EDULEARN14 TABLE OF CONTENTS

ICT'S IMPORTANCE IN PRIMARY SCHOOLS - PARENTS AND STUDENTS' PERCEPTIONS	1
C. Ravasco, C. Brigas, C. Reis, C. Fonseca, J. Mateus, U. Cordeiro	
COMPUTATIONAL PEDAGOGY FOR PRESERVICE SCIENCE AND MATHEMATICS TEACHERS: SUMMER PROFESSIONAL DEVELOPMENT PROGRAM Y. Nam, P. Veronesi, O. Yasar	10
NEW EDUCATIONAL METHODOLOGIES APPLIED TO THE TEACHING OF ECONOMICS AND BUSINESS SCIENCES F.J. Blanco-Encomienda, E. Álvarez-Verdejo, P.J. Moya-Fernández, J.F. Muñoz-Rosas	11
F.J. Blanco-Encomental, E. Alourez-veraejo, F.J. Moga-Fernandez, J.F. Manoz-Rosas FOSTERING ACADEMIC COLLABORATION FOR QUALITY EDUCATION AND RESEARCH: THE ACADEMIS CASE C. Sgouropoulou, E. Triperina, A. Tsolakidis	16
QUANTITATIVE TECHNIQUES FOR THE STATISTICAL QUALITY CONTROL: ON EVALUATING STUDENTS WITH THE SOFTWARE R P.J. Moya-Fernández, J.F. Muñoz-Rosas, E. Álvarez-Verdejo, F.J. Blanco-Encomienda	27
ANALYSIS OF TECHNOPEDAGOGICAL KNOWLEDGE COMPETENCIES OF PROSPECTIVE TEACHERS AT EDUCATION FACULTIES A. Saban, M. Asikcan, V.B. Kibici, A. Saban	31
DEVELOPMENT OF A WEBPAGE FOR EXPERIMENTAL TEACHING IN MICROECONOMICS	32
I. Barreda-Tarrazona, A. Breaban, E. Camacho-Cuena, M.A. García-Gallego, M. Ginés-Vilar, A. Jaramillo-Gutiérrez, S. López-Ovejero, A. Morone, J.C. Pernías-Cerrillo, M.J. Ruíz-Martos, G. Sabater-Grande, T. Jaber-López	
FINANCING EDUCATIONAL RESEARCH R.A. Gómez Ortíz, L. Beltrán Lara, S. Pérez Lira	38
PROJECT BASED LEARNING OF AIRBORNE SOUND INSULATION N. García-López, M.J. Elejalde-García, E. Macho-Stadler	44
FACEBOOK AS AN ENVIRONMENT FOR LEARNING A FOREIGN LANGUAGE: THE POTENTIAL AND LIMITATIONS W.C. Hu	54
TEACHING AIDS, QUALITY DELIVERY, AND EFFECTIVE LEARNING OUTCOMES IN A NIGERIAN PRIVATE UNIVERSITY C. Ogbulogo, T. George, D. Olukanni	61
ACCREDITATION OF HIGHER EDUCATION IN KAZAKHSTAN: CURRENT TRENDS AND POLICIES S. Kerimkulova	69
TEACHING OF SOFTWARE TESTING AND QUALITY ISSUES B. Doersam	80
LEMON - LECTURE MONITORING USING STUDENT'S OWN DEVICES B. Doersam	89
USE OF SERVICE LEARNING IN AN OCCUPATIONAL THERAPY PROGRAM C. Goodwin	97
THE EDUCATIONAL ACCESSIBILITY AND INNOVATIVE ACTIVITY OF THE SCHOOL PRINCIPAL: CAN WE TALK ABOUT INTERRELATIONS? B. Janiunaite, V. Budreckiene	103
METADATA IN OPEN EDUCATIONAL RESOURCES WEBSITES: A REVIEW FROM THE PERSPECTIVE OF DISABLED USERS' REQUIREMENTS R. Navarrete, S. Luján-Mora	111
A PROPOSAL FOR PEDAGOGIC STRATEGIES AND ACTIVITIES THAT PROMOTE A CULTURE OF PEACE AND THE ABILITY TO SOLVE CONFLICTS IN VENEZUELAN EDUCATIONAL INSTITUTIONS M.A. Aguilar Párraga, N. Castañón Octavio	121
MODERN TENDENCIES IN TEACHING FOREIGN LANGUAGES: FROM A TRADITIONAL TASK TO A DIGITAL TASK E. Pleuchova, O. Klimchak	126
CONTRASTIVE ANALYSIS OF THE TEACHING CAREER AND THE PREPARATION AREA RELATED TO EDUCATION FOR PEACE AND CONFLICT SOLVING BETWEEN VENEZUELAN AND LATIN AMERICAN UNIVERSITIES N. Castañón Octavio, M.A. Aguilar Párraga	130

DIGITAL LEARNING ENVIRONMENT AND SUPPORT FOR ADULT LEARNERS S. Sirkemaa, H. Varpelaide	133
MATHEMATICS TEACHERS' KNOWLEDGE OF STUDENT THINKING AND ITS REFLECTIONS ON THEIR INSTRUCTION A. Özaltun, E. Bukova Güzel	138
ENHANCING CAREER DEVELOPMENT WITH ELECTRONIC RECRUITMENT S. Sirkemaa, H. Varpelaide	149
SOLVING MAZES AND PLOTTING BOX AND WHISKER GRAPHS AS TOOLS TO UNDERSTAND AND TO EVALUATE LEARNING F. Cordoba Garcia	153
FAMILY SCIENCE: ACTIVE PARTICIPATION OF PARENTS IN THE ACADEMIC SKILL DEVELOPMENT OF STUDENTS IN SCIENCE A. Elizondo-Herrera, L.A. Flores Guevara, Y. González Santos, C.G. Reynaga Peña, M.C. Moreno Gutiérrez	154
EDUCATIONAL LEADERSHIP – HOW HEADTEACHERS OF POLISH SCHOOLS UNDERSTAND LEADERSHIP R. Dorczak	160
SCHOOL ORGANIZATIONAL CULTURE AS AN IMPORTANT FACTOR OF STUDENT'S INDIVIDUAL DEVELOPMENT R. Dorczak	166
MOBLAB: A NEW TECHNOLOGY FOR RUNNING INTERACTIVE AND STRATEGIC GAMES IN SOCIAL SCIENCE CLASSES R. Bodsky	171
CHALLENGES OF VIRTUAL ENVIRONMENT IN EDUCATION E. Kovács, M. Antal, R. Király	179
STRENGTHS AND WEAKNESSES DETECTED IN THE EVALUATION OF THE FIRST EXPERIENCE OF EDUCAT 1X1 PROJECT IN CENTERS OF SECONDARY EDUCATION IN CATALONIA M.A. Prats Fernández, E.S. Ojando Pons, E. Rodríguez	186
KEY COMPETENCIES IN PRESCHOOL TEXT BOOKS. UTOPIA OR REALITY? J. Rodríguez Moreno, M.D. Molina Jaén, J.A. Callado Moreno, E. Pérez Navío	192
SOCIAL NETWORKS AND PARENT TEACHER MEETINGS: A QUESTION THAT CAN'T WAIT M.D. Molina Jaén, J. Rodríguez Moreno, J.A. Callado Moreno, E. Pérez Navío	202
AGILITY IN ONLINE PROGRAMME DESIGN: THE UNIVERSITY OF THE SOUTH PACIFIC EXPERIENCE A. Lesuma-Fatiaki, N. Narayan	213
EDUCATION FOR THE HEALTH: MANUAL OF SERVICE TO THE NEWBORN WITH GASTROSCHISIS IN AMAZONAS - BRAZIL F. Santos, T. Corrêa, S.B. Perdomo, M.N. Ribeiro, K. Barros	219
ENHANCING SUPPORT FOR FIRST YEAR UNDERGRADUATE FLEXIBLE LEARNING STUDENTS AT THE UNIVERSITY OF THE SOUTH PACIFIC E. Naqiolevu, A. Lesuma-Fatiaki	229
WIKI AS A TOOL FOR LEARNING THE ENGLISH LANGUAGE AND ITS IMPACT ON THE INTRINSIC MOTIVATION OF STUDENTS AT THE UNDERGRADUATE LEVEL M. Jovic, V. Stevanovic	239
AN OPEN ONLINE COURSE AS AN ACTION FOR THE URGENCY OF TRAINING ALL NATIONAL HEALTH PROFESSIONALS DUE TO AN OUTBREAK OF CHOLERA IN MEXICO: A QUESTIONABLE SUCCESS C. Rosas Magallanes, G. Calvillo Jacobo, L. Magaña Valladares	246
LEARNING ON THE CLOUD ABOUT CHANGES TO RURAL LANDSCAPE AND ARCGIS ONLINE I. Buzo Sánchez, R. De Miguel González, M.L. Lázaro y Torres	248
CREATIVITY, COLLABORATION, ASSESSMENT AND ACCOUNTABILITY IN THE ONLINE CLASSROOM: ONE MULTIFACETED PROJECT, THE PARENT NEWSLETTER J. Kutaka-Kennedy	256
SUBTERRANEAN STRUCTURES OF TECHNOLOGICAL TOOLS AND TEACHING ISSUES IN GEOMETRY L. Geeraerts, F. Venant, D. Tanguay	257
THE VOCATIONAL EDUCATION DROPOUTS IN THE BRAZILIAN FEDERAL INSTITUTES R. Dore, M. Amorim, P. Sales	265

EXPERIENCE OF UNIX TERMINAL-BASED LABS FOR UNDERGRADUATE MODULES ON POWER SYSTEM ANALYSIS F. Milano	268
SELECTION AND USE OF ICT RESOURCES FOR TEACHING SCIENCE. STUDY OF HIGH SCHOOL TEACHERS PEDAGOGIC-CURRICULAR BELIEFS AND PRACTICES S. Contreras Palma	278
PROFESSIONAL DEVELOPMENT IN THE DIGITAL SPACE: TRAIN THE TRAINER FOR UNIVERSITY-BASED LEARNING TECHNOLOGISTS J. Egan	287
THE ADAPT LMS: INTERACTIVE E-LEARNING WITH FUZZY LOGIC AND CBR E. Pratas, A. Gomes, V. Marques	293
THE ROLE OF PHOTO-REALISTIC AND CARTOON AVATARS IN A BLENDED- LEARNING ENVIRONMENT P. Craig, N. Roa Seiler, A. Benitez Saucedo, M. Martinez Diaz, J. Castañeda Santos, F. Lara Rosano	303
CHALLENGING THE LEARNING EXPERIENCE THROUGH INTERDISCIPLINARY PROJECTS H. Jenkins, M. Schaddelee	309
CAN WE BE ENTREPRENEURS IN OUR CLASSROOMS? V. Iyer, R. Martinez	315
APPLYING ACADEMAGOGY: THE TRANSFERENCE OF AN ORGANISED HEURISTIC TEACHING APPROACH TO THE DIGITAL REALM M. McAuliffe, A. Winter	316
SUSTAINABLE ASSESSMENT IN COOPERATIVE LEARNING J. Clark, T. Baker	325
E-LEARNING GOES GREEN: EXPERIENCES AND LESSONS IN MANAGING AN ONLINE COURSE FOR THE PUBLIC SECTOR J.L. Gervacio	334
THE ROLE OF WOMEN IN MEXICAN HIGHER EDUCATION M.G. Villaseñor Amézquita, L.R. Valero Berrospe, R.C. Sánchez Estrada	339
DETECTING ESL/EFL GRAMMATICAL ERRORS BASED ON N-GRAMS AND WEB RESOURCES M.C. Lee, J.W. Chang, L.C. Jade	345
HISTORY AND THE NEW MEDIA: TEACHING FORM FIVE HISTORY IN MALAYSIA: PROSPECTS AND CHALLENGES S.P. Yacob, R. Zainol, A.K. Ariffin Mohd Rus	352
DEVELOPMENT OF AN EDUCATIONAL BOOKLET FOR HIV VERTICAL TRANSMISSION PREVENTION: TECHNOLOGY FOR CARE A.C.M. Costa Lima, K. Bezerra, D. Souza, J. Rocha, M. Oriá	366
METHODOLOGY TO BUILD LEARNING OBJECTS USING SEMANTIC SIMILARITY MEASURES N. Machado García, C.I. Rodríguez Lohuiz, A. Montoyo Guijarro	374
DISTRIBUTED COGNITION-APPLIED SMART LEARNING ENVIRONMENT: DESIGN AND IMPLEMENTATION H. Kim, O. Yoon, J. Han, K. Nam	381
EVALUATION OF SEXUAL DYSFUNCTION IN WOMEN USING THE FEMALE SEXUAL FUNCTION INDEX (FSFI) D. Saboia, A.C.M. Araújo Chagas, A.R. Castelo, D.R. Evangelista, E. Santana Franco, M.O. Batista Oriá	382
STUDYING THE ROLE OF DYNAMIC VISUALIZATION IN LEARNING TRANSFORMATIONS OF FUNCTIONS J. Epperson, A. Byrns	390
THE TRANSITION FROM TRADITIONAL LECTURES TO BLENDED LEARNING: PILOTING OF AN E-LEARNING RESEARCH METHODS MODULE FOR POSTGRADUATE MEDICAL STUDENTS S. Ramklass	400
KVALUES PROJECT: A BRIDGE BETWEEN LIFELONG LEARNING AND NEW JOB OPPORTUNITIES A. Liguori, B. Tieri	405
APPLICATION OF GEOGRAPHIC INFORMATION SYSTEM (GIS) IN ENVIRONMENTAL SCIENCE AND SUSTAINABLE AGRICULTURE EDUCATION G. Ozbau, S. Sriharan, C. Fan, A. Prakash, F. San Juan	415

DEVELOPING CREATIVE AND CRITICAL THINKING FOCUSED ON ENGLISH COMMUNICATIVE ABILITY THROUGH PROJECT-BASED LEARNING FOR SCIENCE GIFTED LEARNERS Y.M. Kim	425
AN EDUCATIONAL MODEL TO IMPROVE COLLECTIVE INTELLIGENCE OF GROUPS J.M. Monguet, J. Meza	432
AN ANALYSIS OF VIOLA EDUCATION IN EDUCATION FACULTIES AT MUSIC DEPARTMENTS IN TURKEY V.B. Kibici, O. Kutluk	441
FOSTERING CREATIVITY AND COLLABORATION IN AN EXPERIENTIAL LEARNING COURSE FOR TRAVEL JOURNALISM AND COMMUNICATION F. Galatsopoulou, C. Kenterelidou	442
FACTORS INFLUENCING THE CHOICE OF PROFESSION AND EMPLOYMENT - CASE STUDY M.G. Chitu, R. Zăgan, I. Firsa, A.M. Gherasim, E. Manea	452
E-QUESTIONS EQUIPPED MEDICAL STUDENTS FOR SUMMATIVE ASSESSMENT AT THE UNIVERSITY OF THE WITWATERSRAND, SOUTH AFRICA S. Kerr, D. Muller, W. McKinon, P. Mc Inerney	461
SELF-LEARNING AND SHARED-ASSESSMENT MATERIALS ABOUT ANALYTICAL TECHNIQUES FOR ENVIRONMENTAL MONITORING M.I. Rodríguez-Cáceres, E. Pinilla Gil, M.I. Acedo Valenzuela	469
ENHANCEMENT OF SKILLS THROUGH AN OPTIONAL SUBJECT USING GOOGLE APPS M.I. Rodríguez-Cáceres, A. Romero González, T. Torrado Núñez, M. Palomino Vasco	476
AFFORDANCES OF IPAD TABLETS FOR SPECIAL NEEDS LEARNERS C. Redman, C. Jakab, K. Carlin	485
FROM LINEAR ALGEBRA TO GEOMETRIES: DIDACTIC PROPOSAL BASED ON THE ONTOSEMIOTIC APPROACH L. Sbitneva, N. Moreno Martínez, R. Valdez	496
THE NEW VERSION OF THE WEBSITE "THE SOUNDS OF CATALAN". GOALS, IMPROVEMENTS, PERSPECTIVES AND IMPACT C. Pons-Moll, J. Carrera-Sabaté, E. Blanco-Piñol, N. Gil-Bordes	505
CLASSES OF SPANISH AS A FOREIGN LANGUAGE IN A UNIVERSITY FOR RUSSIAN SPEAKERS FAMILIAR WITH ENGLISH T. Kolabinova, O. Palutina	514
CYBER TRAVELLING - EXCURSIONS INTO ONLINE LEARNING IN REMOTE INDIGENOUS COMMUNITIES IN AUSTRALIA B. Underwood	521
A HYBRID EDUCATIONAL PLATFORM BASED ON VIRTUAL WORLD FOR TEACHING SOLAR ENERGY I. Hatzilygeroudis, K. Kovas, F. Grivokostopoulou, Z. Palkova	522
THE NEXUS OF NAUTICAL SCIENCE RESEARCH PROJECTS AND EDUCATION AT THE ANTWERP MARITIME ACADEMY M. Vervoort, N. Pierré	531
EMBEDDING NOTIONS OF TEACHING-STUDENT-RESEARCH NEXUS: A CASE STUDY IN NAUTICAL SCIENCES M. Vervoort, N. Pierré	540
EX - ANTE EVALUATION IN THE INNOVATION OF EDUCATIONAL CURRICULUM L. Bulatovic, G. Bulatovic, O. Arsenijevic	547
RELATIONS AMONG SCHOOL STAFF M. Smak, K. Malinowska	556
THROUGH THEIR OWN WORDS: UNLOCKING THE MILITARY CAREER THROUGH METAPHORS E.M. Graur, A.M. Cozgarea	565
MULTIDISCIPLINARY PRACTICES FOR FIRST ENGINEERING LEVELS: COLLECTION AND MATHEMATICAL TREATMENT OF TOPOGRAPHIC DATA OBTAINED WITH ULTRASONIC TECHNIQUES J.V. Sánchez-Pérez, E. Checa Martínez, J. Marín Molina, M. Ferri García, J.M. Bravo Plana-Sala	573
USING DIGITAL CONTENT TO PROVIDE STUDENTS WITH VIRTUAL EXPERIENCES	582
IN AN ONLINE HISTORY OF THE BOOK COURSE L. Zach, S. Martin	

THE EDUCATION OF FUTURE TEACHERS OF MULTIMEDIA LITERACY IN SERBIA L. Bulatovic, G. Bulatovic, O. Arsenijevic	590
ADAPTIVE LEARNING MANAGEMENT SYSTEM TO SUPPORT AN INTELLIGENT TUTORING MODULE L. Dias, L. Faria, C. Martins, V. Marques, E. Pratas	598
CALLED TO LEAD: A LOOK AT THE EMPLOYMENT PROSPECTS OF DOCTORAL LEVEL GRADUATES IN RECOGNIZED ED.D. LEADERSHIP PROGRAMS L. Neiworth, J. Schmieder-Ramirez	608
THE WISDOM OF THE CLASS. A DESCRIPTION OF THE MAIN EDUCATIONAL DESIGN CHALLENGES RELATED TO STUDENTS COLLABORATION IN LARGE GROUPS IN TEACHER EDUCATION R.K. Baltzersen	618
BUILDING AN E-LEARNING SYSTEM IN TECHNICAL UNIVERSITY OF GABROVO, BULGARIA D. Genkov, V. Kesova	619
RENEWED MASTERLY LESSON. COMMUNICATION PROCESS' DYNAMIZATION IN CLASSROOM TEACHING PRESENTATIONS N. García de Frutos, R. Antolín-López, N. Pérez Valls	627
COMPETENCE ASSESSMENT OF HEALTHCARE LOGISTICIAN STUDENTS U. Kotonen, U. Tuominen	634
COMBINING COMPUTER AND CLASSROOM GAMES IN HIGHER EDUCATION M. Koivisto	644
ACADEMIC E-TEACHING QUALIFICATIONS IN GERMANY, AUSTRIA AND SWITZERLAND. DIFFERENT WAYS TO FIT ONE GOAL J. Riedel, L. Schlenker, T. Köhler	650
ARE 4TH GRADE UNIVERSITY STUDENTS COMPETENT IN ELABORATING FINAL DEGREE THESIS: RESULTS OF A SURVEY AMONGST TEACHER TRAINING STUDENTS R. Comas-Forgas, J. Sureda-Negre, M. Morey-Lopez, T. Mut-Amengual	658
VOICE DYSFUNCTION SELF-AWARENESS AND TREATMENT IN THE EDUCATION OF EDUCATORS AND STUDENTS AND THE IMPACT OF THE DIFFICULTIES ON THE EDUCATION PROCESS AND EDUCATORS PROFESSIONAL CAREER K. Vitásková, K. Jehličková, L. Šebková, T. Keprdová	659
A CONCEPTUAL MODEL OF LEARNING OPPORTUNITY H. Alballaa, A. Chikh	669
THE DEVELOPMENT OF A QUESTIONNAIRE ON METACOGNITION FOR STUDENTS IN SECONDARY SCHOOL A. La Marca	676
TEACHER TRAINING IN INTERNATIONAL PROJECT CO-OPERATION: EXPERIENCES FROM ADAPTYKES PROJECT U. Kotonen, M. Kuusisto, S. Csillag, M.L. Savonen	692
ANALYSIS OF RUBRIC ASSESSMENT APPLIED TO TWO CROSS-CURRICULAR COMPETENCIES IN FORESTRY DEGREE R. Bernabéu Cañete, F.R. López Serrano, M. Andrés Abellán, O. Botella Miralles, M.A. Copete Carreño, M.E. Lucas Borja, E. Martinez-García, J.A. Monreal Montoya, L. Pulido García, M. Selva Denia, J. Villén Altamirano, F.A. García Morote, D. Moya	701
CONTINUOUS ASSESSMENT TOOLS IN STATISTICS FOR SOCIAL SCIENCES: STUDENTS' VIEWS ON THEIR USE IN LEARNING M.T. Díaz, L. Molera	708
RUBRIC ASSESSMENT IN A COMPETENCY-BASED LEARNING APPLIED TO FORESTRY DEGREE D. Moya, M. Alvarez Ortí, M. Andrés Abellán, R. Bernabéu Cañete, O. Botella Miralles, D. Candel, M.A. Copete Carreño, P. Ferrandis, R. Gómez Ladrón de Guevara, J. González Piqueras, F.R. López Serrano, M.E. Lucas Borja, E. Martínez-García, J.A. Monreal Montoya, E. Orozco Bayo, L. Pulido García, M. Selva Denia, A. Tendero Lora, J. Villén Altamirano, F.A. García Morote	715
FACE-TO-FACE GROUP WORKING J.R. Villar	724
THE ATTITUDES OF MANAGEMENT AND BUSINESS STUDENTS TOWARDS THE STUDIES IN FACULTY OF ECONOMICS AT VILNIUS UNIVERSITY J. Martinavicius, R. Skyrius	733
MOBILE ACCESS MODULE FOR THE EXISTING LMS PLATFORM M. Biskupska, W. Borysewicz, G. Mazurkiewicz	742

THE POTENTIAL BENEFITS OF USING VIDEOS IN HIGHER EDUCATION I. Vieira, A.P. Lopes, F. Soares	750
IMPACT OF IMPLEMENTING A GRADES MANAGEMENT SYSTEM IN A PRIVATE UNIVERSITY IN UGANDA	757
C.R. Nagadya, P.I. Musasizi, C. Nassimbwa, E. Lugujjo, S.S. Tickodri-Togboa THE RUBRICS METHODOLOGY IN ASSESSING THE TRANSVERSAL COMPETENCES OF THE DEGREE FINAL PROJECT OF BUSINESS ADMINISTRATION AT THE BARCELONA UNIVERSITY P. Aparicio-Chueca, M. Dominguez-Amorós, I. Maestro-Yarza	765
REDESIGN OF A UNIVERSITY SUBJECT EVALUATION METHODOLOGY USING ONGOING ASSESSMENT METHODS C. Ulloa, M.A. Álvarez Feijoo, A. Suárez, G. Lareo, G. Rey	777
COMPARING THEORETICAL AND PRACTICAL KNOWLEDGE PILLS Y. Álvarez, C. Casqueiro, R. Maceiras, V. Alfonsín, C. Ulloa	783
INNOVATIONS IN MEDICAL BIOPHYSICAL EDUCATION AT THE UNIVERSITY OF VETERINARY MEDICINE AND PHARMACY IN KOŠICE, SLOVAKIA J. Stanicova, V. Verebova	791
IMPLEMENTATION OF DIDACTIC LEARNING UNITS IN HIGHER EDUCATION Y. Álvarez, V. Alfonsín, R. Maceiras, C. Casqueiro, M.E. Arce-Fariña	796
ROLES OF ONLINE TEACHERS AND COMPETENCIES FOR ONLINE TEACHING D. Turan Eroglu	801
EFFECTIVENESS OF COUNSELOR TRAINING PROGRAM FOR PRE-SERVICE TEACHERS H. Kim	802
PERCEPTION AND USE OF COMPUTER AND MOBILE PHONES TECHNOLOGIES AMONG VISUALLY IMPAIRED RESIDENTS OF LAGOS STATE, NIGERIA O. Sanni, S. Meshack	803
ROBOTICS AS A TOOL TO INTRODUCE ENGINEERING TO SECONDARY SCHOOL STUDENTS: HUMANOIDS VS. WHEELED ROBOTS A. Vazquez, F. Ramos, R. Fernandez, I. Payo, F. Castillo	813
GETTING IT RIGHT – THE USE OF TERMINOLOGICAL DEFINITIONS IN TEACHING ENGINEERING ENGLISH A.M. Cozgarea, E.M. Graur	824
DYNAMIZATION OF MARKET RESEARCH THEORETICAL LESSONS COMBINING NEW TEACHING METHODOLOGIES P. Monte, J.C. Fandos, V. Gallart	831
ENGLISH PROVERBS DYING A SLOW DEATH IN MALAYSIAN SCHOOLS M. Maniam	839
ADAPTIVE LEARNING SYSTEMS FOR A COMPETENCE-ENHANCING HUMAN-MACHINE INTERACTION J. Lemm, M. Loehrer, Y. Gloy, T. Gries	848
PRACTICAL SOCIAL CONSTRUCTION OF BLENDED LEARNING K. Fritzbøger, J. Balslev	851
THE ITEC WIDGET STORE - A STORE FOR HOSTING, DEPLOYING, CREATING AND ANNOTATING WEB BASED APPS K. Popat, D. Griffiths, M. Johnson	862
EXPERIENCES WITH UTILIZING HANDHELD DEVICES IN LANGUAGE CLASSROOMS T. Talmo, A. Myklebust	872
USING EVIDENCE CENTERED ASSESSMENT DESIGN FOR IMPLEMENTING CONTINUOUS AND COMPREHENSIVE EVALUATION IN THE CLASSROOM I. Bhaduri	879
CONCEPTUAL FRAMEWORK FOR SUPPORTING E-LEARNING SYSTEMS D. Al-Jumeily, A. Hussain, B. Al Lawatib, S. Crate	885
A QUESTION OF VALIDITY IN THE USE OF LARGE SCALE INTERNATIONAL ASSESSMENT STUDIES TO GAUGE THE NATIONAL LEARNING LEVELS I. Bhaduri	896
IMPACT OF THE EVALUATION TESTS LEAD-TIME ON THE ONGOING STUDENT ASSESSMENT G. Rey, C. Ulloa, A. Suárez, M.E. Arce-Fariña, G. Lareo	900

ADDRESSING EARLY SCHOOL LEAVING THROUGH SOCIAL NETWORKING SUPPORTIVE COMMUNITIES AND ACTIVITIES THAT FOSTER PARENT INVOLVEMENT IN SCHOOL COMMUNITY H. Tsalapatas, O. Heidmann, R. Alimisi, D. Koutsaftikis	907
A CONCEPTUAL FRAMEWORK FOR SUPPORTING GENDER-INCLUSIVITY IN GAMES: A DEVELOPMENT PROCESS R. Ibrahim	913
MY FIRST DIGITAL BOOK: A CASE STUDY ON 5-YEAR-OLD CHILDREN F. Akdag, S. Karadeniz, F. Shine Edizher, A. Tekiner Tolu	914
IMPROVEMENT OF QUALITY MANAGEMENT IN HIGH EDUCATION THROUGH KAIZEN 5S TECHNIQUE M.A. Álvarez Feijoo, M.E. Arce-Fariña, A. Suárez, Y. Álvarez, R. Maceiras	915
INTEGRATION BY STUDENTS IN CONTEMPORARY SOCIETY N. Wesseling	921
WHY OPEN EDUCATIONAL RESOURCES REPOSITORIES FAIL - REVIEW OF QUALITY ASSURANCE APPROACHES K. Clements, J. Pawlowski, N. Manouselis	929
DO STUDENTS IN HIGHER EDUCATION KNOW THE REAL MEANING OF PLAGIARISM? J. Gonçalves, B. Santos, P. Almeida	940
ADOPTION OF COMPUTER ASSISTED LANGUAGE LEARNING SOFTWARE AMONG NIGERIAN SECONDARY SCHOOLS' STUDENTS G. Adejumo, O. Abioye, M. Tar, T. Anake	950
HOW TO ASSESS COMMUNICATION SKILLS IN PEDIATRIC DENTISTRY? J. de Nova García, G. Feijóo García, N. Gallardo López, R. Mourelle Martínez, A. Caleya Zambrano, M. Diéguez Pérez, G. Saavedra Marbán, C. González Aranda	956
MOBILITY IN A BINARY THREE LEVEL EDUCATION SYSTEM: CASE STUDY OF CROATIA J. Havranek, M. Grubisic	964
LEARNING TO COPE WITH STREET DANGERS: AN INTERACTIVE ENVIRONMENT FOR THE INTELLECTUALLY IMPAIRED L. Freina, M. Busi, A. Canessa, I. Caponetto, M. Ott	972
PLANNING, PREPARATION AND ANALYSIS OF RESULTS OF THE IMPLEMENTATION OF EDUCATIONAL SEMINARS BASED ON COLLABORATIVE LEARNING IN THE 4TH YEAR OF THE DEGREE IN INDUSTRIAL ENGINEERING FROM CUD-MARÍN G. Lareo Calviño, G. Rey, C. Casqueiro, M.A. Álvarez Feijoo, V. Alfonsín	981
THE EVALUATION OF PRIMARY TEACHER CANDIDATES' QUESTIONING SKILLS IN THE ASSESSMENT PROCESS OF READING COMPREHENSION M. Asikcan, G. Pilten	986
THE REALITY OF INDUSTRIAL RESEARCH APPLIED TO EXPERIMENTAL SCIENTIFIC STUDIES J. Pinto, E. Solórzano, M.A. Rodriguez-Perez	987
THE CHALLENGE OF INCORPORATING STUDENTS IN SCIENTIFIC-TECHNICAL RESEARCH: STRATEGIES FOR MOTIVATION AND INTEGRATION E. Solórzano, J. Pinto, M.A. Rodriguez-Perez	995
DESIGN, IMPLEMENTATION AND EVALUATION OF TWITTER-BASED COURSE SUPPORT SYSTEM CONSIDERING RELATEDNESS NEEDS H. Hisamatsu, T. Hatanaka	996
AN ACADEMIC COMPETITION TO ENHANCE STUDENTS' PERFORMANCE IN THE CLASSROOM P.J. Moreno, C. Puentes, E. Ferrándiz León, E. Flores Varo, M. Acosta, D. Coronado	1002
THE WAY OF INTERNATIONAL LEARNERS OF ENGLISH TO CARRY OUT THE ACTIVITIES IN SCAFFOLDED E-LEARNING ENVIRONMENTS S. Meri	1011
PEER'S CONTRIBUTION TO GROUP WORK: WHAT IT MEANS TO STUDENTS J. Chattratichart	1018
THE IMPACT OF INTELLECTUAL CAPITAL ON THE ORGANIZATION'S PERFORMANCE	1028
E. Muscalu, A. Stanit, M.L. Constantinescu	

THE ROLE OF COMPENSATORY METHODOLOGIES AND ASSISTIVE TECHNOLOGIES IN FOREIGN LANGUAGE ACQUISITION BY DYSLEXIC ACADEMIC STUDENTS D. Peppoloni	1037
SOCIAL NETWORK AND WEBSITES AS MEANS OF FAVORING COOPERATION BETWEEN YOUTHS M. Tessarolo, E. Bordon	1048
AN OCW INITIATIVE AT THE UNIVERSITY OF JAÉN R.M. Fernández, A.M. Martínez, M.J. Olmo, A. Oya, R. Caballero	1056
MULTIMODAL ANALYSIS OF ITALIAN L2 TEACHER/STUDENTS CLASSROOM INTERACTION AT UNIVERSITY: THE ROLE OF NON-VERBAL COMMUNICATION IN BUILDING KNOWLEDGE D. Peppoloni	1060
EVALUATION OF A VLE INTERFACE FOR WEB 2.0 B. Wilges, S. Modesto Nassar, G. Pereira Mateus, R. Cislaghi	1071
INFORMATICS – A CHILD'S PLAY?! B. Sabitzer, S. Pasterk, E. Reçi	1081
HOW CAN VIDEOS HELP ACHIEVE EDUCATIONAL OBJECTIVES? M. Burget, M. Pedaste, K. Ugur, E. Lõhmus	1091
IMMIGRANT PERSPECTIVES ON LANGUAGE LEARNING IN SWEDEN: PROSPECTS AND CHALLENGES E. Nweze	1097
THE DEVELOPMENT OF REALISTIC VOCATIONAL PROJECTS: STUDY OF ANGOLAN STUDENTS IN PORTUGAL L. Faria, J. Carneiro Pinto, N. Loureiro	1106
MATH EXPLORE: A HIGH-FIDELITY GAME PROTOTYPE FOR LEARNING MATHEMATICS R. Ibrahim	1107
CO-LEARNING OF ENGLISH AND KAZAKH LANGUAGES IN PAVLODAR REGION, KAZAKHSTAN G. Moldakhmetova, Z. Mazhit, K. Aitmukhametova	1108
ONLINE LEARNING PROCESS - ENHANCING QUALITY OF MANAGEMENT EDUCATION THROUGH INFUSION AND DIFFUSION PROCESSES - A CASE STUDY C. Ramakrishnan, V. Priyadarshini	1115
DOES TETRIS TRAINING IMPROVE SPATIAL ANATOMY TASK SCORES AND AID ANATOMY COMPREHENSION? M. Johnson, L. Labranche, J. DeGuzman, N. Nguyen	1124
E-DIFFUSION IN TEACHING AND LEARNING AT THE UNIVERSITY OF BOTSWANA: A PRACTITIONER'S PERCEPTION O. Oladokun	1125
COMBINING MOOC METHODS AND BLENDED LEARNING FOR AN INTRODUCTORY PROGRAMMING COURSE FOR ELECTRICAL ENGINEERS M. Ebert, W. Haupt	1134
ONLINE PORTAL FOR SUPPORTING SOCIAL INCLUSION OF PEOPLE WITH DYSLEXIA Z. Egozi	1144
AN APPROACH TO PUBLISHING SCIENTIFIC DATA OF OPEN-ACCESS JOURNALS USING LINKED DATA TECHNOLOGIES M. Hallo, S. Luján-Mora, C. Chávez	1145
A PROJECT-WEEK CHALLENGE AS AN AID TO STUDENT ENGAGEMENT AND UNDERSTANDING P. Willmot, A. Sutton	1154
AN APPLICATION OF BLENDED AND COLLABORATIVE LEARNING IN SPATIAL PLANNING COURSE D. Wróblewska, R. Okraszewska, A. Janowski	1164
SUPPORTING DISTANCE STUDENTS: POSSIBILITIES OF E-LEARNING SYSTEMS R. Bílková, H. Kopáčková	1172
FACULTY PERCEPTIONS OF STUDENTS' CORE COMPETENCIES IN HIGHER EDUCATION: BASED ON THE ANALYSIS OF IMPORTANCE AND PERFORMANCE Y.K. Kim, H.D. Song	1181

M-LEARNING: A NOVEL METHODOLOGY FOR TEACHING AND LEARNING AT THE UNIVERSITY	1182
R.M. Ferrer-Martín, M.R. Sepúlveda Justo, F.J. Reyes Zurita, M. Medina-O'Donnell, A. Pérez-Jiménez, C.E. Trenzado, E.E. Rufino-Palomares	
FEAR AND DESIRE ACROSS THE DIVIDE OF DIFFERENCE: A VIDEOGRAPHY-BASED IMPLEMENTATION OF HERBERT KELMAN'S INTERACTIVE PROBLEM-SOLVING WORKSHOPS S. Gubbay Helfer	1186
SERIOUS GAME DEVELOPMENT FOR EDUCATORS - A SERIOUS GAME LOGIC AND STRUCTURE MODELING LANGUAGE N. Thillainathan, J.M. Leimeister	1196
NOVEL TOOLS FOR CONTINUOUS EVALUATION IN UNIVERSITARY STUDIES R.M. Martín-Ferrer, M.R. Sepúlveda Justo, F.J. Reyes Zurita, M. Medina-O'Donnell, A. Pérez-Jiménez, C.E. Trenzado, E.E. Rufino-Palomares	1207
EMBEDDING WEB-BASED GEOGRAPHIC INFORMATION SYSTEM (WEB-BASED GIS) IN TEACHING AND LEARNING OF HISTORY R. Zainol, S.P. Yacob	1211
COLLEGE STUDENTS' SATISFACTIONS AND PERCEPTIONS ABOUT LEARNING ACHIEVEMENT ON PEER TUTORING PROGRAM Y.K. Kim, H.D. Song, S. Shin, J. Lee, J. Hong	1217
INTERCULTURAL EDUCATION THROUGH THE POSTCOLONIAL LENS R. Baldonado Eder, M. Tabuenca-Cuevas, G. Abermann, C. Tigerstedt	1218
A DESIGN COMPETITION SCENARIO TO UNDERSTAND THE CLIENT-CONSULTANT RELATIONSHIP P. Lalande	1228
PRIMARY SCHOOL TEACHER TYPOLOGY ACCORDING TO THE LEVEL OF ICT IMPLEMENTATION IN TEACHING MATHEMATICS M. Uhlířová	1238
A CASE STUDY: LEARNING EXPERIENCES OF PROSPECTIVE TEACHERS IN A DIGITAL STORYTELLING TOOL CALLED TOONDOO N. Yılmaz, E. Kayabaşı, A. Fidan	1246
ASSESSMENT FOR ENHANCING OR INHIBITING THE STUDENTS' WRITING ABILITIES? A. Chami, A. Zenagui, M. Dib, O. Boucheta, A. Baraka	1253
E-ASSESSING LEARNING OUTCOMES: PROPOSAL FOR A PRACTICAL TOOL – TALOE A. Soeiro, R. Falcao	1266
PROBLEMS AND PERSPECTIVES OF ADVERTISING TEXTS INTRODUCTION IN THE SECOND LANGUAGE CLASSROOM L. Gazizova	1270
EXPERIENCE API VS SCORM – HOW XAPI BENEFITS TECHNOLOGY-ENHANCED LEARNING N. Mueller, D. Dikke, D. Dahrendorf	1276
WIKI AS A TOOL FOR PUBLISHING AND SHARING. BOOK REVIEWS IN A PROFESSIONAL DEVELOPMENT PROGRAMME FOR TEACHERS I.B. Log, E. Michaelsen	1285
DIGITAL MAGAZINE CHAPINGO SCIENCES; A PROPOSAL FOR SUPPORTING SCIENTIFIC CULTURE WITH DIGITAL MOODLE SUPPORT IN PHYSICS AREA J. Torres-Montealbán	1293
C-CAMPUS: A PILOT STUDY ON CROSS-CULTURAL AND MULTI-DISCIPLINARY LEARNING V. Shreenath, S. Meijer, R. Wyss, N. Kringos	1296
EDUCATIONAL MULTIMEDIA APPLIED TO THE INTERACTIVE NONFICTION AREA. USING INTERACTIVE DOCUMENTARY AS A MODEL FOR LEARNING A. Gifreu-Castells, V. Moreno	1306
UNDERSTANDING TASK-BASED INTERACTION IN HUMAN-COMPUTER INTERACTION: LEARNING SPANISH AS A FOREIGN LANGUAGE IN A DIGITAL KITCHEN D. Magate, M. Lugularie, L. Albinos	1316
D. Masats, M. Juanhuix, J. Albines NEW LEARNING USING INTERACTIVE PLATFORMS CREATED BY STUDENTS. CASE STUDIES PRODUCED AS FINAL DEGREE PROJECTS AT THE UNIVERSITY OF VIC- CENTRAL UNIVERSITY OF CATALONIA A. Gifreu-Castells. R. Lagoniero	1317

THE LION PROJECT: HOW TO SET UP INTEGRATED E-PORTFOLIO ON LIVING, WORKING AND LEARNING IN WORK WITH NEET GROUPS I. Pizzo	1327
BLENDED LEARNING MODEL FOR COLLECTIVE CREATIVITY SKILLS DEVELOPMENT R. Strazdas, J. Cerneviciute	1333
A COMPARISON BETWEEN TWO SIMULATION GAMES DESIGNED FOR FOSTERING ENTREPRENEURSHIP J. Pando García, I. Periañez Cañadillas, N. Peña Miguel	1342
ADAPTATION OF CULTURAL INTELLIGENCE SCALE INTO TURKISH: THE VALIDITY AND RELIABILITY STUDY G. Arastaman	1351
QUANTIFICATION OF CULTURE USING ANALYTICAL HIERARCHICAL PROCESS: COMPARISON OF MODELS D. Acosta Escorcia, E. Vera Mercado, C. Peña de Carrillo, G. Carrillo Caicedo, J. Gómez	1352
DESIGN AND IMPLEMENTATION OF A VIRTUAL COMPUTING ENVIRONMENT FOR SCHOOLS AND OFFICES A. Atayero, A. Alatishe, O. Owoade	1362
VOCATIONAL ERGONOMICS SKILLS IN HUMAN ROBOT COLLABORATION L. O'Sullivan	1370
INFLUENCE OF THE STUDENT'S PERSONAL CHARACTERISTICS ON ITS ACADEMIC PERFORMANCE	1374
J. Rodrigo-Alarcón, A. Martínez-Pérez, M.D. Elche-Hortelano, P. Ruiz-Palomino, R. Martínez-Cañas STUDYING THE USE OF DIGITAL TECHNOLOGIES IN THE CHILD DEVELOPMENT LEARNING AND EVALUATION PROCESSES D. Kostrub, E. Severini, K. Mahrer-Milovcikova	1381
THE COMPETENCY OF UNDERSTANDING DIVERSITY, SENSITIVITY TO VARIOUS NEEDS, INDIVIDUAL DEVELOPMENTAL NEEDS AND POSSIBILITIES AS REFLECTED IN HEAD TEACHERS' OPINIONS J. Trzópek	1396
STUDENTS DESIGNING ONLINE GAMES FOR ACTIVE LEARNING SESSIONS IN CHEMISTRY COURSES B.P. Eklund, J.W. Inhofer, J.D. Greenwood, O. Mohamed, P.L. Larsen, X. Prat-Resina	1401
LEARNING WITH TABLET-CLOUD SYSTEMS IN ELEMENTARY SCIENCE EDUCATION C. Max, J.Y. Song	1408
ONLINE DEPLOYMENT OF E-SIWES PORTAL FOR STUDENTS' INDUSTRIAL WORK EXPERIENCE SCHEME MANAGEMENT IN COVENANT UNIVERSITY E. Adetiba, V.O. Matthews, V. Egunjobi	1419
THE DEVELOPMENT OF INSTRUCTIONAL MODEL FOR A TEAM-BASED LEARNING FOR UNIVERSITY LARGE CLASSROOMS J. Lee, J. Hong, H.D. Song	1425
RESEARCH ON POLISH SCHOOL PRINCIPALS – SELF EVALUATION OF LEADERSHIP COMPETENCIES J. Trzópek	1426
TEACHING AND LEARNING IN ENGLISH IN HIGHER EDUCATION: A LITERATURE REVIEW M. Kremer, M. Valcke	1430
INTEGRATED PROJECT OF AGRICULTURAL WASTE PROCESSING FOR PACKAGING PAPER MANUFACTURING M. Clarà, A.M. Jiménez, Q. Tarrés, M. Delgado-Aguilar	1442
PLAYING FOR HIGH STAKES; FINDINGS FROM THE IRISH NEIGHBOURHOOD PLAY RESEARCH PROJECT AND THEIR IMPLICATIONS FOR EDUCATION D. O'Connor, M. McCormack, P. MacLaughlin, J. Angus, V. O'Rourke	1446
A REFLECTIVE TEACHER IS AN EFFECTIVE TEACHER: WHAT EARLY CHILDHOOD EDUCATORS CAN DO TO STAY CURRENT AND ON TOP OF THEIR GAME Q. Tan	1455
EXPERIMENTAL RESEARCH IN ONLINE COUNSELING COURSES: EXAMINING STUDENTS' SKILL DEVELOPMENT G. Cicco	1458
ENTREPRENEURSHIP IN ACTION AND BLENDED LEARNING P. Berg, K. Fritzbøger	1463

DESIGN OF A LABORATORY PRACTICE FOR ENERGETIC VALORIZATION OF WINERY WASTES	1474
J.C. Dominguez, R. Miranda, M. Oliet, M.V. Alonso, Y. Madrid, M.T. Perez-Corona, P. Garcia, F.J. Fernandez Morales	
THE CHALLENGES OF HEALTH REFORM AND SIMULATED HEALTH MANAGEMENT EDUCATION I. Edwards, D. Mitchell	1484
ADAPTIVE TRAINING IN WEB-BASED SERVICES E. Benetti, C. De Castro	1492
LIFELONG LEARNING COMPETENCIES OF PROSPECTIVE ELT TEACHERS Y. Savuran	1498
STRATEGIES TO DEVELOP GAMES FOR CHANGE: CITIZENSHIP EDUCATION A. Teles Vieira	1507
RESULTS OF A PROJECT FOR DEVELOPMENT AND SUPPORT OF PHD STUDENTS AND YOUNG SCIENTISTS IN THE FIELD OF VIRTUAL ENGINEERING AND INDUSTRIAL TECHNOLOGIES Y. Stoyanova, I. Yankova, A. Dimitrova	1514
THE CHALLENGES OF E-LEARNING FOR ALBANIAN SOCIAL SCIENCES: THE CASE OF INTERNATIONAL RELATIONS AND POLITICAL SCIENCE COURSES IN UNIVERSITY EDUCATION E. Hide	1522
LET'S BE A RESEARCHER IN ECOLOGY! AN INTERNATIONAL E-LEARNING GAME F. Sangiorgio, C. Lorenzi, N. Fiore, S. Montinaro, T. Connolly, J. Josephson, A. Rodrigues, V. Quintino, U. Hoppe, K. Ulbrich, S. Klotz, R. Varcin, A. Basset	1528
ENRICHING LECTURES IN HIGHER EDUCATION BY USING MOBILE DEVICES O. Herden	1534
TEACHING ADVANCED COMPUTER PROGRAMMING TOPICS USING AN AUTOMATIC VALIDATION TOOL: CHALLENGES AND SOLUTIONS M. Rodrigues, F. Marques, C. Martins	1541
AN INVESTIGATION INTO STUDENTS' PERCEPTIONS AND LECTURERS' PERCEPTIONS OF A VIRTUAL LEARNING ENVIRONMENT P. Borwarnginn, A. Tate	1548
WE ARE ALL EDUCATORSOR ARE WE? CHANGES IN PERCEPTIONS OF THE CHILDCARE SECTOR BY AUSTRALIAN PRE-SERVICE TEACHERS FOLLOWING PROFESSIONAL EXPOSURE TO EDUCATIONAL PRACTICE WITHIN CHILDCARE SETTINGS D. O'Connor, C. McGunnigle, T. Treasure, S. Davie	1555
WEB 2.0 TECHNOLOGIES IN THE TRANSLATOR TRAINING: AULAINT M.D. Olvera-Lobo, J. Gutiérrez-Artacho	1562
MAKING MOOCS (IN)CREDIBLE – HOW ACCREDITATION IS KEY TO MOOC SUCCESS ACROSS EUROPE M. Poyiadgi	1570
ECOLOGICACUP: AN INNOVATIVE TOOL TO TEACH ECOLOGY IN THE HIGH SCHOOLS F. Sangiorgio, C. Lorenzi, N. Fiore, S. Montinaro, A. Basset	1573
CHALLENGES OF DESIGNING AN UNDERGRADUATE DEGREE FOR AN EMERGING DISCIPLINARY FIELD F. Giménez, E. Santamaria, C. Sigalés	1579
RELEVANCE OF MANUAL DRAFTING IN DESIGN STUDIO EDUCATION IN NIGERIA: COVENANT UNIVERSITY ARCHITECTURE STUDENTS PERSPECTIVE O. Alagbe, P. Aderonmu, A. Opoko, A. Oluwatayo, O. Dare-Abel	1588
THE ROLE OF WORK PLACEMENT, ITS PREPARATION AND ASSESSMENT IN ENHANCING STUDENT LEARNING AND GRADUATE EMPLOYABILITY: A CASE EXAMPLE OF AN UNDERGRADUATE LOGISTICS AND SUPPLY CHAIN DEGREE M. Farrell, C. Wagner	1595
EFFECT OF CONCEPT MAPPING AND PEER TUTORING INSTRUCTIONAL STRATEGIES ON LEARNING OUTCOMES OF STUDENTS IN CHEMISTRY O. Agboola	1606
METHODOLOGY TO CARRY OUT SENSITIVITY ANALYSIS THROUGH FRIENDLY TOOLS FOR ITS USE IN PRACTICES OF BUILDING SIMULATION A Cacabelos M. F. Arce-Fariña C. M. Míouez-Alparez, I.I. Míouez Tabarés	1607

AN EVALUATION OF THE AUTOMATICALLY GENERATED MULTIPLE-CHOICE QUESTIONS M. Cubric, M. Tosic	1613
DESIGN OF A SPECIFIC RUBRIC FOR THE EVALUATION OF LABORATORY WORK IN A MATERIALS CHEMISTRY COURSE J. Díaz, G. Silvero, M.J. Arévalo Caballero, I. López-Coca	1614
EVALUATING THE GAP BETWEEN OVERT AND OPERATIONAL CURRICULUM IN ARCHITECTURAL EDUCATION: IMPLICATION FOR PROFESSIONAL PRACTICE P. Aderonmu, O. Alagbe, A. Opoko, A. Oluwatayo, T. Alagbe	1619
CURRICULUM DEVELOPMENT FOR ENHANCING THE TECHNOLOGY COMMERCIALIZATION PLANNING IMAGINATION CAPABILITY C.Y. Huang	1626
FOSTERING E-LEARNING FOR IT WORKPLACE TRAINING WITH WEBINAR EVENTS A. Baumann	1627
FUEL-BASED MATERIALS SUBSTITUTION BY STARCH COMPOSITES REINFORCED WITH BAGASSE FIBRES. A PROBLEM-BASED LEARNING EXPERIENCE A.M. Jiménez, L. Granda, M. Clarà, M. Delgado-Aguilar	1628
A NEED ANALYSIS FOR COLLEGE STUDENT'S LEARNING SKILL WITH IPA J. Hong, H.D. Song	1634
ENTRY QUALIFICATIONS AND ACADEMIC PERFORMANCE OF ARCHITECTURE STUDENTS IN BUILDING STRUCTURES A. Opoko, O. Alagbe, P. Aderonmu, I. Ezema, A. Oluwatayo	1635
APPLICATION OF A TEACHING STRATEGY FOR THE UNDERSTANDING OF GEOMETRICAL OPTICS IN OPTICAL INSTRUMENTS AT HIGH-SCHOOL LEVEL G. Rodriguez-Morales, J. Ruiz-Mendoza, N. Alvarez-Aguilar	1642
WHAT DO PROFESSORS OF INITIAL TEACHING TRAINING PROGRAMS BELIEVE AND DO CONCERNING DIGITAL TECHNOLOGIES? J. Garrido-Miranda, V. Haas, S. Pino	1651
THE SCIENTIFIC RESEARCH GAME: MOODLE AS A GAME BASED PLATFORM AND A SOCIAL COMMUNITY SYSTEM N. Fiore, S. Montinaro, F. Sangiorgio, C. Lorenzi, A. Basset	1659
THE QUEST FOR AN ASSESSMENT METHODOLOGY FOR THE LABORATORY WORK OF A UNIVERSITY CHEMISTRY COURSE: A THREE-YEAR CASE STUDY M.J. Arevalo Caballero, I. López-Coca, J. Díaz, G. Silvero	1667
GENDER STEREOTYPES INTERNALIZATION IN VOCATIONAL TRAINING STUDENTS M.J. Mosteiro García, A.M. Porto Castro	1674
DEVELOPING HORIZONTAL COMPETENCES IN THE FIRST TWO YEARS OF AN ELECTRONIC ENGINEERING DEGREE: A PILOT EXPERIENCE N. Otegi, A. Varona, J. Portilla, A. Anakabe, L.J. Rodriguez-Fuentes, J. Jugo, I. Lizarraga	1682
RECOMMENDATION SYSTEMS USING LEARNING ANALYTICS FOR CURRICULUM DEVELOPMENT AND STUDENTS PROGRESS OPTIMIZATION A. Baumann, L. Reeh	1691
EMOTION MONITORING ONLINE SYSTEM - EMOSYS J. Murray	1694
LINKED OPEN DATA AND RESEARCH KNOWLEDGE MANAGEMENT: AN EXPLORATORY SEARCH AND VISUALIZATION FRAMEWORK P. Mechant, M. Van Compernolle, A. Dimou, L. De Vocht, L. De Marez	1695
EXPLORING RESEARCHERS' DISCOURSES ABOUT PRODUCING, DISSEMINATING AND EVALUATING SCIENTIFIC INFORMATION ON THE WEB. THE CASE OF BIOMEDICAL SCIENCES J.E. Raffaghelli, S. Valla, S. Cucchiara, A. Giglio, D. Persico	1701
DOES EDUCATION CONTRIBUTE TO 'DESIRABLE' STRUCTURAL CHANGE IN LABOUR MARKET IN LATVIA? EXPERIENCE OF REGIONAL POLICY AND SEARCHING FOR INNOVATIVE TRENDS V. Šipilova	1712
AN INVESTIGATION OF THE IMPACT OF STUDENT SUPPORT INITIATIVES ON THE RETENTION OF COMPUTER SCIENCE STUDENTS C. O'Donnell, J. Murphy, A. Mahdi, M. English	1721

USE OF A B-LEARNING STRATEGY AS A TRANSFORMING ELEMENT IN ADOPTING QUALITY AND PATIENT SAFETY CENTERED PRACTICES IN EPIDEMIOLOGIC HEALTH SURVEILLANCE PROGRAMS IN COLOMBIA E.M. Martinez-Sanchez, A.O. Garcia-Vega, M.L. Cardenas-Muñoz	1728
USE OF E-LEARNING AND B-LEARNING APPROACHES IN THE PHARMACOLOGY COURSES AS A TEACHING STRATEGY WITHIN THE MEDICAL CURRICULUM A.O. Garcia-Vega, E.M. Martinez-Sanchez, F. Chavarro-Bermeo	1733
ON THE DEVELOPMENT OF AN OPEN-SOURCE SYSTEM FOR INTRODUCING GAMIFICATION IN HIGHER EDUCATION K. Jassem, B. Piskadło	1739
USING SOCIAL NETWORKS TO TEACH CHEMISTRY M. Varela, J.P. Leal	1748
CROSS-CLASS ONLINE TALKS: LEARNING BEYOND CLASSROOM WALLS S. Sofkova Hashemi	1754
SURVEY RESULTS OBTAINED BY THE STUDENTS FOR THE "FUNDAMENTALS OF MATERIALS" SUBJECT DURING 2013-2014 ACADEMIC YEAR J. Gadea, A. Rodríguez, C. Junco, V. Calderón, S. Gutiérrez	1755
USING WEB BASED INNOVATIVE TECHNOLOGIES TO CREATIVELY SUPPORT UNDERGRADUATE STUDENT LEARNING: THE CREATION OF A LEARNING RESOURCE USING ARTICULATE STORYLINE TM AND WORDPRESS TM J. Jepson	1762
DISCOVERING AND USING THE CONTEXT OF DISTANCE LEARNING ACTIVITIES FOR THE DEVELOPMENT OF PERVASIVE LEARNING TOOLS E. Lagiou, A. Komninos, J. Garofalakis	1770
GAMES AND THE LEARNING OF MATHEMATICS OUTSIDE THE CLASSROOM H. Rocha	1781
LECTURERS' EXPERIENCES AND PERCEPTIONS OF THE TRANSITION FROM TRADITIONAL TAUGHT COURSES TO AN ONLINE (INTERNET) ENVIRONMENT UTILISING TECHNOLOGY ENHANCED LEARNING J. Jepson, A. Dewey, P. Delf	1791
A MULTIMEDIA APPLICATION FOR THE TEACHING OF THE MODULE "WATER" A. Thysiadou, S. Christoforidis, P. Jiannakoudakis	1803
CREATING FUTURE-FIT LEADERS: TOWARDS FORMALISING SERVICE LEARNING IN UNIVERSITY PROGRAMMES S. Taylor, J. Spowart	1813
MEANING-MAKING AND COMMUNICATION IN VIRTUAL NORDIC CLASSROOMS: TRANSMEDIATION IN CROSS-BORDER UNDERSTANDING S. Sofkova Hashemi	1820
THE USEFULNESS OF EDUCATIONAL TELEMENTORING IN LAPAROSCOPIC SURGERY F. Fuertes-Guiro, M. Girabent-Farres	1831
IMPROVING THE QUALITY OF EDUCATION THROUGH THE IMPLEMENTATION OF THE DIPLOMAS AND GROUP PROJECTS DURING ENGINEERING STUDIES IN COOPERATION WITH EMPLOYERS A. Janowski, A. Jurkowska, M. Przyborski, A. Sobieraj, J. Szulwic, D. Wróblewska, B. Wieczorek	1837
DIFFERENTIAL ITEM FUNCTIONING ANALYSIS TO DETECT TESTING INSTRUMENTS' DIMENSIONALITY. SOME EMPIRICAL EVIDENCE FROM ITALY BY CARRYING OUT A GENDER-BASED INVESTIGATION C. Cascella	1844
CHALLENGES OF TEAM WORK ASSESSMENT IN HEI A. Guilland, P. Harmoinen, A. Saloranta	1850
MOVING SIMULATION OUT OF THE LAB AND INTO MAINSTREAM NURSING EDUCATION PRACTICES S. Coffey, L. Graham, A. de la Rocha, D. Chorney, K. Cummings, E. Papaconstantinou, S. Mairs, H. Zitzelsberger, E. Vogel, S. Sproul	1859
DIALOGUE BETWEEN THE TECHNICAL-SCIENTIFIC AND POPULAR KNOWLEDGE M.N. Souza Ribeiro, J.H. Souza Ribeiro, S.K. da Silva Fonseca, F. Costa Campos, C. Xavier Diniz, F. Farias de Castro, S. Barboza Perdomo	1860
MATHEMATICS TEACHING IN EDUCATION AND TRAINING COURSES H. Rocha	1866

THE DEVELOPMENT OF LEARNING TECHNOLOGIES AND NEW MODELS THEY ENABLE IN FOREIGN LANGUAGES STUDIES IN RUSSIA S. Khromov, E.V. Zhdanova	1874
EDUCATION AND CONTROL OF DENGUE FEVER: AN ACTION BETWEEN UNIVERSITY AND COMMUNITY M.N. Souza Ribeiro, J.H. Souza Ribeiro, A.C. Sampaio Roque, C. Xavier Diniz, S.B. Perdomo, F. Farias de Castro	1878
TRAINING LEGAL TRANSLATORS-TO BE AS RESEARCHERS: LET'S GO TO THE CLOUD A. Atabekova	1883
DISCOVERY-BASED LANGUAGE MEDIATION SKILLS TRAINING WITH GOOGLE APPS: COLLABORATION IN THE CLOUD A. Atabekova	1888
MOST COMMON COMPETITIVE BEHAVIORS IN A KINDERGARTEN A. Tsiakara, N. Digelidis	1893
DYNAMIC E-TEXTBOOKS: CONCEPTUALIZATION AND DEVELOPMENT OF A DIGITAL LIBRARY BASED ON FORMAL LEARNING CONTENT L. Fernandes	1896
EDUCATIONAL OUTCOMES AND THEIR EVALUATION WITHIN HIGHER EDUCATION M. Sirotova	1902
TESTING EQUIVALENCE OF WEB AND PAPER STUDENTS SATISFACTION SURVEYS M. Martínez-Gómez, J.A. Marín Garcia, M. Giraldo O'Meara	1909
THE PREDICTIVE EFFECT OF ATTITUDES TOWARDS SCHOOL SCIENCE AND REASONING ABILITIES ON PHYSICS AND CHEMISTRY ACHIEVEMENT: A STUDY WITH PORTUGUESE 7TH GRADE STUDENTS P. Vilia, A. Candeias, A. Neto, D. Varelas	1920
THE CONTRIBUTION OF THE INTERNSHIP TO THE GRADUATE PROFILE OF A PSYCHOLOGY DEGREE M.V. Espejel López, M. Sosa Correa, J. Aguayo Chan, E.M. Escoffié Aguilar	1929
EFFECTIVENESS OF DISTRIBUTED VS. MASSED PRACTICE FOR APPLICATION OF LEARNED CONCEPTS IN AN UNDERGRADUATE SPEECH ACOUSTICS COURSE K. Siren	1937
PROPRIETARY SOFTWARE IN TECHNICAL HIGHER EDUCATION A. Janowski, A. Sobieraj, J. Szulwic, D. Wróblewska	1941
COOL: A CO-OPERATIONAL LEARNING COMMUNITY. LET'S MAKE IT REAL! A.C. Almeida, A.P. Couceiro Figueira	1950
LIVING IN VIRTUAL CLASSROOMS: TEACHERS IN ONLINE LEARNING M.S. Rogers	1961
SOCIAL NETWORKING AND MEDIA. THE CASE OF HIGHER EDUCATION C. Rouziou, CH. Sofianopoulou	1969
DEVELOPMENT OF AN ICT SKILLS FRAMEWORK AND CERTIFICATION FOR MANAGEMENT ASSISTANTS (MAS) P. Masouras, D. Schneider, G. Theofilidou, M. Lazarou, I. Ktorides, A. Loutsios	1977
TELEDUCATION IN INTENSIVE AND HIGH COMPLEXITY NURSING IN AMAZON C. Xavier Diniz, M.N. Souza Ribeiro, L. Prates Behring, F. Farias de Castro, J.H. Souza Ribeiro, S.B. Perdomo	1986
SURVEY OF UTILIZATION OF THE E-LEARNING IN UNIVERSITY EDUCATION S. Štofko, J. Štofková	1993
TEMPORAL DIFFERENCES IN PARTICIPATION MODES IN VIDEO-BASED BLENDED LEARNING PRACTICE M. Myllymäki, I. Hakala	2000
MAPPING STUDENT TEACHERS, TEACHERS, AND TEACHER EDUCATORS' PERCEIVED ICT KNOWLEDGE AND SKILLS M. Schols	2007
BEGIN WITH THE LEARNER IN MIND: STRATEGIES FOR TRANSFORMING A FACE- TO-FACE COURSE FOR ONLINE DELIVERY B. Nkonge, S. Hunter	2011
GLOBAL TRENDS IN HIGHER EDUCATION AT AL-FARABI KAZAKH NATIONAL UNIVERSITY A. Thussungra, G. Thussungra	2021

SPONTANEOUS MUTATION AS SOURCE OF ERRORS IN THE KNOWLEDGE TRANSMISSION: AN EXPERIMENTAL APPROACH F. Cordoba Garcia	2026
OPEN BADGES IN HIGHER EDUCATION M. Myllymäki, I. Hakala	2027
METHODOLOGY FOR DYNAMIC LEARNING RESOURCES DISCOVERY AND RETRIEVAL FROM SOCIAL MEDIA H. Petreski, S. Tsekeridou, N. Prasad, Z. Tan	2045
CREATING PEDAGOGICAL STRATEGIES FOR PERSONALIZATION IN INTELLIGENT TUTORING SYSTEMS ACTIVE IN E-LEARNING CONTENT REPOSITORIES J. Marciniak	2053
THE EMERGENCE OF OPEN SCHOOL EDUCATION: THE CASE OF OPEN DISCOVERY SPACE PORTAL	2063
G. Xydopoulos, L. Stergioulas, M. Abbasi, M. Fakhimi, X. Ziouvelou, L.A. Rifon, M. Fernández Iglesias, H. Pirkkalainen, K. Clements	
ENHANCING CRITICAL CAPACITY IN HIGHER EDUCATION E. Garcia, D. Garzon, S. Navarro	2070
USING A VARIETY OF TECHNOLOGIES TO TEACH COMPUTER HARDWARE M. Ward	2077
CONTRIBUTIONS OF E-LEARNING AND ARTS-BASED EDUCATIONAL METHODOLOGIES TO INITIAL TEACHER TRAINING AND SECONDARY EDUCATION A. Bajardi, D. Alvarez-Rodriguez	2087
APPLICATION OF GREEN TECHNOLOGY TO ENHANCE STUDENT LEARNING: SUPERCRITICAL FLUID CARBON DIOXIDE EXTRACTION S. Smith, R. Schlacke	2091
DESIGN OF A MASTER'S LEVEL COURSE ON PLANT REPRODUCTIVE BIOLOGY AND BIOTECHNOLOGY J.M. Seguí-Simarro	2095
MOLECULAR BIOLOGY TEACHING AS PART OF THE QFB CURRICULUM AT FES ZARAGOZA, UNAM A. García-del Valle, M.T. Corona-Ortega, M. Cruz-Millán, M. Aguilar-Santelises, A.G. Rojas-Fernández, J.D. Alemán-Suárez, M. Aguilar-Sanchez, L. Aguilar-Santelises	2105
ENHANCING PROACTIVITY OF STUDENTS IN HIGHER EDUCATION E-LEARNING ENVIRONMENTS I. Ogrizek Biskupic, S. Lackovic, K. Jurina	2110
FROM ERAMIS TO PROMIS: EXTENDING AND IMPROVING A MASTER'S DEGREES NETWORK IN CENTRAL ASIA J.M. Adam, D. Bardou	2120
SURVEY OF E-LEARNING AS A TOOL FOR PROGRESSIVE EDUCATION FORM K. Štofková, I. Stríček	2130
ENHANCING ENTREPRENEURSHIP IN HIGHER EDUCATION THROUGH A RESEARCH ACTIVITY D. Garzon, S. Navarro, E. Garcia	2136
DEVELOPMENT OF MULTICULTURAL COMPREHENSION IN ELEMENTARY SCHOOL PUPILS: INTEGRATION PROJECT IN LATVIA I. Logina	2143
METHODOLOGY AND EVALUATION FRAMEWORK FOR MEASURING IMPACT OF AN E-LEARNING PLATFORM M. Fakhimi, L. Stergioulas, M. Abbasi, G. Xydopoulos, N. Athanasiades, M. Damigos, L. Kolovou, S. Sofoklis, L.A. Rifon, M. Fernández, T. Hoel, K. Bissinger, C. Arnold, C.M. Stracke	2150
LINK BETWEEN LEARNING PROFILE AND SCHOOL ACHIEVEMENT IN PRIMARY SCHOOL; A TRANSVERSAL STUDY S. Frenkel, D. Nobile	2156
METACOGNITION AND SCHOOL LEARNING: USE OF THE DELV PROGRAM IN PRIMARY SCHOOL D. Nobile, S. Frenkel	2157
EMBEDDING ENTREPRENEURSHIP SKILLS IN HIGHER EDUCATION TEACHING AND LEARNING M. Thimane	2158

FOCUS GROUP ASSESSMENT AS LEARNING METHODOLOGY IN HIGHER EDUCATION	2168
E.M. Murgado-Armenteros, M. Vega-Zamora, M. Gutiérrez-Salcedo, R. Barreda-Tarrazona, F.J. Torres-Ruiz	
METACOGNITION AND SCHOOL LEARNING: INDIVIDUAL USE OF THE DELV PROGRAM WITH TEENAGERS S. Frenkel, D. Nobile	2174
APPLICATION OF E-LEARNING POSSIBILITIES OF THE UNIVERSITY EDUCATIONAL PROCESS E. Nováková, J. Kompaníková, P. Pitlová, Z. Štofková	2176
MULTIPLE-CHOICE QUESTION EXAMINATIONS IN PRE-CLINICAL COURSES AS POTENTIAL ENDPOINTS FOR ANALYSIS OF QUALITY OF MEDICAL SCHOOL ADMISSION CRITERIA M. Panczyk, J. Belowska, J. Gotlib	2181
ASSESSMENT OF THE TIME MANAGEMENT BY STUDENTS IN THE MASTER OF OCCUPATIONAL RISK PREVENTION M.E. Arce-Fariña, C.M. Míguez-Alvarez, J.L. Míguez Tabarés, A. Cacabelos	2191
TEACHING EXPERIMENTAL CHEMISTRY WITH FOCUS ON SUSTAINABILITY A.G. Rojas-Fernández, A. García-del Valle, M. Aguilar-Santelises, M. Cruz-Millán, M.T. Corona-Ortega, L. Aguilar-Santelises	2196
PROM-OPEN: PROMOTING OPEN SCIENCE IN AN ON-LINE E-LEARNING ENVIRONMENT A. López-Borrull	2200
OPEN EDUCATIONAL RESOURCES FOR ONLINE SPEAKING PRACTICE IN A SECOND LANGUAGE C. Appel	2207
RECOMMENDING MASTERS' COURSES: ENRICHING SINGULAR VALUE DECOMPOSITION WITH STUDENT PROFILING F. Carballo, C. Antunes	2211
TOOL-BOXES FOR EFFICIENT TEACHING LEGAL TRANSLATION TO LAW AND TRANSLATION UNDERGRADUATES O.A. Burukina, T.B. Kosareva	2222
USING CROWD-FUNDING AS A MOTIVATIONAL DEVICE FOR CROWD-SOURCING ASSESSMENTS FROM TEACHERS I. Zualkernan, M. Ali, M. Hassoun, N. Jadoon	2223
SUCCESSFUL IMPLEMENTATION OF ICT STRATEGIES FOR FOUR DIFFERENT AREAS OF KNOWLEDGE IN THE POLYTECHNIC UNIVERSITY OF SAN LUIS POTOSI, MEXICO	2233
M. Hernández Sustaita, J.C. Neri Guzmán, E.O. Berlanga Ramírez, R. Llamas Contreras	22.42
ENGLISH LANGUAGE ACADEMICS' PROFESSIONAL DEVELOPMENT IN SAUDI ARABIA; A LITERATURE REVIEW H. Assalahi, S. Rich	2243
FOSTERING INTERDISCIPLINARY INTEGRATION IN THE E-HUMANITIES T. Vaegs, P. Niemietz, C. Tummel, A. Richert, C. Beeks, M. Haberstroh, M. Hassani, T. Meisen, M. Priesters, H. Vieritz, T. Seidl, I. Mittelberg, S. Neumann, S. Jeschke	2244
INTEGRATING PEER-TO-PEER INQUIRY-BASED LEARNING WITH A CROWD-SOURCING PLATFORM I. Zualkernan, A. Al Khawaja, F. Zubaydi, T. Hussain	2252
TRANSITS/COMENT@: AN INTERACTIVE TOOL TO ANNOTATE VIDEOS E. Bretones, A. Perez-Navarro, J. Conesa, A. Marín, M. García, C. Moya, N. Finney	2262
QUALITY ASSURANCE IN UNIVERSITIES OF DEVELOPING COUNTRIES: THE CASE OF TUNISIAN HIGHER EDUCATION B. Lassadi Sayadi	2272
A MULTIMODAL SOURCE TO TEACH LECTURING SKILLS IN ENGLISH AT UNIVERSITY M. Querol-Julián	2279
FINANCIAL INTELLIGENCE: A PANACEA TO POVERTY REDUCTION IN NIGERIA E. Ben-Caleb, E. Faboyede, O. Olusanmi, B. Oyewo	2280
EDUCATING ETHICS IN INFORMATION TECHNOLOGY: SERVING COMMUNITY AS PRACTICE F. Alabdulgader H. Almogiael, M. Alsaleh	2287

AN ASSESSMENT WIKI FOR INTERNET OF THINGS I. Zualkernan, M. Albayed, M. Al Solh, M. Tuffaha, H. Al Muhallabi	2294
APPLICATION OF ICT IN MODERATING EFFECTS OF SOCIAL PROBLEMS IN DEVELOPING ECONOMY: AN ALTERNATIVE SURVIVAL STRATEGY FOR STREET CHILDREN IN OGOMOSO SOUTH LOCAL GOVERNMENT AREA, NIGERIA G. Adejumo, O. Abimbola, D. Azuh, F. Olu-Owolabi	2303
GLOBAL SCHOOLS FOR LOCAL STUDENTS? THE CASE OF SRI LANKAN INTERNATIONAL SCHOOLS V. Wettewa	2304
HOLISTIC APPROACH TO TRAINING PROFESSIONALS FOR TOURISM INDUSTRY O.A. Burukina, A.N. Yandovsky	2314
EVALUATION MAKES US TEACHERS A. Domenech, L. Moliner	2323
INFORMATION COMMUNICATION TECHNOLOGY (ICT) BASED TEACHING AND ATTENTION SPAN OF SECONDARY SCHOOL STUDENTS IN OGUN STATE, NIGERIA O. Olusanmi, S. Faboyede, E. Ben-Caleb, A. Faboyede	2328
USING ICT TO INCREASE LEARNERS' AND TEACHERS' MOTIVATION B. Lassadi	2329
EDUCATIVE PRACTICES IN HEALTH SCIENCE – INTERDISCIPLINARITY AT DISTANCE EDUCATION A. Silva, C. Carvalho, J.F. Barros, H. Mohamed, E. Alves	2336
NEW TECHNOLOGIES AND THEIR IMPLEMENTATION IN THE TEACHING OF ENGINEERING. THE USE OF VIDEOS IN THE DESCRIPTION OF DEVICES AND PROCESSES F.J. Pérez de la Cruz	2337
LEARNING INDUSTRIAL ECOLOGY THROUGH RESEARCH PROJECTS: THE CASE OF BIODIESEL FROM MICROALGAE G. Cervantes	2343
E-PORTFOLIO AS A TOOL FOR THE DEVELOPMENT OF SELF-REGULATED LEARNING SKILLS M. Ciesielkiewicz, G. Nocito Muñoz, C. Martínez Priego	2350
ENHANCING BUSINESS ENGLISH TERMINOLOGY THROUGH CONCEPT MAPPING A. Balula, C. Martins, F. Marques	2355
A MODEL FOR INTERDISCIPLINARY LEARNING IN ART AND SCIENCE FOR PUPILS AGED 11-14 D. Robson, I. Hickey	2363
CYBERBULLYING; WHO, ME? C. Ervin	2369
IMPLEMENTATION OF "BUSINESS INFORMATICS" SUBJECT ADAPTING TO PROJECT-BASED LEARNING METHODOLOGY. CHALLENGES AND DIFFICULTIES A. Aldecoa Arnaiz, L. Benito del Valle Escuriaza, A. Celestino Gutiérrez	2370
ADVANTAGES AND CHALLENGES IN DEVELOPMENT OF E-BASED COURSE WITH EXTENSIVE USE OF EXTERNAL LECTURERS P.E. Jensen	2380
THE POTENTIAL OF LEARNING BIG DATA IN SECONDARY SCHOOL M.I. Cárdenas, D. López-Cazorla	2381
INFLUENCE OF PRIOR CONTENT EXPLOITATION VIA THE M@T-EDUCATE WITH SUCCESS PLATFORM IN STUDENT LEARNING I. Araújo, I. Cabrita	2383
COMMENTING THE PHYSICAL MEANING OF USUAL ELECTRONEGATIVITY SCALES D. Ferro-Costas, I. Perez-Juste, R. Mosquera, C. Bravo-Diaz	2393
PEDAGOGICAL USE OF THE VISIBILITY IN A VIRTUAL LEARNING COMMUNITY AS A METHODOLOGICAL APPROACH A.F. Mena Guacas, D.A. Díaz Timoté, K. Farieta Bonilla	2401
USING STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME TO ACHIEVE VIABLE UNIVERSITY-INDUSTRY COOPERATION IN NIGERIA – A CASE STUDY OF COVENANT UNIVERSITY, NIGERIA Z. Omogbadegun, C. Uwadia, N. Omoregbe, I. Akinyemi	2408

THE FINAL PROJECT IN THE BACHELOR'S DEGREE IN LABOUR RELATIONS STUDENTS AT THE UNIVERSITY OF BARCELONA: A RESEARCH PROJECT INTO PENSION M. Bosch-Princep	2417
THE ROLE OF THE ARTS IN EDUCATION: USES OF VISUAL ASPECTS OF MULTIMODAL KNOWLEDGE D. Alvarez-Rodriguez, A. Bajardi	2426
IMPROVEMENT OF THE KNOW-HOW, SKILLS AND ATTITUDES OF ICT PROFESSIONALS IN RUSSIA AND KAZAKHSTAN BY ENHANCING THE ICT-EDUCATION AND ALIGNING WITH ICT-COMPANIES, ASSOCIATIONS AND GOVERNMENT W. De Bruyn, O. Dolinina	2431
ASSESSING ONLINE LEARNING F. Silva	2432
THE USE OF AN INTELLIGENT FORUM CRAWLER FOR DATA RETRIEVAL FROM E- LEARNING PORTALS M. Pavković, J. Protić	2441
IMPLEMENTING CONCEPT-TESTS IN AN ANNUAL SUBJECT OF PHYSIOLOGY IN THE PHARMACY DEGREE B. Domingo, S. Llorens	2450
DESIGN OF A DIGESTIVE PATHOPHYSIOLOGY WORKSHOP AT THE PHARMACY SCHOOL AT THE UNIVERSITY OF CASTILLA-LA MANCHA S. Llorens, B. Domingo	2454
EUROPEAN AND NORTH-AFRICAN UNIVERSITIES COMMITTED IN STAFF EXCHANGING TO ASSESS THE UNEVEN IMPACT OF CLIMATE CHANGE ON MIGRATION FLOWS IN THE MEDITERRANEAN COUNTRIES D. Chinarro, C. Fernandez, M.L. Sierra Huedo, E. Roldan, R. Pino, A. Prieto	2463
CONTEMPORARY PRACTICES OF TECHNOLOGY AND ITS AFFORDANCES: PERCEPTIONS OF PRE-SERVICE TEACHERS ON THE UTILIZATION OF TECHNOLOGY IN TEACHING AND LEARNING PRACTICE S. Delaney, F. Trapani, P. Chandler, C. Redman	2472
ON THE SHORTCOMINGS OF THE RESONANCE MODEL TO DESCRIBE MOLECULAR ELECTRON DENSITY DISTRIBUTIONS AND THEIR EVOLUTIONS IN SIMPLE CHEMICAL PROCESSES I. Perez-Juste, R. Mosquera, C. Bravo-Diaz	2482
DAY CARE AND EMPLOYEE PERFORMANCE D. Ade-Turton, P. Inelo	2491
INTERPRETING AND ELABORATING SCIENTIFIC TEXTS IN A FOREIGN LANGUAGE IN THE DIGITAL ERA R. Castillo	2498
A STUDY ABOUT THE COMPREHENSION OF GEOMETRIES: THE CASE OF THE BARYCENTER	2505
N. Moreno Martínez, L. Sbitneva, M.E. Cervantes Badillo	0510
MAKING LEARNING VISIBLE IN THE CONTEXT OF ONLINE SOCIAL LEARNING M. Kanaris, J. Laffey	2513
PROBLEMS WITH AFFILIATIONS, NAMES AND PERSONAL IDENTITY IN THE PROCESS OF EVALUATING HIGHER EDUCATION INSTITUTIONS I. Mitrović, J. Protić	2524
A METHODOLOGICAL FRAMEWORK FOR THE DEVELOPMENT OF VIRTUAL ENVIRONMENTS FOR COLLABORATIVE-LUDIC SCENARIOS AND THEIR INTEGRATION TO LEARNING MANAGEMENT SYSTEMS C. Soto, V. Menéndez, R. Aguilar	2534
PARTICIPATIVE EDUCATION: A STRATEGY TO INFLUENCE THE CHANGE OF FEED HABITS OF ELDERLY F. Farias de Castro, V. Nascimento, E. Ordones de Souza, M. Nazaré de Souza Ribeiro, C. Xavier Diniz, S. Barboza Perdomo	2541
THE COMMUNITY OF PRACTICE: TEACHING PEDAGOGY IN THE ARCHITECTURE FOUNDATION DESIGN LAB S. Kavousi, P.A. Miller	2548
PEER TUTORING AND COMMUNITY SERVICE LINKED TO CURRICULUM PROMOTES ACADEMIC SUCCESS AND LEADERSHIP SKILLS J. Nelson	2558

PRACTICUM IARO: ARTIFICIAL INTELLIGENCE AND ROBOTICS IN SECONDARY SCHOOL D. López-Cazorla, M.I. Cárdenas	2564
RELEVANCE OF LABORATORIES IN THE EDUCATION OF ENGINEERS G. Mata Hernández, R. Garibay Jiménez	2570
SIMULATION IN UNDERGRADUATE EDUCATION: THE CANADIAN EXPERIENCE L. Graham, B. Harder	2579
REASONS FOR NON-APPROVAL IN THE QFB CURRICULA AT FES ZARAGOZA, UNAM	2582
M. Cruz-Millán, L. Aguilar-Santelises, A. García-del Valle, M. Aguilar-Santelises, J.D. Alemán-Suárez, A.G. Rojas-Fernández, R.C. González-Meléndez	
LEARNING FROM FIELD EXPERIENCES OF EXPERT EDUCATION PROGRAM EVALUATORS IN SUB-SAHARAN AFRICA A. Zgambo, M. Kanaris	2588
METABLETICA METHOD - TELESCOPIC, PERISCOPIC & KALEIDOSCOPIC SYNCHRONIC TEACHING-LEARNING STRATEGIES V. Rempusheski	2597
PEDAGOGICAL ROBOTICS IN ENGINEERING LEARNING A. Arenas González, M. Jurado Pineda, Y. Minami Koyama	2605
ACHIEVEMENT ON SCIENCE EDUCATION: THE PREDICTIVE EFFECT OF ATTITUDES AND REASONING ABILITIES IN PORTUGUESE STUDENTS FROM 7TH GRADE A. Araujo Candeias, P. Vilia, A. Neto, D. Ingles	2611
DEVELOPING EFFECTIVE SCHOOL AND UNIVERSITY PARTNERSHIPS FOR TEACHER EDUCATION J. Kenny, C. Redman, L. Hobbs, M. Jones, C. Campbell, A. Gilbert, G. Chittleborough, S. Herbert	2620
"GUIES DE PRONUNCIACIÓ DEL CATALÀ": TOOLS AND REFLECTIONS TO MODIFY ARTICULATORY HABITS AT UNIVERSITY	2633
J. Carrera-Sabaté, E. Blanco-Pinyol, I. Creus-Bellet, A.M. Fernández-Planas, C. Pons-Moll FLIPPED TECHNOLOGICAL TRAINING AND DEVELOPMENT USING QUALITY SYSTEMS MANAGEMENT IN THE PUBLIC SERVICES FIELD D. Bessette, S. Burton, M. Dawson	2640
VARIABILITY OF TECHNICAL SKILL ASSESSING TOOLS IN PRECLINICAL PROSTHETIC DENTISTRY AND A PROPOSAL OF ARRANGEMENT DEVICE H. Mohammed, L. Abdulhadi	2643
UTILIZING FREE AND LOW COST INTERNET AND COMPUTER CONTENT FOR EDUCATIONAL INNOVATION J. Smith	2651
EVALUATION OF A LEARNING STRATEGY BASED ON PEDAGOGICAL ROBOTICS IN THE ENGINEERING FACULTY. UNAM A. Arenas González, M. Jurado Pineda, Y. Minami Koyama, C. Villaseñor Penela	2656
TECHNICAL KNOWLEDGE ASSESSMENT OF UNDERGRADUATES IN PROSTHETIC DENTISTRY L. Abdulhadi, H. Mohammed	2657
RESEARCH ON USING MULTIMEDIA MATERIALS IN THE CHINESE AS A FOREIGN LANGUAGE CLASSROOM W.C. Hu	2667
STUDENT-CENTRED LEARNING EXPERIENCE IN SOFTWARE ENGINEERING: A NATIONAL TRANSFORMATION TOOL J. Badejo, E. Adetiba, T. Odu	2668
ASSOCIATION BETWEEN MOTIVATION AND MALAYSIAN UNIVERSITY ENGLISH TEST (MUET) STANDARDIZED TEST SCORES E. Anthony, R. Kamarulzaman, Z.A. Kadir	2676
THE ROLE OF THE ORGANIZATIONAL CULTURE ON THE DEVELOPMENT OF INNOVATION AND TECHNOLOGY-BASED PROJECTS AT THE HIGHER EDUCATION: PERCEPTIONS OF THE RESEARCHERS G. Sart	2682
BUILDING CONFIDENCE IN PROFESSIONAL AND MANAGERIAL DECISION MAKING H. Reddy, L. Clarke, P. Dawson	2683
THE VOICE OF YOUNGSTERS AND PROFESSIONALS IN ACTION RESEARCH EXPERIENCES FOR EMPOWERING YOUTH THROUGH ARTS AND NEW MEDIA A Tarrée-Vallesni K V Pages Pérez I Hillaget	2691

MEANINGFUL LEARNING WITH TECHNOLOGY M. van Ast, R. Njoo	2705
STUDENTS AND TEACHERS SATISFACTION LEVELS REGARDING POST-BOLOGNA TEACHER TRAINING F. Rodrigues, F. Simões, M.C. Arau Ribeiro	2706
MOBILE WEB APPLICATION FOR GRADUATION CEREMONIES FOR GRADUATE STUDENTS D. Edelman, E. Cutchins	2707
DESIGNING INTRANET PORTAL WITHIN AN E-LEARNING ECOSYSTEM D. Barać, V. Vujin, A. Milić, K. Simić, V. Ratković-Živanović	2715
AN INTERDISCIPLINARY BUSINESS CASE K. Leemans	2724
MOOC: A DEVELOPMENT CASE FOR PORTUGUESE K12 L. Oliveira, S. Gomes	2733
THE IMPACT OF ICT ON PSYCHOLOGICAL TESTING: A CASE STUDY OF TURKISH HIGHER EDUCATION G. Sart	2743
EDUCATE AND UNDERTAKE: A METHODOLOGY FOR EMERGING ENTREPRENEURSHIP AT THE UNIVERSITY F. Crecente-Romero, R. Garrido-Yserte, S. Ramón-Torres	2744
THE ROMANIAN FOLK COSTUME AS A COMPONENT OF THE COUNTRY BRAND. USE OF MODERN METHODS OF EDUCATION BASED ON VIRTUAL REALITY A. Nanu, A. Titieni, M. Nedelcu, F. Nedelcu, C. Sarbu	2753
VIRTUAL EXHIBITIONS AND MUSEUMS AS EXTENSION POSSIBILITIES FOR THE REAL ONES M. Nedelcu, R. Igazsag	2763
SECOND LANGUAGE TEACHING (ACQUISITION) VIA TECHNOLOGY: IS THIS MODALITY REALLY VIABLE? G. Helguero-Balcells	2770
A FIELD CLASS FOR GEOLOGY STUDENTS IN COIMBRA, CENTRAL PORTUGAL C. Gomes, A. Rola	2785
A VIRTUAL FIELD CLASS IN THE MOUNTAINS OF LOUSÃ, CENTRAL PORTUGAL A. Rola, E. Gomes, L. Pereira, C. Gomes	2786
FORMAL AND SEMANTIC ANALYSIS OF COMPUTER PASSWORDS OF CZECH INTERNET USERS K. Kopecký, R. Szotkowski	2794
GUIDING TEACHERS OF STUDENTS WITH VISUAL IMPAIRMENTS IN ASSISTIVE TECHNOLOGY DECISIONS: THE EXPERIENCE OF THE WISCONSIN ASSISTIVE TECHNOLOGY INITIATIVE IN SINGAPORE M.E. Wong, N.K.H. Chia, J.S.P. Law	2799
FLEXIBLE PLATFORMS FOR TEACHING EMBEDDED SYSTEMS L. Breniuc, C.G. Haba	2800
A NEW APPROACH TO ARCHITECTURAL EDUCATION TOWARDS AN INNOVATIVE CURRICULA THAT DISTINGUISH THE ARCHITECTURE STUDENT'S PERSONALITY G. Abdel-Azim	2807
LEARNER-CENTERED APPROACH IN LANGUAGE TEACHING N. Shamsutdinova	2818
THE CLASS OF STUDENTS - A LEARNING COMMUNITY E. Mara	2822
EMERGING TRENDS IN LIFELONG LEARNING: THE COVENANT UNIVERSITY PERSPECTIVE R. Worlu, A. Atayero, S. Owoeye, L. Amodu	2837
ACCURACY LEVEL IN THE USE OF THE PROJECT BASED LEARNING STRATEGY IN THE LANGUAGE TEACHING & LEARNING F. El Hamyani	2847
USING EPORTFOLIOS TO ENCOURAGE RESPONSIBLE FEEDBACK L. Morales, A. Soler Dominguez	2853
EFFICACY OF TEACHING METADISCOURSE IN EFL WRITING PERFORMANCE S. Yazdani	2863

ASSESSMENT FOR LEARNING: PERCEPTIONS OF ENGLISH AND PORTUGUESE SCIENCE TEACHER STUDENTS M. Cid	2868
THE IMPACT OF PRE-SERVICE REFLECTIVE TEACHER TRAINING ON IRANIAN TEACHER APPLICANTS' ATTITUDES TOWARDS MAJOR ELT COMPONENTS Z. Seifoori, H. Rafieyan, A. Hamed Barghi	2878
THE CREATIVE DESIGN PROCESS USED AS A TOOL FOR CULINARY PROFESSIONALS TO DEVELOP INNOVATIVE, REGIONAL FOOD AS A FORM OF TERRITORIAL AND CULTURAL APPRECIATION J. Mendonca	2879
OPEN INNOVATION: A CASE OF COLLECTIVE DEVELOPMENT OF BUSINESS J. Mendonca	2884
E-LEARNING FOR ENVIRONMENTAL SUSTAINABILITY: DRIVING FOR CHANGE WITH AN OPEN ONLINE COURSE S. Speight, W. Morgan	2891
THE DESIGN AND CREATION OF AN ELECTRONIC LANGUAGE LEARNING ENVIRONMENT FOR GREEK AS FOREIGN/SECOND LANGUAGE G. Spantidakis, V. Kourtis-Kazoullis	2899
METHOD FOR QUALITY EVALUATION OF DIGITAL LEARNING TOOLS R.T. Mora-García, M.F. Céspedes-López, R. Pérez-Sánchez, I. Álvarez-Canteli	2909
THE ADOBE CONNECT INTEGRATED VIRTUAL CLASSROOM ASSISTED BY AN INTERACTIVE DIGITAL WHITEBOARD AS TEACHING VIRTUAL TOOLS J.D. Jiménez-López, J. Navarro-Moreno, J.C. Ruiz-Molina	2919
CREATING INTELLIGENT ELECTRONIC TEXTBOOKS IN KAZAKHSTAN A. Sharipbay, A. Omarbekova, G. Nurgazinova	2926
THE VAULTED HEAVENS: THE PROMISE AND POSSIBILITY OF DIGITAL EDUCATION IN A GLOBAL WORLD D. Meyer	2934
END OF DEGREE PROJECT FOCUSED ON LEARNING THE SCIENTIFIC METHOD A. Crespo, I. Álvarez, N. Lorenzo	2938
STATISTICS CONTINUOUS ASSESSMENT THROUGH AN ACTIVITY USING AN INTERACTIVE VOTING SYSTEM M. Caballer-Tarazona, C. Pardo Garcia	2939
PHYSICAL EDUCATION IN DE MODE: THESIS DEFENSE P.R.S. Coquerel, J.F. Barros, A.P. dos Santos, A. Bollbuck, M.L. Fernandes da Costa, M.F. Domingos Junior, L.A. Nunes da Silva, R. Guimarães da Silva, R.N. Nunes	2945
THE INFLUENCE OF PROBLEM BASED LEARNING IN THE TEACHING AND LEARNING PROCESS ABOUT RELATIONAL PSYCHOMOTRICITY IN PARTICIPANTS OF AN EXTENSION EVENT OF THE STUDY GROUP IN LUDOMOTRICITY P.R.S. Coquerel, R.N. Nunes, D.L. de Oliveira, C.S. de Barros, A.C. Dantas Ferreira, L.C. Siqueira Garcia, F.H. Costa de Oliveira, E.J. Barbosa de Oliveira, M.P. Silva de Morais, J.F. Barros	2955
USING OF IPAD AND IPHONE FOR EDUCATION OF CZECH LANGUAGE (ESPECIALLY EDUCATION OF ORTHOGRAPHY AND SYNTAX) K. Kopecký, L. Hejsek	2961
YOUTHS' PERCEPTIONS OF LEARNING WITH SMARTPHONES: ME, MYSELF AND OTHERS N.N. Chan	2965
USE OF WEB2.0 WITH EDUCATIONAL/LEARNING AIMS: FREQUENCY OF USE AND OPINION OF UNIVERSITY AND SECONDARY EDUCATION STUDENTS R. Comas-Forgas, A. Morro-Prats, J. Sureda-Negre, M.A. Rossello-Bibiloni	2975
THE CREATION OF VALUE AT UNIVERSITIES FROM THE ORGANIZATIONAL PERSPECTIVE: AN EMPIRICAL ANALYSIS IN LATIN AMERICA C. De Pablos-Heredero, A. García-Martínez, J. Perea Muñoz, J.G. Torres-Navarrete, E. Diaz O'Campo	2980
PROJECT ACOTIC: DESIGN OF A SCALE FOR MEASURING COMPETENCES THROUGH COLLABORATIVE LEARNING C. López García, M.C. Sánchez Gómez	2989
A CASE-STUDY METHODOLOGY EXPERIENCE WITH POLITICAL SCIENCE UNDERGRADUATE STUDENTS A. Choi, J.O. Escardíbul, M. Mediavilla	2996

INTERNET SECURITY AND EFFECTIVE INFORMATION SEARCHES IN EDUCATIONAL PROJECT NETWORKS BASED ON THE DEVELOPMENT OF DIGITAL COMPETENCE C. López García, M.C. Sánchez Gómez	3002
THE EMERGENT REQUIREMENTS FOR VISUAL TEACHING TOOLS FOR SUPPORTING INTRODUCTORY PROGRAMMING: A CASE STUDY OF BOTHO UNIVERSITY, FRANCISTOWN B. Samson-Zulu, W. Nkomo	3010
THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY TO BRING CLOSER HIGHER AND SECONDARY EDUCATION J.M. Lucas-Bernal, J.F. Martin-Ugedo, M.I. Martinez-Serna, A. Minguez-Vera, J. Moya-Rodriguez, J.	3020
Yagüe-Guirao COOPERATION OF PARENTS IN PUBLIC PRESCHOOL INSTITUTIONS IN KOSOVO R. Ferizi Shala, V. Buza, D. Hajdari	3029
UTILIZATION OF FREEWARE FOR NEW APPROACH OF STUDENT-CENTERED LEARNING MODULES FOR SCIENCE SUBJECTS K.H. Kok, R. Jaafar, M.R.M. Yusof, M.I.H. Yaacob	3033
GUIDELINES AND SUCCESS FACTORS IDENTIFIED IN THE FIRST MOOC IN LATIN AMERICA M.S. Ramirez	3042
TRAINING STRATEGIES IN TEAM TEACHING TO FACILITATE THE CONNECTION OF LEARNING IN MOOC COURSES M.S. Ramirez	3052
A NEW AUTOMATIC ON-LINE EVALUATION FOR GRAPHICS APPLIED TO BUILDING STRUCTURES A. Aznar, J.I. Hernando, M. Martinez, J. Ortiz, J. Cervera	3061
APPLICATION OF NEURAL NETWORKS FOR REALISTICALLY OPTIMAL ANALYSIS AND EVALUATION OF SOFTWARE LEARNING PACKAGES' PERFORMANCE H.M.H. Mustafa	3069
FACTORS INFLUENCING EDUCATIONAL WASTAGE AMONG GIRLS IN SECONDARY SCHOOLS IN KERICHO EAST DISTRICT, KENYA J. Manduku, C. Kurgatt, Z. Koech	3079
HISTORY OF ARCHITECTURE EDUCATION: POTENTIALS AND LIMITATIONS FOR A BETTER DESIGN PROBLEM SOLVING I.O.A. Gawad	3086
USING E-LEARNING TO ENHANCE STUDENT EXPERIENCE M. Awad, F. Qazbak, A. Kettana, M. Al-Haddad	3094
UNLOCKING THE POTENTIAL OF DIGITAL LEARNING TOOLS FOR STUDENTS WITH LOW LITERACY M. Cameron-Rogers	3100
COMPETENCE ASSESSMENT AND DEVELOPMENT: A COMPARATIVE STUDY OF FOREIGN STUDENTS M. Alcalà, A. Bikfalvi, F. Julián, F.X. Espinach	3110
A FRAMEWORK OF EDUCATIONAL METAPHORICAL INTERFACE DESIGN FOR LEARNER HYPERMEDIA NAVIGATIONAL PERFORMANCE M. Firat, I. Kabakçı Yurdakul	3118
FIRST EUROPEAN EXPERIENCE IN PCP PROCESS APPLIED TO EDUCATION: IMAILE (INNOVATIVE METHODS FOR AWARD PROCEDURES OF ICT LEARNING IN EUROPE) M. Bel, M. Jarque Fernandez	3124
ASSESSMENT IN HIGHER EDUCATION: FORMATIVE ASSESSMENT AND ITS EFFECT ON STUDENTS' SUCCESS AND MOTIVATION B. Zhaku-Kondri, R. Zhaku	3126
GAMIFICATION'S TECHNOLOGICAL APPLICATIONS D. García Lázaro, L. Rodas Alfaya, A.I. Cid Cid	3134
STUDY OF THE EDUCATIONAL IMPACT OF ACTIVITIES USING SCRATCH IN FIRST-YEAR STUDENTS IN SECONDARY EDUCATION R. Pajares-Pescador, C. Hernández-Díez, V. Cardeñoso-Payo	3138
THE ACCEPTANCE OF SOCIAL PERSONALISED VERSUS STATIC WEB-BASED EDUCATION BY SAUDI STUDENTS A Alamri A Cristea M S Al-Zaidi	3145

DEVELOPING ICT COMPETENCY AMONG A LARGE NUMBER OF UNDERGRADUATES IN A UNIVERSITY C. Hewagamage, K.P. Hewagamage	3154
A SYSTEM APPROACH TOWARDS INCLUSION IN SCHOOLS OF LATVIA D. Ilisko, S. Ignatjeva, M. Rozenfelde	3164
THREE EXPERIENCES OF INNOVATION BASED ON THE USE OF ICT IN LABOUR AND SOCIAL SECURITY LAW M.B. Fernández-Collados, F. González-Díaz, C. Sánchez-Trigueros	3171
INTRODUCING CSR IN FINANCE SUBJECTS CURRICULA: UNIVERSITY STUDENTS' PERCEPTIONS, A CASE STUDY M.A. Fernández-Izquierdo, M.J. Muñoz-Torres, J.M. Rivera-Lirio, R. León-Soriano, I. Ferrero-Ferrero, E. Escrig-Olmedo, L. Bellés Colomer	3178
TOWARDS A LEARNING MODEL BASED ON BAYESIAN NETWORKS M. Anouar Tadlaoui, M. Khaldi, S. Aammou	3185
UNIVERSITY STUDENTS LEARN MATHEMATICS WITH MOODLE J. Medina-Moreno, J. García-Andrades, M. Villegas	3194
INVESTIGATING STUDENTS' ACCEPTANCE OF TABLET PC IN LEARNING SCIENCE: AN APPLICATION OF THE MODIFIED TECHNOLOGY ACCEPTANCE MODEL N. Sahadani, S. Salleh	3203
TAMAM IN OMAN: BOTTOM-UP EDUCATIONAL CHANGE IN ARAB SCHOOLS A. Albulushi, A. Ambusaidi	3216
LACE - A MOOC ON LITERATURE AND CHANGE IN EUROPE: MOOCS AT THE MA LEVEL IN A CROSS-OVER WITH CAMPUS TEACHING F. Truyen, J. Baetens, S. Verbeken	3217
10 YEARS OF INTERNATIONAL INTERNSHIPS IN UNIVERSITAT JAUME I (UJI): LEARNING ABOUT THE PROCESS AND FUTURE CHALLENGES TOWARDS ERASMUS+	3228
M.I. Beas-Collado, M.T. Martínez-Fernández, C. González-Oñate, J. Gual-Ortí GOLABZ: TOWARDS A FEDERATION OF ONLINE LABS FOR INQUIRY-BASED SCIENCE EDUCATION AT SCHOOL D. Dikke, E. Tsourlidaki, P. Zervas, Y. Cao, N. Faltin, S. Sotiriou, D. Sampson	3238
ANALYZING THE PROCESS OF SOCIAL LEARNING FROM NEGATIVE EVENTS: CASE OF FUKUSHIMA NUCLEAR ACCIDENTS S. Kim, C.H. Park	3249
THE USE OF A DEBATE LEAGUE AS A LEARNING TOOL: HIGH SCHOOL STUDENTS' ATTITUDES, SATISFACTION, AND INTENTION TO RE-USE V. Romero-Reignier, E. Giménez-Fita, R. León-Pinilla, V. Prado-Gascó, J. Marti-Parreño	3250
AN E-LEARNING MODEL FEATURING FACIAL EMOTION RECOGNITION AND REGULATION: MATHEMATIC LEARNING OF HIGH-FUNCTIONING AUTISM STUDENT AS AN EXAMPLE H.C. Chu, W. Tsai, M.J. Liao, W.K. Cheng, Y.M. Chen	3256
FOSTERING LIBERAL EDUCATION THROUGH FOREIGN LANGUAGE STUDIES IN A TECHNOLOGICAL UNIVERSITY: CASE STUDY J. Horbacauskiene, S. Petroniene	3266
MAIN DETERMINANTS OF TEACHERS' INTENTION TO USE FLIPPED CLASSROOMS: THE ROLE OF ATTITUDE, PERCEIVED USEFULNESS, AND UTILITARIAN VALUE J. Marti-Parreño, L. Summerfield, V. Prado-Gascó, C. Queiro-Ameijeiras, V. Romero-Reignier, E. Giménez-Fita	3275
METAPHORS DEVELOPED ABOUT COMPUTER CONCEPT BY SOCIAL STUDIES TEACHER CANDIDATES V. Tunkler, A.N. Coklar, C. Guven	3281
MATHEMATICS IN VOCATIONAL AND TECHNICAL EDUCATION: INVESTIGATING THE RELATIONSHIP IN ENGINEERING WORK RELATED PROBLEMS U.F. Tahir, M. Shahrill	3282
YOUTUBE FOR EDUCATION - GETTING INTO IT! A.M. Visan, B. Logofatu, D.D. Burdescu	3293
STUDENTS LIKE SOCIAL MEDIA EDUCATION, ARE UNIVERSITIES READY FOR IT? A.M. Visan, B. Logofatu, D.D. Burdescu	3299
EXAMINING THE EFFECTIVENESS OF PEER MENTORING IN THE LEARNING OF DIFFERENTIATION M. Pg Daud, M. Shahrill	3305

LEARNING ENVIRONMENT AND PRESCHOOL CHILDREN'S PERFORMANCE A. Tsiakara, N. Digelidis	3316
ASSESSMENT OF PERSONAL-SOCIAL ADJUSTMENT IN READING: IMPLEMENTATION OF THE APSL SCALE IN A SAMPLE OF STUDENTS IN SOCIOCULTURAL SITUATION OF DISADVANTAGE J.J. Navarro, T. Mardones, A. Ivanova, L. Zamorano	3318
THE DESIGN OF AN INTRODUCTORY COURSE FOR STUDENTS WITH NO LEGAL SPANISH TRAINING AS AN EDUCATIONAL COMPLEMENT TO STUDY A LEGAL MASTER E. Cerrato Guri, A. Giménez Costa	3328
RESULTS OF TECHNICAL ASSISTANCE FOR STRENGTHENING OF INSTITUTIONAL CAPABILITIES IN MANAGEMENT OF E-LEARNING PROGRAMS IN COLOMBIAN HIGHER EDUCATION INSTITUTIONS D.M. Cardona-Román, J.A. Méndez, J. Mejía Rico, J.M. Sánchez-Torres, C.A. Acosta	3334
IMPLEMENTATION OF AN E-LEARNING PLATFORM USING CMS TECHNOLOGIES AND MODERN E-LEARNING METHODS K. Chimos, K. Zacharis, G. Zacharis	3344
IDENTIFYING SECURITY ISSUES IN A HIGHER EDUCATION'S INSTITUTE CMS LAB SITE K. Chimos, P. Loumpardas	3349
USABLE AND ADAPTIVE FRAMEWORK IN THE TEACHING-LEARNING BOOLEAN ALGEBRA S.B. González Brambila, R.E. Álvarez Martínez, R.A. Salas Rueda	3355
COMPUTER GAME ENGAGEMENT FOR ADOLESCENTS WITH DEPRESSION: A PRELIMINARY STUDY ON USER EXPERIENCE R. Mohd Rias, A. Ahmad, R.M. Rias, H.B. Zaman, W.S. Mohamad Anuar	3364
TESTING ADVANTAGE OF INTUITIVE THINKING IN COMPLEX TASK: DESIGNING AN EXPERIMENT IN UTT PARADIGM R. Hanák	3377
PREFERENCE FOR INTUITION AND DELIBERATION AND ITS RELATIONSHIP WITH LEARNING OUTCOMES V. Čavojová	3382
COULD WORKING MEMORY PREDICT PERFORMANCE IN DIFFERENT STUDY TASKS? R. Hanák	3386
GAME-BASED LEARNING FOR SOFT AND HARD SKILLS DEVELOPMENT IN LLL IMPLEMENTATION E. Pitukhin, S. Sigova, A. Kekkonen, I. Pennie	3389
A METHODOLOGY TO DESIGN INCLUSIVE PRACTICES IN MATHEMATICS BASED ON THE USE OF TECHNOLOGY G. Chiappini, G. Cozzani	3394
ENVISIONING PERSPECTIVE SKILLS FOR CURRICULUM UPDATING V. Gurtov, S. Sigova, M. Pitukhina	3403
THE SKILLS ASSESSMENT AT UNIVERSITY: TO BE AN ACTIVE PART IN THE FUTURE EDUCATIONAL CHOICES M. Capo, R. Capobianco	3409
ASSOCIATE DEGREE IN COMMUNITY COLLEGES IN HONG KONG W.F.M Chan	3421
PROS AND CONS OF AUTOMATED KNOWLEDGE ASSESSMENT BASED ON CONCEPT MAPS J. Grundspenkis	3430
DOES THE FREQUENCY DIFFERENCE OF USING ICT INSIDE AND OUTSIDE CLASSROOM DIFFERENTLY PREDICT LEARNERS' PERCEPTION? J. Lee, H.D. Song	3440
WIND TUNNEL EXPERIMENTS TO TEACH PHYSICS S. Le Clainche Martinez, M. Schlapkohl, V. Theofilis, H. Wei, J.A. Tendero Ventanas, Q. Liu, J.M. Pérez	3441
INFORMAL M-LEARNING RESEARCH IN AGRICULTURE: AN ACTIVITY THEORY BASED APPROACH U. Dissanayeke, K.P. Hewagamage, R. Ramberg, G.N. Wikramanayake	3450
INTERNET MARKETING IN AN ENVIRONMENT OF UNIVERSITY INSTITUTIONS J. Fabus, I. Kremenova, J. Fabus	3459

ANALYSIS OF THE INFORMATION CHARACTERISTICS TOWARD SOCIAL LEARNING EFFECT C.H. Park, S.Y. Kim, Y.J. Ryu	3466
INORGANIC CHEMISTRY SUBJECT IN THE DEGREE IN CHEMISTRY IN THE SCIENCE AND TECHNOLOGY FACULTY OF THE UNIVERSITY OF THE BASQUE COUNTRY J.L. Mesa, S. Edurne, J.M. Arrieta	3467
METHODOLOGICAL FRAMEWORK DEVELOPMENT FOR ADAPTABLE CAREER GUIDANCE PROCESS IN VET SYSTEMS I. Pennie, E. Ignatovich, S. Sigova, A. Kekkonen	3468
TENSILE TEST MACHINE SIMULATION FOR IMPROVING METACOGNITIVE SKILLS A. Hadi Shubber, A. Bin Udin, A. Bin Minghat	3473
CREDIT UNIONS: A POVERTY REDUCTION TOOL IN GHANA Q. Eleke-Aboagye, R. Amenuveve	3484
COMBINING COMPUTER AND REAL ENVIRONMENT - EXPERIENCE FROM IMPLEMENTING BIODIVERSITY RESEARCH IN THE CLASSROOM K. Ulbrich, S. Klotz, J. Settele	3493
A FEEDBACK SYSTEM TO SUPPORT SELF-REGULATED LEARNING J. O'Mullane, K. O'Sullivan, D. O'Sullivan, L. Fanning	3500
THE ELECTRONIC NEWSPAPER AS A LITERACY PRACTICE: PROMOTING FAMILY LITERACY AND SOCIAL PRACTICE AT SCHOOL A. Driziê Gonzatti dos Santos, M.S. Oliveira, M.A. Calle Aguirre, R. de Cascia Gomes	3510
INTENSIVE PROGRAMME AS NEW INTEGRATED DIDACTIC ACTIVITY B. Sáez Riquelme, J.A. García Esparza, A. Salandin	3520
MOBILE CELLULAR PHONES, TABLETS, OR INTERNET BROWSERS ENCOURAGING IMMEDIATE STUDENT RESPONSE AND INSTRUCTOR FEEDBACK K. Lee	3530
AN EDUCATIONAL SIMULATOR FOR SEXUAL AND REPRODUCTIVE HEALTH TEACHING: THE EFFECT OF CHEMICAL AND HORMONAL FAMILY PLANNING METHODS VIEWED IN THREE-DIMENSIONAL ENVIRONMENT B.C. Casas Parra, D.F. Garcia Castillo, J.C. Guevara Bolaños, J.R. Pinilla	3531
THE INFLUENCE OF THE LEVELS OF PROFICIENCY, COMMUNICATION TASK TYPES AND GROUP ARRANGEMENT ON THE USE OF COMMUNICATION STRATEGIES BY POLISH SPEAKERS OF ENGLISH – THE REVIEW OF THE RESEARCH PROJECT J. Karoń	3539
REAL ESTATE EDUCATION AND GRADUATE EMPLOYABILITY IN NIGERIA: EMPLOYERS' PERSPECTIVE S. Oloyede, E. Adeniyi, O. Durodola, A. Oluwatobi, C. Ayedun	3549
THE READING PREFERENCES AND HABITS OF NIGERIAN PROFESSIONALS: THE CASE OF ESTATE SURVEYORS AND VALUERS S. Babajide, N. Peter, O. Oloke, C. Emele, M. Ajibola	3555
INFLUENCE OF RELIGIOUS BELIEFS ON STUDENTS' COMMUNICATIVE BEHAVIOUR IN FOREIGN LANGUAGE TEACHING E. Tikhonova, T. Golechkova	3562
SHYNESS AND ITS INFLUENCE ON A CHILD'S FUNCTIONING IN THE KINDERGARTEN ENVIRONMENT A. Klim-Klimaszewska	3573
IMAGINATION AND ITS INFLUENCE ON ARTISTIC WORK OF CHILDREN AT THE PRE-SCHOOL AGE A. Klim-Klimaszewska	3582
CREATING A REAL-LIFE PROFESSIONAL EXPERIENCE FOR UNDERGRADUATES: SECTORAL PRACTICUM PROJECTS T. Baykent Beyhan	3591
TOWARDS A METHODOLOGY FOR INCORPORATING SUSTAINABILITY INTO ARCHITECTURAL CURRICULA M. Samir Elsawy, H. Safey Eldeen	3601
"MEASURING DEATH", THE VALUE OF INTEGRATING KNOWLEDGE WITH HUMAN EXPERIENCE, IN THE STUDENT SUPERVISED PROJECTS S. Homayouni	3615
NON-NATIVE SPEECH CORPORA FOR THE DEVELOPMENT OF COMPUTER ASSISTED PRONUNCIATION TRAINING SYSTEMS M. Carranza Díez, C. Cucchiarini, P. Burgos, H. Strik	3624

LEARNERS' ATTITUDES TOWARDS DIFFERENT ACCENTS OF ENGLISH S. Ak	3634
SOFTWARE USABILITY FOR PROGRAMMERS - LESSONS LEARNED FROM ONE DECADE OF TEACHING R. Pucher, B. Salzbrunn, V. Winter, D. Dolezal	3639
TEACHING ELECTRIC FIELD TOPIC WITH COMPUTER VISUALIZATION S. Talele	3647
LEARNING WAVE. THE ROLE OF SENSORY EFFECTS ON HARMONIZING ARCHITECTURAL EDUCATION M. Samir Elsawy	3651
STUDENT'S ATTITUDE TOWARDS MATHEMATICS AT THE UNIVERSITY OF ÉVORA, PORTUGAL K. Bayudan, R. Alpizar-Jara	3659
PROGRAM BRAZIL VOLUNTEER. CULTURE OF VOLUNTEERING THROUGH DISTANCE EDUCATION J. Leônidas Soares, W. Ramos, A. Ribeiro de Silva, J. França Barros, E. Alves	3670
BULLYING: YOUR RESPONSIBILITY AND LEGAL IMPLICATIONS FOR SCHOOL LEAVERS C.M. Martins Pereira, G.M. de Araújo Ribeiro, M.C.N. da Fonseca Rocha Medina, M.L. de Andrade	3671
Picanço Meleiro, S.B. Perdomo, V.M.P.S. Marques Marinho UNDERSTANDING THE NEEDS AND CHALLENGES OF MOBILE APPLICATIONS FOR STUDENTS WITH DYSLEXIA Z.N. Mohamed Zain	3678
MOODLE PLUGIN CREATION AND USAGE IN STUDENTS DIPLOMA PROJECT ASSESSMENT E. Smirnova, A. Kosturko, V. Syuzev	3679
ONTOLOGY BASED SYSTEM FOR STUDENTS KNOWLEDGE CONTROL E. Smirnova, M. Shpak, V. Syuzev	3683
ENHANCING LEARNING EXPERIENCE OF COURSEWORK STUDENTS IN HIGHER EDUCATION: A KNOWLEDGE MANAGEMENT METHODOLOGY N.K.Y. Leung, H. Shamsub, N. Tsang, B. Au	3687
FINDING RESOURCES ON THE SHELF: FROM CREATING A HANDOUT TO RETHINKING THE FRESHMAN LIBRARY EXPERIENCE A. Alwan, S. Carlson	3692
A CORPUS-BASED STUDY OF SPANISH L2 MISPRONUNCIATIONS BY JAPANESE SPEAKERS M. Carranza Díez, C. Cucchiarini, J. Llisterri, M. J. Machuca, A. Ríos	3696
DEVELOPING INSTITUTIONAL POLICIES IN HIGHER EDUCATION: PAIN AND GAIN S. Issan, W. Al Manthari, R. Al Zadjali	3706
THE POTENTIAL OF MOODLE IN A BLENDED LEARNING MANAGEMENT SYSTEM: A CASE STUDY OF AN IN-SERVICE PROGRAMME FOR SECONDARY MATHEMATICS TEACHERS M. Ndlovu, I. Mostert	3715
OVERCOMING THE LIMITED INTERACTIVITY IN TELEMATIC SESSIONS FOR IN- SERVICE SECONDARY MATHEMATICS AND SCIENCE TEACHERS M. Ndlovu, P.W. Hanekom	3725
A STUDY OF FACTORS THAT INFLUENCED LEARNING IN A BIG LECTURE HALL IN THE OFFSHORE CAMPUS OF THE AUSTRALIAN UNIVERSITY N.K.Y. Leung, H. Shamsub, N. Tsang, B. Au	3736
MAKING SENSE OF COURSE DATA: TOWARDS THE STANDARDISATION OF CURRICULUM DESIGN AND COURSE RELATED INFORMATION G. Dafoulas, B. Barn, Y. Zheng	3745
INTEGRATING WEB 2.0 TECHNOLOGIES IN HIGHER EDUCATION LEARNING G. Dafoulas, S. Azam	3755
PERCEPTIONS OF FASHION DESIGN STUDENTS REGARDING E-LEARNING A.S. Tekin Akbulut	3765
ENTREPRENEURIAL EDUCATION, INTELLIGENCE AND COMPETITIVENESS ENABLED BY HIGHER ORDER TECHNOLOGICAL LEARNING (HOTL) AND STRATEGIC KNOWLEDGE SERENDIPITY AND ARBITRAGE (SKARSE)	3766

EXPLORATION OF THE PREDICTORS OF SOFTWARE PIRACY ACROSS DIFFERENT SAMPLES Y. Akbulut	3774
ONLINE SYNCHRONOUS LEARNING - FINDINGS FROM A STUDY INTO HOW SCHOOLS HAVE SUPPORTED THEIR MOST ABLE PUPILS IN PREPARING FOR THE LEVEL 6 KEY STAGE 2 MATHEMATICS TEST A. Thethi, M. Baldwin, G. Newton, A. Boddison	3775
COMPARISON CASE STUDIES OF TECHNOLOGY TRANSFER IN SILICON VALLEY VS. IN SILICON FEN P.T.S. Chou	3785
EXPLORING TRAINEE TEACHERS' ICT SKILLS AND THEIR IMPACT UPON FUTURE PGCE COURSE DEVELOPMENT G. Newton, A. Thethi, A. Boddison	3786
MUSIC AND MOVEMENT FOR THE HEALTH PROMOTION IN PRIMARY CARE M. Aguilar Rodríguez, L. Dueñas Moscardó, J. Hurtado Llopis	3792
COLLABORATION MODELS OF STANDARD EDUCATION BETWEEN ACADEMIA AND NATIONAL STANDARDS AUTHORITIES P.T.S. Chou	3797
MYCLASS – A SMART AND EFFECTIVE ACTIVITY TRACKING TOOL FOR TEACHERS OF THE 21ST CENTURY E.C. Hillemann, M.D. Kickmeier-Rust, D. Albert	3798
IMPROVING STUDENTS MOTIVATION FOR THE COMPUTER ARCHITECTURE E.M. Garzon, J. López Redondo, J.M. Molero, P. Martinez Ortigosa	3805
PROFESSIONAL SOCIAL NETWORKING FOR EDUCATION - A LOOK AT NETWORKING GROUPS S. Bar-Tal, T. Seifert	3811
THE TRUE VALUE OF MATERIALS: ESTABLISHING A COMMUNITY OF PRACTICE AND TRANS-DISCIPLINARY LEARNERS VIA A FUNDED RESEARCH PROJECT TO ESTABLISH A NEW 'LIVE TEACHING' EDUCATION MODEL J. Farrer, M. Walker	3820
FACEBOOK AS AN INFORMAL LEARNING PLATFORM T. Pupovci, E. Mustafa, V. Kastrati, B. Nallbani, T. Hatziapostolou	3832
DESIGN AND CONSTRUCTION OF A SOLAR POWERED STREETLIGHT SYSTEM F. Morakinyo, O. Adu, A. Atayero	3841
FACTORS INFLUENCING ADOPTION OF E- SERVICES IN IRANIAN UNIVERSITIES S. Nazemi, A. Mirabi, M. Nazemi	3848
IN-SERVICE TEACHERS' EXPERIENCES OF TEACHING WITH COMPUTERS IN RURAL SOUTH AFRICAN CLASSROOMS F. Gunzo, L. Dalvit	3859
APPLYING THE FLEXILEVEL TEST ALGORITHM TO POSTGRADUATE FORMATIVE ASSESSMENT: IMPLICATIONS FOR THE DESIGN OF EDUCATIONAL EXPERIENCES A. Pyper, M. Lilley, P. Wernick, A. Jefferies	3867
ASSEMBLING A PAPER: HELPING ENGLISH-LANGUAGE LEARNERS TO WRITE FROM SOURCES R. Lavin	3872
CLOUD TECHNOLOGIES AS MEANS FOR PROMOTING SOCIAL CONSTRUCTIVISM IN SCIENCE TEACHER EDUCATION COURSES M. Barak	3879
DEVELOPING AN INTERACTIVE STUDENT RECRUITMENT PORTAL FOR UNIVERSITY-INDUSTRY COOPERATION IN NIGERIA O. Oladipupo, J. Daramola, I. Afolabi	3896
THE TEACHING OF CULTURAL AND CREATIVE ARTS (CCA) IN NIGERIAN SCHOOLS: PROBLEMS AND PROSPECTS S. Nnamani	3905
TOWARDS A TAXONOMY OF IPAD APPS AND ACTIVITIES FOR FOREIGN LANGUAGE EDUCATION R. Lavin, M. Yoshii	3911
IMPLEMENTING A DEPARTMENTAL ACTIVITY INFORMATION SYSTEM FOR TERTIARY INSTITUTIONS IN DEVELOPING COUNTRIES A. Azeta, N. Omoregbe, C. Nwankwo	3916

ALLIANCES FOR KNOWLEDGE: MOOCS FOR A NEW MODEL OF UNIVERSITY (NEGATIVE AND POSITIVE ASPECTS) M.A. Garito, A. Caforio	3921
IMPROVING THE ONBOARDING USER EXPERIENCE IN MOOCS J. Renz, T. Staubitz, J. Pollak, C. Meinel	3931
DESIGN AND IMPLEMENTATION OF YORUBA LANGUAGE MOBILE TUTOR N. Omoregbe, A. Azeta, A. Adewumi, O.O. Omotoso	3942
THE USE OF SMARTPHONE TECHNOLOGIES BY STUDENTS IN THE EDUCATION ENVIRONMENT R. Law, J. Devon	3948
THE JIGSAW: A COOPERATIVE LEARNING TECHNIQUE AS A TOOL OF TEACHING-LEARNING FACILITATOR IN PHYSICAL THERAPY. EFFECTS OF WORKING WITH MUSIC AS A MOTIVATIONAL TOOL TO ENHANCE THE JIGSAW BENEFITS L. Dueñas Moscardó, M. Aguilar Rodríguez, J. Hurtado Llopis	3958
DEVELOPMENT OF A FILE TRACKING SYSTEM FOR TERTIARY INSTITUTIONS N. Omoregbe, A. Azeta, A. Adewumi, E. Edeh	3963
HEURISTIC EVALUATION OF A MOODLE-BASED E-LEARNING PLATFORM O. Daramola, O. Oladipupo, I. Afolabi, A. Olopade	3971
WRITING WORKSHOP AND HEARING IMPAIRED STUDENTS G. Karasu	3981
UNDERGRADUATE INTERPROFESSIONAL SIMULATION: AN INNOVATIVE PILOT PROJECT J. Gwenter, R. Barker	3982
CERTIFIED SCRUM MASTER IN THE UNIVERSITY WEB ENGINEERING COURSES M. Petrov, A. Aleksieva-Petrova	3984
DEVELOPMENT AND IMPLEMENTATION OF EDUCATIONAL PORTABLE EQUIPMENT FOR ARTIFICIAL COLD PRODUCTION SUBJECTS D. Sanchez García-Vacas, R. Cabello López, E. Torrella Alcaraz, J. Patiño Pérez, R. Llopis Doménech, C. Sanz Kock, D. Conesa Sorolla, H. Negre Gómez, C. Rodríguez Rodrigo, J. San Mateo Sanahuja	3994
USE OF EXCELLENCE MODELS AS A MANAGEMENT MATURITY MODEL IN EDUCATIONAL ORGANIZATIONS J.R. García Aranda	3999
MEASUREMENT OF GRAMMAR AND VOCABULARY KNOWLEDGE WITH MULTIPLE- CHOICE TEST ITEMS IN GERMAN TEACHING AS A FOREIGN LANGUAGE A. Turhan	4006
EXCELLENCE AND INNOVATION: SOME EXPERIENCES FROM SPANISH SCHOOLS J.R. García Aranda	4007
TEACHING STRATEGIES MEDIATED BY TECHNOLOGY IN BLENDED LEARNING AND ITS IMPACT ON LEARNING R. Carranza Alcántar, J.F. Caldera Montes, A. Jiménez Padilla	4016
PILOT ONLINE COURSES IN FINNISH LANGUAGE R.L. Valijarvi	4023
MASSIVE ONLINE ASSESSMENTS. EXPERIENCES MANAGEMENT APPLICATION A.M. Ramírez Bedolla, P. Clares García	4024
COMPETENCE ASSESSMENT: FROM CHILDHOOD TO ADULTHOOD E.O. Lungu, A.M. Zamfir, L. Grecu	4034
MOTIVATING THE MASSES - GAMIFIED MASSIVE OPEN ONLINE COURSES ON OPENHPI	4042
C. Willems, N. Fricke, S. Meier, R. Meissner, K.A. Rollmann, S. Voelcker, S. Woinar, C. Meinel THE EFFECTS OF SOCIOECONOMIC STATUS OF IRANIAN WIDE ENTRANCE EXAMINATION ON THEIR EDUCATIONAL PERFORMANCES DURING 2001-2009 BY DATA MINING TECHNIQUES S.B. Mirashrafi, E. Khodaie, E. Jamali	4053
USING MOODLE 2.5 FOR E-EVALUATION AND ASSIGNMENTS FOR STUDENTS LEARNING AT COVENANT UNIVERSITY I. Wogu, A. Atayero, A. Abolade, F.C. Chidozie, F. Olu-Owolabi, A. Godwyns, A. Gideon	4063
COMPETENCIES IN INFORMATION AND COMMUNICATION TECHNOLOGIES OF THE UNIVERSITY PROFESSOR. A SYSTEMATIC REVIEW OF LITERATURE O.V. Garcia-Sanchez, J.A. Rodelo-Moreno, A. Zaldivar-Colado, C. Tripp-Barba, J.A. Aguilar-Calderon	4072

ANALYSIS OF THE EFFECT OF CLASS ATTENDANCE ON STUDENTS' ACADEMIC PERFORMANCE USING ASSOCIATION RULE MINING TECHNIQUE O. Oladipupo, J. Daramola, O. Oyelade, I. Afolabi	4079
FAILING THE SUBJECT OF COMPUTER PROGRAMMING, A PROBLEM UNDERLYING DROP-OUTS IN FIRST DEGREE PROGRAMS IN COMPUTER SCIENCE A. Zaldivar-Colado, J. Lizarraga-Reyes, J.A. Rodelo-Moreno, M. Moncada-Estrada, C.E. Zurita-Cruz	4084
ANALYSIS OF THE EFFECTIVENESS OF COMPETENCIES APPROACH IN THE EVALUATION OF STUDENTS IN KAZAKH NATIONAL MEDICAL UNIVERSITY NAMED AFTER S.D ASFENDIYAROV B. Kaliullayev, S. Bekbayev	4088
EDUTAINMENT AT THE HIGHER EDUCATION AS AN ELEMENT FOR THE LEARNING SUCCESS M. Banek Zorica	4089
THEORETICAL FUNDAMENTS OF MODERNIZATION UNIVERSITY CURRICULUM FOR AGRICULTURAL DISCIPLINES. EXAMPLES OF GOOD PRACTICE FOR MANAGEMENT OF REGIONAL DEVELOPMENT M. Stanciu, G. Ungureanu	4098
BEYOND BOUNDARIES - LIVE-ACTION ROLE PLAY IN THE CLASSROOM AS A PATHWAY TO INTEGRATIVE LEARNING L. Gjedde	4107
CURRICULUM DEVELOPMENT PROCESS REDESIGN BASED ON UNIVERSITY-INDUSTRY COOPERATION P. Matkovic, P. Tumbas, M. Sakal, V. Pavlicevic	4113
DEGREE OF VISUAL IMPAIRMENT AND ITS INFLUENCE ON THE SECONDARY SCHOOL STUDENTS' RELATIONSHIP TOWARDS ICTS V. Regec	4124
FLIPPED CLASSROOM IN HIGHER EDUCATION B. Bocchi, G. Cavrini, F. Ravanelli	4129
SELECTED ASPECTS OF THE EVALUATION OF E-ACCESSIBILITY IN THE CONTEXT OF VISUAL IMPAIRMENT AT UNIVERSITIES IN THE CZECH REPUBLIC AND SLOVAKIA V. Regec, M. Regec	4130
EVALUATION OF ECOLOGICAL CONTENTS IN SCHOOL TEXTBOOKS USING A SEMANTIC NETWORK C. Lorenzi, M.C. Tatano, L. Beccarisi	4131
DEVELOPING MODELS FOR EMBODIED LEARNING WITH LIVE INTERACTIVE SIMULATIONS L. Gjedde	4132
INTEGRATING CONTENT-BASED TEACHING INTO GENERAL ENGLISH COURSES E. Tikhonova, T. Golechkova	4133
THE IMPACT OF WEB 3.0 TECHNOLOGIES IN E-LEARNING: EMERGENCE OF E-LEARNING 3.0 P. Miranda, P. Isaias, C.J. Costa	4139
THE ATTITUDES OF EFL STUDENTS TOWARDS LITERATURE COURSES IN THE ENGLISH DEPARTMENT AT UNIVERSITY OF OUARGLA-ALGERIA H. Benzoukh	4150
DESIGN FOR SUPPORTING DIALECTICAL CONSTRUCTIVIST LEARNING ACTIVITIES Y. Wu, P.C. Shih, J.M. Carroll	4156
DISTRIBUTED PRACTICE: EDUCATING DESIGNERS ON THE URBAN INTERFACE R. Rickenberg	4165
GOOGLE IT: CRITICAL THINKING AND PROBLEM SOLVING IN THE INTERNET AGE A. Arya, L. Nardon	4166
EXAMINING OF CURRICULUM OF RELIGIOUS CULTURE AND MORAL KNOWLEDGE CLASSES IN PRIMARY SCHOOLS IN TURKEY FROM APPROACH OF DEVELOPMENT OF EDUCATIONAL PROGRAM B. Gürer, S. Can Öneren	4174
ICT TEACHING PRACTICES OF TEACHERS OF STUDENTS WITH INTELLECTUAL DISABILITIES: EXPERIENCE FROM SINGAPORE D.C.T. Tan, M.E. Wong	4182

AN ATTEMPT TO IMPROVE LEARNING THROUGH THE REDESIGN OF BACK OF THE CHAPTER PROBLEMS WITH THE LEVERAGE OF TECHNOLOGY E.K. Tshitshonu	4183
INNOVATION EDUCATIONAL TECHNOLOGIES FOR XXI CENTURY O. Kapelko, G. Malinetskiy	4184
AN ATTEMPT TO SUPPORT AUTHENTIC LEARNING WITH TECHNOLOGY E.K. Tshitshonu	4194
INTERACTIVE SCENARIO-BASED SERIOUS GAMES FOR SCIENCE LEARNING IN MIDDLE AND HIGH SCHOOL CLASSROOMS Y. Lou	4199
THE GRAPH IN THE FRONTIER: CULTURE AND ART OF TIJUANA A. Serrato-Martinez	4200
THE EFFECT OF DELAYED SELF- VS. TEACHER CORRECTION ON THE EFL LEARNERS' RETENTION OF CORRECT GRAMMATICAL FORMS A. Hamed Barghi, Z. Seifoori, H. Rafieyan	4203
FOSTERING CO-CREATIVITY IN LEARNING THROUGH DIGITAL GAMING: EDUCATIONAL SCENARIOS DEVELOPED BY SCHOOL COMMUNITIES CO-DESIGNING THE C2LEARN SOLUTION P. Koulouris, E.V. Dimaraki	4204
LEADERSHIP FOR IMPROVED INSTITUTIONAL PERFORMANCE M. Masino	4214
THE INCLUSION OF PROFESSIONAL ETHICS IN THE COURSE CURRICULUM DESIGN FOR PROPERTY AGENTS H. Antoniades	4219
THE VALUE OF EDUCATION AS A PRE-REQUISITE FOR OCCUPATIONAL LICENSING IN THE BUILT ENVIRONMENT H. Antoniades	4227
A NEW MODEL FOR FINANCIAL LITERACY EDUCATION: COMPETENCY BASED ACTION LEARNING (COBAL) N. Lee	4236
ACCREDITATION: TECHNOLOGY AND CONTINUOUS IMPROVEMENT MATTER R. Rabbitt	4243
ENGESTRÖM'S ACTIVITY THEORY SYSTEM AS A TOOL FOR THE QUALITY ASSURANCE OF E-LEARNING ENVIRONMENTS: A MULTIDISCIPLINARY APPROACH $V.\ Dosi$	4249
TRANSITIONS: THE IMPACT OF ICT ON GENERIC SKILL DEVELOPMENT IN SCOTTISH SCHOOL D. Nwaozuzu	4257
INTERNATIONALIZATION OF HIGHER EDUCATION IN TECHNOLOGICAL DEGREES TO BOOST THE HOME-GUEST INTERACTIVE LEARNING D. Chinarro, M.L. Sierra Huedo	4263
THE USE OF INTERACTIVE WHITE BOARD IN INQUIRY BASED EDUCATION: EXPERIENCE FROM THE CASE STUDY IN CZECH REPUBLIC R. Ryplova, M. Majerova	4272
IMPLEMENTING THE INQUIRY APPROACH IN SCIENCE EDUCATION TO EXAMINE INTERDISCIPLINARY ISSUES: CASE STUDY BIOLOGY-CHEMISTRY R. Ryplova, H. Svobodova	4279
DECONSTRUCTING BIASED METAPHORS ABOUT "THE OTHER" AS FOUND AMONG THE UNIVERSITY STUDENTS D. Ilisko, S. Ignatjeva	4286
THE COMPLEX PICTURE OF NOVEL USE OF MOBILE AND UBIQUITOUS TECHNOLOGIES IN EVERYDAY TEACHING AND LEARNING PRACTICES S. Salavati	4293
LINKING PROCESS, TEACHING AND RESEARCHING IN DENTAL SCHOOL PROGRAM AT THE UNIVERSIDAD VERACRUZANA G. Capetillo Hernandez, S. Flores, E. Torres, L. Tiburcio, F. Leyva, C.L. Parra, M. Diaz, S. Rendón, T.	4303
Mendez THE EDUCATIONAL ASPECT OF RUSSIAN-SOUTH CAUCASIAN CONFLICTS AND REGULATION STRATEGIES A. Meebrishvili	4304

RUSSIAN COLONIAL POLITICS IN GEORGIA BY GERMAN TRAVELER MORITZ WAGNER IN THE 1ST HALF OF THE XIX CENTURY G. Sosiashvili	4310
DOCTORAL STUDENTS' EVERYDAY EXPERIENCES IN THE CHANGING CONTEXTS M. Maunula	4314
TEACHERS' ROLE IN THE TECHNOLOGICAL ERA OF THE 21ST CENTURY T. Timor	4322
EDUCATIONAL AND CAREER IMPLICATIONS FOR THE USE OF TECHNOLOGY OF EXTREME FIELD PREFERENCE COGNITIVE STYLES IN THE UNITED STATES B. Wooldridge	4336
HOW STORYTELLING AND ORAL HISTORY CAN CREATE A MOST SIGNIFICANT CHANGE! J.C. McDermott, F. Chapel	4337
WHAT DID WE DO BETWEEN 1998-2012 IN TURKEY? A REVIEW OF THE RESEARCH ON NATURE OF SCIENCE N. Dogan, S. Irez, E. Erdas	4342
ACADEMIC LITERACY: A STUDY OF L2 ACADEMIC READING LITERACY AMONG A GROUP OF EFL/ESL POSTGRADUATE LEARNERS IN A BRITISH UNIVERSITY H. Khadawardi	4343
MAIN CONCLUSIONS OF 5 YEARS ITWORLDEDU SUMMIT AND ITS IMPACT ON THE EDUCATIONAL SECTOR M.A. Prats Fernández, E.S. Ojando Pons, E. Rodríguez García	4344
IMPROVISATIONAL CREATIVITY AND INNOVATIVENESS OF SMES: ROLE OF EXPLORATIVE LEARNING STRATEGY N. Valaei, Y. Mahmoudian	4350
RESEARCH CAPACITY BUILDING OF ACADEMICS – A CONCERN FOR UNIVERSITIES IN DEVELOPING COUNTRIES ZH. Tleshova	4367
MENTAL MODELS OF PRE-SCHOOL SDUDENTS REGARDING THE FAMILY CONCEPTS E. Asikuzun, A.O. Kildan	4368
EFFECTS OF SOCIO-AFFECTIVE STRATEGIES TRAINING ON SPEAKING ABILITY AND ANXIETY REDUCTION AMONG IRANIAN INTERMEDIATE EFL LEARNERS M. Moloudi, P. Haji Mohamad Ebrahim	4369
WEB 2.0 ENHANCED LANGUAGE LEARNING: FACT OR FAD? M.L. Martins, G. Moreira, A. Moreira	4379
USING ENGLISH LEARNING APPLICATION IN MOBILE ENVIRONMENT TO SUPPORT LEARNING OF DYSLEXIC STUDENTS Z.N. Mohamed Zain	4388
MAKING DIGITAL ASSETS ACCESSIBLE WITHOUT BREAKING THE LAW J. Keen	4389
NEW LEARNING PATHS FOR AUGMENTED LEARNING G. Torrisi	4390
MEMORIZATION OR UNDERSTANDING: ARE WE TEACHING THE RIGHT THING? E. Mazur	4391
NOT BY CHANCE, BUT BY DESIGN! K. Sethi	4392
ADAPTATION OF THE SUBJECT "MANAGEMENT OF FOOD QUALITY AND SAFETY" OF "FOOD SCIENCES AND TECHNOLOGY" DEGREE TO THE EUROPEAN CREDIT TRANSFER SYSTEM O. Martinez, M. Arroyo-Izaga, A. Lasa	4393
DYNAMICS IN CLASS: AN INTERVENTION WITH PARTICIPATORY METHODOLOGIES A. Rodriguez, E. Cavieres, C. Negrete	4401
PRE-SERVICE TEACHERS' SCIENCE CONTENT KNOWLEDGE: AN EGYPTIAN PERSPECTIVE W.M. Moawad Abd-El-Aal, A. Steele	4407
RE-SETTING DEFAULT PEDAGOGIES IN NEXT GENERATION LEARNING SPACES C. Hall van den Elsen, T. Palaskas	4418
TRANSNATIONAL LEARNING FOR TRANSNATIONAL TEACHING C. Hall van den Elsen, C. Scholz	4425

IMPACT OF STRESS REDUCTION AND COPING STRATEGIES ON ACADEMIC SUCCESS OF PART-TIME ADULT SCIENCE STUDENTS A. Chaudhry	4430
FLIPPING YOUR CLASSROOM - EXPERIENCES IN A FLIPPED LANGUAGE AND MATH CLASSROOM M. van Ast, R. Njoo	4442
SUCCESS ON INCREASING NUMBER OF STUDENTS THAT PASS THE COASTAL ENGINEERING SUBJECT	4443
M. Navarro-Pons, J.J. Muñoz-Pérez, G. Anfuso, J. Román-Sierra, L. Moreno METHODS TO INCREASE STUDENT ENGAGEMENT IN THE SUBJECT COMPUTER SCIENCE	4449
L.G. Pérez Cordón, F. Mata Mata, A.L. García Fernández, C. Martínez Cruz, C. Porcel Gallego TECHNICAL AND ORGANIZATIONAL CHALLENGES FOR ONLINE SEMINARS	4459
U. Borgolte, M. Gerke, I. Masár TEACHING INTERCULTURAL COMPETENCE: AN ONLINE EXPERIENCE	4464
M. Fabregas Janeiro, J. Atiles	
EVALUATION OF THE EFFECTIVENESS OF CO-TEACHING RESEARCH METHODS TO MEXICAN STUDENTS AT OKLAHOMA STATE UNIVERSITY M. Fabregas Janeiro, M.L. Gaeta Gonzalez, P. Nuno de la Parra	4465
BEST PRACTICES FOR TEACHING ACCOUNTING COURSES ONLINE C. Fajardo	4466
SUSTAINABILITY AND HABITABILITY IN ARCHITECTURE. TEACHING COMPLEX CONCEPTS M. López de Asiain Alberich, J.G. Luna Montes	4476
WRITERS' RETREATS: AN OPPORTUNITY FOR IMPROVING ACADEMIC WRITING AND PUBLICATION SUCCESS H. Hamerton, C. Fraser	4482
USING HIDDEN-MARKOV MODEL IN SPEECH-BASED EDUCATION SYSTEM FOR THE VISUALLY IMPAIRED LEARNER A. Azeta, C. Ayo, N. Omoregbe, V. Osamor	4489
THE ENGINEERING GENERALIZED FUNCTIONS: AN EDUCATIONAL STUDY P. Camarena Gallardo	4496
MATHEMATICAL MODELS IN ENGINEERING P. Camarena Gallardo	4505
IN-CLASS PEER REVIEWS: HOW EFFECTIVE ARE THEY? C. Varaprasad	4514
HOW TO SURVIVE AS A STUDENT ON PLACEMENT: USE OF BLENDED LEARNING WORKSHOPS TO PREPARE RADIOGRAPHY STUDENTS FOR THEIR FIRST CLINICAL PLACEMENT M. Ellwood, N. Crohn	4515
NEW FINAL PROJECTS NORMS AT SPANISH UNIVERSITIES A. Salandin	4524
WHEN SETS AND REPS AREN'T ENOUGH: TACIT KNOWLEDGE IN THE GYM STORIES J. Kratka	4531
MANAGEMENT SUPERVISION IN BASIC EDUCATION AND UPPER SECONDARY SCHOOL LEADERSHIP – SUPPORT FOR WELL-BEING L. Ollila	4539
THE LEARNING SCHOOL: THE SPECIFIC CONTRIBUTION OF THE INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) R. Cunha	4546
STUDENT ENGAGEMENT: MORE THAN BELLS AND WHISTLES E. Snyman-Van Deventer	4552
USING A PROJECT PLATFORM IN INTERNATIONAL PROJECTS AND IN THE LOCAL CLASSROOM - CHANCES AND PITFALLS I. Stritzelberger	4557
LEARNING COMMUNITIES AND EDUCATIVE VALUES: A SHARED SOCIAL TASK M.A. Ordóñez Iiménez, M.A. Ballesteros-Moscosio	4558

LEVEL OF ADEQUACY OF THE LANGUAGE PROVISION IN THE NATIONAL POLICY OF EDUCATION (NPE) IN PRIMARY AND SECONDARY SCHOOLS IN SOUTHWESTERN NIGERIA B. Adeyemi	4568
DIFFERENT TEACHING MODELS AND RESPECTIVE KIND OF PROBLEMS AND PROBLEM SOLVING J. Valadares	4575
EFFECTS OF INDIVIDUALIZED INSTRUCTION AND TEAM TEACHING STRATEGIES ON JUNIOR SECONDARY SCHOOL STUDENTS' ACHIEVEMENT IN SOCIAL STUDIES IN OSUN STATE, NIGERIA A. Adeyemi	4583
RECONSTRUCT THE TEXTURE: THE PROFESSIONAL EPISTEMOLOGY BETWEEN FORMAL, NON-FORMAL AND INFORMAL LEARNING M.R. Strollo	4591
THE PROFESSIONAL COMPETENCIES REQUIRED OF TEACHING ASSISTANTS OF ARCHITECTURAL DESIGN IN TECHNOLOGICAL UNIVERSITIES K.H. Huang, T.J. Wang	4602
VIRTUAL LABORATORY OF DYNAMICS A. Craifaleanu, C. Dragomirescu, I.G. Craifaleanu	4612
E-LEARNING SOFTWARE PACKAGE FOR THE STUDY OF THE KINEMATICS OF THE RELATIVE MOTION A. Craifaleanu, C. Dragomirescu, I.G. Craifaleanu	4620
KEY PERFORMANCE INDICATORS FOR THE TEACHING IN HIGHER EDUCATION QUALITY MODEL (THEQM) P. Pouyioutas	4629
BARRIERS TO ACCESSING SUPPORT SERVICES IN EMPLOYMENT AND HEALTH CARE FOR ADULTS WITH AUTISM SPECTRUM DISORDERS: A QUALITATIVE STUDY A. Henry	4641
IMPROVING SENIOR SECONDARY STUDENT TRANSITION OUTCOMES: A PROCESS EVALUATION OF SIX COMMUNITY NETWORKS ESTABLISHED TO INCREASE STUDENT PATHWAYS AND ACHIEVEMENT C. Young, J. Clinton	4647
ANALYSIS OF MOBILE DEVICES AS A SUPPORT TOOL FOR PROFESSIONAL MEDICAL EDUCATION IN THE UNIVERSITY SCHOOL L. Briz Ponce, J.A. Juanes Méndez, F.J. García Peñalvo	4653
EXTRACTING FULL POTENTIAL OF FL WHILE LEARNING SL: A CASE STUDY E. Eldokali	4659
STUDENT ENGAGEMENT IN VIDEO CASE BASED UNDERGRADUATE BUSINESS TEACHING K. Pond	4660
THE NE.FO.DO PROJECT: A NEURODIDACTIC OF FOREIGN LANGUAGE F. Di Gesù	4671
A PERCEPTIVE-CONTRASTIVE LINGUISTICS OF SPANISH AS L2: A NEW METHODOLOGY OF CONTRASTING LANGUAGES F. Di Gesù	4677
MAKING THE CASE FOR NEW TEACHING METHODS IN FINANCIAL MANAGEMENT USING EMPIRICAL EVIDENCES FROM NIGERIA B. Oyewo, F. Olokoyo	4684
VISUAL IMAGERY TO ENHANCE L2 SPELLING PROFICIENCY: A CASE STUDY OF L2 SPELLERS IN LESOTHO, SOUTHERN AFRICA A. van Staden, M. Tumo, A. Tolmie, E. Vorster, E. Swart	4694
TEACHING BUSINESS GERMAN ONLINE I. Vlckova	4700
FOREIGN LANGUAGE STUDY AND ONLINE TESTS H. Neumannova	4710
LINKING MATHEMATICS RESEARCH TO SECONDARY SCHOOL CLASSROOMS: THE GK-12 MAVS PROGRAM M. Cordero, J. Epperson, T. Jorgensen	4715
TALE OF EXPERIENCE MINDFULNESS UNIVERSITY M. De Simone, M.R. Strollo	4724

VIDUSIGN: THE CREATIVE USE OF VIDEO FOR THE DEAF YOUNG PEOPLE C. Serrano, C. Cambra, C. Laborda, N. Silvestre	4735
USING SOCIAL SOFTWARE FOR EXPERIENTIAL LEARNING FOR THE NET GENERATION IN HIGHER EDUCATION S. Roodt, C. de Villiers	4736
PHONOLOGICAL AWARENESS AND READING COMPETENCE: A FOSTER MODEL A. Acosta Sandoval, E. Duarte Briceño, R. M. Osés Bargas	4737
"DIVERSETHEATRE": STAGE FICTION AS SPECIAL EDUCATIONAL PRACTICE G. Compagno	4746
A SPECIALIZED TERMINOLOGY TO DOCUMENT THE TEACHING G. Compagno	4753
SAVING HIGHER EDUCATION IN THE U.S. BY REDUCING THE NUMBER OF ADMINISTRATORS AT COLLEGES & UNIVERSITIES C. Gibaldi	4761
ADAPTIVE LEARNING TECHNOLOGY: SCIENTIFIC RESEARCH AND NEW TECHNOLOGY LEADS TO FASTER LEARNING AND BETTER RETENTION M. van Sterkenburg	4762
3D TEACHING: THE IDEAL COMPLEMENT FOR PROFESSIONALS IN DESIGN AND CONSTRUCTION J.C. Pérez Sánchez, B. Piedecausa García	4766
CONSTRUCTION OF STRUCTURES I IN MOODLE: A NEW TEACHING METHODOLOGY IN THE DEGREE OF BUILDING ENGINEER B. Piedecausa García, J.C. Pérez Sánchez	4774
NEW TEACHING METHODOLOGIES TO BOOST THE INTERDISCIPLINARITY IN HIGHER EDUCATION	4790
B. Corchuelo Martinez-Azua, M.A. Blanco Sandía, N. Corrales Dios, M.J. López Rey SOME ASPECTS IN REMOTE SENSING METHODS EDUCATION AT THE DEPARTMENT OF GEODESY AND CADASTRE OF THE VGTU B. Ruzgiene, S. Gečytė, C. Aksamitauskas	4811
INTERACTIVE SIMULATIONS IN PHYSICS TEACHING: A CASE ON STUDENTS UNDERSTANDING FLUIDS STATICS M.V. Carbonell, M. Florez, E. Martínez	4818
STUDY ON THE PERCEPTION OF FACE AUTHENTICATION ACCORDING TO THE AGE OF LEARNERS F.D. Guillén-Gámez, I. García-Magariño	4824
DEVELOPING AN EDUCATIONAL PACKAGE TO TEACH CHILDREN WITH COGNITIVE DISABILITIES T. Allahyari, S. Tarighat	4834
COMPARATIVE STUDY INTEGRATION OF THE INTEGRATION OF INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT) IN EDUCATIONAL PROCESSES R.A. Gómez Ortíz, A.I. Alcántara Gúzman, E.V. Pichardo Gil	4840
THE IMPORTANCE OF PRACTICAL ACTIVITIES IN SCHOOL SCIENCE: PERSPECTIVES OF INDEPENDENT SCHOOL TEACHERS IN QATARI SCHOOLS Z. Said, H. Friesen, H. Al-Azzah	4847
THE ROLE OF COMPUTER-AIDED ASSESSMENT IN TEACHING OF LAW IN HEALTH PROTECTION: A COMPARISON OF STUDENT PERFORMANCE IN COMPUTER-BASED AND PAPER MULTIPLE-CHOICE QUESTIONS TESTS M. Panczyk, J. Belowska, J. Gotlib	4857
ELECTRONIC HEALTH RECORD: NURSE PERCEPTION J. Galimany Masclans, R. Sancho Agredano, J.M. Estrada Masllorens, A. Villamor Ordozgoiti	4866
STEM SCHOOL ACTIVITY DAYS A. Hooper	4868
SMART-PHONES: FROM DISTRACTION TO ATTRACTION M. Barchilon Ben-Av, R. Ben-Av	4874
"ALL THROUGH THE NIGHT"—AN INTER-PROFESSIONAL HIGH FIDELITY SIMULATION EXPERIENCE D. Chorney, A. de la Rocha, L. Graham	4879
DOES ECONOMICS AND HIGHER LEVEL MATHEMATICS IMPROVE STUDENT LEARNING IN PRINCIPLES OF ECONOMICS? G. Mallik, S. Shankar	4884

CONVERGENCE PROGRAM WITH LITERATURE, ART AND BIOLOGY IN SCIENCE GIFTED EDUCATION: A CASE STUDY K.I. Kang, Y.M. Kim	4885
EVOLUTION OF EDUCATION SYSTEM OF MEDICAL RESCUE WORKERS IN POLAND ON THE EXAMPLE OF WARSAW MEDICAL UNIVERSITY - GUIDELINES FOR CURRICULA G. Stachacz, J. Gotlib	4890
IMPACT OF QUALITY ASSURANCE SYSTEM IN EFFECTIVENESS OF VOCATIONAL EDUCATION (VE) IN ALBANIA M. Robo	4899
USING MYFEEDBACK, A MOBILE WEB 2.0 SYSTEM, TO HELP STUDENTS ENGAGE WITH THEIR FEEDBACK - A CASE STUDY AT A SCOTTISH UNIVERSITY M. Bikanga Ada	4910
INTERNATIONAL FINANCIAL REPORTING STANDARDS (IFRS) EDUCATION: IMPLICATIONS FOR TAXATION IN NIGERIA S. Faboyede, B. Oyewo, S. Fakile, O. Nwobu	4920
SCAFFOLDING THE LEARNING JOURNEY THROUGH COMBINING ONLINE VIDEO AND INTERACTIVE TESTS TO SCAFFOLD LEARNERS' PROGRESS ACROSS THE THRESHOLD CONCEPTS OF A MINORITY LANGUAGE (IRISH) C. Dawson	4929
PROCESSES OF SUPPORT AND SCHOOL MANAGERS TRAINING IN THE PERSPECTIVE OF INTEGRATED MANAGEMENT: THE CASE OF THE REGIONAL EDUCATION SUPERINTENDENCE IN MINAS GERAIS - BRAZIL C. Dusi, E. Stroppa, M. Machado, M. Sanabio	4937
SKILLS FOR CRE-ACTIVE PROBLEM-SOLVING W.U. Scholz	4949
PROPOSITION OF SOFTWARE WITH SUSTAINABILITY EFFECTS THAT WILL RECORD EVIDENCE TO VALIDATE THE EDUCATIONAL PROGRAMS AT THE SCHOOL OF ADMINISTRATION S. Flores Aguilar, G. Capetillo Hernández, L. Tiburcio, F. Leyva Picazzo, S. Rendón González, C.	4960
Pedroza	
OUTCOME-BASED EDUCATION OF MEDICAL RESCUE WORKERS IN POLAND ON THE EXAMPLE OF WARSAW MEDICAL UNIVERSITY – RECOMMENDATIONS FOR IMPROVEMENT OF EDUCATION PROGRAMMES G. Stachacz, J. Gotlib	4965
LEARNING AS SELF-TRANSFORMATION WITHIN THE CONTEXT OF UNIVERSITY QUALITY AND EXCELLENCE E. Ruiz Callejón	4974
CONCERNING USERS' PERCEPTIONS OF E-LEARNING RESOURCES IN A BLENDED MODEL S. Bauk	4983
FINANCIAL LITERACY EDUCATION POLICY IN NIGERIA: ESSENTIAL MONEY MANAGEMENT PRINCIPLES S. Faboyede, E. Ben-Caleb, A. Faboyede, B. Oyewo, O. Akande	4993
AN IMAGE DATABASE FOR TEACHING DON QUIXOTE SUPPORTING TEXTUAL EDITIONS AT THE CERVANTES PROJECT E. Urbina, F. González Moreno, L. Mandell, D. Cortez, D. Abraham, S. Elmquist	5000
IMPROVING TUITION AND STUDENTS' PERFORMANCES IN ACCOUNTING PROFESSIONAL EXAMS: A STUDY FROM NIGERIA B. Oyewo, O. Faboyede, S. Ojeka	5007
FOSS IMPLEMENTATION OF AN EDUCATIONAL VIRTUAL OFFICE SUITE A. Atayero, C. Keme, B. Ogunjobi	5018
FORMATION OF INTELLECTUAL IDENTITY OF ACADEMICS AS A KEY FACTOR IN DEVELOPING THE COMPETITIVENESS OF THE UNIVERSITY (IN THE EXAMPLE OF THE UNIVERSITIES OF KAZAKHSTAN) G. Menlybekova, Z. Tleshova, A. Ischanova	5028
RUBRICS AND PEER ASSESSMENT IN A VIRTUAL ENVIRONMENT: A CASE STUDY F. Castro Fernández	5035
LEARNING ENVIRONMENT AND ACADEMIC PERFORMANCE OF SECONDARY SCHOOL STUDENTS IN EXTERNAL EXAMINATIONS: A STUDY OF SELECTED SCHOOLS IN OTA M. Duruji, D. Azuh, F. Olarenwaju	5042

EDUCATION AND GENDERED ROLES IN POST- ADJUSTMENT IGBO SOCIETY M. Duruji, D. Azuh, F. Oviasogie, O. Ajayi	5054
VISUALIZATION TECHNIQUE FOR LEARNING COMPLEX TOPICS IN DATABASE ADMINISTRATION COURSE S.A. Khan	5062
CORPORATE VOLUNTEERING PROGRAMS AT UNIVERSITIES D. Gallardo-Vázquez, M.I. Sanchez-Hernandez	5068
TEACHING TEACHERS TO USE TECHNOLOGIES VIA USING TECHNOLOGIES: THE POTENTIAL OF BLENDED LEARNING A. Nazarenko	5077
"EDUCATION TO LISTENING" LABORATORIES: EXPERIENCES OF REFLECTIVE LABORATORIES IN UNIVERSITY CURRICULA A. Romano, M.R. Strollo, B. Galante	5084
ORGANIZATIONAL STRUCTURE AND STRATEGY FOR SOCIAL RESPONSIBILITY PURPOSES AT UNIVERSITIES M.I. Sanchez-Hernandez, D. Gallardo-Vázquez	5094
COMPARATIVE STUDY OF LEARNING APPROACHES IN UNDERGRADUATE COURSES OF CALCULUS A. Berkova	5101
SHARED MANAGEMENT: A STUDY OF THE RELATION BETWEEN COMMUNITY PARTICIPATION AND IMPROVEMENT IN SCHOOL RESULTS R. Brito, L. Síveres	5107
TEACHING METHOD AND ASSIMILATION OF STUDENTS IN TERTIARY INSTITUTIONS: A STUDY OF COVENANT UNIVERSITY, NIGERIA M. Duruji, D. Azuh, J. Segun, I. Olarewanju, U. Okorie	5116
BRILLIANT MINDS: THE ROLE OF UNIVERSITIES IN SUPPORTING STUDENTS WITH EXTRAORDINARY ABILITIES T. Jewels, R. Albon	5127
MEANS OF ENHANCING STUDENTS' READING PROFICIENCY USING MOBILE LEARNING K. Hamdan, A. Amorri	5135
AUTOMATED SCORING OF EFL LEARNERS' WRITTEN PERFORMANCE: A TORTURE OR A BLESSING? R. Khoii, A. Doroudian	5146
TRAININGS AND NEW EDUCATION METHODS IN THE ACCOUNTING DEPARTMENTS FOR SUSTAINABLE WORKPLACE DEVELOPMENT T. Farcas, A. Tiron-Tudor	5156
THE CRISIS OF HIGHER EDUCATION IN GEORGIA: ISSUES AND PROBLEMS OF EDUCATIONAL REFORMS R. Mekvabidze	5164
GRANT OFFICE – THE WAY TO SUCCESSFUL PROJECTS – PROJECT OUTCOME M. Vejchodova, E. Prazakova, J. Novotna	5172
TRENDS AND CHALLENGES OF OPEN AND DISTANCE LEARNING PRACTICE IN AFRICA A. Gesinde, M. Oladejo	5179
INFLUENCE OF FAMILY STABILITY ON ACADEMIC PERFORMANCE AMONG SENIOR SECONDARY STUDENTS IN OTA, NIGERIA O. Adekeye, A. Gesinde, O. Abimbola	5184
INSTRUCTION INFLUENCE ON SOCIAL MEDIA USE S.A. Horgen, T.O. Olsen	5193
EARLY IDENTIFICATION OF UNDER-PERFORMING STUDENTS FOR PROACTIVE ASSISTANCE THROUGH FORMATIVE EVALUATION B. Vidal, P. Sanchis, J. Gosalbez, J. García	5201
EVALUATION OF THE USE OF ONLINE PRE-EVALUATION TESTS FOR ENHANCED LEARNING IN PRACTICAL LESSONS – A CASE STUDY B. Vidal	5205
TUTORIAL VIDEOS OF STATISTICS IN A TABLET: APPES J.E. Ruiz-Castro, A.M. Aguilera, F.J. Alonso, M. Escabias, J. García-Montero, R. Raya-Miranda	5209
PERSONAL EMPLOYABILITY SKILLS PORTFOLIOS FOR SUSTAINABLE DEVELOPMENT M. Dauson	5221

THE INSTRUMENTALITY OF DIGITAL PORTFOLIOS IN THE EDUCATIONAL PSYCHOLOGISTS TRAINING A.P. Couceiro Figueira	5231
E-ASSESSMENT AS TOOL TO IMPROVE STUDENTS' LEARNING EXPERIENCE AND PASS RATES IN MECHANICAL ENGINEERING S.N. Basson, H.C. Van der Watt, C. Hancke	5237
TO WIL OR NOT TO WIL B. Van Wyk, S.N. Basson	5246
ENHANCING GRADUATE ATTRIBUTES UTILISING SOCIAL MEDIA G. Bates, G. Hinch	5250
A CLASSROOM TECHNOLOGY IN HIGHER EDUCATION: STUDENT'S PERSPECTIVE OF THE USE OF IPAD IN THE CLASSROOM M. Patronis	5254
EVALUATION OF STUDENT SUPPORT SERVICES IN NATIONAL OPEN UNIVERSITY OF NIGERIA -THE STUDENTS' PERSPECTIVE C. Nnaka	5261
TWO DECADES OF TECHNOLOGICAL ENTREPRENEURSHIP: FROM "LAB TO MARKET" TO AN M.S. DEGREE IN "INNOVATION MANAGEMENT AND TECHNOLOGY COMMERCIALIZATION" M. Laric, D. Pitta	5269
DIFFERENCES IN PERCEPTION OF ELEMENTARY SCHOOL PRINCIPALS' LEADERSHIP CHARACTERISTICS: A TURKISH CASE F. Akdag	5277
LECTURE SLIDES WITH RECORDED VOICE M.J. Carvalho	5280
'I DID IT MOSTLY BY MYSELF': MYSHOUT! AND HOW IT WAS USED BY A 12-YEAR- OLD YOUNG RESEARCHER TO SUPPORT HIS OWN SOCIAL RESEARCH PROJECT L. Kerawalla, R. Webb	5287
IMPROVING BASIC ELECTRICAL PRINCIPLES IN MOTOR APPRENTICE EDUCATION P. Kenny	5298
UNDERSTANDING SELF MOTIVATED LEARNING TOWARD FORMAL LIFELONG LEARNING EDUCATION N. Abdul Razak, N.A. Mohamed Yunus, N.H. Asnawi, N.L. Ahmad	5304
INTERDISCIPLINARY COOPERATION IN METHODOLOGICAL IMPLEMENTATION PROCESS ADAPTED TO EHEA M. E. García-Ruiz, N. Gonzalez-Fernandez	5312
PRE-SERVICE PRIMARY SCHOOL TEACHERS' COMPETENCE REGARDING GEOMETRICAL SHAPES I. Zsoldos-Marchis	5315
EVALUATION OF STUDENTS' PERCEPTIONS OF LEARNING ARABIC THROUGH A BLENDED LEARNING APPROACH AT DEAKIN UNIVERSITY H. Kasem	5321
10 EFFECTIVE METHODS INFUSING CRITICAL THINKING WITHIN ONLINE EDUCATIONAL INSTRUCTION F. Ricci	5322
A NEW HORIZON FOR ONLINE TEACHING AND LEARNING A. Lopes, F. Soares, I. Vieira	5328
LAW CLINICS AS TOOL TO PROVIDE "HANDS ON" PRACTICE TO LAW STUDENTS P. Moyano-Cires, J. Del Pino, M.J. Diaz, M. Lobo, J. Garcia, M.A. Capo, M. Frejo	5336
CLICKER SYSTEM USE FOR PRACTICAL CASES RESOLUTION P. Moyano-Cires, J. Del Pino, M.J. Diaz, M. Lobo, J. Garcia, M.A. Capo, M. Frejo	5337
REDUCING TRANSACTIONAL DISTANCE THROUGH AUDIO-VISUAL FEEDBACK IN ONLINE COMPOSITION COURSES A. Grigoryan	5338
IMPACT OF FEEDBACK ON ASSESSMENT USING CLICKERS EMERGING TECHNOLOGY TO ENHANCE LEARNING S. Simelane-Mnisi, A. Mji	5344
SMOWL: A TOOL FOR CONTINUOUS STUDENT VALIDATION BASED ON FACE RECOGNITION FOR ONLINE LEARNING M. Labayen, R. Vea, J. Flórez, F.D. Guillén-Gámez, I. García-Magariño	5354

LEARNING MANAGEMENT SYSTEMS IN HIGHER EDUCATION A. Lopes	5360
LEARNING THROUGH GARDENING: THE HORTIS EXPERIENCE F. Magrefi, F. Orsini, G. Bazzocchi, G. Gianquinto	5366
THE M.IN.E.R.VA. PROJECT G.C. Messineo, S. Vassallo	5375
AN INNOVATIVE INQUIRY-ORIENTED ACTIVITY FOR PHYSICS LEARNING: THE CASE OF MOMENTUM CONSERVATION AND COLLISIONS J.A. Molina Bolívar	5383
INFORMATION AND COMMUNICATION TECHNOLOGY AS A LINK BETWEEN INFORMAL AND FORMAL LEARNING – EXAMPLES FROM CROATIA A.M. Rogić, J. Vrkić Dimić	5387
IMPROVING QUALITY AND VALIDITY IN RESEARCH AND EVALUATION STUDIES OF LEARNING TECHNOLOGIES A. Kirkwood, L. Price	5397
CONNECTING ECONOMIC THEORY TO THE REAL-WORLD EVENTS THROUGH THE CASE METHOD M.A. Martínez Navarro, E. Ferrándiz León, E. Flores Varo, M.M. Muñoz Leonisio	5405
DIFFERENTIAL AMPLIFIER KIT TO SUPPORT THE LABORATORY CLASSES OF ELECTRONICS FOR TELECOMMUNICATIONS J. Salvado, J. Oliveira, G. Martins	5406
BALANCED SIMULATION / EXPERIMENTAL APPROACH TO TEACH FUNDAMENTALS OF ELECTRONICS AND TELECOMMUNICATIONS J. Oliveira, J. Salvado	5417
MASTER IN THE MIX: TRANSITION FROM A REGULAR ON-CAMPUS MASTER OF STATISTICS INTO A BLENDED AND A DISTANCE PROGRAM S. Verbeken, M. Aerts, G. Molenberghs	5437
EXPLORING THE QUALITY OF EARLY LANGUAGE STIMULATION AND LITERACY ENVIRONMENTS AMONG GRADE 1 CHILDREN IN SOUTH AFRICA A. van Staden, N. Jeftha, F. Serrano, A. Tolmie, E. Swart	5446
E-PORTFOLIO IN SECONDARY SCHOOL: LITERATURE REVIEW R. Tudela Romero	5453
INTRODUCING THE INCLUSIVE LEARNING HANDBOOK: AN OER FOR TEACHERS AND POLICY MAKERS Y. Politis, D. Deveril, S. Baldiris Navarro, C. Avila, E. de Lera, T. Monjo, L. Goodman	5463
WORK PLACEMENT EXPERIENCE AT THE BACHELOR'S DEGREE IN TECHNICAL ARCHITECTURE J.A. Martínez Moya, M.J. Máñez Pitarch, J.T. Garfella Rubio, A. Soler Estrela	5470
SUSTAINABLE LEADERSHIP IN EDUCATION AS BASIS TO A NEW SOCIAL MODEL R. Brito, L. Síveres	5479
ENSURING ACADEMIC INTEGRITY WITH ONLINE PROCTORING L. Brymer	5485
TOPOGRAPHY AND TOPOGRAPHY AND SURVEYING APPLIED TO ARCHITECTURAL CONSTRUCTIONS: TWO DEGREES, TWO SUBJECTS, ONE CLASSROOM	5486
J.A. Martínez Moya, M.J. Máñez Pitarch, J.T. Garfella Rubio	E 40E
INNOVATING AND TRANSFORMING LEARNING AND TEACHING IN HIGHER EDUCATION: APPLYING A COMPREHENSIVE WHOLE BRAIN MODEL P. Du Toit, T. Bothma, A.L. De Boer, D. Scheepers	5495
SELF-REGULATION DURING PRE-SERVICE PRIMARY SCHOOL TEACHERS' MATHEMATICAL PROBLEM SOLVING I. Zsoldos-Marchis	5503
SEVEN YEARS ON: LEARNING TECHNOLOGIES IN A SEA OF ISLANDS D. Bhartu, T. Koroivulaono	5510
COMPUTERIZED BASED LEARNING: ICT ASSIMILATION WHILE LEARNING A SUBJECT MATTER A. Fattum, E. Salman	5520
DIGNITY IN CARE: ENHANCING ETHICAL PRACTICE AND CRITICAL REFLECTION BY THE STIMUL EXPERIENCE IN A CARE-ETHICS LAB T. Coucke, M. Roose-Van Duyn, L. Stevens	5530

HUMAN ANATOMY DIDACTICS J. Oliver, B. García	5537
TECHNOLOGICAL TENDENCIES IN HIGHER EDUCATION J. Oliver, B. García	5542
NEW TEACHING MODELS IN MEDIA COMPETENCE TRAINING: HOW TO TEACH MULTIMODALITY IN TRANSMEDIA NARRATIVE A. Elordui, V. Fernández, C. Peñafiel, I. Retolaza	5546
HOW VERY YOUNG LEARNERS LEARN TO CRACK THE CODE OF READING M. Moloudi	5555
ESL READING INSTRUCTION: ALIGNMENT OF CURRICULUM IMPLEMENTATION H. Sidek, H. Rahim	5559
MAKING THE MOST OUT OF VOCABULARY TEACHING WITH THE WONDERS OF THE WEB B. Yilmaz	5566
THE TUTORIAL ACTION PROGRAM AT THE ETSI MONTES/UPM IN THE EHEA FRAME: 5 YEARS OF EXPERIENCE IN ERASMUS STUDENTS PROGRAMS C. Calderón-Guerrero, M.P. Arraiza Bermúdez-Cañete, J.V. López Álvarez	5567
NURSING STUDENTS' EXPERIENCE OF CLINICAL INSTRUCTOR TEACHING BEHAVIOR N. EL Mokadem	5578
USER PERCEPTION OF THE AFFECT COMPONENT OF THE USABILITY OF PSYCINFO DATABASE A. Oulanov	5584
DESIGNING A B-LEARNING MASTER IN COLOR ENGINEERING FOR THE AUTOMOTIVE SECTOR	5593
F.M. Martínez-Verdú, E. Perales Romero, E. Chorro Calderón, V. Viqueira Pérez THE USE OF THE EMPLOYERS' STOCK OPTIONS AS AN INSTRUMENT TO INFLUENCE ORGANIZATIONAL BEHAVIOUR: ANALYSIS BASED ON ACADEMIC LIBRARIANS' PERCEPTIONS OF THE INSTRUMENT A. Oulanov	5603
GENERATING RESOURCES FOR TEACHING "ENVIRONMENTAL IMPACT ASSESSMENT" SUBJECT: TUTORIAL AND RESOLVED PRACTICAL CASES REPOSITORY S. Mateo, A.J. Moya, R. Pacheco, L. Martínez	5611
STRATEGIC DECISIONS FOR SUSTAINING QUALITY IN AN ONLINE GRADUATE EDUCATION DEGREE PROGRAM E. Whitford, B. Barnett	5616
ANALYSIS OF A MODEL FOR STUDENT ENGAGEMENT: INSTITUTIONAL CULTURE AND CHANGE PROCESS B. Barnett, E. Whitford	5624
TEACHING HOW TO FIND CHEMICAL INFORMATION C.A. Rius-Alonso, H.M. Torres Dominguez	5631
STUDENT SUPPORT SERVICES INFRASTRUCTURAL FRAMEWORK FOR EXCELLENT ACADEMIC PERFORMANCE IN TERTIARY INSTITUTIONS: A CASE STUDY OF COVENANT UNIVERSITY, NIGERIA Z. Omogbadegun, T. Oyedepo, F. Fasina, E. Omotosho	5641
ECONOMISTS AND BUSINESS MANAGERS LEARNING TOGETHER INFORMATION SYSTEMS M.E. Garcia-Ruiz, P.M. de Castro-Garcia	5651
DEPICT: DEVELOPING EMPLOYABILITY PROGRAMME USING INTERACTIVE CURRICULUM TECHNOLOGIES: RESULTS AND FINDINGS FROM THE PROJECT E. Caulfield, J. Monk, E. Arntsen, J. Rypestol, D. Galiana, G. Zilgalve, A. Ceplitis, D. Martinez, T. Ward, D. Lopez	5655
HOW WELL DOES TUTOR LEARNING EXPERIENCE TRANSFER TO PEER TUTOR TEACHING IN THE CONTEXT OF A WRITING CENTER? C. Brandt	5660
HOW CAN MUSIC AND MUSIC EDUCATION FACILITATE INTERCULTURAL AND INTERPERSONAL RELATIONS? DATA, QUESTIONS AND PROPOSALS FROM THE RESEARCH "MUSIC CULTURE AND SOCIAL FUNCTION OF MUSIC IN SOUTH TYROL" P. Somigli	5669

PERSONAL SENSE OF RESPONSIBILITY AND WORK ENGAGEMENT IN A SAMPLE OF ITALIAN HIGH-SCHOOL TEACHERS M.C. Matteucci, D. Guglielmi	5673
TEACHER-TRAINING, ICT, CREATIVITY, MOOC, MOODLE - WHAT PEDAGOGY? S. Stoyanov, P. Sloep, M. De Bie, V. Hermans	5678
THE COMPLEXITY OF OPEN EDUCATION: THE CASE OF BRAZIL F. Nascimbeni, V. Queiroz, E. Spina, R. Tori	5687
ON ADAPTING LMS FOR RECOMMENDATION AND PERSONALIZATION BASED ON CONTEXT-AWARE TECHNOLOGIES A. Muñoz, J. Lasheras, A. Capel, T. García-Valverde, A. Caballero	5694
A REVIEW OF THE USE OF A LEARNING MANAGEMENT SYSTEM FOR TEACHING IN SECONDARY SCHOOLS: INSIGHTS FROM A SOUTH AFRICAN CASE D. Govender, I. Govender	5702
FORMATIVE, ANDRAGOGIC, INTERACTIVE REFLECTION (FAIR) ASSESSMENT TOOL: A DEVELOPMENT PROJECT ADDRESSING TRANSFERRABLE LEARNING RECOGNITION FROM OPEN LIFE-WIDE CO-OPERATIVE ENGAGEMENTS R. Potts, P. Haywood	5711
INTERNATIONAL MSC PROGRAMMES FOR ENVIRONMENTAL AND FORESTRY PURPOSES IN ERASMUS MULTILATERAL PROJECTS C. Calderón-Guerrero, M.P. Arraiza Bermúdez-Cañete, J.L. García Rodríguez, F. García Robledo, S. Martín Fernández, J.V. López Álvarez, M.C. Giménez Suárez, J.C. Santamarta, F. Ioras, I. Abrudan	5721
A COMPARISON OF THE SOCIAL STUDIES LEARNING EXPECTATIONS FOR HIGH SCHOOLS: AN ANALYSIS OF TWO CURRICULA R. Bušljeta, L. Mađarević	5730
A SUCCESSFUL PROBLEM-BASED LEARNING ENVIRONMENT: THE CASE OF A SIMULATION-BASED ASSEMBLY LINE DESIGN ANALYSIS A.L. Ramos, M. Palhares, C. Ferreira	5739
THE ROLE OF INTERACTIVE LEARNING OBJECTS IN AN ADAPTIVE E-LEARNING SYSTEM A. Gomes, V. Marques, F. Araújo	5747
BRIDGING THE RELEVANCE GAPS IN NIGERIA'S UNIVERSITY EDUCATION S. Faboyede, A. Faboyede, O. Olusanmi, B. Oyewo, E. Ben-Caleb	5756
FEMALE SECONDARY STUDENTS' USE OF SOCIAL NETWORKING AS PART OF FORMAL EDUCATION: PERSPECTIVES AND OPPORTUNITIES E. Rochette, C. Redman	5763
THE USE OF ACOUSTICS-BASED TEACHING SOFTWARE IN HONG KONG CANTONESE ESL SPEAKERS' LEARNING OF ENGLISH WORD STRESS PRODUCTION W.W.S. Lai, M.L. Ng	5773
ACTIVE LEARNING METHODOLOGY AS AN IN-SERVICE TRAINING AND PROFESSIONAL DEVELOPMENT TOOL FOR FACULTY MEMBERS Z. Salem	5782
ADULT MOTIVATION TO STUDY OF NEW INFORMATION TECHNOLOGIES – RESEARCH RESULTS M. Milosz, G. Koziel	5792
IT STUDIES AND IT INDUSTRY – A CASE STUDY G. Koziel, M. Milosz	5796
AUDIO-VISUAL RESOURCES FOR A BETTER COMPREHENSION OF APPLIED STATISTICS IN THE PHYSIOTHERAPY DEGREE P. Serra-Añó, X. García-Massó, MJ. Ponce Darós, L. López Bueno, A. Ferri Caruana, L. Millán	5803
COMPARISON OF EXISTING COMPUTING CURRICULA AND THE NEW ACM-IEEE COMPUTING CURRICULA 2013 M. Milosz, S. Luján-Mora, D. Bardou, A. Merceron, M. Peñafiel	5808
BULLYING/VICTIMIZATION AMONG GREEK SECONDARY EDUCATION STUDENTS: INDIVIDUAL AND PEER-RELATED FACTORS E. Andreou, E. Didaskalou, C. Roussi	5819
STUDENT TEACHERS' PROBLEMATIC USE OF THE INTERNET E. Andreou, G. Symeonidou	5820
VIRTUAL LABORATORY IN THE GRADE OF CHEMICAL ENGINEERING: THERMAL ENGINEERING L. Garcia, M.D. Romero, A. Rodriguez, I.M. Gómez, F. Diez, S. Álgarez	5821

DROPOUT RATES OF MASSIVE OPEN ONLINE COURSES: BEHAVIOURAL PATTERNS D.F.O. Onah, J. Sinclair, R. Boyatt	5825
PREPARING EDUCATORS TO TEACH IN BLENDED OR ONLINE ENVIRONMENT D. Vyortkina	5835
GREEK EDUCATIONAL PRACTICES AND A MISSING SENSE OF COMMUNITY: THE QUEST FOR SOCIAL CAPITAL AGAINST THE BACKDROP OF CRISIS L. Benincasa	5843
COME AND PLAY WITH US: TECHNOLOGY SANDBOX FOR STUDENTS AND FACULTY D. Vyortkina	5855
TEACHING OF ADVANCED ENGINEERING PROCESSES FOR WATER PURIFICATION IN THE MASTER OF CHEMICAL ENGINEERING: PROCESS ENGINEERING J. Garcia, A. Rodriguez, J.M. Gómez, E. Diez, S. Álvarez	5860
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) IN SPANISH LANGUAGE (AS A FOREIGN LANGUAGE) TEACHING AND ITS EFFECTS THROUGH TEACHER'S ROLE A. Gvelesiani	5861
TASK DESIGN IN TELECOLLABORATION L. Gijsen	5867
OVERCOMING BARRIERS TO NEW LEARNING TECHNOLOGIES IN A UNIVERSITY SETTING: THE CASE OF COVENANT UNIVERSITY A. Atayero, A. Alao, J. Odukoya	5868
CORRELATION BETWEEN FOREIGN LANGUAGES TESTING AND TEACHING AND THE ENSUING IMPACT ON GENERAL LINGUISTICS P. Wahl	5876
STUDENTS' DISTRIBUTED DATABASE PODCAST: A THREEFOLD LEARNING EXPERIENCE M. Guiza, L. Lamadrid, J. Andrade, J. Frasquillo, B. Rocha, J. Diaz, D. Villanueva	5884
RECONSIDER ART EDUCATION. DIDACTIC PROPOSALS IN THE ELEMENTARY TEACHING DEGREE, IN EDUCATION S. Martínez-Gallego, A.M. Botella-Nicolás	5890
A MANAGEMENT STRATEGY PROMOTED BY TRANSILVANIA UNIVERSITY OF BRASOV IN RELATION WITH THE REGIONAL COMPANIES - A SOLUTION TO HAVE SUCCESSFUL GRADUATES L. Parv, D. Munteanu	5894
TEACHING MUSIC AND ENGLISH AS SECOND LANGUAGE: AN INTERDISCIPLINARY METHODOLOGY M.M. Palenzuela, S. Jover Rodríguez	5903
HOW TO CREATE CUSTOMISED LEARNING TOOLS USING ONLINE PLATFORMS. SPECIFICALLY, HOW TO CREATE A VISUAL DICTIONARY (LANGUAGE-ANIMATED GIF) USING TUMBLR S. Zampolli	5907
VISUALIZATION AND ANALYSIS OF STUDENT ACTIVITY ON MOODLE CONTENT MANAGEMENT SYSTEM C.G. Haba, L. Breniuc	5916
UNDERSTANDING THE ADULT LEARNER PSYCHE: DIAGNOSING STUDENT REASONING IN VIRTUAL LEARNING ENVIRONMENTS B. Barrett	5924
INTERACTIVE DIGITAL BOOK FOR DEAF AND LISTENER CHILDREN R. Couto, C. Portugal, E. Jordy, A. Correia, M. Corrêa	5933
ASSESSMENT OF STUDENTS' KNOWLEDGE OF ENVIRONMENTAL SUSTAINABILITY IN NIGERIAN UNIVERSITIES E. Babatunde	5941
A COLLABORATIVE PROJECT IN COURSE ASSESSMENT M. Santos, P. Korsko	5949
TRANSITION TIME? MOVING TOWARD STUDENT CENTER LABS A. Fraiman	5956
TEACHER PERCEPTION ON SMART EDUCATION: BASED ON THE ANALYSIS OF IMPORTANCE AND PERFORMANCE S.H. Kruon, S.H. Bhang	5961

PROPOSING THE DEVELOPMENT OF A ONE TO ONE LEARNING ENVIRONMENT TO ENHANCE STUDENTS' LEARNING CAPABILITY: BASED ON A KOREAN CASE S.H. Kwon, Y.S. Kim	5970
USING ADVANCED WEB3D BASED INFORMATION VISUALIZATION TECHNOLOGY TO SUPPORT AN EXPLORATORY HANDS ON WORKSHOP FOR K-12 EDUCATORS J. Franco, E. Telles	5978
CROSS-DISCIPLINARY SERVICE LEARNING OF HOUSING FOR UNDERPRIVILEGED HOUSEHOLDS – THE CASE OF HONG KONG B. Leung	5985
APPLICATION OF LINGUISTIC TYPOLOGY IN TRAINING OF RUSSIAN FOR FOREIGN STUDENTS. HOW CAN LANGUAGE TYPOLOGY DATABASES BE USEFUL IN STUDYING LANGUAGES? T. Galeev	5995
TEACHING PRACTICES: IN ENVIRONMENTAL SUBJECTS AT CIVIL ENGINEERING DEGREE M. Candel, J.M. Ceballos, J. Torrecilla	6006
THE EFFECT OF A CONSTRUCTIVISM-BASED TRAINING PROGRAM ON SOME CREATIVE READING SKILLS AND CREATIVE SELF-CONCEPT IN A SAMPLE OF THE EXPERIMENTAL SECONDARY SCHOOLS STUDENTS A. Ahmed	6012
NEW METHODOLOGY FOR THE IMPROVEMENT OF THE TRANSLATION COMPETENCES IN SUBJECTS WHERE SCIENTIFIC, TECHNICAL AND TECHNOLOGICAL TRANSLATIONS ARE TAUGHT A. Gómez-Caravaca, D. Arráez-Román, J. Lozano-Sánchez, R. Quirantes-Piné, I. Borrás-Linares, C. Rodríguez-Pérez, C. Jiménez-Sánchez, S. Fernández-Arroyo, A. Morales-Soto, P. García-Salas, M.D.L.L. Cádiz-Gurrea, A. López-Cobo, J. Valverde, A. Segura-Carretero, M.E. Le Poder	6023
EXAMPLE BASED LEARNING FOR VIRTUAL PROTOTYPING ENGINEERING J.P. Becar, M. Fratu, A. Fratu, J.C. Canonne	6027
CREATIVELY OVERCOMING INSTITUTIONAL RESOURCE CHALLENGES: A TNE APPROACH E. Roehrer, L. Ellis, D. Steer	6035
ADVENTURES IN INTERNATIONAL COLLABORATION: FACILITATING GLOBALLY-CREATED STUDENT-GENERATED MOBILE MOVIES USING A BLEND OF ONLINE TOOLS D. Wagner	6042
INVESTIGATING FRAMES OF CONCEPTUAL REFERENCE SYSTEM IN INDIVIDUALS WITH VISUAL IMPAIRMENTS DURING ACTIVE EXPLORATION V. Argyropoulos, S. Chamonikolaou, M. Nikolaraizi, A. Martos	6051
AT STUDENTS' SERVICE – TUTORING AND COACHING AS INNOVATIVE METHODS OF ACADEMIC EDUCATION IN POLAND B. Karpińska-Musiał, A. Dziedziczak-Foltyn	6057
MONITORING THE IMPLEMENTATION OF NEW SUBJECTS IN THE NEW BACHELOR'S DEGREE IN INDUSTRIAL DESIGN. APPLICATION OF AN EDUCATIONAL IMPROVEMENT PROJECT AND EVALUATION OF NEW APPROACHES F. Felip, M.L. García, S. Martín	6065
EFFECTS OF APPLYING PANORAMIC IMAGE VIRTUAL REALITY TO PUBLIC ARTS APPRECIATION ON STUDENT PERFORMANCE K.J. Chu, S.C. Young	6075
A VIDEO-MODELING SYSTEM FOR IMPROVING SOCIAL SKILLS AND LEXICON IN AUTISTIC SPECTRUM DISORDER CHILDREN D.E. Olmedo Vizueta, F. Bertacchini, L. Vaca Cárdenas, L. Gabriele, A. Tavernise, P. Pantano, E. Bilotta	6081
DARWIN HAS COME BACK TO THE GALÁPAGOS ISLANDS: AN EDUCATIONAL JOURNEY TO DISCOVER BIOLOGICAL EVOLUTION L. Vaca Cárdenas, D.E. Olmedo Vizueta, A. Tavernise, L. Gabriele, F. Bertacchini, P. Pantano, E. Bilotta	6088
BACK- APP EDITOR: HOW TO USE THE MOBILE DIGITAL CONTENT IN ORGANIZATIONS, THE NEED AND OPPORTUNITY FOR CHANGE C. Mezzetti, D. Poce, D. Pellegrini	6096
VIDEOMECUM: FROM WBT (WEB BASED TRAINING) TO VBT (VIDEO BASED TRAINING) – GUIDELINES FOR MAKING EFFECTIVE LEARNING VIDEOS C. Sepede, A. De Luca, M. Conte	6107

AUDIOVISUAL RESOURCES AS A USEFUL TOOL TO IMPROVE THE TEACHING OF COASTAL ENGINEERING (MARINE SCIENCE BSC DEGREE) P. López-García, M. Navarro-Pons, J.J. Muñoz-Pérez, G. Anfuso-Melfi	6117
CRITICAL SUCCESS FACTORS IN E-LEARNING FOR PROJECT-BASED COURSES R. Lagerström, M. Mihaescu	6125
USE OF SOCIAL MEDIA BY UNIVERSITY STUDENTS IN SOUTH AFRICA U. Ogbonnaya, A. Mji	6135
THE IMPACT OF ICT ON SPATIAL PLANNING EDUCATION: 25 YEARS OF BLENDED E-LEARNING W. van der Knaap	6136
THE VOCTEL PROJECT: DEVELOPING A CURRICULUM FOR INNOVATIVE LEARNING	6148
A. Bell, L. Emanuel THE PENGARUH GAME: EAST MEETS WEST C. Metselaar, A. Docter	6154
MODELMAKING WORKSHOP: NEW ACTIVITIES AND TEACHING METHODOLOGIES TO IMPROVE PERFORMANCE OF UNIVERSITY STUDENTS OF INDUSTRIAL DESIGN. ANALYSIS AND EVALUATION OF RESULTS J.L. Navarro, F. Felip, S. Martín, M.L. García	6159
AN INVESTIGATION OF A PRACTICE IN THE CONTEXT OF TEACHER EDUCATION K. Marques da Rocha	6169
EARLY CHANGE' PROJECT: IMMEDIATE AND SHORT-TERM EDUCATIONAL BENEFITS FOR CHILDREN, TEACHERS AND PARENTS L. Ciolan, R. Iucu, A. Petrescu, C. Radulescu	6173
ACTUAL ASPECTS OF EDUCATIONAL PROGRAMS' MODERNIZATION THROUGH IMPLEMENTATION OF PROBLEM BASED LEARNING IN THE FRAMEWORK OF TEMPUS PROJECT 'EPBLNET' P. Tsagareishvili, N. Tabagari, S. Tabagari	6177
USING EDUCATIONAL COMPUTER GAMES – AN OVERVIEW OF STRENGTHS AND WEAKNESSES S. Tsankov, V. Voinohovska	6183
ASSIGNMENTS IN GROUPS J.M. Fernández Novell, C. Zaragoza Domenech	6189
A CONSTRUCTIVIST APPROACH IN THE ORGANIZATION OF AN EFFECTIVE AND HIGH QUALITY FOREIGN LANGUAGE LEARNING PROCESS BASED ON INTERACTIVE EDUCATIONAL TECHNOLOGIES E. Popandonova, S. Tsankov	6195
E-SERVICE LEARNING PROJECTS IN A COMMUNITY-BASED PROJECT MODULE AT THE UNIVERSITY OF PRETORIA, SOUTH AFRICA M. Jordaan	6205
THE SHORT-TERM IMPACT OF THE 'DIGITAL SCHOOL' PROJECT ON TEST SCORE DISTRIBUTION P. Penszko, P. Zielonka	6211
REACHING ACROSS CONTINENTS: ENABLING UNDERGRADUATES OF INTERNATIONAL BUSINESS TO DEVELOP THEIR CROSS CULTURAL MANAGEMENT SKILLS THROUGH MOBILE DEVICES D. Rushton, N. Wilmot	6220
CROSS CULTURAL DESIGN STUDIES "ISTANBUL STEP BY STEP" U. Topcu	6227
WHAT WE KNOW ABOUT EMOTIONAL INTELLIGENCE, SOCIAL SKILLS AND BIG FIVE PERSONALITY TRAITS: IMPROVING UNIVERSITY STUDENTS' LEARNING T. Pozo, R. Gilar, C. Gonzalez	6236
THE NEW DEGREE IN PUBLIC MANAGEMENT AND ADMINISTRATION AT THE UNIVERSITY JAUME I: HOW TO FIGHT AGAINST STUDENT DEMOTIVATION AND LOWER SUCCESS RATES O. Coltell, B.S. Tomás, M. Oller	6243
PLAY LEARNING IN SPECIAL EDUCATION LEARNING BASIC CONCEPTS THROUGH PLAYING V. Thomopoulou, P. Drosos, C. Kalogeropoulou	6244
EXPLORING ASPECTS OF PARTICIPATION IN AN INTERNATIONAL ONLINE NETWORK FOR 'GIFTED' STUDENTS – A RESEARCH IN PROGRESS M. Charalamnidi, M. Hammond, A. Boddison	6250

GENERAL AND SPECIAL EDUCATION IN GREECE. WHAT HAS TO BE DONE IN CASE THE STUDENT'S MENTAL PROFILE DOESN'T CORRESPOND IN ANY OF THE EXISTING EDUCATIONAL STRUCTURES? V. Thomopoulou, P. Drosos, C. Kalogeropoulou	6260
EARLY INTERVENTION: THROUGH ADULT LEARNING, SUPPORTING RELATIONSHIPS, PROMOTING INCLUSION P. Santos, L. Carvalho, C. Silva, F. Feliciano, S. Agra	6265
AN INVESTIGATION OF DESIGN FEATURES FOR INVERTED CLASSROOM SUPPORT TECHNOLOGY J. Pena, M.B. Rosson	6271
IS IT POSSIBLE TO INTERNATIONALIZE AN UNDERGRADUATE RESEARCH PROGRAM IN TEACHING AND LEARNING? LESSONS LEARNT ON THE STUDENT EXPERIENCE, RESEARCH AND INTERNATIONAL COLLABORATION S. Sandover, L. Partridge, R. Spronken-Smith, A. Leger, E. Burd	6281
INNVED: A COLLABORATIVE VIRTUAL ENVIRONMENT FOR TEACHER EDUCATION S. Martinez-Requejo, B. Thoilliez, E. Expósito Casas	6282
FIRST STEPS TO ESTABLISH AN EXTENSIVE READING STRATEGY TO DEVELOP COMMUNICATIVE COMPETENCE R. May Meléndez, R. Ferrer Méndez, S. Bautista Maldonado, M. Pérez Barriga, G. Pacheco Balam	6288
DESIGN AND IMPLEMENTATION OF LEARNING-AIDED SOFTWARE FOR CHILDREN A. Alatishe, D. Anuoluwapo, A. Atayero	6296
ALIGNING ACADEMIA CURRICULA TO INDUSTRY NEEDS: THE CASE OF ORGANIC FOOD PROCESSING COURSE M. Cháfer, C. González-Martínez	6303
THE EVALUATION OF RELATIONSHIP BETWEEN "ORGANIZATIONAL CULTURE", "COMMUNICATION SATISFACTION" PERSONAL CHARACTERISTICS AND "LEARNING CULTURE E. Eroğlu	6306
INTERNATIONALIZATION OF PHD STUDIES C. González-Martínez, C. Pastor, M. Cháfer, P. Pittia	6307
RELATIONS BETWEEN COMPUTER AND INFORMATION LITERACY, ICT USES AND ICT PEDAGOGICAL USEFULNESS FOR COLLEGE STUDENTS IN QUEBEC N. Roy, B. Poellhuber	6310
THE CONCURRENT AND PREDICTIVE VALIDITY OF COVENANT UNIVERSITY STUDENTS' EVALUATION OF LECTURERS' TEACHING COMPETENCE J. Odukoya, A. Atayero, A. Alao, A. Afolabi	6316
TAKING LEARNING TO THE CITY: AN EXPLORATION OF THE FRICTIONLESS LEARNING ENVIRONMENT INNOVATION H.P. McKenna, S.A. Chauncey	6324
DEVELOPING DISTANCE LEARNING UNIVERSITY PROGRAMS: ADVANTAGES, STRUCTURE AND METHODOLOGY E-LEARNING IN HIGHER EDUCATION I. Paspatis, M. Argiriou	6335
HOW TO BREAK IN SMALL PIECES AN INTERNATIONAL MATHEMATICAL OLYMPIAD PROBLEM? R. Bulajich, G. Hinojosa, R. Valdez	6342
THE EFFECTIVENESS OF SOCIAL SKILLS TRAINING TO ENHANCE SOCIAL SKILLS OF CHILDREN WITH AUTISM IN LIBYA S. Gadalla	6347
INTRODUCING NEW INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE DEGREE OF PUBLIC MANAGEMENT AND ADMINISTRATION AT THE UNIVERSITY JAUME I O. Coltell, P. Latorre, R. Chalmeta	6353
DEVELOPMENT OF A GUIDED PEER-REVIEW SYSTEM THAT USES AN AUTOMATICALLY SCAFFOLDING AND RUBRIC-TARGETED INTERFACE FOR MARKING COMPLEX ASSESSMENTS A. Vista, E. Care, P. Griffin	6354
USING INNOVATIVE MEASUREMENT TOOLS BASED ON BIG DATA ANALYTICS TO ASSESS COLLABORATIVE PROBLEM-SOLVING SKILLS AND IMPROVE TEACHING STRATEGIES IN ESSENTIAL SKILLS FOR 21ST CENTURY EDUCATION P. Griffin, E. Care, A. Vista, C. Scoular	6364
CHALLENGING INNOVATIONS IN MATHEMATICS TEACHING V. Mohan-Ram	6376

TEACHER'S EDUCATION FOR THE WORK IN THE POLY-CULTURAL CONDITIONS A. Lukina	6384
PROJECT GOVERNANCE AND APPLIED REFLECTION IN EVOLVING ENVIRONMENTS C. Algeo	6389
BRIDGING BUSINESS SUSTAINABILITY, INFORMATION TECHNOLOGY AND CROSS-CULTURAL SENSITIVITY: A KEY TO TEACHING INNOVATION THROUGH INTERNATIONALISATION Z. Belyaeva, O. Zvereva, V. Beliaeva	6396
FLIPPING CLASSROOM: SOME EXPERIMENTS WITH UNIVERSITY AND K-12 CLASSES A. Giglio	6406
THE DEVELOPMENT OF POLYCULTURAL COMPETENCE OF STUDENTS AND TEACHERS OF THE UNIVERSITY BY MEANS OF EPORTFOLIO ON THE BASIS OF THE INTERCULTURAL EDUCATION PLATFORM O. Smolyaninova, D. Trufanov	6414
CONTEXT VISUALIZATION OF EDUCATIONAL COURSES K. Jassem	6418
IMPLICATIONS OF MCKINSEY'S STAGED INTERVENTION MODEL FOR SELECTING APPROPRIATE M-LEARNING INTERVENTIONS 1. Zualkernan	6424
IMPLEMENTATION OF CONTEXTUALIZED INTERACTION MODALITIES FOR A VIRTUAL LEARNING ENVIRONMENT M. Thinyane, N. Twele, W. Sibewu	6435
AN ANALYTICAL NETWORK PROCESS MODEL TO RANK ALTERNATIVE LEARNING TECHNOLOGY INTERVENTIONS IN DEVELOPING COUNTRIES 1. Zualkernan	6444
THE USE OF SIMULATIONS TO IMPROVE STUDENTS UNDERSTANDING OF THE CONNECTIONS BETWEEN FORECASTING AND STOCK CONTROL IN SUPPLY CHAIN MANAGEMENT J.R. Trapero Arenas, F.J. Fernandez Morales	6453
TRIGGERING STUDENT CREATIVITY THROUGH STATISTICAL BRAINSTORMING – AN EXPERIENCE IN A FORESTRY ENGINEERING DEGREE J. Solana-Gutierrez, M.D. Bejarano-Carrión, S. Merino-De-Miguel	6461
TEACHERS' ATTITUDE TO EDUCATIONAL GAMES IN BULGARIAN SCHOOLS E. Paunova, V. Terzieva, Y. Stoimenova, P. Kademova-Katzarova	6471
TEACHING SCIENCE – SOCIAL AND ETHNICAL EXPERIENCES V. Genís, A. Pérez Saturnino, J.M. Fernández Novell	6482
MODELS OF REHABILITATION AS A PRECURSOR TO QUALITY INCLUSIVE PRACTICE M. Karamatić Brčić, R. Petani	6489
IMPLEMENTATION OF ICT-BASED TEACHING IN BULGARIAN SCHOOLS V. Terzieva, E. Paunova, P. Kademova-Katzarova, Y. Stoimenova	6497
DEFICIENCY DIAGNOSIS TECHNIQUES FOR CONFIDENCE BASED LEARNING S. Nath, R. Chatterjee	6507
THE GAMIFICATION PROCESS IN THE CLASSROOM: GAMIFICATION'S EXPERIENCE L. Rodas Alfaya, D. García Lázaro, P. Tolmos Rodríguez-Piñeiro	6515
TRIALING THE USE OF IPAD MINI DEVICES FOR CLINICAL AND CLASSROOM LEARNING	6520
S. Coffey, P. Bignell, L. Graham, A. de la Rocha, D. Chorney, B. Muirhead, E. Vogel, F. Desjardins, M. Prasad, N. Stein	
THE RELATIONSHIP BETWEEN TEAMWORK COORDINATION AND SUCCESS AT EDUCATIONAL CONTEXTS C. De Pablos-Heredero, S. Haider, J.G. Torres-Navarrete, A. García-Martínez	6526
VIRTUAL INCUBATOR IN ENTREPRENEURIAL VOCATIONAL STUDIES G. Sagodira	6534
SOCIAL INTEGRATION OF INTERNATIONAL STUDENTS IN QUEBEC (CANADA) UNIVERSITIES: A MATTER OF TECHNOLOGY? S. Collin, H. Saffari, O. Calonne	6540

UPDATING TEACHING METHODOLOGY BY MEANS OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN A CLASSICAL DEPARTMENT OF HUMAN ANATOMY J. Sanchis-Gimeno, S. Pastor-Fombuena	6541
PRESCHOOL EDUCATION IN CONTEXT OF ETHNIC DIVERSITY IN MAURITIUS: ANALYSIS OF YOUNG CHILDREN DRAWINGS ABOUT THEIR PERCEPTIONS OF CULTURAL DIFFERENCES D. Cauchie, M. Bruyninckx, A. Chawaf	6550
USING VLES AND MOBILE TECHNOLOGY TO AID IN THE PROVISION OF AN UPGRADED DELIEVRY MECHANISM FOR THE BASIC PRINCIPLES OF QUANTITY SURVEYING C. Mitchell	6560
HOW SELF-ESTEEM AND SELF-CONCEPT IMPROVE THROUGH ICT? PILOT RESULTS FROM A 1ST YEAR DEGREE EXPERIENCE A. Martorano Gomis, M. Roca, J. Batlle Grabulosa, M. Estebanell	6567
IMPACT OF SCHOOL EDUCATION ON PUPILS LIVING IN PRECARIOUS SITUATIONS: THE CASE OF SLUM CHILDREN IN MANILA, PHILIPPINES D. Cauchie, M. Bruyninckx, A. Meuris	6576
IPAD ENGAGEMENT – TEACHING DESIGN BY CONNECTING CONTENT TO TECHNOLOGY L. Trenkov	6585
DIGITAL COLLABORATIVE NETWORK AND PROJECT RELATED TEACHINGS IN SECONDARY SCHOOLS G. Sagodira	6588
DESIGN OF VIRTUAL LEARNING ENVIRONMENTS AND THE CONTRIBUTIONS OF THE MULTILITERACIES PEDAGOGY, BAKHTINIAN STUDIES AND REMEDIATION A. Tanzi Neto	6589
MANAGING TEACHER-STUDENT INTERACTION VIA WHATSAPP PLATFORM L. Trenkov	6596
CASE-BASED METHODOLOGY FOR TEACHING BUSINESS COMPETITIVENESS AND INNOVATION A. Barona, B. Etxebarria	6601
USING LEGO® MINDSTORMS® FOR TEACHING A COMPUTER LANGUAGE U. Ihme, J. Fischer, T. Ihme	6606
SCREENCASTING AS A MEANS OF ENHANCING THE STUDENT LEARNING EXPERIENCE P. Smith	6616
ONLINE TEACHER TRAINING IN EUROPEAN SCIENCE EDUCATION PROJECTS P. Velek, À. Gras-Velázquez	6622
TRIGONOMETRY: FROM THE PAST TO THE FUTURE WITH GEOGEBRA A. Breda, D. Nogueira	6623
CLIL APPROACH IN A BILINGUAL REGION: SECONDARY SCHOOL TEACHERS' BACKGROUND AND OPINIONS M. Puerto Campos, M.L. Renau	6634
AN EXPERIENCE IN A CLIL COURSE: A COLLABORATION WITH CONTENT TEACHERS IN A SECONDARY SCHOOL M.L. Renau, M. Puerto Campos	6644
ANALYSIS OF ITEM DISCRIMINATION PARAMETER AS A FUNCTION OF CHANGES IN ENGLISH LANGUAGE OBJECTIVE TEST VARIETY IN CROSS RIVER STATE - NIGERIA A.M. Akwa, G.J. Anagbogu	6651
THE INFLUENCE OF VIETNAMESE INTERMEDIATE STUDENTS' BELIEFS ON THEIR SPEAKING PERFORMANCE V. Tran Thi Mien, G. Mohammadgholi Pourrezaei Troian	6657
SUPPORTING SOCIAL INTERACTION AND COLLABORATION ON AN XMOOC PLATFORM T. Staubitz, J. Renz, C. Willems, C. Meinel	6667
ACTIVE ENGAGEMENT STRATEGIES: STUDENTS AS CO-CREATORS OF KNOWLEDGE M. Dauson, F. Cook, A. Lambton	6678

PEDAGOGICAL INNOVATIONS: DEVELOPING COMMUNICATION PROFICIENCIES AMONG TEACHER STUDENTS Y. Weinberger	6687
BUILDING KNOWLEDGE AS AN ANTIDOTE TO ORIENTALISM. THE EXPERIENCE OF A COURSE OF HISTORY AND THEORY OF DESIGN AT THE AMERICAN UNIVERSITY OF SHARJAH, UNITED ARAB EMIRATES M. Jaime	6693
FROM E-LEARNING TO MOOC – THE AUKEE PROJECT CASE STUDY M. Borys, S. Caffiau, J. Dugdale, M. Laskowski, S. Luján-Mora, B. Meillon, M. Milosz, M. Plechawska-Wojcik	6701
CHALLENGES FACED BY DISTANCE LANGUAGE LEARNING STUDENTS R. Budiman	6709
RUBRICS FOR STUDENTS' ASSESSMENT IN INTERDISCIPLINARY CONTEXT: INNOVATIVE TEACHING EXPERIENCES IN HIGHER EDUCATION M.A. Blanco Sandía, B. Corchuelo Martinez-Azua, M.J. López Rey, N. Corrales Dios	6717
PREPARING IRAQI UNIVERSITIES FOR LEARNING MANAGEMENT SYSTEM – THE CASE OF AL-QADISIYAH UNIVERSITY M. Radif, I.S. Fan, P. McLaughlin	6726
DESIGN AND E-LEARNING SYSTEMS: TOWARDS AN INTEGRATED PERSPECTIVE J.P. Kawalek	6737
INTEGRATIVE CALL: ITS THEORY AND PRACTICE B. Frydrychova Klimova	6751
CURRENT UNDERSTANDING OF CONCEPTS AND PRINCIPLES OF ENGLISH FOR ACADEMIC PURPOSES B. Frydrychova Klimova	6757
OPEN-HARDWARE SOLUTIONS IN THE EDUCATION OF CIVIL ENGINEER STUDENTS J.M. Ceballos, J. Torrecilla, J. Lozano, M. Candel	6761
NURSING COMPETENCIES DEVELOPMENT BY BLENDED LEARNING C. Brando Garrido, P. Fernandez Narvaez	6769
NEUROSCIENTIFIC LITERACY OF THE UNDERGRADUATES IN EDUCATION. A COMPARISON OF STUDIES M.J. Hernandez-Serrano, G. Parra Nieto	6770
THE MYTH OF THE BRAVE NEW WEB MAN J. Ferreira, L. Oliveira	6777
FIRST STEPS IN STUDENT EXCHANGE PROGRAMS: EXAMPLES FROM THE KAZAKH MEDICAL UNIVERSITY A. Sapargaliyeva, R. Jumasheva, A. Kulakhmetova	6786
INVESTIGATING TEACHERS' AND STUDENTS' ATTITUDES TOWARDS E-LEARNING AND BLENDED LEARNING: CASES OF TWO UNIVERSITIES N. Saugeniene	6787
THREE EDUCATIONAL EXPERIENCES COMBINING B-LEARNING AND M-LEARNING: COURSES, SEMINARS AND MASTER CLASSES A. Hernando Gallego, M. Legrand, J. Velázquez Saornil, F. Herraez, P. Mas	6794
ACQUISITION OF PROFESSIONAL TEACHING SKILLS IN REAL EDUCATIONAL ENVIRONMENTS. THE EARLY CHILDHOOD EDUCATION-CDP CENTRE FOR TEACHERS-UNIVERSITY NETWORK (RIECU) R. Mérida Serrano, E. González Alfaya, M.A. Olivares García	6802
NON-MAINSTREAM APPROACHES IN ECONOMY: EDUCATION THROUGH NON-ECONOMIC SUBJECTS L. Valek	6810
SIMULATION TECHNOLOGY: AN ALTERNATIVE PROCESSING OF EDUCATIONAL AND TRAINING MATERIALS IN LIFESPAN DEVELOPMENTAL PSYCHOLOGY AND GERIATRICS R. Rosich	6815
MULTI-PARTNER EXAMINATION OF NURSING BRIDGING EDUCATION IN ONTARIO	6821
C. Anyinam, S. Coffey, G. Lindsay, R. Vanderlee, K. Woodend, K. Cummings, M. Cochrane, S. Mairs, D. Diniz	

EDIT STUDIO: A PRACTICED ORIENTED DESIGN STUDIO USING COLLABORATIVE PROCESS TO ENGAGE THE COMMUNITY, DEFINE A PROBLEM, INFER SOLUTIONS TO SOCIALLY EMBED TRANSFORMATION THROUGH DESIGN M. Zingoni	6822
INNOVATION THROUGH INSTITUTIONAL INTEGRATION (I-CUBED) PROGRAM AT XAVIER UNIVERSITY OF LOUISIANA L. Blanchard, M. Foroozesh, T.S. Coston, E.Y. Hammer	6830
SHOULD INTEGRATED REPORTING BE INCORPORATED IN THE MANAGEMENT ACCOUNTING CURRICULUM? B. Oyewo, I. Obigbemi, U. Uwuigbe	6837
DOCTORAL RESEARCH TRAINING: ENCOURAGING TIMELY COMPLETION – CASE STUDY REFLECTIONS OF ONE UNIVERSITY ON HOW IT SUPPORTS A VIBRANT RESEARCH TRAINING CULTURE S. Gasson, A. Winter, S. Bradbury, M. Borchert	6847
SHORT AND SHARP: CHALLENGING GIRLS TO BECOME PROGRAMMERS A. Hunter, R. Boersen	6857
THE HUMAN BODY IN THE VIRTUAL WORLD - A MISSING PART OF A PERFECT ONLINE LEARNING COMMUNICATION M. Ulm, M. Brickmann, E. Krajnc	6867
ANALYSIS OF FINANCIAL MANAGEMENT STRATEGIES OF TECHNOLOGICAL RESOURCES ON PUBLIC HIGHER EDUCATIONAL INSTITUTIONS C. Martinez-Tirado, U. Zaldivar-Colado, R. Bernal-Guadiana, J. Niebla-Zatarain, X. Zaldivar-Colado	6874
LEARNING ENVIRONMENT WITH EDUCATIONAL ROBOTICS USING HUMANOID ROBOTS WITH TELEOPERATION TECHNIQUES OF MASTER-SLAVE ROBOT IN HIGHER EDUCATION X. Zaldivar-Colado, U. Zaldivar-Colado, J. Niebla-Zatarain, R. Bernal-Guadiana, C. Marmolejo-Rivas, L. Garcia-Reyes	6878
INSTRUCTIONAL DESIGN FOR MLEARNING OF STEEL STRUCTURES CONSTRUCTIVE PROCESSES Z. Pardo, M. Barrero	6887
KNOWLEDGE MANAGEMENT PRACTICES: A CASE STUDY IN THE BRAZILIAN INDUSTRY A.V. Teixeira, A.M. Laurindo, M.C. Freitas Duarte	6895
PEDAGOGICAL USABILITY AND APPLICATIONS FOR MLEARNING OF STRUCTURAL ENGINEERING Z. Pardo	6902
ENGINEERING INFORMATION: CONCEPTUAL ELEMENTS RELATED INFORMATION MANAGEMENT AND INFORMATION SYSTEMS A.V. Teixeira, M.C. Freitas Duarte, A.M. Laurindo	6909
LEARNING PROBABILITY THROUGH A COURSE ONLINE M. Pineda Becerril, A. Aguilar Márquez, J. Axotla García, F. León Rodríguez, O. García León	6916
CREATING WATER, SANITATION AND HYGIENE (WASH) PROGRAM AWARENESS IN SCHOOLS: A TOOL TOWARDS THE SUCCESS OF COMMUNITY WASH PROGRAM D. Olukanni, J. Ducoste, T. George	6922
WEAVING INSTRUCTIONAL DESIGN TO INTERNATIONAL STANDARDS AT THE UNIVERSITY OF THE SOUTH PACIFIC N. Narayan, E. Naqiolevu	6928
LEARNING STYLES AND ACADEMIC PERFORMANCE OF STUDENTS IN A DISTANCE EDUCATION COURSE S. Bonito	6936
PERSONA-CONJOINT METHOD TO MEASURE LEARNERS' CHANGES OF IMPLICIT UNDERSTANDING IN BUSINESS SITUATION H. Uchida, M. Kunigami, T. Terano, A. Yoshikawa	6942
DIGITAL COMICS TO DEVELOP SKILLS TO PREVENT AGGRESSION AT SCHOOLS P.E. Jaramillo	6950
A TEACHING CAREER AS A THERAPEUTIC PROCESS: SUBCONSCIOUS MOTIVES FOR CHOOSING A PROFESSION E. Kass	6957
VISUALIZATION OF MULTIMODAL TRANSPORT PROCESSES BY USING LEGO MINDSTORMS A Haller I. M. Putz, O. Schauer	6969

INTERDISCIPLINARY COLLABORATIONS: ENACTING A THIRD GENERATION TRANSITION PEDAGOGY A. Lynch, F. Navin	6975
VIDEO ANALYSIS AND GAMIFICATION TECHNIQUES TO LEARN BIOLOGY L. Valladares Ríos	6976
CREATING MOOC GUIDELINES BASED ON BEST PRACTICES N. Spyropoulou, C. Pierrakeas, A. Kameas	6981
ROLE OF TELEMATICS IN FIGHTING SCHOOL ABANDONMENT E. Benetti, C. De Castro	6991
BEST PRACTICE CONTRIBUTIONS IN THE ARCHITECTURE TEACHING PROCESS WITH ICT SUPPORT: THE CASE OF THE AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA D. Chan, T. Gaona, E. Perezchica	6998
ANXIETY LEVELS OF LEARNERS IN DISTANCE LANGUAGE TEACHING S. Çalışır Zenci	7008
CHALLENGES IN COMPUTER-BASED TESTING OF YOUNG LEARNERS' ORAL COMPETENCES IN FRENCH K. Karges, P. Lenz	7009
TEACHING EXPERIENCE IN SAUDI ARABIA: APPLYING OF RESEARCH-LED TEACHING INNOVATIONS IN LEARNING AND ASSESSMENT TO ENHANCE THE QUALITY OF EDUCATION TO POSTGRADUATE STUDIES N. Zemirli	7019
E-BOOK CASE IN WEB-BASED TURKISH TEACHING AS A FOREIGN LANGUAGE N. Girisen	7028
ARTIFICIAL INTELLIGENCE TO THE RESCUE OF ELEARNING M. Montebello	7029
LEARNING STRATEGIES AND ACADEMIC PERFORMANCE WITHIN PHYSIOTHERAPY STUDENTS AT UNIVERSITY OF VIGO 1. de Oliveira, G. Rodríguez-Fuentes	7039
EXPERIENCES IN COMPULSORY PHYSIOTHERAPY COURSES RELATED TO THE DEVELOPMENT OF AUTONOMOUS WORK G. Rodríguez-Fuentes, I. de Oliveira	7044
INNOVATION AND INTERNATIONALIZATION OF HIGHER EDUCATION AS MEANS OF QUALITY IMPROVEMENT AT THE UNIVERSITY OF ZILINA M. Luskova, B. Dobrucky	7048
TREATING ON-CAMPUS STUDENTS AS E-LEARN STUDENTS - MY TEACHING METHODS IN TERTIARY EDUCATION R. van Zyl	7056
USING LEARNING ANALYTICS AND LEARNING STYLES TO PERSONALISE CONTENT IN AN ADAPTIVE EDUCATIONAL SYSTEM K. McCusker, J. Harkin, S. Wilson, M. Callaghan	7064
E-ASSESSMENT TOOL WITHIN PBL IN PROGRAMMING SUBJECTS AT ENGINEERING	7074
A.J. Sierra, T. Ariza, F.J. Fernández-Jiménez, S. Bellido, A. Martínez-Gotor MOBILE LEARNING SECURITY ISSUES FROM LECTURERS' PERSPECTIVES (NIGERIAN UNIVERSITIES CASE STUDY) S.A. Shonola, M. Joy	7081
STUDENT SELF-ASSESSMENT IN HIGHER EDUCATION: AN OVERVIEW FOR THE DEVELOPMENT OF PROFESSIONAL COMPETENCE IN ECONOMICS AND BUSINESS MANAGEMENT	7089
P. Aparicio-Chueca, M. Badia-Miró, Y. Blasco Martel, M. Bosch-Príncep, A. Carreras-Marín, G. Cairó- i-Céspedes, I. Maestro-Yarza, I. Morillo Lopez	
360-DEGREE EVALUATION IN POST-GRADUATE PSYCHIATRY TRAINING J. Vázquez-Bourgon, P. Rodríguez-Rodríguez, B. Crespo-Facorro	7096
MECHANISM OF CROSS-DISCIPLINARY SKILL ASSESSMENT IN THE CHEMISTRY BACHELOR A. Guiberteau Cabanillas, S. Tolosa Arroyo, A. Hidalgo Garcia, E. Ojalvo Sánchez	7097
ASSESSING FOUR YEARS OF E-LEARNING AT IFAPA A. Pedrera-León, A.J. Gaitán-Jurado, K. Vanderlinden, F.J. Jiménez-Crespo, L. Pérez-Náger	7106
SAUDI ARABIAN CULTURAL FACTORS AND PERSONALISED ELEARNING A. Alamri, A.I. Cristea, M.S. Al-Zaidi	7114

EDUCATIONAL PLATFORM FOR TELETRAFFIC ENGINEERING R. Raev, E. Ivanova, E. Dudin, D. Radev	7122
RESEARCH TURBINE: LEARNING AND RESEARCHING THROUGH ENGAGING, ORGANIZING, AND DOCUMENTING B. Mohamed, T. Koehler	7128
DO MOOCS NEED A SPECIAL INSTRUCTIONAL DESIGN? M. Kopp, E. Lackner	7138
STUDENT DEVELOPERS' MEETUP. A UNIVERSITY PLATFORM TO ENCOURAGE STUDENTS TO TAKE PART IN A COMMUNITY OF DEVELOPERS AND SPECIALISED COMPANIES J.A. Romero del Castillo, A. De Haro García	7148
THE SIGNIFICANCE OF INDIVIDUAL PREFERENCES IN PUPILS WITH SEVERE CEREBRAL PALSY IN THE CONTEXT OF SPECIAL EDUCATION INTERVENTION J. Kantor, J. Chrastina, L. Ludíková	7156
MUSIC THERAPY IN PERSONS WITH SEVERE MULTIPLE DISABILITY – PARADIGMS, THEORETICAL BACKGROUNDS, TRENDS AND DISCUSSION J. Kantor, J. Chrastina	7165
CHILDREN WITH BEHAVIOURAL DISORDERS IN THE CONTEXT OF INSTITUTIONS – RESEARCH CHALLENGES M. Ruzicka, M. Hutyrova	7175
THREE YEARS OF INNOVATION TUTORIAL IN THE DEGREES OF THE FACULTY OF PHARMACY OF THE UNIVERSITY OF GRANADA. TUTORGRADOS M.J. Muñoz Alférez	7181
MULTIPLIER BASED BLENDED LEARNING PARADIGM FOR ELDERLY PEOPLE'S EFFICIENT ADAPTATION TO INFORMATION AND COMMUNICATION TECHNOLOGY H. Blažun, D. Zeleznik, P. Kokol	7189
SCHOOL CLIMATE: NON-TEACHING STAFF'S PERCEPTIONS B. Bocchi, L. Dozza, G. Cavrini	7199
PERSONALITY AND PROFESSIONAL INTERESTS IN ANGOLAN UNIVERSITY STUDENTS L. Faria, J. Carneiro Pinto, N. Loureiro	7205
SEMINARS OF REINFORCEMENT OF BASICS SUBJECTS IN THE DEGREES OF THE FACULTY OF PHARMACY OF THE UNIVERSITY OF GRANADA. TUTORGRADOS M.J. Muñoz Alférez	7206
LEARNING EVALUATION IN PRACTICAL SUBJECTS THROUGH VIRTUAL ENVIRONMENTS R. Bouza, B. Montero, M. Rico, A. Ares, M.J. Abad	7210
THE QUALITY OF THE EDUCATIONAL POTENTIAL OF THE AFTER-CARE PROGRAMS M. Ruzicka	7215
LEVEL OF AWARENESS AND UNDERSTANDING OF THE MEANING OF TQM IN GIRLS PUBLIC SCHOOLS IN SAUDI ARABIA A. Hassan, I.S. Fan, A. Johnstone	7223
INTEGRATING SOCIAL ENTREPRENEURSHIP ACROSS DEGREE PROGRAMMES M. Tabuenca-Cuevas, G. Abermann, R. Eder-Baldonado, C. Tigerstedt	7233
DIGITAL STORYTELLING IN GLOBAL CITIZENSHIP EDUCATION T. Mølster	7238
CHARACTERIZATION OF IN-SERVICE TEACHERS' BELIEFS ABOUT TEACHING AND LEARNING OF LITERACY IN POVERTY CONTEXTS AND THEIR RELATION WITH STUDENT TEACHERS' AND TEACHER EDUCATORS' BELIEFS P. González Vallejos, V. Gómez Nocetti, P. Guerra Zamora, A. Gaete Silva	7244
LEARNING O'LEVEL CHEMISTRY THROUGH DIGITAL GAMES AND MULTIMEDIA- ITS IMPACT ON LEARNERS' ACADEMIC PERFORMANCE AND ENGAGEMENT D. Cooshna-Naik, G.D. Philippe	7253
YOUNGERS PROFESSIONAL COMPETITIVENESS FORMATION IN THE CONTEXT OF THE LABOR MARKET INTERCOUNTRY INTEGRATION AND GLOBALIZATION V. Gnevasheva	7263
HOW TO WORK IN AN INTERDISCIPLINARY WAY WITH OPERA AND ANIMATION: A PROPOSAL WITH THE TALE OF CINDERELLA X. Mínguez-López, R. Fernández-Maximiano, A.M. Botella-Nicolás, S. Martínez-Gallego	7267

BUILDING PCK INCREMENTALLY IN A TOPIC BASED PRE-SERVICE PROGRAMME FOR CHEMISTRY TEACHERS M.E. Mavhunga	7272
AN INTERDISCIPLINARY PROPOSAL: THE USE OF QUANTITATIVE TECHNIQUES FOR STAFF SELECTION J. Villagrasa, O. Blasco, V. Liern	7279
AMETS EKITEN: A NEW ENTREPRENEURIAL EXPERIENCE FOR PRIMARY EDUCATION CHILDREN A. Arruti	7286
CRAFTING INTERESTING DIALOGUES IN AN INTERACTIVE SPOKEN CALL GAME C. Baur, M. Rayner, N. Tsourakis	7297
OPENINGUPSLOVENIA - NATIONAL RESEARCH AND INNOVATION ENVIRONMENT FOR OPEN EDUCATION D. Orlič	7306
LANGUAGE LEARNING INNOVATIONS, CURRICULUM DESIGN AND DEVELOPMENT AT THE FACULTY OF PHILOLOGY, BELGRADE UNIVERSITY A. Vranes, L. Markovic	7307
THE BORDERLINE BETWEEN SERIOUS GAMES AND SIMULATIONS S. Guney, N. Cagiltay, E. Tuner, I. Cereci	7314
LEADING EDUCATIONAL INNOVATION THROUGH IMPLEMENTATION N. Alaeddine, K. Kakosimos, B. Guo, B. Mansoor	7322
OPEN INNOBANK AS A PLATFORM FOR COLLABORATIVE LEARNING E. Kuoppala, T. Issakainen	7329
HOW TO APPLY THE MODEL OF MANAGERIAL SYSTEM OF SUBJECTIVE CRITERIA OF EFFICIENCY DURING MANAGERS' LIFE-LONG LEARNING F. Ismagilova, G. Mirolyubova, L. Malysheva, E. Mugatabarova	7335
SOCIAL NETWORKS AS NEW LEARNING WAYS IN THE UNIVERSITY J.F. Fondevila-Gascón, M. Carreras-Alcalde, J.L. Del Olmo-Arriaga, L. Feliu-Roé	7342
SUSTAINABLE FOOD: AN EDUCATIONAL PROPOSAL, FOR KEY STAGE 3 IN SECONDARY SCHOOLS, BASED ON THE ASSESSMENT FOR LEARNING METHOD I. Zandonella, G. Tamino, G. Santovito	7348
UNIVERSITY AND COLLEGE IMAGE: STUDENT PERCEPTIONS J. Sarupiciute, G. Druteikiene	7357
THE NATIONAL STAR MODEL OF ACCESSIBILITY SUPPORT CENTRE FOR UNIVERSITY STUDENTS WITH DISABILITIES IN MONTENEGRO R. Sendelj, I. Ognjanović, L. Kartasidou	7366
FASHION INSPIRING FROM ARCHITECTURE; A WORKSHOP AT ARCHITECTURAL DESIGN STUDIO: "ARCHIFASHION" S. Yildiz, H. Duzgun	7374
ONLINE LEARNING ROOM FOR "FLIPPED CLASSROOM" L.H. Nielsen, E. Bugge, F. Nimb	7381
EXPERIMENTAL MODEL OF PERSONAL VIDEO RECORDER FOR DVB-T WITH TVHEADEND AND VIDEO DISK RECORDER BASED ON RASPBERRY PI J. Kanev	7384
PRELIMINARY RESULTS OF THE APPLICATION OF ACTIVE-LEARNING AND COLLABORATIVE METHODOLOGIES IN THE DEVELOPMENT OF CROSS-CURRICULAR SKILLS DURING THE FINAL YEAR DISSERTATION F. Sarrionandia, O. Martinez, D. Rada, A. Saracibar, J. Miranda, A. Lasa, I. Txurruka, E. Simon, I. Labayen, I. Etaio	7392
EVALUATION OF THE UNDERGRADUATE STUDENT'S INTEREST FOR DENTAL SPECIALITIES D. Virland, M. Armani, G. Francische, L. Giron, M. Marceló	7400
D. Violant, M. Arregui, S. Fernández, L. Giner, M. Mercadé EXPERIMENT: DESIGN AND DEVELOPMENT OF VIRTUAL ENVIRONMENTS - IS IT POSSIBLE TO DESIGN A CURRICULUM, WHICH IS IN LINE WITH THE NEEDS OF A QUICKLY CHANGING IT SECTOR AND ENTREPRENEURSHIP NEEDS? H. Tallinn, A. Barkalaja	7405
MEDIA LITERACY VERSUS TRADITIONAL LITERACY - A NEW VIEW AT READING V. Velicki, D. Velicki	7414
DEVELOPMENT AND STANDARDIZATION OF ACHIEVEMENT TEST IN SENIOR SECONDARY SCHOOL MATHEMATICS USING ITEM RESPONSE THEORY C.I. Enunwah, A.M. Akwa	7424

THE CONSEQUENCES OF PRAGMATIC LANGUAGE LEVEL IMPAIRMENT AND AUDITORY AGNOSIA IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER K. Vitásková, A. Říhová, L. Dostálová	7432
COMPARATIVE STUDY ON TEACHER EDUCATION IN ROMANIA AND BAVARIA, GERMANY C.S. Duse, D.M. Duse	7441
AQUADEMIA – BRIDGING THE GAP BETWEEN CURRICULUM DEVELOPMENT AND WATER MANAGEMENT COMPANIES M.L. Pérez Cabaní, J. Juandó, P. Marquès, A. Bikfalvi, I. Rodriguez-Roda	7449
STUDENTS' ENGAGEMENT IN SCHOOL, PERCEIVED RIGHTS AND GRADE LEVEL F. Veiga, R. Burden, Z. Pavlovic, H. Moura, D. Galvão	7458
ENTREPRENEURSHIP CURRICULUM AND PEDAGOGICAL CHALLENGES IN CAPTIVATING STUDENTS' INTEREST TOWARDS ENTREPRENEURSHIP EDUCATION C. Moses, A. Mosunmola	7466
STUDENTS' ENGAGEMENT IN SCHOOL: ANALYSIS ACCORDING TO SELF-CONCEPT AND GRADE LEVEL F. Veiga, V. Robu, J. Appleton, I. Festas, D. Galvão	7476
PORTUGUESE ADAPTATION OF THE LEARNING MOTIVATION SCALE: A STUDY WITH MILITARY PERSONNEL A. Frade, F. Veiga	7485
AN ASSESSMENT SCALE FOR TRAINEE ENGAGEMENT IN THE PORTUGUESE NAVY A. Frade, F. Veiga	7493
QUALITY OF LIFE OF ADULTS WITH INTELLECTUAL DISABILITY – A RESEARCH STUDY IN GREECE L. Kartasidou, E. Pavlidou, A. Chideridou	7502
ECONOMIC IMPACT ON THE USE OF VIDEOCONFERENCING FOR MASTER AND DOCTORAL DEFENSES	7510
H. Oliveira Serra, A. Bezerra Maia, P.J. Alves de Andrade, J. Serrão Amaral, L. Bezerra Maia, R. de Sousa Silva, M. Alves Moraes Montes	
COOPERATIVE LEARNING ACTIVITIES AND ACADEMIC ACHIEVEMENTS M.J. Colmenero Ruiz, M.I. Torres López, T. Palomeque Messia, P. Lorite Martínez	7514
PEER ASSESSMENT OF ORAL PRESENTATION SKILLS IN THE SUBJECT "MOLECULAR GENETICS" R. Peiró Barber, C. Esteras Gómez, A. Sifres Cuerda, J.M. Seguí-Simarro	7522
HUMAN SECURITY AS A NEW EDUCATION FIELD: THE CASE OF ALBANIA E. Hide	7528
TRAINING OF TEACHERS AND STUDENTS OF HIGHER EDUCATION FOR AN EDUCATIONAL INNOVATION USING INFORMATION AND COMMUNICATION TECHNOLOGIES: A LATIN-AMERICAN STUDY I. Moncluz, E. Nuñez Barriopedro	7536
THE LABORATORY DIDACTICS IN THE TEACHING - LEARNING PROCESSES OF LIFE SCIENCES. AN EDUCATIONAL PROJECT ON MICROORGANISMS IN THE ALIMENTATION IN PRIMARY SCHOOL C. Pavan, G. Santovito	7546
INTEGRATING SYNONYMS ANNOTATION INTO ENGLISH VIDEOS: THE EFFECTS OF VOCABULARY LEARNING, CONTENT UNDERSTANDING AND COGNITIVE LOADING J.W. Chang, Y.H. Wu, T.K. Chiu, C.Y. Su, T.I. Wang, M.C. Lee	7556
SCIENTIFIC CHALLENGES AND GAMES FOR ELDERLY PEOPLE: A TEACHING	7565
EXPERIENCE A.J. Moya, J. Martínez, M.A. García, A.J. López, J. Navas, J.M. Quesada, S. Mateo	
TEACHING CREATIVITY: SOME EXPERIENCES IN TEACHING EMOTIONAL DESIGN M. Maiocchi, M. Radeta, Z. Shafieyoun	7569
DEPLOYMENT OF BRAZIL TELEHEALTH NETWORKS PROGRAM IN THE STATE OF MARANHÃO (BRAZIL) H. Oliveira Serra, A. Bezerra Maia, P.J. Alves de Andrade, J. Serrão Amaral, L. Bezerra Maia, R. de	7576
Sousa Silva, M. Alves Moraes Montes A PHILOSOPHY OF INCLUSIVE TECHNOLOGY FOR PEOPLE WITH SPECIAL NEEDS, AND ITS APPLICATION IN A COURSE USING MOBILE COMPUTING DEVICES FOR UNDERGRADUATES AT THE LONDON SCHOOL OF ECONOMICS, UK S. Hayhoe	7579

PROMOTING OF THE GEOSPATIAL SKILLS: INTRODUCTION INTO GEOSKILLS PLUS PROJECT OF THE LEONARDO DA VINCI PROGRAMME P. Dijkstra, J.Y. Pirlot, V. Penkov, E. Parseliunas, M. Wijngaarde, K. Donert, D. Frigne, H. Westerbeek, K. Levoleger, D. Popovas, R. Obuchovski, D. Slikas, A. Buga	7587
PRE-SERVICE SCIENCE TEACHERS' ARGUMENTATION ABOUT A SOCIO-SCIENTIFIC ISSUE THROUGH AN INQUIRY ACTIVITY USING A PHYSICAL MODEL Y. Nam., Y.C. Chen	7597
ASSESSMENT OF CREATIVITY STIMULATION IN ARCHITECTURAL EDUCATION: WHAT RULES SHOULD WE ADOPT? Z. Salem	7607
A TIME AND A PLACE TO LEARN: CAN LEARNING CONTINUE IN VIRTUAL REALITY LONG AFTER TRADITIONAL DELIVERIES HAVE EXHAUSTED STUDENTS MINDS? A. Addison, W. O'Hare, A. Kerry	7618