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1 Nanyang Polytechnic,Singapore	REFLECTIONS OF A COMMUNITY PROJECT USING INFORMATION TECHNOLOGY	Pang Nai Kiat, Lee Chit Boon, Veronica Ang	Nanyang Polytechnic/School of Information Technology, Singapore
1 Nanyang Polytechnic,Singapore	TEACH FROM PROJECTS: CREATING YOUR OWN CASE STUDY IN CLASSROOM	H.M. Chiana, * and K.K. Chan b	a School of Chemical & Life Sciences, Nanyang Polytechnic, Singapore b School of Engineering, Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	FLIPPED CLASSROOM FOR DIFFERENTIATED LEARNING IN SOFTWARE ENGINEERING	Yap Tat Kwong and Pang Nai Kiat	School of Information Technology, Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	A COMMON FRAMEWORK FOR INTEGRATED MODULES USING DESIGN THINKING	Graham Ng HK, Grace Chan and Jessica Poon	Nanyang Polytechnic/ School of Information Technology, Singapore
1 Nanyang Polytechnic,Singapore	DEVELOPING AND APPLYING RUBRICS FOR COMPREHENSIVE CAPSTONE PROJECT ASSESSMENT	Flex TIO*, Joelle KONG, Ryan LIM, Edmund TEO	School of Engineering, Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	AUTHENTIC LEARNING EXPERIENCES IN ENGINEERING BASED ON THE ADOPTION OF INDUSTRY-STANDARD NATIONAL INSTRUMENTS LABVIEW ACADEMY PROGRAM	Chung Kok Wah	Nanyang Polytechnic/Avionics Systems Group, School of Engineering, Singapore
1 Nanyang Polytechnic,Singapore	FROM IDEA TO INNOVATION: AN INTEGRATED PROJECT-BASED LEARNING METHODOLOGY FOR SCHOOL OF ENGINEERING STUDENTS	Chin Yeow Hong and Tong Meng King, Shella	Nanyang Polytechnic, School of Engineering, Singapore
1 Nanyang Polytechnic,Singapore	CONNECTING EVERY DOTS – MEETING ORGANISATION NEEDS AND INDIVIDUAL EXPECTATIONS IN TEACHING ADULT LEARNERS	Siew Leong Kan and Elizabeth Sim	Communications and Networks Group, School of Engineering, Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	NYP EXPERIENCE IN IMPLEMENTING 'INTRODUCTION TO ENGINEERING' (CDIO STANDARD 4)	Goh Eng Siong*, Lim Poh Ghee and Ang Chee Kiong	School of Engineering, Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	VIRTUAL DEMENTIA HOME SERIES: BATHROOM-TOILET	M.Y. Wan-Koo*, L.W. Kang	School of Health Sciences (Nursing), Nanyang Polytechnic, Singapore
1 Nanyang Polytechnic,Singapore	THE ILIT-PLATFORM (I LEARN, I TEACH PLATFORM): A GRAPH-BASED MODEL FOR E-LEARNING	Tian Khoon LIM*,a and Jun Jie YONGa	aSchool of Engineering, Nanyang Polytechnic, Singapore
2 Ngee Ann Polytechnic,Singapore	TEACHERS' PERCEPTIONS ON THE USE OF GAMES IN THE POLYTECHNIC TEACHING CURRICULUM	A. Tan	School of InfoComm Technology, Ngee Ann Polytechnic, Singapore
2 Ngee Ann Polytechnic,Singapore	WHAT IS IT THAT LECTURERS DO THAT HELP STUDENTS PERFORM BETTER?	Sunarto Quek	Ngee Ann Polytechnic/School of Engineering (Electronic and Computer Engineering), Singapore
2 Ngee Ann Polytechnic,Singapore	MATHEMATICS ONLINE – A LEARNER CENTRED TUTORIAL SYSTEM DEVELOPED BY AND USED AT Ngee ANN POLYTECHNIC	C.K. Lim, Y.N. Gwee-Tan, and K.L. Tan-Teo	Ngee Ann Polytechnic/School of Interdisciplinary Studies, Singapore
2 Ngee Ann Polytechnic,Singapore	REDESIGNING LESSONS TO MEET STUDENTS' LEARNING PREFERENCES	K.W. Ng	Ngee Ann Polytechnic/School of Engineering Mechanical Engineering Division, Singapore
2 Ngee Ann Polytechnic,Singapore	VIRTUAL RELAY CIRCUIT BOARD FOR LEARNING	Low Thian Chye Edmund	Ngee Ann Polytechnic / School of Engineering, Electrical Engineering Division, Singapore
2 Ngee Ann Polytechnic,Singapore	A SAFETY JOURNEY: INSTILLING A SAFETY MINDSET IN STUDENTS THROUGH BEHAVIOR-BASED LEARNER-CENTERED ACTIVITIES	Mirko Stoll*, Chue Mei Ching, Susan Lee Teck Lian, Charles Ong Ban Choon and Tan Suat Peng	Ngee Ann Polytechnic/School of Life Sciences and Chemical Technology, Singapore
2 Ngee Ann Polytechnic,Singapore	i.Learn – A STAGED APPROACH TO DEVELOPING INDEPENDENT, SELF-DIRECTED LEARNERS	Hock-Guan Tana, Yaw-Tong-Fabian Ngb, Patrice Choong Siat Moyc, Sim Peck Hiahd & Siok-Ching Tane	a,b,c,d,e School of InfoComm Technology, Ngee Ann Polytechnic, Singapore
2 Ngee Ann Polytechnic,Singapore	USING IPAD APPS FOR ENGINEERING LESSONS	Tey Ching Sze	School of Engineering, Electronic and Computer Engineering Division, Ngee Ann Polytechnic, Singapore
3 Republic Polytechnic,Singapore	DIFFERENCES IN PERCEPTIONS OF INTERNSHIP PROGRAMS BY STUDENTS, SCHOOL AND INDUSTRY	C.S. Yap	Republic Polytechnic/ School of Engineering, Singapore
3 Republic Polytechnic,Singapore	PROBLEM-BASED LEARNING IN A TECHNOLOGY MEDIATED CURRICULUM: A CASE STUDY	Padma Rao	Centre for Educational Development, Republic Polytechnic, Singapore
3 Republic Polytechnic,Singapore	UNIQUENESS OF MATHEMATICS AND COMPUTING IN EDUCATION	W. A. M. Alwis	School of Engineering, Republic Polytechnic, Singapore
3 Republic Polytechnic,Singapore	TUTOR BEHAVIOURS AND THEIR INFLUENCE ON THE LEARNING PROCESS WITHIN A PBL CLASSROOM	E. Chng*,a, E.H.J. Yewa and H.G. Schmidtb	a Republic Polytechnic, Singapore b Erasmus University, The Netherlands

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3 Republic Polytechnic,Singapore	"IT CONNECTS YOU & ME" - DEVELOPING STUDENTS THROUGH TECHNICAL COMMUNITY PROJECTS	Jason Lim*, Seeneth d/o Kamila Hanifa*, Li Yan* and Sharmila Kanna*	*School of Infocomm, Republic Polytechnic, Singapore
3 Republic Polytechnic,Singapore	Use of Simulation and Virtual Reality for Learning	A. Schlag and C.P. Tan	Centre for Educational Development, Republic Polytechnic, Singapore
3 Republic Polytechnic,Singapore	STUDENTS' PERCEPTIONS OF IMPACT OF SCAFFOLDS IN PROBLEM-BASED LEARNING	*Serene S.Y. Choo, *Elaine H. J. Yew, and **H. G Schmidt	*Republic Polytechnic, Singapore **Erasmus University, The Netherlands
4 Singapore Polytechnic,Singapore1	TEACHING INFORMATION LITERACY IN CONTEXT: CASE OF CHEMICAL ENGINEERING EDUCATION	Sin-Moh Cheah & Katerina Yang	School of Chemical & Life Sciences, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	LEARNING TOGETHER OR KAGAN STRUCTURES? A COMPARISON OF BOTH APPROACHES IN A POLYTECHNIC CONTEXT	Tang U-Liang	School of Mathematics and Science, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	USING MULTIMEDIA TO UNDERSTAND SHIP DESIGN	Captain Ashok Mulloth, Mr Prakash Xavier	Singapore Polytechnic/Singapore Maritime Academy, Singapore
4 Singapore Polytechnic,Singapore1	DESIGNING NEW MODULE IN CHEMICAL ENGINEERING USING CDIO: GENERAL APPROACH	Sin-Moh Cheah and Hong-Wee Koh	School of Chemical & Life Sciences, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	INTRODUCING NEW MODULE IN CHEMICAL ENGINEERING USING CDIO: CASE STUDY	Hong-Wee Koh and Sin-Moh Cheah	School of Chemical & Life Sciences, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	FLIPPING THE CLASSROOM FOR DIGITAL ELECTRONICS	Christopher Teoh and Mark Wan	School of Electrical and Electronic Engineering Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	THE ROAD LESS TRAVELLED – FACULTY DEVELOPMENT TO PROMOTE ACTIVE LEARNING	Safura Anwar * and Christopher Teoh E.L.	School of Electrical & Electronic Engineering, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	A GIFT OF DRINKING WATER: A CHEMICAL ENGINEERING CDIO PROJECT	Ai Ye Oh and Katerina Yang	School of Chemical & Life Sciences, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	A REVIEW ON THE IMPLEMENTATION OF FLIPPED CLASSROOM IN SECOND YEAR ENGINEERING MODULE	Frank Lo Cheong Wah, Yue Pik Kong*, Rosa Tan-Wong Ah Hoon, Low Kok Hee, Kwa Teck Poey, Rodney Dorville and	School of Electrical & Electronic Engineering, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	TEACHING WORK-READY CLOUD COMPUTING USING THE DEVOPS APPROACH	Ji Pengxiang and Peter Leong	School of Digital Media and Infocomm Technology, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	FLIPPING A CAD CLASSROOM	NG GEOK LING	School of Architecture & the Built Environment, Singapore Polytechnic, Singapore
4 Singapore Polytechnic,Singapore1	ENGINEERING INVENTIONS: DESIGN OF A PROJECT BASED INTEGRATED COURSE	M. Fikret Ercan *,a and David Tan Soon Lingb	a Singapore Polytechnic, School of Electrical and Electronic Engineering, Singapore b Singapore Polytechnic, School of Mechanical and Aeronautical Engineering, Singapore
5 Temasek Polytechnic,Singapore	TEACH BASIC OBJECT-ORIENTED PROGRAMMING TO NOVICE PROGRAMMERS THROUGH SCAFFOLDING IN AN INTERACTIVE ONLINE ENVIRONMENT	Qi Yutao*,a and Edirisinghe, EM Nalaka Sb	a,b School Of Informatics & IT, Temasek Polytechnic, Singapore
5 Temasek Polytechnic,Singapore	AN EXPLORATIVE STUDY ON STUDENTS' PERCEPTIONS OF GAME MECHANICS BASED ON THEIR PROFILES	C.M. Ng	School of Informatics & IT, Temasek Polytechnic, Singapore
5 Temasek Polytechnic,Singapore	A NEWLY DESIGNED EXPERIENTIAL LEARNING MODEL BASED ON STUDENTS MAJOR PROJECT AND INTERNSHIP CASE STUDIES	W.D. Lin*,a, E.S. Chana and S.Y.Chia a	aBusiness Process and Systems Engineering, Temasek Polytechnic, Singapore
5 Temasek Polytechnic,Singapore	EXPLORING THE IMPACT OF 3D SIMULATION-BASED LEARNING FOR HIGHLY COMPLEX ENGINEERING SYSTEMS	H.S. Tan*,a, L. Fangb, J. Khoo c and C.H. Chai c	a School of Engineering/ICT, Temasek Polytechnic, Singapore b School of Engineering/Learning Development, Temasek Polytechnic, Singapore c School of Engineering/Aerospace Engineering, Temasek Polytechnic, Singapore
5 Temasek Polytechnic,Singapore	THE 21ST CENTURY LEARNER AT PFP@TP	K.H. Tan and G.B. Teo	Centre for Foundation Studies, Temasek Polytechnic, Singapore

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5 Temasek Polytechnic,Singapore	MOTIVATING STUDENTS TO DEVELOP CUSTOMISED SYSTEMS FOR MEDICAL INDUSTRY THROUGH COLLABORATIVE INDUSTRIAL RESEARCH	S. Ravichandran	School of Engineering, Temasek Polytechnic, Singapore
5 Temasek Polytechnic,Singapore	USING SOCIAL MEDIA FOR TEACHING, LEARNING AND COLLABORATING	Noor Faridah A Rahim	School of Informatics & IT, Temasek Polytechnic, Singapore
6 Japan1	DEVELOPMENT OF TEACHING MATERIALS AIMED FOR RELEVANCE ON LEARNING MATHEMATICS BY THE MEDIUM OF COMPLEX NUMBERS	Michihiro Sakai*,a, and Toshifumi Tanakab	a Sciences and Mathematics, Liberal Arts, National Institute of Technology, Kurume College, Kurume City, 830-8555, Japan b Department of Mathematics, Faculty of Education, Gifu University, Yanagido 1-1, Gifu, 501-1193, Japan
6 Japan1	DEVELOPMENT AND PRACTICE OF AN ATTRACTIVE ELECTRONIC DEVICE FABRICATION EXPERIMENT AS PBL	S. Seto*,a, N. Tokuaia and S. Yamadaa	a Department of Electrical Engineering, National Institute of Technology, Ishikawa College, Tsubata, Kahoku, Ishikawa 929-0392, Japan
6 Japan1	THE PEDAGOGY OF TEACHING JAPANESE STUDENTS TO MAKE PRESENTATIONS IN ENGLISH — THE EVOLUTION OF A SYLLABUS FOR STUDENTS OF ADVANCED COURSES AT NATIONAL INSTITUTE OF TECHNOLOGY, HAKODATE COLLEGE	M. OKUZAKI*,a, T. FUJIWARAb, K. SHIKANOC, L. KLINGENBERGd and L. BASSANe	a General Department, NIT, Hakodate College, Hakodate, Japan b Department of Production Systems Engineering, National Institute of Technology, Hakodate College, Hakodate Japan c Department of Material and Environmental Engineering, National Institute of Technology, Hakodate College, Hakodate Japan d,e Visiting Professor, National Institute of Technology, Hakodate College, Hakodate, Japan
6 Japan1	EFFECT OF ABDOMINAL BREATHING TRAINING ON JAPANESE STUDENTS' ENGLISH LEARNING	OKUZAKI Mariko*a & Kenji MORIYAb	aGeneral Department, National Institute of Technology, Hakodate College, Hakodate, Japan bDepartment of Production System Engineering, National Institute of Technology, Hakodate College, Hakodate, Japan
6 Japan1	INVESTIGATION OF MECHANICAL SHOP BASIC PRACTICE FOR ENGINEERING EDUCATION IN NATIONAL COLLEGE OF TECHNOLOGY	A. Shinozaki*, a, M. Furukawaa, E. Kawamurab, S. Matsukawab, D. Ishibashib, Y. Mashimab and M. Nakashimab	a Department of Mechanical Engineering, National Institute of Technology, Ariake College, Omuta, Fukuoka, JAPAN b Technical Support Center for Education and Research, National Institute of Technology, Ariake College, Omuta, Fukuoka, JAPAN
6 Japan1	STUDENT SELF-ASSESSMENT AND LEARNING STYLE PREFERENCE FOR TECHNICAL ENGLISH LANGUAGE ACQUISITION	R.W. Johnston*,a and K. Morib	a National Institute of Technology, Kagawa College-Takuma Campus/Department of Electronic Systems Engineering, Mitoyo City, Japan b National Institute of Technology, Kagawa College-Takuma Campus/Department of General Education, Mitoyo City, Japan
6 Japan1	AN ATTEMPT OF "SOCIAL IMPLEMENTATION" STYLE FINAL PROJECT FOR ENGINEERING EDUCATION	K. Shibasato* and H. Ohtsuka	Department of Control and Information System Engineering, National Institute of Technology, Kumamoto College, Kumamoto, Japan
6 Japan1	AN EFFORT TO ENHANCE STUDENTS' ABILITY VIA CLUB ACTIVITIES AND THESIS WRITING	Y. Kuroki*	* National Institute of Technology, Kurume College, Fukuoka, Japan
6 Japan1	REPORT ON THE INTERNATIONAL WORKSHOP ON INNOVATIVE PROJECT 2013	K. Horiguchi*,a, A. Nagasaka a, Y. Toya a, S. Ozawa a, N. Okumura a, K. Ohya a, E. Matsushita a, K. Yamazaki a, T. Kuroda a and M. Sekiguchib	a National Institute of Technology, Nagano College, Nagano, Japan b National Institute of Technology, Kisarazu College, Kisarazu, Japan
6 Japan1	TEACHING ETHICS ACROSS THE CURRICULUM: A PEDAGOGICAL METHOD FOR FOSTERING OF PRACTICAL ENGINEERS	Atsushi Fujiki*a and Eiji Izumotob	a Department of Liberal Arts (Humanities and Social Science), National Institute of Technology, Kurume College, Japan b Department of Biochemistry and Applied Chemistry, National Institute of Technology, Kurume College, Japan
6 Japan1	PROJECT BASED LEARNING EFFECTS IN EARLY STAGE ENGINEERING EDUCATION	K. Sugimoto	Department of Information and Communication Systems Engineering, National Institute of Technology, Okinawa College, Nago, Japan

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6 Japan1	REPORT ON THE SUBJECT OF AQUA-MECHATRONICS TRAINING PROGRAM IN YUGE NATIONAL COLLEGE OF MARITIME TECHNOLOGY	K. Kashine*,a, S. Iwasaki b and T. Fujimoto c	a Department of Electrical and Electronic Engineering, National Institute of Technology, Kagoshima College, Kagoshima, Japan b Technical Support Center, National Institute of Technology, Yuge College, Ehime, Japan c Department of Electronic Mechanical Engineering, National Institute of Technology, Yuge College, Ehime, Japan
6 Japan1	HUMAN RESOURCE DEVELOPMENT ASSOCIATED WITH CONSTRUCTION OF A SECURITY SYSTEM WITH INDEPENDENT POWER SOURCES DISPERSED TO LIMIT RISK	Kazuya KANDA*,a, Hajime Motohashi a, Takaya Sato a, Yasunari Mimura a and Tetsushi Utumi a	a National Institute of Technology , Tsuruoka College, Tsuruoka, Japan
6 Japan1	ACHIEVEMENTS AND PROBLEMS OF THE NEW ENGINEERING EDUCATION WITH A LOCAL COMMUNITY – EFFORTS FORTEN YEARS IN THE ARCHITECTURAL DESIGN AT KUMAMOTO NATIONAL COLLEGE OF TECHNOLOGY –	Setsuko ISODA*, Sadayuki SHIMODA*, Manabu MORIYAMA*, Koji KATSUNO* and Tadashi UCHIYAMA**	*Department of Architecture and Civil Engineering, National Institute of Technology, Kumamoto College, Yatsushiro City, JAPAN ** Kyushu Sangyo University, Fukuoka City, JAPAN
6 Japan1	CAN AUTOSUGGESTION IMPROVE ENGLISH PROFICIENCY OF JAPANESE COLLEGE STUDENTS?	M. Ikematsu*,a,	a National Institute of Technology, Ibaraki College/Department of the Humanities, 866 Nakane, Ibaraki 312-8508, Japan
6 Japan1	DEVELOPMENT OF A LEGO MINDSTORMS NXT PLATFORM BASED PRACTICAL C PROGRAMMING COURSE AT NIT, KAGAWA COLLEGE -COLLABORATION BETWEEN CLASSROOM LECTURE AND PRACTICE-	H. Fujii*,a, C. Mourib, R. Johnstona, I. Tsukimotoa , Y. Misakia	a Department of Electronic Systems Engineering, National Institute of Technology, Kagawa College, Mitoyo-city, Kagawa-prefecture, Japan b Technical Education Support Section, National Institute of Technology, Kagawa College, Mitoyo-city, Kagawa-prefecture, Japan
7 Japan2	ESTABLISH THE CUSTOM OF STUDY BY THEMSELVES FOR FRESHMEN AT SCHOOL DORMITORY	N. Shimanea, H. Kumagaia. S. Odaharaa, T. Nakamurab, M. Nagaic and T. Tsutsumi*a	a National Institute of Technology, Kagoshima College, Kirishima, Japan b Kushiro Public University of Economics, Kushiro, Japan c National Institute of Technology, Tokyo College, Hachioji, Japan
7 Japan2	APPROACH OF EXPERIMENTAL PROGRAM OF ELECTRICAL ENGINEERING FOR K-12 STUDENTS	Chinami Kaneshiro*,a, Shouich Tanifujia and Katsuya Higa a	a Department of Information Communication and System Engineering, National Institute of Technology, Okinawa College, Nago-city, JAPAN
7 Japan2	REPORT ON THE INTERNATIONAL EXCHANGE PROGRAM WITH MODEL PLANE CONTEST AS TECHNICAL CHALLENGE THEME	Naruki Shirahama*,a, Takashi Takimotob, Masahiro Wakiyamac NG Chun Yu Eddied and Lee Kam Fat Jonathane	a Dept. of Electronics and Control Eng., National Institute of Technology, Kitakyushu College, Kitakyushu-shi, Fukuoka, Japan b Dept. of Mechanical Eng., National Institute of Technology, Kitakyushu College, Kitakyushu-shi, Fukuoka, Japan c Dept. of Control and Information Eng., National Institute of Technology, Kitakyushu College, Kitakyushu-shi, Fukuoka, Japan d Dept. of Real Estate and Facilities Management VTC IVE, Chai Wan, Hong Kong e Dept. of Engineering Management and Technology VTC IVE, Chai Wan, Hong Kong
7 Japan2	ON THE DEVELOPMENT OF PROFESSION'S BASIC ABILITIES STUDIED BY USING THE PBL EDUCATIONAL METHOD	Keiko DOCHI*,a, Masato NISHIMOTO b	a Department of Architecture, National Institute of Technology, Ishikawa College, Ishikawa, Japan b Department of Architecture, National Institute of Technology, Ishikawa College, Ishikawa, Japan
7 Japan2	PRACTICAL EDUCATION BASED ON THE NEEDS OF THE COMMUNITY	Keiko DOCHI*,a, Takashi KOBAYASHI b	a Department of Architecture, National Institute of Technology, Ishikawa College, Ishikawa, Japan b Department of liberal Arts, National Institute of Technology, Ishikawa College, Ishikawa, Japan
7 Japan2	TEACHING MATERIAL DEVELOPMENT TO CULTIVATE MATHEMATICAL ABILITIES - FOCUSING ON EFFECTS OF SOLVING PROBLEMS INVOLVING ORDINARY DIFFERENTIAL EQUATIONS-	M. Watari*,a	a National Institute of Technology, Okinawa College /Department of Integrated Arts and Science, Nago, Japan

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7 Japan2	PRESENT CIRCUMSTANCES AND PROBLEMS OF PRACTICAL HUMAN RESOURCES DEVELOPMENT AT INDUSTRIAL UNIVERSITY IN VIETNAM	Tomomichi Nishino*a and Nguyen Thi Ha b	a Department of Applied Chemistry, National Institute of Technology, Akita College, Akita, Japan b Industrial University of Ho Chi Minh City, Thanh Hoa, Vietnam
7 Japan2	MULTISTAGE-EXPERIENCE EDUCATIONAL PROGRAM FOR ENGINEERING EDUCATION USING LEGO MINDSTORMS ~ THE ACHIEVEMENTS, CHALLENGES, AND FUTURE DEVELOPMENT IN THE SECOND YEAR OF PROGRAM INTRODUCTION~	T. Tamaki *, a, E. Ueda a, S. Nakamura a, S. Nishida a, K. Iida a, Y. Yano a, T. Michishita b, T. Sasayama b, and H. Shimada b	a Department of Control Engineering, National Institute of Technology, Nara College, 22 Yata-cho, Yamatokoriyama, Nara 639-1080, JAPAN b Technical Support Section, National Institute of Technology, Nara College, 22 Yata-cho, Yamatokoriyama, Nara 639-1080, JAPAN
7 Japan2	A LEARNING METHOD OF GLOBAL CAREER EDUCATION THROUGH A SERIES OF INTERACTIVE LECTURES	H. Tanaka*, a, T. TANABEa, T. MITSUEa, Y. SHIROMAb, T. FUJIMOTOB, M. ITOa and T. HAMADAa	a Bioresources Engineering, National Institute of Technology, Okinawa College, Nago, Japan b Students Affairs, National Institute of Technology, Okinawa College, Nago, Japan
7 Japan2	A PROJECT-BASED LEARNING AND BLENDED LEARNING ON KNOWLEDGE INFORMATION PROCESSING	Masahiro Wakiyama*,a, Akira Miyamotob,Yasunobu Hitakaa, Yoshito Tanakaa and Naruki Shirahamac	a Dept. of Control and Information Eng., National Institute of Technology, Kitakyushu College, Kitakyushu, Japan b Supporting Section for research and education, National Institute of Technology, Kitakyushu College, Kitakyushu, Japan c Dept. of Electronics and Control Eng., National Institute of Technology, Kitakyushu College, Kitakyushu, Japan
7 Japan2	A PBL STYLE PROGRAM "PROJECT WEEK" IN JAPAN: INTERNATIONAL COLLABORATION IN EDUCATION BETWEEN ANAN KOSEN AND OSUNABRUECK UNIVERSITY OF APPLIED SCIENCES	E.Hayashida	National Institute of Technology Anan College/General Education, Anan City, Japan
7 Japan2	EDUCATIONAL FRAMEWORK FOR COMPANY ENGINEERS IN COLLABORATION AMONG FOREIGN INSTITUTIONS	S. Toga*,a, T. Homaeb and Y. Naruse c	a Department of Maritime Technology, National Institute of Technology, Toyama College, Toyama, Japan b Advanced Course, National Institute of Technology, Toyama College, Toyama, Japan c Department of International Business, National Institute of Technology, Toyama College, Toyama, Japan
7 Japan2	TRAINING PROGRAM OF TECHNICAL ENGLISH USING ACTIVE LEARNING AT Ngee ANN POLYTECHNIC	Y. Kikuchi*,a, B. K. Chuab, Patrick H. W. Fungb, Tan Lub, Jacqueline K. Y. Kuahe, S. Tanabed and N. Harae	a National Institute of Technology, Tsuyama College/Department of Computer and Information Engineering, Tsuyama Japan b Ngee Ann Polytechnic/School of Engineering, Electronic & Computer Engineering Division, Singapore c Ngee Ann Polytechnic/School of Interdisciplinary Studies, Singapore d National Institute of Technology, Tsuyama College/Department of Electrical and Electronic Engineering, Tsuyama Japan e National Institute of Technology, Tsuyama College/Promotion of Academic and Society Cooperation, Tsuyama Japan
7 Japan2	TO INCULCATE THE WILL TO LEARN ENGINEERING IN STUDENTS BY MAKING IT RELEVANT	N. Takeda*,a	a Civil engineering, National Institute of Technology, Akashi College, Akashi, Japan
7 Japan2	DEVELOPMENT OF ROBOT DESIGN AND CONSTRUCTION PROGRAM BASED ON PBL EDUCATION	S. Nakamura*,a, H. Ichii, T. Tamakia, H. Fukuyamab, T. Michishitac, T. Sasayamac, M. Ozakic, H. Shimadac, T. Inouec, Y. Ikeuchic and E. Uedaa	a Department of Control Engineering, National Institute of Technology, Nara College, Japan b Business Solution Section, CS-WAKITA Company, Japan c Technical Support Section, National Institute of Technology, Nara College, Japan
8 Japan3	APPLICATION OF THE WEATHER AND NANO-SATELLITE PROGRAM IN EDUCATION	Masaaki Komatsu*	* National Institute of Technology, Kushiro College Department of Electrical Engineering Kushiro, Hokkaido, Japan
8 Japan3	ACTIVE LEARNING VIA MECHANICAL ENGINEERING-BASED EXTRACURRICULAR ACTIVITIES	Y. Taniguchi*,a, M. Ozakib, T. Sasayamab, H. Shimadab, T. Inoueb, K. Kodamaa and H. Fukuokaa	a National Institute of Tech., Nara College, Department of Mechanical Engineering, 6391080 Yatacho22, Yamatokoriyama City, Nara, JAPAN b National Institute of Tech., Nara College, Technical Support Section, 6391080 Yatacho22, Yamatokoriyama City, Nara, JAPAN

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8 Japan3	A PBL MODULE "LAB-PRACTICE IN ELECTRONIC CIRCUITS" IN THE ELECTRICAL AND ELECTRONIC DEPARTMENT OF KITAKYUSHU NATIONAL COLLEGE OF TECHNOLOGY: STRATEGY AND TASK DESIGN	T. Fukuzawa*,a, T. Shimosakob, T. Sokenb and H. Aburatania	a Department of Electrical and Electronic Engineering, b Supporting Section for Research and Education, National Institute of Technology, Kitakyushu College, Kitakyushu, Japan
8 Japan3	DISASTER PREVENTION EDUCATION BY USING E-LEARNING WEBSITES OF DYNAMIC HAZARD MAP	Y. Nabeshima	Civil Engineering, National Institute of Technology, Akashi College, Akashi, Japan
8 Japan3	DEVELOPING PRESENTATION SKILLS FOR FUTURE ENGINEERS IN THE AGE OF GLOBALIZATION	Yuji SHUHAMA*,a and Hikaru SHIMOTSUMAb	a National Institute of Technology, Tsuruoka College, Dept. of General Science, Tsuruoka, Japan b National Institute of Technology, Tsuruoka College, Dept. of Mechanical and Electrical Engineering, Tsuruoka, Japan
8 Japan3	ENGINEERING ENGLISH: A SENTENCE DIAGRAMMING APPROACH	*Richard Grumbine and Shinta Furuike	National Institute of Technology, Ariake College, Fukuoka, Japan
8 Japan3	STUDY ON CONTINUOUS USE OF TEACHING PORTFOLIOS FOR PROFESSIONAL DEVELOPMENT	T. Matsumoto	Department of Creative Technology Engineering Course of Electrical Engineering National Institute of Technology, Anan College, Anan- shi, JAPAN
8 Japan3	A CDIO APPROACH AND COLLABORATION ON PROJECT WORK IN MECHANICAL ENGINEERING	N. Aoyagi *a, M. Yamagishi a	a Department of Mechanical Engineering, National Institute of Technology, Nagaoka College, Nagaoka, Japan
8 Japan3	NEW PROGRAM FOR ENGINEERING EDUCATION WITH TRIZ FOR KOSEN	Y. Iijima*, Y. Kobayashi, and K. Kobayashi	National Institute of Technology, Oyama College, JAPAN
8 Japan3	EDUCATIONAL OUTCOMES OF A TOTAL ENGLISH IMMERSION GRADUATION RESEARCH PROJECT COURSE IN ELECTRONIC SYSTEMS ENGINEERING AT NATIONAL INSTITUTE OF TECHNOLOGY KAGAWA COLLEGE TAKUMA CAMPUS	T. Hotta*a, R. W. Johnstonb, H. Fujii b and Y. Misakib	a National Institute of Technology Kagawa College - Takuma Campus Advanced Course in Electronics, Information and Communications Engineering, Japan b Department of Electric Systems Engineering, National Institute of Technology Kagawa College - Takuma Campus, Takuma, Japan
8 Japan3	EDUCATIONAL MATERIALS DEVELOPMENT FOR PROJECT-BASED LEARNING UTILIZING GNU RADIO	Y. Yamada*,a and M. Iwahashi b	a Dept. of Electronics and Information Engineering, National Institute of Technology, Ishikawa College, Ishikawa, Japan b Dept. of Electrical, Electronics and Information Engineering, Nagaoka University of Technology, Nagaoka, Japan
8 Japan3	DEVELOPMENT AND EVALUATION OF THE WEB INTERFACE OF NS2 FOR NETWORK ENGINEERING EDUCATION	Kenichi Nagaoka	Department of Electronics and Information Engineering, National Institute of Technology, Ishikawa College, Ishikawa, Japan
8 Japan3	DEVELOPMENT OF TEACHING MATERIALS FOR THE ELEMENTARY PROGRAMMING EDUCATION	Shinji Uchida1, Muflih Hamdika1, Chika Okada1, Keita Okuda1 and Ahmad Syahir1	1 Department of Information Engineering, National Institute of Technology, Nara College Yamatokoriyama, JAPAN
8 Japan3	THE PROJECT TO EDUCATE FOR FEMALE STUDENTS -ACT GIRLS' NETWORK-	N. Takeda*,a, I. Araib and S. Tanaka c	a Civil engineering, National Institute of Technology, Akashi College, Akashi, Japan b Electrical and computer engineering, National Institute of Technology, Akashi College, Akashi, Japan c Mechanical engineering, National Institute of Technology, Akashi College, Akashi, Japan
8 Japan3	DEVELOPMENT AND EVALUATION OF ENGLISH TEACHING TEXTBOOKS FOR STUDENTS IN COLLEGES OF TECHNOLOGY	Kumiko OKAZAKI	Department of Liberal Arts, National Institute of Technology, Sendai College, Natori, Japan
8 Japan3	COOPERATIVE EDUCATIONAL PROJECTS BETWEEN NIT-NAGAOKA AND HIGHER EDUCATION INSTITUTIONS IN ASIA	Makoto Yamazaki*, a, Shouhei Yanoa and Susumu Nakamura a	a Department of Electrical and Electronic Systems Engineering, National Institute College of Technology, Nagaoka College, Nagaoka 940-8532, Japan
8 Japan3	USE OF VISUAL TEACHING MATERIALS AND COGNITIVE PROCESS IN EDUCATION	Hideaki Aburatani*, Kenta Kirimoto and Tsuyoshi Fukuzawa	Department of Electrical and Electronic Engineering, National Institute of Technology, Kitakyushu College
9 Other	TEACHING, LEARNING AND SHARING BASED WEB-LEARNING WITH EVFA	Enjang Ali Nurdin*,a, Aan Agustan. Bagus Aji Santosob	a Computer Science Education, Indonesia University of Education, Bandung, Indonesia b Computer Science Education, Indonesia University of Education, Bandung, Indonesia
9 Other	CURRICULA PRINCIPLES FOR NEXT GENERATION EXPERTS	J. Kontio	Faculty of Business, ICT and Life Sciences, Turku University of Applied Sciences, Turku, Finland

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9 Other	DEVELOPMENT OF MULTI-COLLABORATION-BASED VOCATIONAL EDUCATION SYSTEM: APPLIED BACHELOR PROGRAM OF MANAGEMENT AND MAINTENANCE OF HEAVY EQUIPMENT ENGINEERING	W. Sakarinto* and R. Krisnaputra	Department of Mechanical Engineering, Vocational College of Gadjah Mada University, Yogyakarta, Indonesia
9 Other	INTEGRATED VISUALIZATION, CHRONOLOGICAL SIMULATION, AND SMART ANALOGY (iVCSA) AS AN INNOVATIVE E-LEARNING MODEL FOR EDUCATION IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) FIELD	Drs. Mumu Komaro M.T., Rosdiana Heryanto Putra, Doni Dermawan	Department of Mechanical Engineering Education, Indonesia University of Education (UPI) Bandung, Indonesia
9 Other	ILT PEDAGOGY MENTORING – A CASE STUDY	P. Philpott	South Eastern Regional College, Bangor, Northern Ireland
9 Other	COMPUTER SCIENCE ENGLISH CLUB (CSEC) AS AN INTERACTIVE LEARNING FOR STUDENTS	Enjang Ali Nurdina. Heni Rusnayati *,b, Aan Agustan. Fikri Yandi Kurniawan. R Chandra Nh	a Computer Science Education, Indonesia University of Education, Bandung, Indonesia b Physics Education, Indonesia University of Education, Bandung, Indonesia c Computer Science Education, Indonesia University of Education, Bandung, Indonesia
9 Other	THE SEED OF EDUCATIONAL SYSTEM IN INDONESIA BASED ON THE UN (NATIONAL EXAMINATION) RESULT	Indo Upe A.*, Wahyuddin	English Department, Makassar Muhammadiyah University, Makassar, Indonesia
9 Other	AN INVESTIGATION OF TEACHERS' OPINION ON TEACHING DEVELOPMENT THROUGH PEER OBSERVATION OF THAI-NICHI INSTITUTE OF TECHNOLOGY	Asst. Prof. Anuwat Charoensuk	Faculty of Business Administration, Thai-Nichi Institute of Technology, Bangkok, Thailand