 2018" was organized at the University of Hanoi on November 4, 2018. 5 Japanese companies based in Vietnam were invited: INOAC Corporation, H.I.S. Co., Ltd., Acecook Vietnam Joint Stock Company, All Nippon Airways Co., Ltd., Daiwa House Industry Company, Limited. They gave talks as lecturers on topics based on their own experiences such as companies' mission, dynamism and enjoyment in working, to 350 students who are studying the Japanese language. After the talks, students were given an assignment by the companies to make a proposal of new business, which should give a surprise to Vietnamese citizens, realizing the company's mission at the same time. The students worked on the assignment in the given 2 hours and gave presentations in Japanese on the same day.

The winning team "The Happy" combined students of 3 universities (Hanoi Trade University, Hanoi National University of Foreign Languages, and Hanoi University) and made a proposal to ACECOOK Vietnam, received an award of 3 day-training to Japan from February 22 to 24, 2019. They made a presentation to the executives of ACECOOK Vietnam on Feb 22. They also made a presentation at the event, "Quest Cup 2019 National Convention", which targeted Japanese junior high and high school students on Feb 23. This event in Hanoi attracted public attention and was broadcast by more than 20 TV networks in both countries including Vietnam Television.



Way Forward

- To continue to provide the program including the above event.
- To establish an association in Vietnam among the companies which provide the program.

The project will conduct "UNDOKAI" - a unique sports culture in Japan - at schools around the world and convey the splendor of Japanese culture and the enjoyment of sports. At the same time, through this activity, the project teaches students about things such as teamwork and rules, trying your best, which have positive educational impacts.

Project Concept

Schools in India have a strong desire to conduct UNDOKAI every year. Teachers are eager to learn how to organize UNDOKAI and use it in education. The contents of UNDOKAI lead to the excellent aspects of Japanese-style education such as cooperativeness, discipline and responsibility.

Contents & Outputs

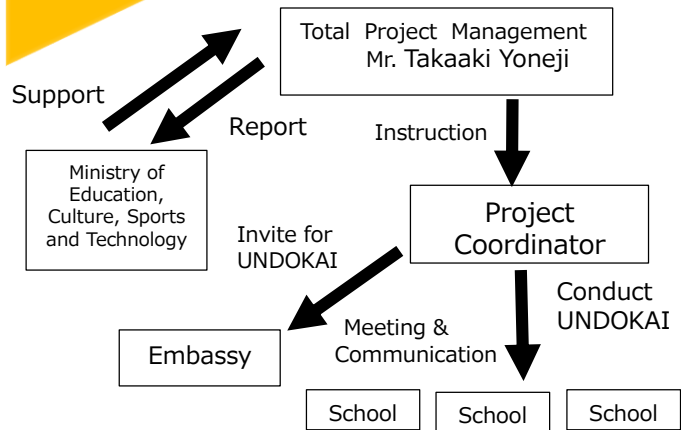
School: Kendriya Vidyalaya No.2- Delhi Cantt.
(Near A.P.S. Colony, Gurgaon Road, N.H.
No. - 8, Delhi Cantt. New Delhi - 110010)

Date :Dec 13, 2018 (Thur) at 13 : 30-15 : 00

Students : 800 (Grade 3-Grade 5)

Activities : Ball-toss game, Tug of war, Big Ball passing, Relay

Implementation Structure



School : Kendriya Vidyalaya, Sec-2, R.K. Puram, Delhi
(Near St. Thomas Church, New Delhi,
Delhi 110022 India)

Date :Dec 18, 2018 (Tues) at 9 : 00-12 : 00

Students : 550 (Grade 6-Grade 8)

Activities : Ball-toss game, Tug of war, Big Ball passing, Relay



Way Forward

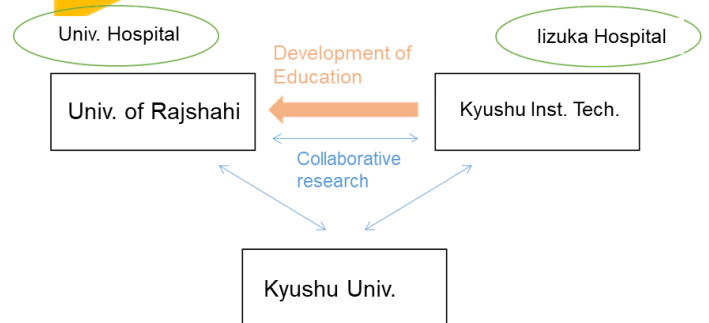
- To conduct UNDOKAI 3 times at public schools and 2 times at private schools by December 2019.
- In 2018, the project established UNDOKAO Associations in India. The goal is to increase the number of UNDOKAI year by year since local staff can conduct UNDOKAI by themselves.

Although Bangladesh is a country with a large population, the medical system does not serve the population efficiently. For example, problems in medical practice are the waiting time until examination and the movement of patients up to receiving an examination. In this regard and with the cooperation of Kyushu Institute of Technology and Kyushu University, students of Rajshahi University will actually design a hospital system using “Design Thinking”. In the first year, they will establish methods for problem solving from observation, and in the second year they will actually develop systems using IT and practice at hospitals.

Project Concept

The aim is to solve problems of medical institutions in Bangladesh by using “Design Thinking”, a human-centered thinking approach. Students from Bangladesh are invited to Japan by using the Sakura Exchange Program in Science.

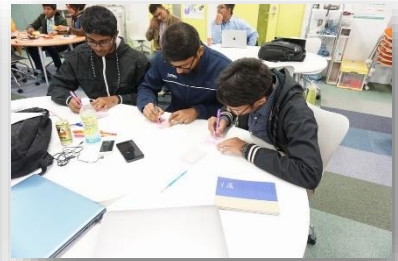
Implementation Structure



Contents & Outputs

Bangladesh students were invited by using the Sakura Exchange Program in Science in 2018 as well as 2017.

- **Group Discussion by Skype in advance**
Prior to coming to Japan, issues were discussed with students in a group using Skype.
- **Workshop on social business at Kyushu University**
Lecture by Prof. Okada
Workshop by Associated Prof. Ashir
- **Problem solving using Design Thinking at Kyutech**
Lecture by Prof. Kurata
Group discussion by Associated Prof. Kato
- **Facility tour**
Fukuoka citizen disaster prevention center
Tateiwa Primary School
Iizuka Hospital



Way Forward

In order to support actual implementation of the problem solving proposals which the students developed in Japan, we will follow up on their activities in Bangladesh by using Skype, etc.

70 years ago, "a dance program" in school education was refocused from teaching materials to bringing out the individual ability of "self-expression", and this had produced what we know today as "Creative Dance". In recent years, it has been re-evaluated as a type of learning that contributes to abilities that AI is unable to match (body sensation, innovation, etc.) and communication skills. Through cooperation with the Faculty of Education and Culture in University of Miyazaki and the General Policy Division in Miyazaki Prefecture, this project aims to export Creative Dance to regions with diverse values including Hong Kong, and to foster people who can contribute to the global society while at the same time creating global values.

Project Concept

"Creative dance/movement" (fusion of exercising the body and art appreciation) is situated in physical and health education in Japan. Counterparts of this project commended Creative Dance that "Learning method of Creative Dance is revitalizing dance education in Hong Kong" Unlock Dancing Plaza Artistic Director. "Going forward, I would like to have Romanian dance education seen as a form of Creative Dance" Children's theater Gong Theater Artistic Director.

Contents & Outputs

- Export Creative Dance to 11 cities in 6 countries
- Apr. Assembly of God Leung Sing Tak Primary School, etc (Hong Kong)
- May Hong Kong Japanese School Primary Section (Hong Kong)
- Jul. Shinpyeong Middle School (Korea)
Shinjang Middle School (Korea)
Beijing Dance Camp (China)
- Aug. Xiamen Dance Summer Camp (China)
International dance camp 2018 (Hong Kong)
Art Forest Early Childhood Education (Malaysia)



Way Forward

- To implement an international exchange camp program in Miyazaki between children of Miyazaki City and Hong Kong to develop together.
- To introduce Creative Dance to Japanese Schools and local schools in Italy and Hungary.
- To hold educational forums on Creative Dance targeting artists and artistic educators who come to Japan for Tokyo Olympic Games and Paralympic Games in 2020 as opportunities to export Creative Dance overseas.
- To apply for Grants-in-Aid for Scientific Research in 2020 (Project title: Creation of National Brand "SOUSAKU-Dance").

Implementation Structure



- Sept. The Japanese School Singapore Primary School Changi Campus (Singapore)
- Nov. Japanische Internationale Schule München (Germany)
- Japanese School in Bucharest (Rumania)
- Ion Creangă National College (Rumania)
- Teatru Educational Replika (Rumania)
- The GONG Theatre for Children and Youth (Rumania)
- Poster presentation in Miyazaki City on our EDU-Port Pilot Project (March 1-2)

This project aims at enhancing the capacity of teachers and improving students' understanding on science in Vietnam, by introducing school-based in-service teacher training which contributes to quality primary science (experiments) education in Japan. The project develops experiment training packages and establishes training bases by utilizing Japanese experience to train core science teachers and form their network.

Project Concept

- This project contributes to competency development of teachers concerning science education, as well as improvement of science learning of children by introduction of science experiments in Vietnam.
- The project provides packages of experiment training tailored to Vietnamese educational content as an international contribution of Osaka Kyoiku University.

Contents & Outputs

Preparation

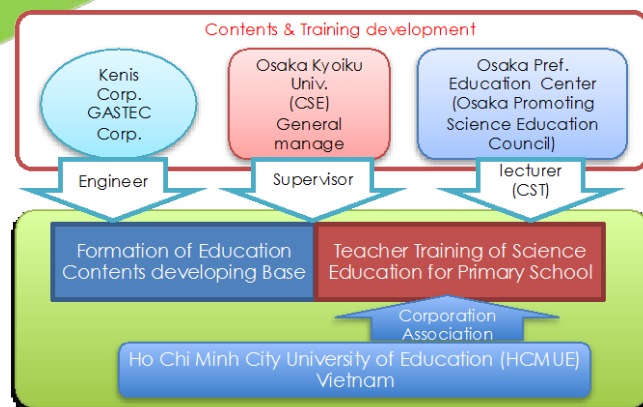
- Analyzed the current situation of science education in Vietnam, so that the content of Japanese-style training was decided in cooperation with local teachers.
- Translated the chapter related to experiments of science textbook of national elementary school in Vietnam.
- Developed packaged contents of units of battery and electric circuit and flower structure based on Vietnamese textbooks.

Contents

- ① Experiment training course "Electricity utilization" prepared by Yakushiji Takuya (2hs) (CST. Fujiidera Nishi Elementary Sch. Teacher)
- ② Experiment training course "Observation of plant structure" prepared by Kanagawa Hiroki (2hs) (CST. Osaka city Nawashiro Elementary Sch. Teacher)



Implementation Structure



Outputs

- Date: January 5, 2019 (5hs)
 Place: Department of Primary Education HCMUE
 Participants: 20 Public elementary school teachers
 26 Faculty staffs and undergraduate students
- ❖ Translation (Vietnamese-Japanese) was supported by the Faculty of Japanese Languages Studies Staffs and Students

Results of questionnaire

Agreed 19/19

Question "Do you want to apply what you learned today in your class? "

Obtained a lot of 16/19
 Obtained 3/19

Question "Have you obtained new ideas about science education? "



Way Forward

- The training contents were highly evaluated and enjoyed by not only the elementary school teachers but also university staff and students. They strongly requested continuation of Japanese-style science education training.
- In a discussion after the training, we were asked for cooperation to establish a science laboratory at HCMUE's School Education Faculty and to accept HCMUE staff at Osaka Kyoiku University for survey on laboratory installation, management and operation.
- Through the output in 2018, we saw strong interest of Vietnam side in Japanese education and their high motivation for educational reform. We believe that the project in the next fiscal year will increase its significance. Osaka Kyoiku University is considering organizational cooperation for science education in Vietnam.
- In the next fiscal year, we will provide new training contents including the contents of in-school training to share recognition of importance of experiment, and verify its effects.
- We would like to express our gratitude for interpretation and translation by Faculty of Japanese Languages Studies to carry out the training smoothly.

Osaka Kyoiku Univ., Center for Science Education
 Director Masanao Katagiri (Dr.)

Contact

(+81-729-78-3253 renkei@bur.osaka-kyoiku.ac.jp)

The project purpose is to develop contents for human resources development to meet the needs of both Indian and Japanese enterprises. This project will conduct surveys to grasp the current situation of local vocational training centers, their graduates, and their employers, and then try out a Japanese style educational program in India to validate its effectiveness. The project aims at creating new educational value by merging the excellent elements of Indian educational contents and essence of Japanese's educational contents based on enterprise needs.

Project Concept

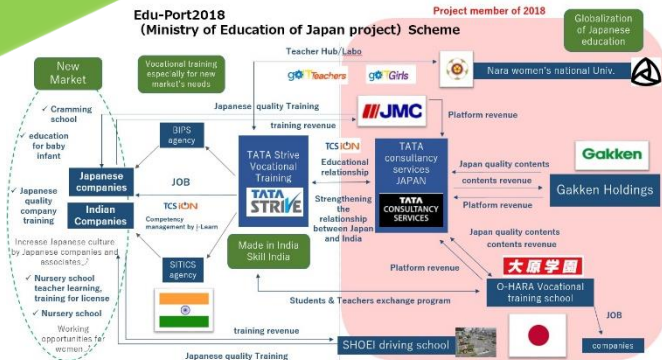
The project objective is to establish human resources development contents that satisfy needs of Indian companies and Japanese companies in India, and to create a route for nurtured workers to find jobs at Japanese companies; and thereby contributing to reduce India's labor shortage. Also, to strengthen the relationship of trust between Japan and India.

Contents & Outputs

- Research about the needs of human resources among Indian companies and Japanese companies in India

By interviewing several local vocational and training organizations, we found that it is very important to ensure the value of certificates and their reliability, prior to introduce Japanese-style vocational ethics. Demand for Japanese language education is increasing.

Implementation Structure



- Developments of contents related to specific fields

As the result of interviews, two contents that are related to automobile and Japanese language education are considered to be developed.

- Creation of a route to find jobs at Japanese companies in India

We visited local IT companies and TATA Strive; and also, interviewed Indian personnel with IT skills.



Way Forward

- Development and provision of educational contents in accordance with local needs found through research in 2018.
- Creation of employment route to find jobs at Japanese companies in India, and implementation of vocational training for employees.

O-hara College of Business, Corporate Planning Division

Toru Yoshikawa

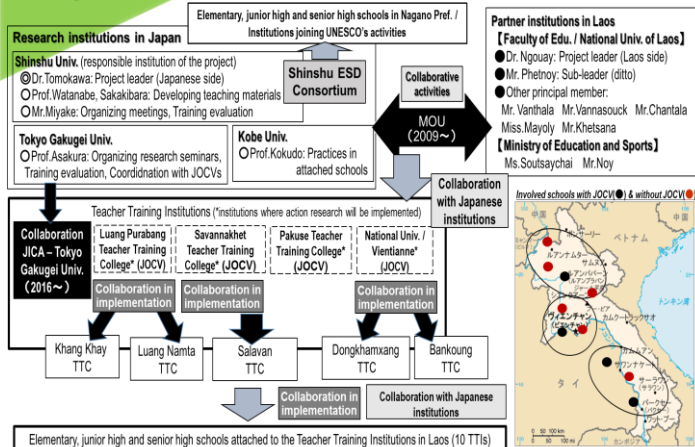
(+81-3-6811-0572 toru.yoshikawa@mail.o-hara.ac.jp)

This project supports dissemination of Ecohealth education throughout teacher training colleges in Laos by teacher training involving ICT and active learning, and also on the basis of knowledge and experiences by practice and research on environmental education and health education in Japan, stemming from lessons learned from tragic victims of environmental pollution. Therefore, Ecohealth education, which is promoting health and sustainability using Japan's experience globally, aim to realize harmonious relationships between social development, ecosystem, human livelihood and human health. This project is conducted in cooperation with some Japanese universities, teacher training colleges and their affiliated schools in Laos. Training is conducted to enhance teachers' and students' knowledge on Ecohealth, to motivate them to teach, and to improve their ability to plan and implement activities in schools and communities. This project also contributes to strengthening teacher training colleges' research function for sustainable development of Ecohealth education in Laos.

Project Concept

This project implements education research, pre-service teacher training and in-service teacher retraining based on collaboration between Teacher Training Institutions and their attached schools, utilizing accumulated know-how in Japanese education system, especially those of pre-service teacher training and education research. Principal activities are as follows: 1) teacher training, including teaching practice in attached schools, 2) retraining of in-service teachers by introducing a system of in-house training in each school, and 3) training and practitioner research for capacity-building on education research, including collaborative research and participation in academic meetings, etc. Overall purpose of the project is to realize sustainable Ecohealth education through development of teaching materials, teacher training, and capacity-building of teachers in evaluation study of practices in schools.

Implementation Structure



Contents & Outputs

Activities carried out by the project in 2018 were as follows:

- 1) Development of a teacher training system and training materials with ICT:** Procedures of preparation, implementation processes, and outline of evaluation as part of a teacher training system were developed as well as some training materials with ICT.
- 2) Training of core-trainers and master-trainers:** 5 teachers from research division of National Univ.(NUOL) and 4 teachers from 3 Teacher Training Colleges (TTCs) were trained as core-trainer in September. 50 teachers from NUOL and 5 TTCs were trained as master-trainer in November/December. As a result of the trainings, demonstration lessons have been conducted and plans for implementation of in-house training and teaching materials development were prepared in 3 TTCs.
- 3) Seminar for Ecohealth education dissemination in each TTC:** A kick-off seminar was held in September with responsible persons of NUOL and 8 TTCs, and 2 seminars for Ecohealth education dissemination were held at TTCs in Salavan and Savannakhet.
- 4) Training and exchange of researchers:** In Japan, we reported on the project at the workshop of Nagano prefectural board of education in November and at a debrief session in Shinshu Univ. in December. In Laos, we participated in the 12th National Health Research Forum (international academic meeting) in October and reported on the achievement of the project.



Kick-off meeting at NUOL (Sep.)



Teacher's training (Nov.)



Teacher's training (Dec.)



Presentation by trainee

Way Forward

In 2019, the project aims to disseminate Ecohealth education from TTCs to their attached elementary and junior high schools. To this end, the project will train teachers from attached schools and provide the trained teachers with support so that they will be able to conduct lessons of Ecohealth for their students. In addition, the project will conduct Ecohealth education for students in every TTC and encourage those students to practice Ecohealth education in attached schools. Also, the project will organize a research seminar on Ecohealth education in NUOL to report and share project results.

Formation of professional learning community / network for schools in the 21st century and teacher learning, which supports capacity development of teachers in Africa and Middle East regions. For that purpose, this project organizes international roundtables in both regions and sets up teaching development centers in Malawi and Egypt. Furthermore, based on the knowledge gained through these activities, International Teacher Development Center will be established as a center for practice sharing on lesson development and school development which are two pillars that support school education in Japan.

Project Concept

School reforms are being prospected in African and Middle East regions. However, they are barely progressing due to transmission approach of teacher education. Hence, this project is designed to apply professional learning communities, and Japanese education features to achieve the goals. Such features are: (a) designing lessons from practice at base schools, (b) lesson studies as a result of collaboration among teachers, (c) presence of a coordinator to support teacher collaboration, and (d) strong collaboration between the school and the community. By incorporating these features in the African and Middle East contexts and collaborating with foreign partners, a new international model of professional development will emerge, and regional and international professional learning communities will be cultivated.

Contents & Outputs

- African Roundtable as a means of Strengthening Teachers' Professional Learning Community

The African Roundtable was attended by 300 educators (Math and Science teachers, regional and national trainers, lesson study leaders and university lecturers) from all over Malawi who shared their practices in small mixed groups. In addition, it was a chance for them to exchange ideas about the design and practices of inquiry-based learning. The roundtable was an opportunity to think further on their future practice.



Implementation Structure

	Name	Responsibilities
Project Leader	University of Fukui	Project Implementation and Coordination with Key Organizations and Institutions; Main Project Head
Participating Institutions	Japan International Cooperation Agency (JICA)	International Roundtables in Africa and Middle East countries, and coordination for establishment and support of base school
	Fukui Prefectural Board of Education Uchida Yoko Co., LTD.	Coordination with Fukui-based partner institutions Ocular studies/investigation; Assistance on improving the learning environment of partner institutions and base schools
Collaborating Institutions and Partners	Attached Kindergarten and Compulsory Education Schools of University of Education	Acceptance of teacher trainees
	Nara Women's University (Graduate School Consortium)	Support for Fukui Roundtable
	Gifu Shotoku University (Graduate School Consortium)	Support for Fukui Roundtable
	Nalikulule College of Education	Implementation of African Roundtable
	Malawi Education Ministry of Science and Technology Msalura Community Secondary School (Base School)	Serve as a base school for research and study groups
	JICA Malawi Office	Coordination in Malawi
	Ain Shams University, University of Cairo Egyptian Ministry of Education, Partner Schools in Egypt JICA Egypt Office	Implementation of Egyptian Roundtable Serve as a base school for research and study groups Coordination in Egypt

- Investigation on existing situation of teacher professional learning communities and school environment in Egypt

To understand the current state of teacher profession in Egypt, we visited and gathered data from Ministry of Education of Egypt, JICA, Japan Embassy in Egypt, and various pioneer Egypt Japanese Schools (EJS). As a result, we were able to confirm that establishing professional learning communities and networks among teachers is a necessary foundation for development. Moreover, there are already existing in-school trainings addressing the needs of teachers.



Way Forward

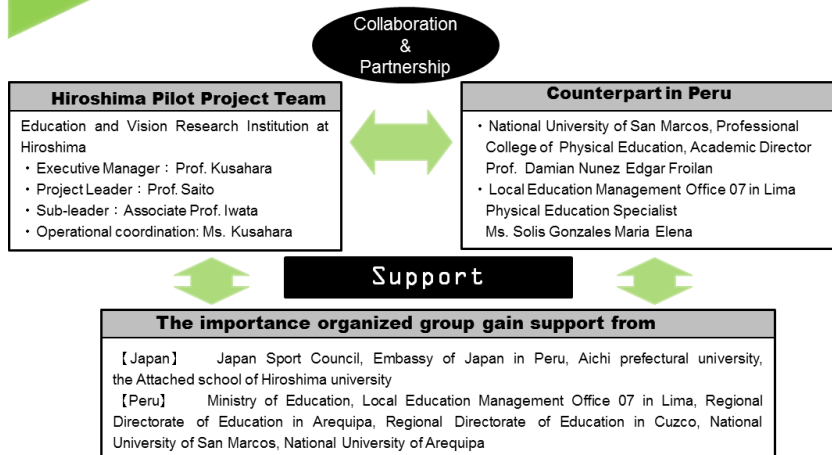
- We will establish African Roundtable that will allow 'Collaboration among Coordinators'. In addition to Malawian participants, we will urge coordinators and leaders from neighboring countries to participate to form collaborative organizations of coordinators supporting teacher professional learning communities.
- We will hold Middle East Roundtable for 'Teacher Professional Learning Community'. The roundtable will enable exchanges among teachers and principals of Egypt Japanese Schools on how to design lessons, and various practices of professional learning communities.

Lesson hours of physical education in elementary school increased from 2 hours per week to 3 hours per week in Peru. One of the pressing challenges is to equip teachers for appropriate lesson implementation. This project provides knowledge and skills of Japanese physical education, and establishes in-service teacher training system utilizing lesson study to support capacity development of physical education teachers in Peru.

Project Concept

Given that the number of hours for physical education classes has increased, it is urgently required to formulate a training program for educational staff on how to conduct classes. This project aims to design a training system for physical education teachers based on lesson study in collaboration with Peruvian specialists in physical education, and also to promote the widespread use of this training system in Peru.

Implementation Structure



Contents & Outputs

© With the aim to hold a lesson study in both cities of Arequipa and Cuzco in 2019, visits were made to investigate the actual situation of physical education in local schools. Ideas were exchanged with university professors and other leading actors in the field of physical education on how to improve physical education lessons.

© The first lesson study in Peru was held in the city of Lima with the Department of Sports and Physical Education from the Ministry of Education along with the National University of San Marcos and Regional Directorate of Education in Lima. Regional experts and school employees in the field of physical education were also invited. Also, conducted a review meeting after observing physical education classes of 2 junior high schools in Lima.

© The project was invited to the training sessions for physical education teachers in Lima and made a presentation on teacher training utilizing lesson studies.



Way Forward

To complete physical education teacher-training program utilizing lesson studies with the guidance of experts in Japan, and also in collaboration with physical education officials in Peru. To support conducting similar activities not only in Lima City but also in other local cities, promoting widespread use of the program in the country.

Hiroshima University, Graduate School of Education
 Kazuhiko SAITO

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Based on a partnership agreement, Chiba Institute of Technology (CIT) supports Vietnam National University - University of Engineering and Technology (VNU-UET) to establish Department of Robotics by providing educational contents including curriculum and teacher training. By utilizing human resources development, technology transfer, and industrial development, this project aims at making the department internationally competitive by introduction of Japanese-style education.

Project Concept

It is an urgent matter in Vietnam to develop expertise in robotics. The project supports VNU-UET to establish a robotics department by providing know-how of the Department of Advanced Robotics, CIT. The curriculum is unique to let students practice in experiment classes first to understand the importance of theory. The project also includes development of robotics laboratories and a machine shop and prepares the new department for academic/industry cooperation.

Contents & Outputs

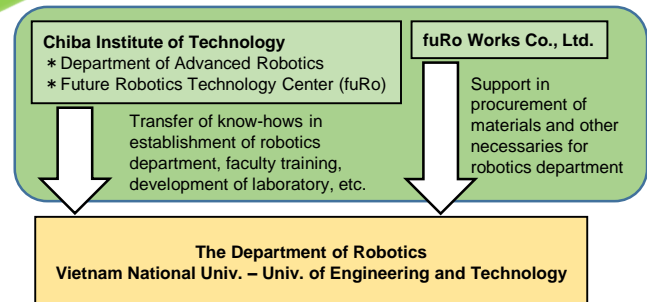
◎ Invitation of VNU-UET faculty members

Three faculty members of VNU-UET were invited to CIT for three months. They learnt not only the basics of robotics technologies but also syllabuses and teaching methods of the first-year courses including laboratory courses.

◎ Initiation of the robotics department

The new robotics department was opened at VNU-UET in September 2018. Sixty selected students have started learning robotics based on the curriculum the project provided.

Implementation Structure



◎ Verification of the department operation

Core members of the project had visited VNU-UET and observed a robotics class as well as the implementation of overall curriculum. Sound and smooth operation of the new department was confirmed.

◎ Holding a workshop

A workshop on robotics education and research was held for university faculty members and students, high-school teachers and students, and recruitment officers of prominent companies in Vietnam in order to promote recognition of the new department.



Way Forward

CIT will support VNU-UET in the following areas:

- Grade progression Smooth introduction of laboratory courses for each grade.
- Laboratories Preparation of laboratory along with development of courses.
- Cooperation Recruitment of high-school students with potentials in robotics area and promotion of cross-cutting cooperation with industries.
- Graduate Program Establishment of a graduate robotics program at VNU-UET and reception of graduates at CIT.

Chiba Institute of Technology

Contact

Norio Koide (Director of Academic Affairs Division)

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This project will develop human resources in accordance with National Skill Standard (NSS) at GLORY Career Training Centre, Yangon, where Okayama Institute of Science and Technology implements automobile mechanic courses by (1) creating internship opportunities for students in local industry, (2) conducting seminars, and (3) developing curriculum based in accordance with NSS. This project aims at increasing the number of graduates studying in Japan and employed by Japanese companies, and establishing a high standard automobile mechanic course.

Project Concept

The project aims to develop and make a trial use of a curriculum and instructional textbooks based on the needs of the times to train human resources with highly-practical skills in the area of automobile mechanic in Myanmar. The goal is to promote and improve vocational training/professional engineering education and create job opportunities at the same time.

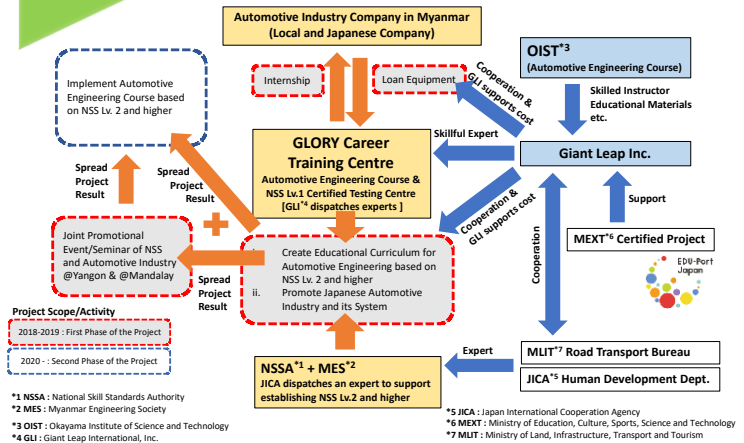
Contents & Outputs

● Held Seminars on Human Resource Development in Automobile Industry

Conducted seminars in two big cities (Yangon and Mandalay) for 300 people from different areas (i.e. government, industry and academia) who were interested in human resources development as automobile mechanic. Topics introduced included Japanese-style vocational training system, changes made so far in Myanmar, progress of NSS, etc.



Implementation Structure



● Internship at Automobile-related Companies

With the cooperation of 6 companies, 14 students received internship opportunities with them.

● Develop Curriculum equivalent to NSS Lv.2

Developed a curriculum for training automobile mechanic, which is equivalent to NSS Lv.2 and will use it in the associated schools.

Way Forward

To continue to spread the effectiveness of human resources development in Myanmar through Japanese-Style Vocational Training System to all kinds of people in government, industry and academia. The goal is to start a training course equivalent to NSS Lv.2 in close collaboration with relevant authorities.

This project prepares kindergarten teachers who can practice Japanese style pre-school education methods in Vietnam. It will provide kindergartens with support in both "soft" aspects (teacher training and information sharing) and "hard" aspects (advice on kindergarten design, safety design and playground equipment) under the brand name of "The ShoPro Method". This project aims at enhancing quality of pre-school education in Vietnam through capacity development of kindergarten teachers.

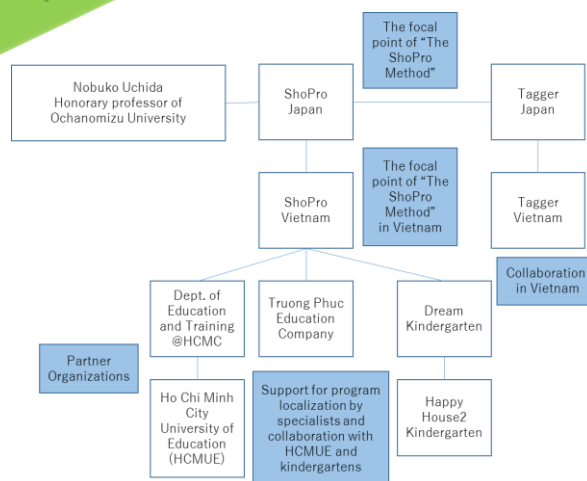
Project Concept

The number of kindergartens is rapidly increasing in Vietnam due to the increase of double-income households from economic growth. As a result, the poor quality of kindergartens has become an issue and child abuse by teachers is now a serious social issue. Under such circumstances, high-quality Japanese style education has caught much interest in the society. This project aims to solve the quality issue of the local kindergartens by improving teachers' skills with the know-how of Shogakukan-Shueisha Production.

Contents & Outputs

- EDU-Port Certificate was handed over by Deputy Consul General, Consulate General of Japan in Ho Chi Minh on October 27, 2018 at the reception of launching ShoPro Vietnam.
- Newly made contracts with two kindergartens .
- Participated in a Franchise Fair on 1st- 3rd Nov 2018 and introduced EDU-Port as well as "The ShoPro Method" as Japanese education method to investors.
- Conducted a training for Vietnamese staff at 8 Shogakukan Academy Nursery Schools run by Headquarter in Japan in mid-November 2018. They learned both soft and hard aspects such as Japanese way of childcare and facilities.

Implementation Structure



Way Forward

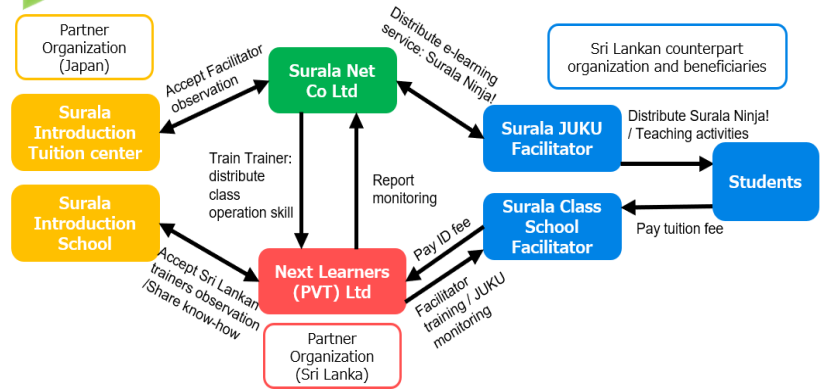
- The main focus of the project is training of trainers. We are conducting training both in Vietnam and Japan within the framework of EDU-Port. After we are ready with the team of trainers for Vietnamese teachers, we plan to expand the business to new kindergartens.
- We plan various activities including educational activities for guardians, taking in mind to widely introduce Japanese style pre-school education.

This project provides tutorial schools and schools in Sri Lanka and other Asian countries with digital learning materials, namely "Surala Ninja!" which motivates primary school students to study and enjoy interactive conversation with Japanese animation characters. It accustoms students to self-study and to Japanese-style "discipline" and "manners", and enhances their learning achievement while improving teachers' skills to operate e-learning.

Project Concept

In primary education of Sri Lanka, there are many cases that adopt Japanese style education methods such as "100 Box calculation", and parents and school officials are highly interested in the Japanese education. For elementary school students, we conduct mathematics classes through e-learning at local schools and tuition centers. We aim that students acquire learning habits and achieve desired result with Japanese style math education along with the instruction of discipline and self-reliant learning.

Implementation Structure



Contents & Outputs

● Promotion of understanding of education in Japan for Sri Lankan trainers

Invited 2 Sri Lankan trainers to Japan with the aim of strengthening the ability of facilitators to manage "Surala Class". They learned the operation know-how of e-learning classes and teaching method in elementary school education by visiting to Surala program introduced-schools and elementary school.

● **Strengthening the operation of dispatched tuition centers and schools**
Dispatch facilitators who received the training of trainers to schools to instruct class management intensively.

● **Impact creation project through Japan Festival (math contest)**
Held Math events with the aim of raising interest in Japan and further motivation of students learning by "Surala". Students experienced Japanese games as well as 100 Box calculation contest.



Way Forward

- To improve e-learning class management, trainers who received training in Japan and facilitators continue discussion to introduce new operations such as "Class leader system" observed in Japan.
- To aim to improve the basic academic ability of Math of school students by more than 20% compared to before learning Surala. The basic academic ability is verified by the score of calculation test and 100 Box calculation test.

Surala Net Co., Ltd., Oversea Business Development Department
Tomoko Fujihira

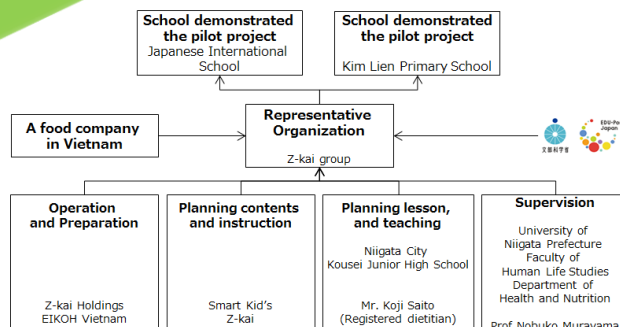
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To mitigate children's health issues such as obesity and malnutrition in cities of Vietnam, this project provides primary school students with Japanese-style home economics lessons including cooking activities. Reducing obesity and enhancing health awareness contributes to Sustainable Development Goal 3 (Ensure healthy lives and promote well-being for all at all ages). Starting from food education, this project aims at strengthening relationship between Vietnam and Japan by enhancing mutual understanding of both cultures and introducing Japanese-style discipline and manners.

Project Concept

- This project aims at solving children's obesity, one of urban social problems, and enhancing health awareness.
- This Japanese-style food and health education project provides home economics lessons including cooking activities to primary school students.
- To enhance mutual cultural understanding between Vietnam and Japan, the project also introduces Japanese-style discipline and manners.

Implementation Structure



Contents & Outputs

Food and Health Lesson with cooking

Date: Dec. 12-13 / Jan. 16-17

Place: Japanese International School of Hanoi and Kim Lien Primary School in Hanoi

Number of students: 80 students of grade 5

Themes:

1. "What do we eat? Let's investigate foods."
2. "Let's make a balanced meal. (What is a balanced meal?)"

- Examined daily meals and social problems in Vietnam.
- Introduced three major nutrients and practiced arrangement of food to overcome picky eating.
- Provided knowledge about a basic balanced meal for students, including a main dish and two side dishes.
- Surveyed students' change on health awareness (with questionnaires and data analysis).
- Introduced Japanese-style lessons to teachers (with questionnaires and data analysis).



Way Forward

In order to promote Japanese-style food and health education in Vietnam and to solve social problems, including obesity and malnutrition, we will conduct the activities below:

- Cooperate with Ministry of Health, Ministry of Education and Training and companies in Vietnam.
- Localize teaching methods and materials.
- Sharing curriculum, teaching plans, educational materials (through Websites, etc.).
- Providing teachers with training and creating model of Japanese-style food and health education program.

Z-kai Inc., Business Management Department
 Contact Masayuki Sogo

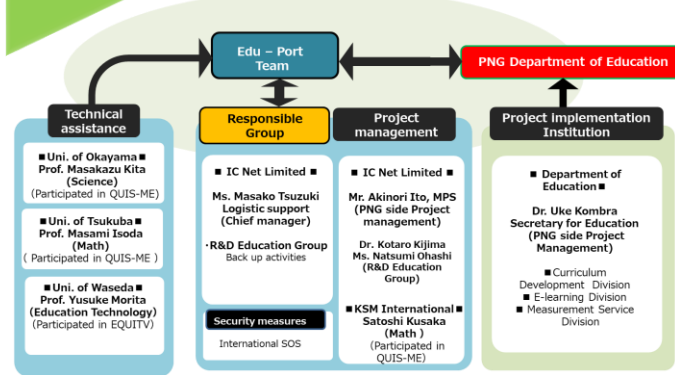
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This project will develop an assessment tool to evaluate students' achievement in accordance with new curriculum and textbooks that are newly developed through Japanese assistance. The Project also introduces feedback sheets on assessment results to students, and schools to improve their lesson delivery. Through this process, the Project applies the concept and methodologies of "curriculum management" practiced in school education in Japan including PDCA cycle of curriculum (development, implementation, and improvement).

Project Concept

In Papua New Guinea, where the new curriculum is launched, assessment on students' learning is increasingly important to evaluate the effects of the new educational contents as well as to improve students' learning and teachers' lesson delivery. This project brings in the concept of Japanese "curriculum management" through assisting PNG in the development of assessment and feedback tools to students and teachers. The project purpose is to further improve educational contents and activities through the Japanese "curriculum management" model.

Implementation Structure



Contents & Outputs

1) October 2018

- Held kick-off meeting with the officials of the Department of Education (DoE) of PNG to explain the project overview and work plan. Obtained the consent from PNG side.
- Conducted an orientation workshop with the counterparts at the DoE and exchanged opinions on the project plan.



↑ Kick-off Meeting with executive officers from Department of Education, PNG



↑ Orientation Workshop

2) December 2018

- Held a workshop to introduce methodologies of test designing based on the concept of curriculum management, and transferred know-how from Japanese school education.

3)~5) January & February 2019

- Developed preliminary assessment tools including feedback sheets to be used at pilot schools in the Year 2019.



↑ Test Design Workshop 1)



↑ Test Design Workshop 2)

Way Forward

- 1) To hold workshops and conduct developed tests at pilot schools in 1st semester in 2019.
- 2) To analyze the results and discuss challenges that students and teachers faced.
- 3) To finalize feedback based on the analysis, and transfer the techniques of how to give feedback.
- 4) To hold debriefing sessions to stakeholders and each school to reflect on curriculum management.
- 5) To hold a wrap-up meeting in order to report project outcomes and discuss how to utilize them for the improvement of learning activities, assessments and the curriculum.

This project expands "School centered Community Revitalization (Sustainable Development School Project)" in Bhutan, which started from the small town of Ama, Shimane Prefecture and has spread all over Japan. This project encourages schools and communities to foster "people who will be responsible for the future of community" by efforts such as project-based learning, community club activities, and 21st century style "TERAKOYA" (learning center). It contributes to create a new flow of people from urban to rural areas and develop sustainable communities.

Project Concept

◎In Bhutan, the government holds up the idea of Gross National Happiness and tries to conserve and promote culture and revitalize communities. However, youth culture rapidly becomes westernized and population flows into cities.

◎This project conducts community club activities and project-based learning after school to foster people who will be responsible for the future of community.

Contents & Outputs

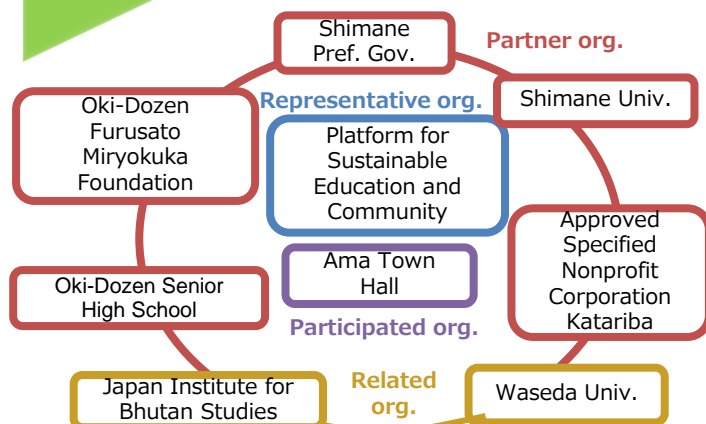
◎Conducted field study at potential project sites and designed project.
(Jun., Oct., and Dec.)

→Members from Shimane Pref. Gov., Ama Town Hall, universities, and Nonprofit Corporation visited the sites.

→Agreed on framework of the project with the Ministry of Education, Works and Human Settlement, GNHC, etc.

→Conducted workshop with teachers and students of potential project sites.

Implementation Structure



- ◎Published English brochure of this project
- ◎Welcomed students from Bhutan at Oki-Dozen Senior High School. Conduct inquiry based learning in Bhutan.
- ◎Broadcasted the project by NHK Matsue Branch (Jan. 8 and 10)



Way Forward

- To apply for JICA Partnership Program
- To dispatch experts to Bhutan and start project-based learning – Training for local coordinators and teachers.
- To conduct overnight workshop on project-based learning with students of Bhutan and Japan.
- To welcome trainees from Bhutan.

Platform for Sustainable Education and Community

Contact

Yu Iwamoto

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This project establishes a system for editing and utilizing textbooks in Cambodia, based on Japanese-style education. It is textbook-oriented in Cambodian context, but realizes not only understanding of subject contents but also children's inquiry-based learning and teachers' autonomous research on teaching materials. Its main activity is human resources development including curriculum and textbook development, editing and publication of textbooks, and pre-service and in-service teacher training. This project aims at fostering editors who can plan and publish new social studies textbooks, and teachers who can utilize such textbooks.

Project Concept

Ministry of Education, Youth and Sport (MoEYS) in Cambodia has been working on the quality improvement in education by reforming school curriculum and textbook, and new teacher education system. This project aims at human resource development in Japanese-style system for editing and utilizing social studies textbooks to realize teacher's autonomous research on teaching materials and children's inquiry-based learning.

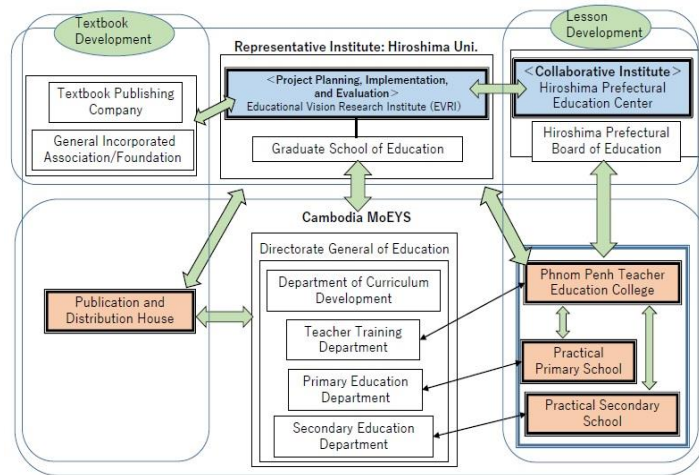
Contents & Outputs

● Sharing New Textbook Models with the Local Textbook Publishing Company

In December 2018 and February 2019, five new textbook models were shared with the local textbook company to localize the design principles of Japanese social studies textbooks. The developed units are in Geography[G6 and G9], History[G6], Moral & Civics[G6] and Economics[G8].



Implementation Structure



● Implementation of Lesson Study at Practical Schools of Teacher Education College (TEC)

Teaching supervisors of Hiroshima Prefectural Board of Education guided lesson study in collaboration with Cambodian teachers and textbook developers at practical schools of Teacher Education College. In total, 83 participants understood the effectiveness of new textbook models. Also, the training provided an opportunity for teacher educators of TEC and teachers of the practical schools to share the insights for better teaching and learning.

Way Forward

- By the end of 2019, the local textbook publishing company will localize the design principles based on nine Japanese models of social studies textbook.
- The effectiveness of new textbook models focusing on teacher education will be verified through lesson studies.
- The Department of Curriculum Development, MoEYS will develop a manual on textbook publication and its utilization based on a series of training contents and processes including the outputs from JICA partnership program currently implemented.

Hiroshima University

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Hisashi Kuwayama

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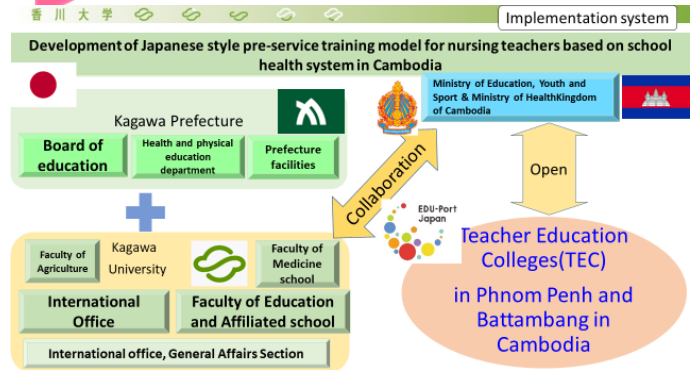
This project supports Ministry of Education, Youth and Sports, Cambodia to implement pre-service teacher training for nursing teachers. Main project activities are training in Japan to introduce pre-service teacher training and roles of nursing teachers and dispatching experts to Cambodia.

Project Concept

This is a project to support the training of “health teachers” under the School Health Policy to be revised by Ministry of Education Youth and Sports in Cambodia (MoEYS).

This project tries to institutionalize the outcomes of the JICA grass-roots project implemented since 2017 by Kagawa University, Kagawa prefecture, JICA and MoEYS, which established the school health system, focusing on Japanese style school health center.

Implementation Structure



Contents & Outputs

- i : February 4-6, 2019 : Visit to Cambodia for information collection (JICA project)
- ii : February 18-24, 2019 : School Health Training in Japan inviting Deputy Director of School Health Department, MoEYS and Deputy Director of Preventive Medicine Department in Ministry of Health
- iii : March 9-15, 2019 : Visit to Cambodia for information collection (jointly with JICA project)

Outputs

1. The curriculum to foster health care teachers used by Japanese medical schools of public universities is understood by the Government of Cambodia.
2. Japanese-style school nurse teacher training can be used in Cambodian-style teacher training.



Japanese faculty visit Cambodia <Kandar Elementary School>



Member of MoEYS and Kandar State, elementary school teachers to visit elementary and junior high schools attached to the Faculty of Education in Kagawa University

Way Forward

To apply for EDU-Port Japan again in fiscal 2019 to secure funds.

To support to develop 3 models, which can be applied to the School Health Policy which is to be revised in Cambodia: 1) high-quality school health room model, 2) training model on school nurse activities, and 3) collaboration model between school health room and local resources in Cambodia.

Kagawa University, Faculty of Medicine

Hiroko Shimizu

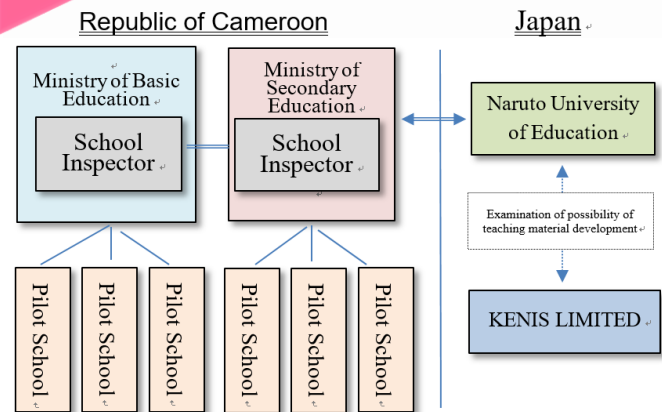
(+81-87-891-2240 hshimizu@med.kagawa-u.ac.jp)

In Cameroon, pilot schools (primary and lower secondary schools) conduct lesson studies in science and mathematics to introduce a competency-based curriculum. To improve the quality of education in Cameroon, this project supports implementation of Japanese-style lesson studies based on study of teaching materials ("KYOZAI KENKYU") and enhances its quality and continuity.

Project Concept

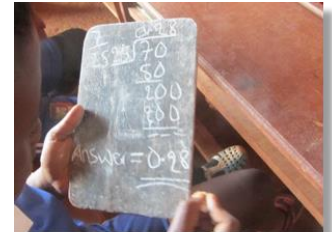
This project aims to improve learning of Cameroon children through support for consolidation and deepening the efforts of "Lesson study to promote learning among teachers" who have practiced in Japan. We will also consider the possibility of introducing inexpensive and easy-to-use learning materials developed in Japan with support of study of teaching materials.

Implementation Structure



Contents & Outputs

- ☆ Open forum for International Education in Naruto University of Education
Share the outline of this EDU-Port pilot project
- ☆ Consultation with the Ministry of Basic Education and the Ministry of Secondary Education
- ☆ Implementation of workshop for science and mathematics school inspectors
- ☆ Support for holding a lesson studies workshop by school inspectors
- ☆ Examination of possibility of teaching materials development suitable for the actual situation in Africa



Way Forward

- To observe the lesson study at the pilot schools with the school inspectors and monitor the quality improvement of actual science and mathematics lessons for the student.
- To provide advice to teachers through school inspectors to improve the quality of lesson studies.
- To examine the dissemination plan of lesson studies based on study of teaching material in future.

Foreign countries have expressed an interest in the method of instruction and code of honor of Japanese sports. This project aims at transmitting Japanese culture, history and the Judo spirit to Japanese communities in Argentina and contributing to development of their society, by teaching Judo techniques, the methods of teaching and practicing, and politeness to “judo” groups through Japanese student athletes and instructors. The project also explores opportunities to expand the number of target countries and target sports.

Project Concept

Organizations where Japanese student athletes and instructors will be dispatched to teach respect “rei” (courtesy) and try to succeed to instruct Japanese Judo focusing on safety and technique. However instructors in Argentina who have not been trained in Japan have limited experience, so this project aims to enhance capacity of instructors and train competitive players in Argentina.

Contents & Outputs

Dispatch period: Feb. 12– March. 11, 2019

Associated organizations:

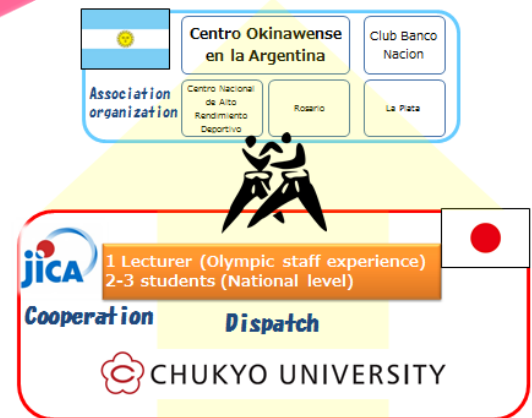
- Centro Okinawense en la Argentina
- CeNARD (National team)
- Banco Nación (Club team)
- Rosario (Seminar)
- La Plata (Related to Japanese school)

Activities:

- Introduction of instructional methods of Japanese Judo
- Technical seminars

Output: Instruction to more than 100 instructors and players in 5 organizations

Implementation Structure



Dispatched members

Keisuke Miyake (Chukyo University)

- Lecturer of the School of Health and Sport Sciences

- Head coach of the Judo Team

- Performance-enhancement staff of Japanese Olympic Committee (JOC)

Hiroaki Hayakawa (Chukyo University)

- Senior of the School of Health and Sport Sciences

- Captain of the Judo Team

Ryohei Yamamoto (Chukyo University)

- Senior of the School of Health and Sport Sciences

- Member of the Judo Team



Way Forward

- Exploring the possibility of providing instruction to other Japanese and local communities with a wide range of generations, and introducing Japanese culture, history, and judo spirit.
- In order to maximize the educational effects of dispatched students in Argentina, we provide students with preliminary study to deepen knowledge and skills of Judo instruction and acquire local language, etc. We put a system in place to organize reporting sessions by the students after returning to Japan to encourage junior students to join this project.

CHUKYO University

Contact

Management Strategy Department, Shinji Matsuda

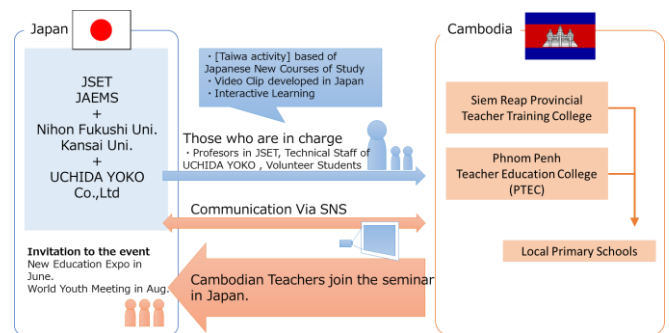
(+81-52-835-7138 kikaku@ml.chukyo-u.ac.jp)

This project conducts teaching method training for primary English by utilizing digital materials developed by Japan. It provides learners with active learning and makes them appreciate what they can do. This project is being conducted at both Siem Reap and Phnom Penh Teacher Education College under academic-industrial alliance: JAPAN SOCIETY FOR EDUCATIONAL TECHNOLOGY as a hub of consortium collaborating with academic institutes on ICT education.

Project Concept

- As cooperation between universities and industry: know-how of ICT education by JSET and creating an educational environment by Uchida Yoko.
- Teachers training of English for primary schools in Siem Reap Provincial Teacher Training College utilizing digital teaching materials developed in Japan.
- Applying ICT to help interactive learning.
- Active learning with sound, rhythm /video.

Implementation Structure



Contents & Outputs

- **Implementation of lesson patterns with video clips**
On-site demo lessons. Learning by watching activities and listening to video clips. Pronouncing and dialogue by groups. Developed Textbook for TESOL.
- **Internship Students**
Students of Nihon Fukushi Univ. and Kasani Univ. do the model lessons and instruct active learning with video clips.

- **“Lesson Study” with Cambodian teachers and students**
Evaluate Cambodian teachers class; instruction of pronouncing, applying ICT. Discuss scenario of class with future teachers of primary schools. Lesson Study with audio.
- **On-Line session with Japan**
Cambodia side shared their classroom activities via SNS and discussed for the further improvement. This implementation led to the clear goal to enhance interactive learning.



Way Forward

- To continue this project to 2019.
- To invite a teacher for New Education Expo 2019 in June and students to World Youth Meeting in August to share how to enhance overseas Educational Project with digital Contents that is highly evaluated.
- To discuss potential export of Japanese qualified education advocated by Course of Study and accelerate sharing worldwide educational know-how.

Uchidayoko Institute for Education Research

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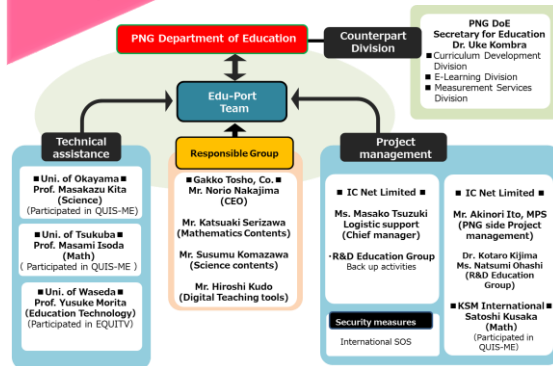
In Papua New Guinea, textbooks are developed by Japanese Development Assistance utilizing textbook development technique of a publishing company. To implement quality lessons after the distribution of new textbooks, this project tries out training for instructors of teacher training colleges and school teachers utilizing digital teacher guidebooks. Digital teacher guidebooks provide teachers with timely visual model lessons to meet the needs of this island country and enhance learning achievement of students.

Project Concept

The PNG government has introduced a new curriculum and is developing National Textbooks that encourage teachers to provide student-centered and problem solving lessons with the aim to "deliver quality education for all children and students." To ensure that the lessons will be implemented according to the new textbooks, this project works together with the Department of Education (DoE) to develop models for Digital Teacher's Manuals and to provide training and guidance.



Implementation Structure



Contents & Outputs

- ① To prepare work plans and samples for Digital Teacher's Manual for presentations.
- ② To hold a kickoff meeting with the DoE and an orientation workshop.
- ③ To consider and discuss videos to be created in PNG based on the samples for Digital Teacher's Manual.
- ④ To start revisions of the drafted Digital Teacher's Manual for trial use in pilot schools during fiscal year 2019.

(1) September and October 2018: Activities in Japan

Project members held meetings at the digital section of the editorial department of Gakko Toshu Co., Ltd. to plan the Digital Teacher's Manual. They decided the tentative modules and prepared work plans. Samples of the Digital Teacher's Manual were also developed based on the tentative modules.

(2) October 2018: First Visit to PNG

Project members visited the Embassy of Japan in PNG and the JICA PNG Office and asked for their understanding and support for the project. In response to the request, they indicated their intent to cooperate on the project.

A kickoff meeting with the officials of the DoE explained the project overview and work plans, demonstrated the samples of the Digital Teacher's Manual and obtained consent for the project purpose and activities. There was an orientation workshop with the staff of the Curriculum Development Division and the e-Learning Division who would be the project counterparts at the DoE. In the workshop, the participants exchanged their opinions on the work plans and the Digital Teacher's Manuals.

(3) December 2018: Second Visit to PNG

Based on developing new National Textbook and the Teacher's Manual, the counterparts and project members identified the lessons and the content where teachers can prepare and teach more effectively if supplementary video clips are available, including how to use experimental instruments for science and tools for mathematics. Based on the results, the content that would be incorporated as audiovisual materials was checked.

(4) January and February 2019: Activities in Japan

These activities were to prepare the content that was decided to be visualized during the visit in December, and to translate existing teaching videos into English.



Project team paid courtesy call on Mr. Nakajima Japanese Ambassador for PNG



The Kick of Meeting with executive officers from Department of Education, PNG



Project member demonstrated draft Digital Teacher's Manual at workshop



Project members discussed concepts of Digital Teacher's Manual at workshop

Way Forward

- Project members will verify the Digital Teacher's Manual which will assist lessons of teachers and prepare co-development with the DoE.

By using the Digital Teacher's Manual drafted and developed in fiscal year 2018, the project will try demonstrations in classrooms from fiscal year 2019. These demonstrations will be conducted by the students of teacher training colleges. The project will also verify the drafted Digital Teacher's Manual in the schools that were selected by the DoE for use of the new National Textbooks. The project will reflect the results, hold a council to discuss the Digital Teacher's Manual with teachers, the DoE and teacher training colleges, and to develop the national models for Digital Teacher's Manual which will contain the necessary information and be easy-to-use. Based on the discussion results, the project will prepare co-development for National Digital Teacher's Manual with the DoE.

Contact

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Through the meetings with Ministry of Education and Training in Vietnam, physical education teachers training and demonstrations in schools, Mizuno aspires to introduce its proprietary developed exercise program Hexathlon to all the public elementary schools in Vietnam. Mizuno believes this will contribute to improve the physical education classes in Vietnam, of which currently lacks to provide children with opportunities to practice movements such as “running”, “jumping” and “throwing” under the limitation of time allocated to lessons. Furthermore, the aim is to share joy of exercise with children, to decrease health problems related to obesity and to contribute to Vietnam people’s health.

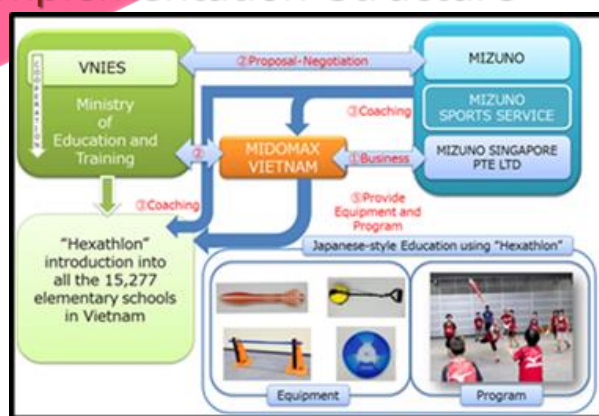
Project Concept

The needs of physical education class in Vietnam elementary school are

- 1) To teach children different kinds of movements efficiently within the 30 minutes of the class.
- 2) To enhance children’s physical strength and athletic ability.
- 3) To decrease health problems related to obesity.
- 4) To contribute to health enhancement.

By introducing Japanese-style Education will not only meet the above needs, but also add value by improving judgement and communication skills in mid to long term.

Implementation Structure



Contents & Outputs

1. Official Agreement to Introduce Mizuno Hexathlon Program into Vietnam Elementary School Education Curriculum.

On October 8, 2018, in the presence of the Prime Ministers of Japan and Vietnam, Mizuno and Vietnam Ministry of Education and Training concluded a memorandum of cooperation to introduce Mizuno Hexathlon Program into Vietnam Elementary School Education Curriculum.



2. Consensus Building with the Vietnam Ministry of Education and Training

Based on the signed memorandum of cooperation, Mizuno and Vietnam Ministry of Education and Training have started to discuss and plan the details to introduce Mizuno Hexathlon Program to physical education program in Vietnam. With the support of Vietnam Ministry of Education and Training, Mizuno started to conduct Mizuno Hexathlon workshops from January 2019 for 252 teachers selected from the 63 provinces all over Vietnam. In addition, Mizuno and Vietnam Ministry of Education and Training have agreed to train 5,000 Vietnamese “Evangelists” of Mizuno Hexathlon by August 2019.

Way Forward

Establish Competitive Advantage of Mizuno Hexathlon Program in Vietnam Primary Schools

With the support of Ministry of Education and Training, Mizuno will work towards minimizing problems and risks for smooth introduction of Mizuno Hexathlon program to Elementary School Education Curriculum. Mizuno will focus to do further research on physical education classes in schools outside the cities, and build the system which will properly implement Mizuno Hexathlon program to elementary school classes. Also, Mizuno will work towards protecting all trademarks and intellectual properties related to Mizuno Hexathlon, to prevent risks such as counterfeit products.

Since 2016, the project has been promoting introduction of musical instruments education in new primary and secondary education curriculum (2019) in Vietnam. It aims at contributing to Sustainable Development Goal 4 to "Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all " through in-service teacher training under cooperation with Ministry of Education and Training (MOET), Vietnam.

Project Concept

- **Establish a training system for music teachers who can teach musical instruments in cooperation with MOET to prepare for implementation of new national curriculum.**
- **Musical Instruments:**
Recorder (for students)
Portable Keyboard (for teachers)

Implementation Structure

Government



Industry



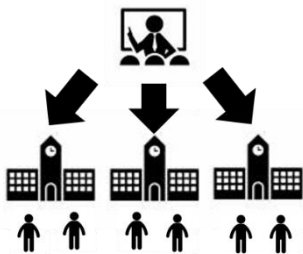
Promotion by "Team-Japan"

Academia

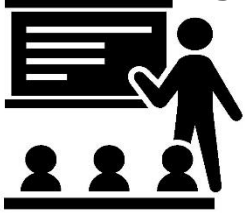


Contents & Outputs

1. In-service teachers' training



2. Pre-service teachers' training



- Based on the MOU between MOET and Yamaha, in-service training for music teachers at 100 schools in 10 cities was conducted.
- A Japanese instructor taught in 10 cities from Aug. to Dec. 2018.
- So far, students in 173 schools in 10 cities join in Recorder Club activities.
- Yamaha concluded MOU with Hanoi National University of Education (HNUE) and started a course of "Teaching method of instrumental music" from Aug. to Dec. 2018.
- 63 students of music course in HNUE learned the way of teaching with musical instruments.
- New project is being conducted in collaboration with Japan External Trade Organization (JETRO), Yokohama National Univ. and the Japanese School of Hanoi.



Way Forward

- In-service teachers training will be conducted for music teachers of 100 elementary schools in 2019 based on the MOU with MOET.
- Video for the course of "Teaching method of instrumental music" will be prepared and introduce the course to other universities.



Yamaha Corp., AP Sales Division

Yuji Otake

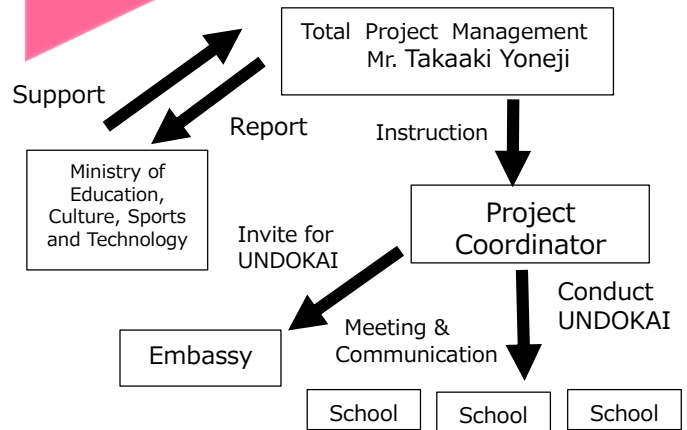
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In 2017, girls were permitted to attend physical education lessons in public schools of Saudi Arabia. This project supports "UNDOKAI" (sports day) in Saudi Arabia to deliver the joy of physical exercise to female students to support them to like physical exercise. At the same time, through this activity, the project informs teachers about leadership and teamwork which are good features of Japanese style education.

Project Concept

At public schools in Saudi Arabia, physical education for girls was just permitted. Therefore, the plan is to introduce the fun aspects of sports to inexperienced teachers and students through UNDOKAI. At the same time, the aim to inform them about leadership and teamwork which are the good features of Japanese style education.

Implementation Structure



Contents & Outputs

- To conduct UNDOKAI at public schools in Saudi Arabia, we had planned to support management of UNDOKAI to be conducted at Riyadh Japanese School on November 10, 2018; however, we postponed the plan to the next year due to a visa problem.
- The following preparations were made in 2018:
 - Information collection from Embassy of Saudi Arabia in Tokyo.
 - Information collection from EDU-Port seminar focusing on Middle East area.
 - Information collection of Japanese companies based in Saudi Arabia.
 - Communication with the principal of Riyadh Japanese School.



Way Forward

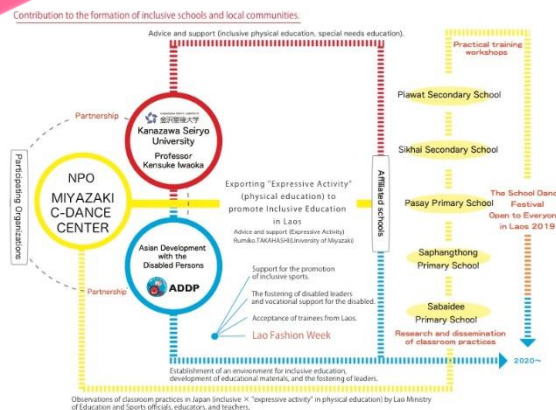
- ① To support management of UNDOKAI to be held at Riyadh Japanese School in Nov 2019.
- ② To invite school teachers and education officials to observe UNDOKAI at Riyadh Japanese School.
- ③ To conduct UNDOKAI either at a private boys school or an international school where Saudi Arabian students are also enrolled.
- ④ Ultimately to conduct UNDOKAI at public girls schools.

"Expressive activity" in physical education in Japan is an important and effective element of Inclusive Education which appreciates "individualities of body and movement". This project is conducted in cooperation with Kanazawa Seiryu University which researches inclusive physical activities and NGO Asian Development with the Disabled Persons which supports persons with disabilities in Laos, to contribute to development of inclusive schools and communities in Laos.

Project Concept

- By introducing "Expressive Activity", which is effective and useful for inclusive education, the aim is to provide a new value and develop a new model to create inclusive society which accepts diversity and promotes mutual understanding in Laos.
- We give our full support to SDGs' mission of "Realization of a world where no one is left behind."

Implementation Structure



Contents & Outputs

● Choreography of Lao fashion Week 2018 (September)

Laos Fashion Week is the largest international fashion event in Vientiane. ADDP planned the fashion show so that athletes (students) with disability, together with top-class models, walked down the runway. The dance company NAMSTROPS, which works within the worlds of art, sports, and education, worked with the models (people with disabilities) on pose choreography, performance, and how to walk the runway. Through the live performance, MIYAZAKI C-DANCE CENTER and ADDP appealed Expressive Activity and its effect on inclusive education to the people in Vientiane.

● Cooperation with JETRO (December)

Through JETRO Miyazaki, we worked with JETRO Vientiane to recruit participants (international enterprises, organizations, etc.) for our open lessons held at the local schools (see below).

● Program in Vientiane (February)


In order to improve teachers' skills and abilities, we conducted Expressive Activities lessons which are not part of curriculum in 2 schools in Vientiane that accommodate students with special needs: Passay elementary school (for students with visual impairment and intellectual disability) and Piawat middle/high school (for students with visual impairment, physical disability, developmental disorder, and autism). We also had a discussion with 3 other local schools for activity in 2019.



Way Forward

- To conduct open lessons of Expressive Activity and dance at 3 schools where we carried out discussion this year: Sikai middle school (for students with visual impairment), Sapanton elementary school (for students with autism), and Sabaldi elementary school (for students with intellectual disability and hearing impairment).
- To participate in Lao fashion week 2019.
- To organize "School Dance Festival in Laos" (tentative) which anyone can participate in, no matter if they are living with disability or not. This will lead to the 20th Miyazaki International Disabled Persons' Art and Culture Festival.

Please Visit our Website

EDU-Port Japan	<input type="text" value="search"/> 
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Please Contact

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MINISTRY OF EDUCATION,
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SCIENCE AND TECHNOLOGY-JAPAN