

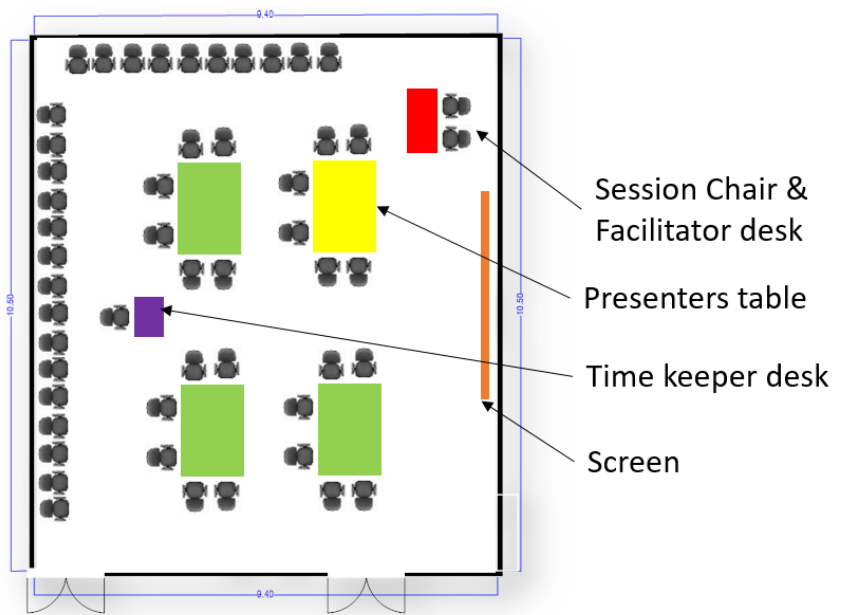
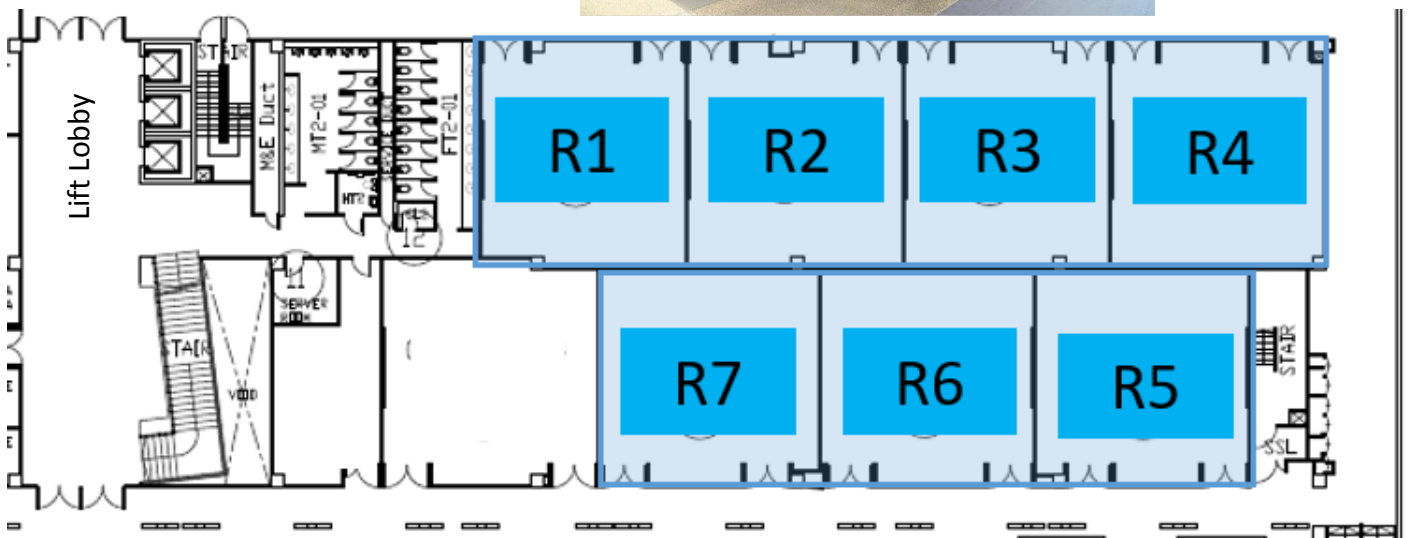
Parallel Session Groupings and Session Chair

Sub-Theme	Date	Start Time	Session	Room	No. of Papers	Session Chair (Institution)
Teaching & Learning to Shape Competencies for the Future	20 Sep	1:00 PM	1	R1	6	Mr Billy Tey (NP)
	20 Sep	1:00 PM	1	R2	6	Ms Tan Hui Leng (NP)
	20 Sep	1:00 PM	1	R7	5	A/P Dr Sutheera Puntheeranurak (KMITL)
	20 Sep	2:45 PM	2	R1	6	Dr Ching Wee Soon (NYP)
	20 Sep	2:45 PM	2	R2	6	Mr Manik Gujral (RP)
	20 Sep	2:45 PM	2	R7	5	A/P Dr Pikulkaew Tangtisanon (KMITL)
	21 Sep	10:30 AM	3	R1	6	Dr Phua Chee Teck (NYP)
	21 Sep	10:30 AM	3	R2	6	Dr Jeeva Periasamy (RP)
	21 Sep	2:15 PM	4	R1	5	Prof Juha Kontio (TUAS)
				Total	56	
Collaborations in Education to Shape Competencies for the Future	20 Sep	1:00 PM	1	R3	6	Dr Yuko Uesugi (NIT)
	20 Sep	2:45 PM	2	R3	5	Dr Anne Norström (TUAS)
	21 Sep	10:30 AM	3	R3	5	Dr Ai Takahashi (NIT)
	21 Sep	10:30 AM	3	R7	5	Dr Shin-ichi Akazawa (NIT)
	21 Sep	2:15 PM	4	R3	5	Mr Andrew Tham (TP)
	21 Sep	2:15 PM	4	R7	6	Ms Chai Kwee Siew (NP)
				Total	32	
Harnessing ICT to Shape Competencies for the Future	20 Sep	1:00 PM	1	R4	6	Mr Cheah Sin Moh (SP)
	20 Sep	1:00 PM	1	R5	6	Dr Kong Wai Ming (NYP)
	20 Sep	2:45 PM	2	R4	6	Dr Benson Wong Kin Ming (HK IVE)
	20 Sep	2:45 PM	2	R5	5	Mr Paul Ng (NP)
	21 Sep	10:30 AM	3	R4	6	Dr Mio Kobayashi (NIT)
	21 Sep	10:30 AM	3	R5	6	Mr Mark Wan (SP)
	21 Sep	2:15 PM	4	R4	5	Dr Edirisinghe, EM Nalaka S (TP)
	21 Sep	2:15 PM	4	R5	5	Dr Narisara Thongboonchoo (KMITL)
				Total	45	
Learning Spaces that Shape Competencies for the Future	20 Sep	1:00 PM	1	R6	6	Mr Soh Kim Fai (SP)
	20 Sep	2:45 PM	2	R6	6	Dr Roger Ng (HK IVE)
	21 Sep	10:30 AM	3	R6	6	Dr Eric Kwan (HK IVE)
	21 Sep	2:15 PM	4	R6	6	Ms Andrea Chan (RP)
				Total	24	

Sub-theme	T & L	Collaboration	ICT	Learning Spaces
Room	R1, R2, R7	R3, R7	R4, R5	R6



Block 73 Level 2



Parallel Sessions Room Location and Layout

Teaching & Learning to Shape Competencies for the Future

Session 1 Room 1 (20 Sep, 1:00 PM)

Session Chair : Mr Billy Tey (Ngee Ann Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	080hir	A STUDY ON THE ACTIVE LEARNING FRAMEWORK TO BOOST IMAGINATION AND CREATIVITY SKILLS IN LAW K. Hirose	National Institute of Technology, Japan - Kitakyushu College	Dr Koju HIROSE
2	171mcs	AN EXPLORATORY STUDY ON A PRACTICAL AND PROBLEM-BASED STUDENT PROJECT: DEVELOPMENT OF AN EXPERIMENT SETUP R.C.S. Man	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Mr Raymond C.S. MAN
3	087ryo	METHOD OF ACTIVE LEARNING ON INFORMATION SECURITY EDUCATION R. Komura, S. Yamada and S. Kishimoto	National Institute of Technology, Japan -Ishikawa College	Dr Ryotaro KOMURA
4	182aya	DEMONSTRATIVE EXAMPLES OF ACTIVE LEARNING AT KOSEN IN THE LOWER GRADES AND ADVANCED COURSES A. Yamauchi	National Institute of Technology, Japan - Gunma College	Dr Akira YAMAUCHI
5	249ale	INTERGRATED PROJECT AS AN AUTHENTIC PLATFORM TO ENHANCE ELECTRICAL ENGINEERING STUDENTS' LEARNING AND ENGAGEMENT A.K.B, See, G. C. Lek-Lim, M. Saleh, Y. W. Chin and B. L. Tan	Ngee Ann Polytechnic (NP), Singapore	Dr Alex SEE
6	227Bed	A COLLABORATIVE APPROACH TO COORDINATING STUDENTS' SELF-DIRECTED INQUIRY Y. Nakamura, A. Kikuchi, R. Kawabata and A. Sai	National Institute of Technology, Japan - Hachinohe College	Dr Yoshimichi NAKAMURA

Session 1 Room 2 (20 Sep, 1:00 PM)

Session Chair : Ms Tan Hui Leng (Ngee Ann Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	075tom	ENHANCING STUDENTS' LEARNING THROUGH PROJECT-BASED LEARNING T. H.Y. Cheung and F. Y. Leung	Institute of Vocational Education / Vocational Training Centre	Mr CHEUNG Ho Yeung, Tommy

			(IVE/VTC), Hong Kong	
2	120kat	TRIAL OF AN INTRODUCTORY PBL MODULE FOR FOSTERING INNOVATIVE ENGINEERS K. Hirata, Y. Kobayashi and Y. Shibata	National Institute of Technology, Japan - Oyama College	Dr Katsumi HIRATA
3	141wan	PROBLEM-BASED LEARNING: CASE STUDY IN PROCESS DYNAMICS AND CONTROL W. K. Evans	King Mongkut's Institute of Technology, Ladkrabang (KMITL), Thailand	Dr Wanwilai Kraipech EVANS
4	192ush	PRACTICE OF PBL EDUCATION FOR ENGINEERING DESIGN THROUGH ROBOT DEVELOPMENT S. Ushimaru, T. Ohnuma, Y. Aoki, S. Kotani, C. Ohbayashi and S. Suzuki	National Institute of Technology, Japan - Numazu College	Prof Shinji USHIMARU
5	228ren	THE REFLEXIVE EYE - INSIGHTS INTO THE EXPERIENTIAL DESIGN OF A FLIPPED CLASSROOM LESSON R. H.W. Kok and A. Ong	Republic Polytechnic (RP), Singapore	Ms Renee KOK
6	202tak	PRACTICE BASED EDUCATION OF INTRODUCTION TO ELECTRONICS FOR OTHER COURSE STUDENTS T. Yamada , T. Oguchi, M. Ando, A. Yachidate, Y. Matsuguchi, H. Yaginuma, M. Hayashi and S. Hamazaki	National Institute of Technology, Japan - Fukushima College	Dr Takahiro YAMADA

Session 1 Room 7 (20 Sep, 1:00 PM)

Session Chair : Asst Prof Sutheera Puntheeranurak (King Mongkut's Institute of Technology, Ladkrabang (KMITL))

No	Paper ID	Title & Authors	Institution	Presenter
1	048kim	ATTEMPTS OF TOEIC TESTS AT NATIONAL INSTITUTE OF TECHNOLOGY, FUKUSHIMA COLLEGE - SUMMARY AND ANALYSIS FROM 2004 THROUGH 2016 K. Kim, Y. Miyazawa and M. Ishihara	National Institute of Technology, Japan - Fukushima College	Dr Kouji KIM
2	070bjo	LEARNING STYLE SURVEY OF INFORMATION AND COMMUNICATION TECHNOLOGY STUDENTS: FOCUS ON HEALTH TECHNOLOGY MAJOR K. Björn and M. Soini	Metropolia UAS	Prof Kari A BJORN
3	124nao	A CASE STUDY OF THE GUIDANCE FOR EXPERIMENT WITH "INTERACTIVE EXPERIMENT NOTEBOOK" (III): ATTEMPT OF PRIOR LEARNING AND PRACTICAL TRAINING FOR ADVANCED SCHOOL STUDENTS OF NIT FOR THE	National Institute of Technology, Japan - Kurume College	Prof Naohiro KOSHIJI

		SUBJECT OF “EXPERIMENTS OF CREATIVE ENGINEERING” N. Koshiji		
4	229Dr	AN INTEGRATED LEARNING APPROACH IN BIO-MECHANICAL PROJECT DEVELOPMENT L. W. Tan	Ngee Ann Polytechnic (NP), Singapore	Dr TAN Lam Wing
5	236rxn	INTRODUCTION OF TEAM-BASED LEARNING TO TECHNOLOGY EDUCATION M. Hirano and Y. Fukumitsu	National Institute of Technology, Japan - Niihama College	Prof Masatsugu HIRANO

Session 2 Room 1 (20 Sep, 2:45 PM)

Session Chair : Dr Ching Wee Soon (Nanyang Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	207chi	ACTIVE ENGAGEMENT AND FLIPPED CLASSROOM FOR EFFECTIVE LEARNING W. S. Ching	Nanyang Polytechnic (NYP), Singapore	Dr CHING Wee Soon
2	084miy	MOTIVATION ENHANCEMENT OF LOWER GRADE STUDENTS TO STUDY ELECTRIC AND ELECTRONIC CIRCUITS BY COMBINING CIRCUIT FABRICATION, MEASUREMENT AND MATHEMATICAL CALCULATION K. Miyazaki	National Institute of Technology, Japan - Kurume College	Dr Koichi MIYAZAKI
3	253Rav	PEER INSTRUCTION AS A POWERFUL TOOL FOR IN DEPTH LEARNING S. Ravichandran	Temasek Polytechnic (TP), Singapore	Dr. Subbaraman RAVICHANDRA
4	122mik	A CASE STUDY ON THEME-BASED APPROACH IN HEALTH TECHNOLOGY ENGINEERING EDUCATION: HEALTH TECHNOLOGY DEVICES AND SOLUTIONS M. Soini and K. Björn	Metropolia UAS	Mr Mikaek N. K. SOINI
5	151sln	EXPLORING CORE PRINCIPLES OF LEARNING FOR EFFECTIVE EVIDENCE-BASED TEACHING S. L. Ngoh	Singapore Polytechnic (SP), Singapore	Ms NGOH Shwu Lan
6	153n-h	COLOR BALL COMMUNICATION EXPERIMENT N. Harada	National Institute of Technology, Japan - Tokuyama College	Prof Norihiko HARADA

Session 2 Room 2 (20 Sep, 2:45 PM)

Session Chair : Mr Manik Gujral (Republic Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	135man	ENGINEERING FINAL YEAR PROJECT IN POLYTECHNIC: STUDENT TECHNICAL COMPETENCIES AND INVOLVEMENT OF SUPERVISOR IN ASSESSMENT M. Gujral, C. W. Cheong and R. Balakrishnan	Republic Polytechnic (RP), Singapore	Mr Manik GUJRAL
2	140CM	IDENTIFYING CORE COMPETENCIES OF ELECTRICAL ENGINEERING STUDENTS THROUGH THE VOCATIONAL AND PROFESSIONAL EDUCATION AND TRAINING (VPET) PROGRAMME E. W.W. Kwan , C.M. Wong and T.W. Ng	Institute of Vocational Education / Vocational Training Centre	Eric W.W. KWAN

			(IVE/VTC), Hong Kong	
3	180ach	MULTIDISCIPLINARY ASPECT OF ENGINEERING CURRICULUM AND ITS IMPACT ON PROBLEM SOLVING APPROACH OF YOUNG ENGINEERS A. Sapkota and M. Tokita	National Institute of Technology, Japan - Kisarazu College	Achyut SAPKOTA
4	186Yun	AN INITIAL STUDY OF THE RESILIENCE CAPACITY OF DIPLOMA IN CHEMICAL ENGINEERING STUDENTS Y. Wong and A.Y. Oh	Singapore Polytechnic (SP), Singapore	Ms WONG Yun Yi
5	246oka	ENHANCING THE PDCA CYCLE THROUGH LEARNING PORTFOLIOS M. Okada, K. Kuroda, S. Nakamura and H. Aburatani	National Institute of Technology, Japan - Kitakyushu College	Dr Misuzu OKADA
6	254fai	Competency-based higher education: Equipping students with 21st century skills F.S.A. Rahman	Temasek Polytechnic (TP), Singapore	Ms FAIRUZ SAID ABDUL RAHMAN

Session 2 Room 7 (20 Sep, 2:45 PM)

Session Chair : Asst Prof Dr Pikulkaew Tangtisanon (King Mongkut's Institute of Technology, Ladkrabang (KMITL))

No	Paper ID	Title & Authors	Institution	Presenter
1	189kur	TEACHING STYLE USING AN INTERACTIVE ENVIRONMENT FOR PROBLEM-POSING M. Kurayama and T. Hirashima	National Institute of Technology, Japan - Hakodate College	Dr Megumi KURAYAMA
2	068pik	VISUAL THINKING STRATEGY FOR PROGRAMMING COURSE P. Tangtisanon	King Mongkut's Institute of Technology, Ladkrabang (KMITL), Thailand	Ms Pikulkaew TANGTISANON
3	200kik	SURVEY OF SCIENCE AND TECHNOLOGY CAMP AT Ngee Ann Polytechnic Y. Kikuchi, B. K. Chua and P.H.W. Fung	National Institute of Technology, Japan - Tsuyama College	Dr Yosuke KIKUCHI
4	092isa	SELF-DIRECTED LEARNING PRACTICE IN COMPUTER PROGRAMMING MODULE B. C. Zhu, Y.W. Chan-Tan and M.K.L. Lee	Singapore Polytechnic (SP), Singapore	Dr Bochun ZHU
5	173Yoh	EDUCATIONAL WIND TURBINE MODELS FOR SCHOOL CHILDREN Y. Kobayashi	National Institute of Technology, Japan - Maizuru College	Dr Yohei KOBAYASHI

Session 3 Room 1 (21 Sep, 10:30 AM)

Session Chair : Dr Phua Chee Teck (Nanyang Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	130aki	THE POSSIBILITY OF TOURISM AS A TEACHING MATERIAL OF CULTURE UNDERSTANDING FOR ENGINEERING STUDENTS A. Kikuchi	National Institute of Technology, Japan - Hachinohe College	Dr Akio KIKUCHI
2	149shi	THE BASIC AND EFFECTIVE LEARNING TRIAL WITH "BRAINSTORMING" METHOD A. Shinozaki and M. Matsumoto	National Institute of Technology, Japan - Ariake College	Dr Akira SHINOZAKI
3	177mfe	TEAMWORK AS A FUNDAMENTAL SKILL FOR ENGINEERING GRADUATES M. F. Ercan and R. Khan	Singapore Polytechnic (SP), Singapore	Mr Muhammet Fikret ERCAN
4	205ohy	TEACHING NETWORK PROGRAMMING: A METHOD DESIGNED TO REDUCE STUDENTS' PRESSURE AND TO IMPROVE CREATIVITY K. Ohya	National Institute of Technology, Japan - Nagano College	Dr Kenichi OHYA
5	223ect	FIVE-STEP STUDENT-LED, LEARNING-CENTRED APPROACH TO DEVELOP STUDENT'S INNOVATION SKILLS C.T. Phua, S.W. Kwek and K.W. Choo	Nanyang Polytechnic (NYP), Singapore	Dr PHUA Chee Teck
6	247utd	INNOVATION IN ARCHITECTURE EDUCATION PRACTICE S. Uchida, K. Funato, K. Dochi, K. Murata and E. Kumazawa	National Institute of Technology, Japan - Ishikawa College	Keisuke FUNATO

Session 3 Room 2 (21 Sep, 10:30 AM)

Session Chair : Dr Jeeva Periasamy (Republic Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	206jee	MEASURING SELF-DIRECTED LEARNING IN THE PROBLEM-BASED LEARNING CONTEXT: PRELIMINARY TESTING OF AN INSTRUMENT J. Periasamy and A. Vedamuthu	Republic Polytechnic (RP), Singapore	Ms JEEVA PERIASAMY
2	155tks	PROGRESS OF VISUALIZATION OF LEARNING OUTCOMES WITH COMPETENCE - ANNUAL REPORT 2016 T. Matsumoto, M. Komatsu, K. Yamada, N. Kawabata, K.Oota and Y. Kikuchi	National Institute of Technology, Japan - Anan College	Prof Takashi MATSUMOTO
3	175clh	EVIDENCING SERVICE-LEARNING@HMS J. Choo, S. Nair, S.S.Tiong, F. Ong, J. Ong, A. Chan and Y.K. Tan	Ngee Ann Polytechnic (NP), Singapore	Dr Juliet CHOO
4	164Koj	ANNUAL TRANSITION OF GENERIC SKILLS THROUGH THE	National Institute of Technology,	Dr Koji KAWASAKI

		RECONSTRUCTION OF THE TEACHING METHODS IN NATIONAL INSTITUTE OF TECHNOLOGY, SENDAI COLLEGE K. Kawasaki, T. Sato, K. Kumagai, T. Okumura, K. Wako and K. Yajima	Japan - Sendai College	
5	225Gob	RESEARCH AS A BASIS OF AN ACADEMIC PROPOSAL AND ITS ROLE IN STUDENTS' DEVELOPMENT AT THE GUANAJUATO UNIVERSITY G.E. Bernal Rivas	Guanajuato University	Gonzalo Enrique BERNALRIVAS
6	224tak	DEVELOPMENT OF EVALUATION INDICATORS OF ACHIEVEMENT IN ENGINEERING EXPERIMENTS IN KOSEN K. Takamura, S. Mitsua, D. Kurodab and J. Kobayashic	National Institute of Technology, Japan - Asahikawa College	Prof Koji TAKAMURA

Session 4 Room 1 (21 Sep, 2:15 PM)

Session Chair : Prof Juha Kontio (Turku University of Applied Sciences)

No	Paper ID	Title & Authors	Institution	Presenter
1	088ita	EDUCATIONAL MATERIALS FOR BUILDING DRONES FOR ROBOT HUMAN RESOURCE DEVELOPMENT T. Itaya, R. hashimoto, H. Kanematsu, H. Ezaki and Y. Nitta	National Institute of Technology, Japan - Suzuka College	Dr Toshiya ITAYA
2	263Rad	PREPARING FOR PRODUCTIVE SUCCESS THROUGH PRODUCTIVE FAILURE IN A PBL BASED CROSS-CULTURAL COMMUNICATION MODULE AT TEMASEK POLYTECHNIC R. Ravindran	Temasek Polytechnic (TP), Singapore	Dr Radha RAVINDRAN
3	128wak	IMPROVEMENT OF SKILLS IN INTERACTIVE TEACHING THROUGH OBJECTIVE AND QUANTITATIVE EVALUATION BY STUDENTS AND TEACHERS K. Wako, M. Sekido, S. Hamanishi, M. Okumura, J. Takeda, H. Ishi, Y. Miyazaki, S. Hongo, H. Sakuraba, H. Yamada, S. Yairi, H. Yagyu, M. Matsubara, K. Suzuki, Y. Tanaka and M. Oshima	National Institute of Technology, Japan - Sendai College	Shinji HAMANISHI
4	213shi	ACTION RESEARCH: PEER DISCUSSION LEARNING APPROACH S.M.L. Tee	Nanyang Polytechnic (NYP), Singapore	Ms Shirley TEE Mei Ling
5	127Shi	FUNDAMENTAL STUDY OF THE SIMPLIFIED MICRO DIFFUSION BIPOLAR TRANSISTOR AS THE EDUCATIONAL RESOURCE S. Nagaoka, M. Yamamoto, T. Tsuji, T. Shimizu, R. W. Johnston, H. Horibe, F. Shimokawa, T. Shikama and M. Rusop	National Institute of Technology, Japan - Kagawa College	Shiro NAGAOKA

Session 4 Room 2 (21 Sep, 2:15 PM)

Session Chair : Dr Tony Halim (Temasek Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	226kaz	AN APPROACH TO BASIC EDUCATION OF MATHEMATICAL MODELING IN NATIONAL INSTITUTE OF TECHNOLOGY K. Okumura and K. Takamura	National Institute of Technology, Japan - Asahikawa College	Dr Kazuhiro OKUMURA
2	093wil (318ngk)	MATHEMATICS FOR ENGINEERING: FEEDBACK FOR INTERACTIVE SEMINAR AND COLLABORATIVE LEARNING METHOD K.W. Ng and W.H.H. Tan	Republic Polytechnic (RP), Singapore	Mr NG Kiat Wah

3	220nsh	AN APPROACH TO INTRODUCTION AND IMPROVEMENTS OF IDEATHON IN ICT EDUCATION N. Shirahama	National Institute of Technology, Japan - Kitakyushu College	Prof Naruki SHIRAHAMA
4	150yun	CDIO INTEGRATED CURRICULUM FOR YEAR 2 CHEMICAL ENGINEERING S.M. Cheah, Y.Wong and S.T. Phua	Singapore Polytechnic (SP), Singapore	Ms WONG Yun Yi Wong/ Mr CHEAH Sin-MOH
5	262Alf	DEVELOPING PERSONAL COMPETENCY IN TEMASEK POLYTECHNIC'S POLYTECHNIC FOUNDATION PROGRAMME A.W.L. Chan, S.A.A. Rahman and L.L. Chan	Temasek Polytechnic (TP), Singapore	Mr Alfred CHAN Wai Leong

Collaborations in Education to Shape Competencies for the Future

Session 1 Room 3 (20 Sep, 1:00 PM)

Session Chair : Dr Yuko Uesugi (National Institute of Technology)

No	Paper ID	Title & Authors	Institution	Presenters
1	061Jon	COLLABORATION IN MARITIME ENGLISH EDUCATION BETWEEN JAPAN AND PHILIPPINES MARITIME ACADEMY J. Park, O.Yanagisawa and J. D. Magallon	National Institute of Technology, Japan – Oshima College	Dr Jongdoc PARK
2	063Ues	THE COLLABORATIVE RESEARCH TO ENHANCE THE LANGUAGE AQUISITION AND CROSS-CULTURAL UNDERSTANDING AMONG NON-NATIVE ENGLISH SPEAKERS IN THE SKYPE-USED PROGRAM Y. Uesugi	National Institute of Technology, Japan – Kure College	Dr Yuko UESUGI
3	256And	DEVELOPING DEEP, RELEVANT AND REAL SKILLS THROUGH HACKATHONS A. Ng, A.Tan and Edirisinghe, EM Nalaka S	Temasek Polytechnic (TP), Singapore	Ms Andrea NG
4	110tak	TRIPLE EDUCATIONAL COLLABORATION LEADS TO REGIONAL INNOVATION: EXCERPTS FROM THE DANISH INDUSTRIAL PHD PROGRAM T. Kiyoshi	National Institute of Technology, Japan – Toyama College	Dr Takeharu KIYOSHI
5	191fmu	ENGAGING AND MOTIVATING STUDENTS WITH PROJECT-BASED LEARNING F. Muljono, V. Ng and A. Zain	Republic Polytechnic (RP), Singapore	Mr Florian MULJONO
6	248k.n	DEVELOPMENT & IMPLEMENTATION OF ENGLISH LEARNING PROGRAMME AT SINGAPORE POLYTECHNIC	National Institute of Technology, Japan, Ube College	Dr Negishi KANAKO

		N. Kanako, N. Mitome, W. Y. Wong, H. Y. Wong, K. C. Tan, Y. Hara, S. Senba, N. Ito and S. Kobayashi		
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Session 2 Room 3 (20 Sep, 2:45 PM)

Session Chair : Dr Anna Norström (Turku University of Applied Sciences)

No	Paper ID	Title & Authors	Institution	Presenters
1	109yos	COLLABORATIVE EDUCATION PROGRAMS WITH IT INDUSTRIES N. Ezaki, Y. Kuroki M. Kurayama, E. Sugawara, R. Komura, and K. Tsuzuk	National Institute of Technology, Japan – Kurume College	Prof Yoshimitsu KUROKI
2	148teo	EQUIPPING STUDENTS FOR THE CLOUD COMPUTING WORKPLACE - THE DCPE APPROACH F. Teo and S. Anwar	Singapore Polytechnic (SP), Singapore	Mr Francis TEO
3	163cec	AN ACTION RESEARCH: THE USE OF STRUCTURED LEARNING OUTCOMES TO ENHANCE NURSING STUDENTS' PERFORMANCE OUTCOMES, IN DELIVERING SYSTEMATIC, HOLISTIC AND PATIENT-CENTRED CARE (PCC) IN MEDICAL-SURGICAL CLINICAL POSTINGS C. Tang, C.C. Chiang and A. Latiff	Nanyang Polytechnic (NYP), Singapore	Ms Cecilia TANG
4	201ono	AN ATTEMPT TO CONDUCT INTERDISCIPLINARY EDUCATION ON RAILWAY TECHNOLOGY M. Ono, Y. Mikawa, A. Watanabe and E. Koyabu	Muroran Institute of Technology	Dr Masatsugu ONO
5	221aki	OVERSEAS STUDENT EXCHANGE PROGRAMS THROUGH COLLABORATIONS WITH INBOUND AND OUTBOUND PARTNERS A. Okada	National Institute of Technology, Japan – Oyama College	Dr Akira OKADA

Session 3 Room 3 (21 Sep, 10:30 AM)

Session Chair : Dr Ai Takahashi (National Institute of Technology)

No	Paper ID	Title & Authors	Institution	Presenters
1	076Mar	IMPROVING THE ONDOKU-DOJO PROGRAM AND ITS EDUCATIONAL EFFECTS M. Okuzaki and M. Narumi	National Institute of Technology, Japan – Hakodate College	Prof Mariko OKUZAKI
2	099Chi	SUSTAINABILITY LEARNING: A STUDY ON PROMOTING SELF-MOTIVATION AMONG STUDENTS IN A TEAM BASED ENVIRONMENT C.L. Chia	Singapore Polytechnic (SP), Singapore	Ms CHIA Chew Lin

3	083hir	EDUCATIONAL EFFECTS OF PBL "CO+WORK" T. Hiraishi, J.C. Herbert, Y. Kajimura, and S. Fujiwara	National Institute of Technology, Japan – Akashi College	Dr Toshihiro HIRAISHI
4	178eve	PEER COACHING MODELS FOR FACILITATION MASTERY IN REPUBLIC POLYTECHNIC: A COMPARATIVE ANALYSIS E. Kow	Republic Polytechnic (RP), Singapore	Ms Evelyn KOW
5	197han	QUANTITATIVE EVALUATION OF LEARNING EFFECT OF PEER INSTRUCTION IN PHYSICS T. Niwa and Y. Nakamura	National Institute of Technology, Japan - Hachinohe College	Dr Takahiro NIWA

Session 3 Room 7 (21 Sep, 10:30 AM)

Session Chair : Dr Shin-ichi Akazawa (National Institute of Technology)

No	Paper ID	Title & Authors	Institution	Presenters
1	097s-a	THE EDUCATIONAL EFFECT OF GLOBAL JSLOOP PROGRAM ACTIVITIES DONE WITH GUANAJUATO AND SALAMANCA KOSEN IN MEXICO S. Akazawa, N. Fukuda, Y. Murakami, F. Ikeda, Y. Tsuchida and S. Toyama	National Institute of Technology, Japan – Nagaoka College	Dr Shinichi AKAZAWA
2	412jkg	PROMOTION OF STEM EDUCATION THROUGH INTERNATIONALIZATION J.K.F. Lee	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Mr Jonathan LEE
3	159y-i	THE INNOVATION IN LANGUAGE EDUCATION FOR ENGINEERING STUDENTS IN A GLOBALISING WORLD: THE EFFECT OF CROSS-CURRICULAR LANGUAGE TEACHING BASED ON CONTENT AND LANGUAGE INTEGRATED LEARNING (CLIL) Y. Iijima, H. Tanaka, S. Tanifuji, M. Carman and M. Ikeda	National Institute of Technology, Japan – Okinawa College	Ms Yoshie Paulina IIJIMA
4	231tmp	INFUSING SERVICE-LEARNING PEDAGOGY INTO DESIGN THINKING MODULES FOR YEAR 2 ENGINEERING STUDENTS P.C. Tan and W.C. Tan	Ngee Ann Polytechnic (NP), Singapore	Dr Michael TAN
5	138ABU	EDUCATIONAL APPROACHES TO DEVELOP STUDENTS' GENERIC SKILLS AND COMPETENCIES IN KOSEN H. Aburatani, N. Shirahama, R. Komura, M. Morimoto, K. Moriya, K. Noguchi, N. Uehara and J. Kobayashi	National Institute of Technology, Japan – Education Research Office	Dr Hideaki N ABURATANI

Session 4 Room 3 (21 Sep, 2:15 PM)

Session Chair : Mr Andrew Tham (Temasek Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	193sai	EDUCATION FOR NUCLEAR FUSION TECHNOLOGY THROUGH COLLABORATIVE RESEARCH WITH NIFS AND NUCLEAR HUMAN RESOURCE DEVELOPMENT PROGRAM BY NIT S. Saito	National Institute of Technology, Japan - Kushiro	Dr Seiki SAITO
2	190and	SERVICE-LEARNING EXPERIENCE FOR ENGINEERING STUDENTS AT Ngee ANN POLYTECHNIC A. C. H. Lee and M. Feng	Ngee Ann Polytechnic (NP), Singapore	Mr Matthew FENG Mei
3	125sus	GLOBAL ENGINEERING EDUCATION BETWEEN NIT, NAGAOKA COLLEGE AND ADTEC MELAKA BASED ON PROJECT-BASED LEARNING S. Nakamura, T. Iyama, R. Ismail, N. C. Mahmood and M. Z.A. Samad	National Institute of Technology, Japan – Nagaoka College	Prof Susumu NAKAMURA
4	160omi	PROJECT-BASED LEARNING ACTIVITIES USING DESIGN THINKING FOR CULTIVATING CREATIVE ENGINEERS O.Matsushita, R. Songer and K. Fujii	Kanazawa Technical College, Kanazawa	Prof Omihito MATSUSHITA
5	217 Rsx	LEVERAGING ON PROJECT-BASED LEARNING TO ENGAGE STUDENTS IN AUTHENTIC LEARNING ENVIRONMENT M. W. Lai and C. M. Cheong	Republic Polytechnic (RP), Singapore	Mr Lyon M.W. LAI

Session 4 Room 7 (21 Sep, 2:15 PM)

Session Chair : Ms Chai Kwee Siew (Ngee Ann Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenters
1	222kuz	TECHICAL SKILLS TRAINING DURING A SHORT TERM INTERNATIONAL COLLABORATION PROGRAM G. Davaa, O. Jambal and K. Kuzume	National Institute of Technology, Japan-Yuge College	Prof Ganbat DAVAA
2	219mik	AN EXPLORATORY STUDY ON NURSING STUDENTS ON THEIR PREFERRED AND ACTUAL CLINICAL LEARNING ENVIRONMENT M. Goh	Nanyang Polytechnic (NYP), Singapore	Mr Mike GOH
3	238tag	EXPERIENCE OF “COC” – “CENTER OF COMMUNITY,” A CHALLENGE OF AN ISOLATED ISLAND COLLEGE AS A COMMUNITY BASED ACTIVE LEARNING A. Tagami	National Institute of Technology, Japan – Hiroshima College	Atsushi TAGAMI
4	232dav	PILOT SKILLSFUTURE ENHANCED INTERNSHIP & CURRICULUM REVIEW FOR THE OFFSHORE & MARINE INDUSTRY D.C.W. Seow and T.W. Ong	Ngee Ann Polytechnic (NP), Singapore	Mr ONG Tuck Wei
5	062tet	AN INTERNATIONAL COLLABORATIVE EDUCATION THROUGH PARTICIPATION IN WORLDSKILLS RUSSIA T.Lyama, M, Sato, N. Aoyagi, S. Khan and K. A. Gennadyena	National Institute of Technology, Japan – Nagaoka College	Dr Tetsuro IYAMA
6	311agu	CREATING THE WORKMAN COMMUNITY FOR REHABILITATION AND RECONSTRUCTION AFTER DISASTER THROUGH FARMERS TRAINING A. Nugtoho and R.C. Islami	Universitas Gadjah Mada/Vocational College, Indonesia	Agus - NUGROHO

Harnessing ICT to Shape Competencies for the Future

Session 1 Room 4 (20 Sep, 1:00 PM)

Session Chair : Mr Cheah Sin Moh (Singapore Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	154smc	FLIPPED CLASSROOM: ENGAGING STUDENTS IN PRE-CLASS PREPARATION S. M. Cheah	Singapore Polytechnic (SP), Singapore	Mr CHEAH Sin-Moh
2	069s-u	ATTEMPT TO PROVIDE PROGRAMMING EDUCATION VIA FLIPPED TEACHING S. Uchida, T. Matsumura, T. Nishino, H. Masuda, A. Shirafuji, Y. Nagata and S. Mori	National Institute of Technology, Japan – Nara College	Dr Shinji Michel UCHIDA
3	218ann	EXPERIENTIAL LEARNING WITH ROLE-PLAYING, PEER FEEDBACK AND CASE-BASED LEARNING IN A FLIPPED-CLASSROOM A. Y. N. Ng	Nanyang Polytechnic (NYP), Singapore	Ms Annie NG Yin Ni
4	251hui	FLIPPED CLASSROOM TO UNLEASH THE POTENTIAL OF VOCATIONAL AND PROFESSIONAL EDUCATION AND TRAINING (VPET) K.C. Wong and K. Hui	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Mr David WONG Kin Chow
5	172aud	LEARNING WITH STUDENT GENERATED VIDEO STRATEGY A. Low	Singapore Polytechnic (SP), Singapore	Ms Audrey LOW
6	276cks	DEVELOPING NON-ACADEMIC SKILLS IN AN ADVANCED ENGINEERING-MATHEMATICS MODULE THROUGH FLIPPED LEARNING K.S. Chua	Ngee Ann Polytechnic (NP), Singapore	Dr Ricky CHUA

Session 1 Room 5 (20 Sep, 1:00 PM)

Session Chair : Dr Kong Wai Ming (Nanyang Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenters
1	073onc	BLENDED LEARNING AND OTHER ICT INITIATIVES FOR ENGLISH LANGUAGE EDUCATION AT NATIONAL INSTITUTES OF TECHNOLOGY IN JAPAN T. Ziemba	National Institute of Technology, Japan - Oita College	Dr Tomek A .W .ZIEMBA
2	079SAM	INTRODUCTION OF COMPUTATIONAL THINKING AND CASE ANALYSIS IN THE	University of Guanajuato	J.A. SANCHEZ-MARQUEZ

		DEVELOPMENT OF THE 21ST CENTURY SKILLS IN HIGH SCHOOL STUDENTS J.A. Sanchez-Marquez and A.Hudnall		
3	091mar	INCLUSIVE PRACTICES IN EFL TESTING PROTOCOL AT TECHNICAL COLLEGES IN JAPAN M.K. Higa and J.C. Herbert	National Institute of Technology, Japan - Matsue College	Mr Marshall K. HIGA
4	194nsc	TECHNOLOGY-ASSISTED LEARNING OF SOCIAL ISSUES IN SMALL AND LARGE CLASSES S.C. Ng and K.L. Chan	Ngee Ann Polytechnic (NP), Singapore	Ms NG Su Chia
5	147ama	SHAKING UP THE CLASSROOM: STUDENTS AS TEACHERS IN A CLIL BIOLOGY COURSE C. Revis, B. Johnson, A. Uno and K. Amanai	National Institute of Technology, Japan - Tokuyama College	Prof Kazuhito AMANAI
6	260Sat	IDENTIFYING PERTINENT STUDENT DATA AND INTERVENTIONS THROUGH LEARNING ANALYTICS TO ENABLE TEACHERS TO ENHANCE STUDENT MASTERY LEARNING S. Sathish	Temasek Polytechnic (TP), Singapore	Mr Sathish S/O SRITHARAN

Session 2 Room 4 (20 Sep, 2:45 PM)

Session Chair : Dr Benson Wong Kin Ming (IVE/VTC Hong Kong)

No	Paper ID	Title & Authors	Institution	Presenter
1	098cho	ACTIVE LEARNING WITH FACEBOOK AND GOOGLE CLASSROOM IN HUMAN COMPUTER INTERACTION CLASS C. Jinjakam	King Mongkut's Institute of Technology, Ladkrabang (KMITL), Thailand	Ms Chompoonuch JINJAKAM.
2	174fme	EXPLORING THE USE OF GOOGLE+ TO INCREASE STUDENTS' ENGAGEMENT IN THE CLASSROOM F. Meawad	Univeristy of Glasgow, Singapore	Fatma M. MEAWAD
3	117ben	INSTANT MESSAGING FOR ENQUIRY-BASED LEARNING AND PEER LEARNING COMMUNITIES K.H. Hung and K.M. Wong	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Mr WONG Kin Ming
4	134tks	DEVELOPMENT OF ICT-ENABLED TEACHING AND LEARNING ACTIVITIES FOR AN AEROSPACE ELECTRONICS MODULE K.S. Tang, E.L. Lim, C.L. Yeo and T.H. Lim	Ngee Ann Polytechnic (NP), Singapore	Mr TANG Kim Seng
5	156pet	DEEP LEARNING QUESTION ANSWERING CHATBOT P. Leong and P. Ji	Singapore Polytechnic (SP), Singapore	Mr Peter LEONG

6	108uru	ATTEMPT TO IMPROVE LESSON USING BLACKBOARD APPLICATION Y.Uruma, M. Okugumo and T. Gonda	National Institute of Technology, Japan – Yonago College	Masaki OKUGUMO , Takeshi GONDA Yoshiyuki Uruma,
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Session 2 Room 5 (20 Sep, 2:45 PM)

Session Chair : Mr Paul Ng (Ngee Ann Polytechnic)

No	Paper ID	Title & Authors	Institution	
1	118dfa	BRINGING THE MILLENNIALS ON AN ACCOUNTING LEARNING JOURNEY D.S.Y. Fan, C. J. Chin-Heng and W. Soh	Ngee Ann Polytechnic (NP), Singapore	Ms Diana FAN
2	152smc	INTEGRATING APPLICATION OF SINGAPORE STANDARDS IN A CHEMICAL ENGINEERING MODULE S.M. Cheah	Singapore Polytechnic (SP), Singapore	Mr CHEAH Sin-Moh
3	179shi	A WEB SOFTWARE DEVELOPMENT AND PRACTICAL REPORT FOR RECORD CREATION AND INFORMATION SHARING FOR DAILY LIFE GUIDANCE IN DORMITORY S. Yamanoue and H. Shiba	National Institute of Technology, Japan – Kochi College	Prof Haruya SHIBA
4	199kel	ATTRIBUTES OF EFFECTIVE E-LEARNING: A REVIEW OF LITERATURE K. Loo	Republic Polytechnic (RP), Singapore	Mr Kevin LOO
5	158dut	USING AUGMENTED REALITY TO ENHANCE STUDENTS' LEARNING OF ELECTRICAL PRINCIPLES IN PRACTICAL LESSONS OF PHYSICS T. Du, S. Xiao T.S. Tan, X. Liang, C. T. Tan, and K. W. Ming	Nanyang Polytechnic (NYP), Singapore	Mr DU Tie Hua

Session 3 Room 4 (21 Sep, 10:30 AM)

Session Chair : Dr Mio Kobayashi (National Institute of Technology)

No	Paper ID	Title & Authors	Institution	Presenters
1	078oga	ACCELERATION OF ACTIVE LEARNING IN NIT, GIFU COLLEGE N. Ogawa, T. Tokoro, A. Shimizu and T.Itoh	National Institute of Technology, Japan – Gifu College	Prof Nobuyuki OGAWA
2	065chr	ENHANCING THE LEARNING AND TEACHING OF FINITE ELEMENT ANALYSIS AT THE UNIVERSITY OF GLASGOW SINGAPORE C. Della, R. Thomson and L. Ng	University of Glasgow, Singapore	Christian DELLA
3	188ekc	PROVIDING ASSISTANCE SERVICES FOR STUDENTS USING INFORMATION AND COMMUNICATIONS TECHNOLOGY E. Chida	National Institute of Technology, Japan – Ichinoseki College	Prof Eikoh CHIDA
4	261Sam	TAPPING THE POTENTIAL OF MOBILE DEVICES IN A CONSTRUCTIVIST-BASED LEARNING ENVIRONMENT J.S.S. Sow	Temasek Polytechnic (TP), Singapore	Ms Samantha SOW

5	264tin	ELUCIDATING THEORETICAL CONCEPTS THROUGH EXPERIENTIAL LEARNING T. Jailani	Nanyang Polytechnic (NYP), Singapore	Ms Tina JAILANI
6	176kle	THE EFFECTIVENESS OF MIND MAPPING AND SOCIAL MEDIA TOOLS IN HUMAN COMPUTER INTERACTION (HCI) CLASS AT THE UNDERGRADUATE LEVEL K. Satcharoen	King Mongkut's Institute of Technology, Ladkrabang (KMITL), Thailand	Ms Kleddao SATCHAROEN

Session 3 Room 5 (21 Sep, 10:30 AM)

Session Chair : Mr Mark Wan (Singapore Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenters
1	102ldr	EVALUATION OF THE STUDENTS' LEARNING EXPERIENCE AND COMPETENCY GAIN WITH YACRS L.H.I. Lim, C. Goh and A. Sykes	University of Glasgow, Singapore	Dr Idris Li Hong LIM
2	103mar	AN EVIDENCE-BASED APPROACH TO FLIPPED CLASSROOM – SETTING THE STAGE FOR LEARNING VITAL 21ST CENTURY SKILLS S.K. Chong and M. Wan	Singapore Polytechnic (SP), Singapore	Mr Mark WAN
3	233sun	PROGRESSIVE IMPLEMENTATION OF REMOTE LEARNING IN THE COMPUTER AIDED DESIGN (CAD) MODULE TO INCULCATE SELF LEARNING A. Sundaram, K. Gao and N. F. Ho	Ngee Ann Polytechnic (NP), Singapore	Mr Alagu SUNDARAM
4	215kei	AN ITERATIVE AND COLLABORATIVE IMPLEMENTATION OF AN ANALYTICS FRAMEWORK FOR TEACHING AND LEARNING H.L. Fwa and T.K. Yap	Nanyang Polytechnic (NYP), Singapore	Mr FWA Hua Leong
5	258Qi	AN EXPLORATION OF TEACHING FUNDAMENTAL PROGRAMMING ONLINE INTERACTIVITY Y. Qi and E.M.N.S. Edirisinghe	Temasek Polytechnic (TP), Singapore	Mr. Qi Yutao
6	234cet	E-PRACT : MOBILE E-ASSESSMENT FOR CLINICAL SKILLS G. E. T. Chua	Ngee Ann Polytechnic (NP), Singapore	Ms Germaine CHUA

Session 4 Room 4 (21 Sep, 2:15 PM)

Session Chair : Dr Edirisinghe, EM Nalaka (Temasek Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenter
1	257Jon	IMPROVING E-LEARNING ENGAGEMENT THROUGH GAMIFICATION J.Pillai and E.M.N.S. Edirisinghe	Temasek Polytechnic (TP), Singapore	Mr Edirisinghe EM NALAKA S

2	116low	GAME-BASED LEARNING TO IMPROVE STUDENT LEARNING AND ENGAGEMENT IN IMMUNOLOGY P.Y. Low and G.B. Lim	Ngee Ann Polytechnic (NP), Singapore	Ms LOW Pey Yng
3	051jas	TESTING EFFECTIVENESS OF GAMIFICATION IN MOBILE LEARNING J. Chui	Nanyang Polytechnic (NYP), Singapore	Mr Jason CHUI
4	143jun	GAMIFICATION FOR EDUCATION OF CYBERSECURITY IN OPERATIONAL TECHNOLOGY J. Sato, N. Tansho, K. Kiyota and S. Kishimoto	National Institute of Technology, Japan - Tsuruoka College	Prof Jun SATO
5	145hoc	GAME-BASED LEARNING : BRINGING THE SHIPPING INDUSTRY INTO THE CLASSROOM C. H. Ho and W. Lim	Ngee Ann Polytechnic (NP), Singapore	Mr HO Chee Hoong

Session 4 Room 5 (21 Sep, 2:15 PM)

Session Chair : Dr Narisara Thongboonchoo (King Mongkut's Institute of Technology, Ladkrabang (KMITL))

No	Paper ID	Title & Authors	Institution	Presenter
1	169heh	TEACHING 6-AXIS INDUSTRIAL ROBOT PROGRAMMING VIA SIMULATION AND HANDS-ON LABORATORY E.H.L. Ho	Ngee Ann Polytechnic (NP), Singapore	Mr Edwin HO
2	255Lye	INFUSING ICT IN LEARNING OF PRODUCT DEVELOPMENT PROCESS S.L. Lye, L. Fang and H. S. Tan	Temasek Polytechnic (TP), Singapore	Ms LYE Sau Lin,
3	144yma	SUPPORTING WEBSITE FOR IMPROVING TEACHER'S EDUCATIONAL SKILLS CONTAINING INTERVIEW AND DISCUSSION VTR Y. Matsumoto, T. Tsuboi, T. Yasuda, M. Kobayashi, M. Nakamura and C. Ohashi	National Institute of Technology, Japan – Toyota College	Yoshitaka MATSUMOTO
4	214 mio	INVESTIGATING THE EFFECTIVENESS OF USING MINIBOTS TO ENHANCE THE LEARNING OF CODING THROUGH EXPERIENTIAL LEARNING M. T. Teo	Nanyang Polytechnic (NYP), Singapore	Ms TEO Miow Ting
5	209hoc	A BLENDED REMOTE LEARNING APPROACH FOR TEACHING MICROCONTROLLER PROGRAMMING TO ADULT LEARNERS H. W. Soon	Ngee Ann Polytechnic (NP), Singapore	Mr SOON Hock Wei

Learning Spaces that Shape Competencies for the Future

Session 1 Room 6 (20 Sep, 1:00 PM)

Session Chair : Mr Soh Kim Fai (Singapore Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenters
1	270Spa	JUST IN TIME WORKSHOP PRACTICE (JIT-WP) V.Choo and K. F. Soh	Singapore Polytechnic (SP), Singapore	Mr Victor CHOO
2	096min	NIT, MIYAKONOJO COLLEGE WITH MONGOLIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY BOTH STUDENTS CONSCIOUSNESS CHANGES THROUGH THE INTERCHANGE M. Iwakuma, I. Gonchigbat, S. Enkhtumut and H. Sugimoto	National Institute of Technology, Japan – Miyakonojo College	Prof Minako IWAKUMA
3	252Bra	FRAMEWORK FOR STUDENT INTERNSHIP COLLABORATION WITH INDUSTRY PARTNERS IN THE AIR TRANSPORT SECTOR: THE ANALYTIC HIERARCHY PROCESS MODEL AND INTERN-PARTNER PAIRING B. Siow	Temasek Polytechnic (TP), Singapore	Mr Brandon SIOW
4	112nmi	JOINT NATIONAL INSTITUTE OF TECHNOLOGY UBE COLLEGE - NANYANG POLYTECHNIC ACADEMIC EXCHANGE PROGRAMME: DEVELOPMENT AND IMPLEMENTATION N. Mitome, Y. Mintani, H. Misawa, K. Negishi, C.S. Wong, A. Liew, K.T. Low, F. Ehara, I Nanno, Y. Hara, S. Kobayashi, N. Ito and S. Senba	National Institute of Technology, Japan – Ube College	Dr Noriyo MITOME
5	114kat	COMPUTER-BASED SIMULATION FOR TEACHING WATER RECLAMATION TECHNOLOGY AND FIRE SAFETY MANAGEMENT K. Sead and C.C. Tan	Ngee Ann Polytechnic (NP), Singapore	Dr Katayon SEAD
6	166Gan	DEVELOPING DEEPER INTEREST IN GLOBAL ENVIRONMENTAL CHALLENGES G. Davaa, O. Jambal and K. Kuzume	National Institute of Technology, Japan – Yuge College	Prof Ganbat DAVAA

Session 2 Room 6 (20 Sep, 2:45 PM)

Session Chair : Dr Roger Ng (IVE/VTC Hong Kong)

No	Paper ID	Title & Authors	Institution	Presenters
1	168Rog	DEVELOPING AN AUGMENTED REALITY (AR) LAB FOR BUILDING SERVICES ENGINEERING VOCATIONAL AND PROFESSIONAL EDUCATION AND TRAINING - STAGE 1: THE MAKING OF AR LAB DEMO VIDEOS R.T.H. Ng	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Roger NG
2	101dar	REMOTE-LEARNING : LEARNING TO FISH, THE PHILOSOPHY AND THE CONSTRUCTION OF THE RE-IMAGINED CREATIVE AND INNOVATIVE THINKING SKILLS MODULES (CITS) C.L. Chong and B. L. Oh	Ngee Ann Polytechnic (NP), Singapore	Mr CHONG Ching Liang
3	129Tat	DEVELOPMENT OF AN EDUCATIONAL TOOL TO VISUALIZE BIOLOGICAL EFFECTS OF RADIATION IN REAL TIME ON A HUMAN BODY T. Miyatake, H. Tenzou, A. Nagoshi, Y. Kunimi, S. Manabe and R. Johnston	National Institute of Technology, Japan – Kagawa College	Mr Tatsuhiko MIYATAKE
4	195sha	EXPERIENCING THE BUSINESS WORLD THROUGH SIMULATION-BASED LEARNING S. Ang and D. Wang	Republic Polytechnic (RP), Singapore	Ms Shannen ANG
5	119Jen	IMPLEMENTING CONFIGURABLE REMOTE ACCESS LABORATORY FOR DIGITAL VIDEO BROADCASTING EXPERIMENT J.C. Ho and E. Rosdiana	Ngee Ann Polytechnic (NP), Singapore	Mr HO Jen Chan
6	242tdc	VIRTUAL SPEECH EVALUATIONS: HARNESSING ICT TO IMPROVE COMMUNICATIVE COMPETENCY T.D. Cooper, A. Tsukada, R. Matoba and N. Gomi	National Institute of Technology, Japan – Toyama College	Dr Todd D. COOPER

Session 3 Room 6 (21 Sep, 10:30 AM)

Session Chair : Dr Eric Kwan (IVE/VTC Hong Kong)

No	Paper ID	Title & Authors	Institution	Presenters
1	243vtc	THE NEXT MOVE IN VOCATIONAL AND PROFESSIONAL EDUCATION AND TRAINING (VPET) FOR AIRCRAFT MAINTENANCE ENGINEERING W. T. Mak and K. H. Kwan	Institute of Vocational Education / Vocational Training Centre (IVE/VTC), Hong Kong	Mr Wing Tai MAK
2	161ayo	LET STUDENTS EXPERIENCE SCIENTIFIC EXPERIMENTS USING	National Institute of Technology,	Mr Atsutoshi YOKOYAMA

		PROFESSIONAL INSTRUMENTS OUTSIDE OF THE CREDIT A. Yokoyama, Y. Tanaka and Y. Nojiri	Japan - Sasebo College	
3	196hon	LEARNING IMPACT OF DIALOGUE IN THE DARK M. Hon	Ngee Ann Polytechnic (NP), Singapore	Mr HON Maode
4	235leo	SHAPING COMPETENCY IN JOB REDESIGN FOR WORKPLACE SAFETY AND PRODUCTIVITY : NEW METHODOLOGY & IMMERSIVE LEARNING ENVIRONMENT C.K. Leo and R. Koh	Republic Polytechnic (RP), Singapore	Mr LEO Chin Khim
5	241osa	NURTURING FUTURE GLOBAL ENGINEERS THROUGH THE TEACHING OF ENGLISH AT NIT, FUKUI COLLEGE O. Haraguchi, T. Fujita and T. Abe	National Institute of Technology, Japan - Fukui College	Prof Osamu HARAGUCHI
6	240nat	KOSEN SUMMIT ON SCIENCE AND TECHNOLOGY N. Saito, S. Ikematsu and T. Sato	National Institute of Technology, Japan - Tsuruoka College	Dr Natsumi SAITO

Session 4 Room 6 (21 Sep, 2:15 PM)

Session Chair : Ms Andrea Chan (Republic Polytechnic)

No	Paper ID	Title & Authors	Institution	Presenters
1	133roh	PRACTICE CLASSES TO DEVELOP ICT LITERACY AND 21ST CENTURY SKILLS IN TOMAKOMAI COLLEGE R. Takahashi, M. Muramoto, S. Hatta and M. Hirano	National Institute of Technology, Japan - Tomakomai College	Dr Rohta TAKAHASHI
2	136tan	PRACTICE BASED LEARNING: A CASE STUDY IN BIODIESEL PRODUCTION LABORATORY T. Pinnarat, P. Kitchaiya, K Kraiwattanawong, A.Namkanisorn, S. Areerat, N. Thongboonchoo and Y. Patcharavorachot	King Mongkut's Institute of Technology, Ladkrabang (KMITL), Thailand	Mr Tanawan PINNARAT
3	167Aud	CAN PHYSIOTHERAPY STANDARDISED PATIENT PROGRAM BE A COMPARABLE SUBSTITUTE FOR THE TRADITIONAL CLINICAL EDUCATION MODEL IN THE PREPARATORY PHASE OF CLINICAL TRAINING? E.P.A. Lim and S.L.H. Soh	Nanyang Polytechnic (NYP), Singapore	Ms Audrey LIM
4	204and	LEARNING SPACES – RELATIONS THROUGH PEDAGOGICAL TOOLS AND LEARNING: PETAL FOUNDATION AS A CASE STUDY A. Chan	Republic Polytechnic (RP), Singapore	Ms Andrea CHAN
5	308fdb	STUDENT INTELLECTUAL ACTIVITY CENTER AS ACHIEVEMENT	Universitas Gadjah Mada/Vocational College, Indonesia	Fitri Damayanti BERUTU

		GENERATOR FOR VOCATIONAL STUDENTS F. D. Berutu		
6	230the	VERVE – AN ARTS FESTIVAL: AUTHENTIC LEARNING THROUGH INTEGRATED PROJECTS T. Chua, L. Fong and L. Tan	Ngee Ann Polytechnic (NP), Singapore	Ms Theophilia CHUA