INTED2012 TABLE OF CONTENTS

SCRAPYARD CHALLENGE AND SOFT CIRCUITS: INTRODUCING ELECTRONIC HARDWARE DESIGN AND ELECTRONICS TO ARTISTS AND DESIGNERS WITHIN AN EDUCATIONAL SETTING K. Moriwaki, P. Guimerans, C. Elguero, J. Brucker-Cohen	8
IMPROVING THE GRADES OF STUDENTS IN A GENERAL FIRST YEAR MATERIALS ENGINEERING SERVICE COURSE A. Blicblau	16
EXPLICIT VOCABULARY INSTRUCTION TO ENHANCE AT-RISK PRESCHOOLERS' VOCABULARY: WHO RESPONDS BEST TO THE INTERVENTION? <i>C. Japel, D. Vuattoux, E. Dion</i>	26
POLYTECHNIC STUDENTS' LEARNING EXPERIENCES WITH WEB 2.0 AS CONSTRUCTIVIST LEARNING TOOLS IN A PARTICIPATORY CULTURE M. Yeo	27
STUDENT LEARNING EXPERIENCE ON EARLY PHASE OF AUTOMOTIVE DESIGN PROCESS S.B. Mohd Yusoff, Z. Ibrahim	40
THEORETICAL CONSIDERATIONS FOR MOBILE LEARNING APPROACH: TEACHING-LEARNING MOBILE MODEL (TLMM) FOR THE HIGHER EDUCATION LEVEL P. Henríquez, J. Organista	55
RESEARCH AND DEVELOPMENT MANAGEMENT MODEL FOR ECO-TOURISM WITH PARTICIPATION OF COMMUNITY IN THAILAND <i>P. Phon-Ngam</i>	63
MODEL FOR THE IDENTIFICATION OF LEARNING STYLES IN VIRTUAL TRAINING ENVIRONMENT R. Guerrero Vergel, J. Peña Reyes	70
LA CIUDAD 'FERPECTA': EXPLORING THE SPANISH CARTOGRAPHIC IMAGINARY THROUGH VIRTUAL REALITY M. Compitello, J. Luna Freire	79
PRAGMATIC ASPECT OF SOCIAL AND POLITICAL TEXTS V. Subbotina	87
GRAMMATICAL SPECIFIC FEATURES OF SOCIAL AND POLITICAL TEXTS V. Subbotina	92
AN ENDORSEMENT PLAN FOR THE DEVELOPMENT OF HUMAN RESOURCES OF THE QUALITY UNITS IN SAUDI HIGHER EDUCATION INSTITUTES B. Alabdulkarim, A. Alfawaz	99
UTILIZING THE CIHUB TO EXPAND THE USE OF CONCEPT INVENTORIES: A CASE STUDY USING THE DYNAMICS CONCEPT INVENTORY B. Self, T. Reed-Rhoads, P.K. Imbrie	108
IDENTIFYING WAYS TO IMPROVE SCHOOL CHILDREN PERFORMANCE: THE STUDENTS' POINT OF VIEW E. Taratori, M. Kougiourouki, P. Stravakou	116
IMPLEMENTATION OF PBL METHODOLOGIES TO IMPROVE STUDENTS AFFINITY TO A KNOWLEDGE AREA. APPLYING A CASE STUDY I. Fernández Plazaola, M. Pons, C. Llinares, A. Montañana, E. Navarro	125
TECHNOLOGY RESOURCES AND DIGITAL COMPETITION INITIAL TEACHER <i>I. Cuadrado Gordillo, A. Montaño Sayago, I. Fernandez Antelo, F.A. Monroy García</i>	141
COMPETENCES IN HEALTH IN COMPULSORY SCHOOLING M. Talavera Ortega, V. Gavidia Catalán, M.D. Gil Llario, L. Perez de Eulate, M.C. Davó Blanes	150
THE IMPACT OF AGE AND GENDER ON THE LEARNERS' MOTIVATION AND ATTITUDES TOWARDS FRENCH IN SECONDARY EDUCATION IN FLANDERS A. Ruyffelaert, P. Hadermann	159
THE EVALUATION OF COMPETENCES IN HEALTH V. Gavidia Catalán, M. Talavera Ortega, C. Sendra Mocholí, E. LLorente Cámara, M. García de la Hera, B. Gomar	166
MOBILE-SUPPORTED FIELDWORK EDUCATION IN THE FORM OF PERFORMANCE SUPPORT SYSTEM S. Stoyanova-Petrova, D. Tokmakov, N. Mileva	174

THE BLACK-SCHOLES FORMULA: A VIRTUAL LABORATORY F. Giménez-Palomares, M.J. Marín-Fernández	181
ADAPTING ECONOMICS FOR THE CONSTRUCTION ENGINEERING DEGREE TO EHEA	185
A. Montañana, E. Navarro, I. Fernández Plazaola, M. Pons, C. Llinares	
ASSESSING WITH PREZI M. Briggs	193
MINIMIZATION OF SCALAR FIELDS: THE NELDER-MEAD METHOD F. Giménez-Palomares, M.J. Marín-Fernández	200
PERFORMANCE-CENTERED APPROACH FOR ADAPTIVE CURRICULUM FOR EMPLOYMENT NEEDS D. Tokmakov, N. Mileva, S. Stoyanova-Petrova	204
DEVELOPING A COLLABORATIVE VIRTUAL LEARNING ENVIRONMENT BETWEEN STUDENTS IN CROSS DISCIPLINES TO MEET THE NEW COLLEGE STRUCTURE <i>R. Hayden, F. McDonnell</i>	211
SOCIAL MEDIA: CHANGING THE WAY WE TEACH AND CHANGING THE WAY WE LEARN A. Cuevas, F. Kohle	221
USEFULNESS OF THE MULTIMEDIA FEEDBACK OF THE PHYSICAL EDUCATION USING E-LEARNING	227
Y. Tanaka, M. Sakanaka, K. Hamada, T. Wada, H. Takahashi	
HOW TO DEVELOP SOCIALS AND ETHICS COMPETENCIES IN THE CURRICULUM OF ENGINEERING STUDENTS S. Salamanca, P. Merchán, A. Adán	231
THE DEVELOPMENT AND BENEFITS OF A WORK PLACEMENT MODULE IN BUILT ENVIRONMENT RELATED DEGREE PROGRAMS F. McDonnell, R. Hayden	235
ON THE USE OF WEB 2.0 APPLICATIONS FOR HIGHER EDUCATION M. Cabedo Fabrés, A.I. Jiménez Belenguer, H. Moreno Ramón, S. Calvet Sanz, I. Guillén Guillamón, A. Rodríguez León, S. Ibáñez Asensio, C. Hernández Franco, C. Cárcel García	243
STRATEGIES OF IMPLEMENTING DIGITAL STORYTELLING FOR IMPROVING ENGLISH ORAL COMPETENCE C.K. Lee, S.J. Tseng	250
REFLECTIVE LEARNING IN HIGHER EDUCATION. PHASE 0: GETTING FEEDBACK FROM STUDENTS J. Colomer, L. Prats, M. Pérez Burriel, M. Pallisera, J. Fullana, R. Fernández	256
THE SCHOOL BUILDING IN FUNCTION OF A RURAL SETTLEMENT LIVING M. Bertina	266
COMPUTER SUPPORTED COLLABORATIVE LEARNING TOOLS: OPPORTUNITIES AND CHALLENGES FOR THE E-LEARNER D. Cooshna-Naik	274
FINAL PROJECT WORKSHOPS AS A PROPOSAL FOR ADAPTING TO THE EUROPEAN HIGHER EDUCATION AREA C. LLinares, A. Montañana, E. Navarro, I. Fernández Plazaola, M. Pons	284
	200
INTEGRATION OF WET LABS, COMPUTATIONAL LABS AND LECTURES IN UNDERGRADUATE CHEMISTRY EDUCATION P. Valverde	290
DEVELOPING COMPETENCES IN BUILDING ENGINEERING THROUGH THE USE OF QUALITATIVE RESEARCH METHODS: THE CASE OF A FINAL PROJECT WORKSHOP <i>E. Navarro, I. Fernández Plazaola, M. Pons, C. Llinares, A. Montañana</i>	300
TECHNICAL TRAINING COURSES: A TEACHING METHODOLOGY WITH A PRACTICAL POINT OF VIEW R. Castro Mejías, M.J. Cejudo Bastante, F. Chinnici, E. Durán Guerrero, C. García Barroso, R. Natera Marín, M.C. Rodríguez Dodero, M. Schwarz Rodriguez	310
SMART COLLABORATIVE LEARNING IN THE NEXT GENERATION CAMPUS ENVIRONMENT B. Hirsch	316
INFLUENCE OF SOCIETY NEEDS ON THE DEVELOPMENT OF EDUCATION IN LATVIA V. Laudams	324

SENSORY ANALYSIS AS A PEDAGOGICAL TOOL FOR ANALYTICAL CHEMISTRY M. Schwarz Rodriguez, M.A. Fernández Recamales, M.C. Rodríguez Dodero	330
ACQUIRING FRAGMENTS OF THE HISTORY: USING 3D MODELS IN THE TEACHING-LEARNING PROCESS P. Merchán, S. Salamanca, A. Adán, M.J. Merchán	335
WEBQUESTS AS AUTOLEARNING AND AUTOAVALUATION MATERIAL IN BIOANALYTICAL CHEMISTRY	343
J. Esteve-Romero, S. Carda-Broch, J. Peris-Vicente, M. Rambla-Alegre COORDINATION PRACTICE IN THE NEW SUBJECT CHEMISTRY FOR ENGINEERING J. Esteve-Romero, S. Carda-Broch, J. Peris-Vicente, M. Rambla-Alegre	345
MAKING THE TRANSITION FROM BLENDED LEARNING TO ONLINE LEARNING FOR A NURSING DEGREE PROGRAMME M. kirwan, P. Hussey	348
HOW TO INCLUDE EMPLOYMENT TRANSVERSAL COMPETENCES IN THE ACADEMIC CURRICULA. A PRACTICAL EXPERIENCE P. Martín Pérez, E. Muñoz Izquierdo, N. Gil Narbon, H. Sánchez-Puga Neira, A.M. Buitrago Escobar	352
FOOD PROCESS ENGINEERING. AN EVALUATION OF A CHANGE IN TEACHING METHODOLOGY <i>G. Clemente, A. Mulet, J.V. García-Pérez, J.A. Cárcel, J. Bon</i>	355
TEACHING SCIENCE TO THE DEAF - A BRAZILIAN EXPERIENCE V.M. Rumjanek, J. Barral, R.S. Schiaffino, D. Almeida, F.E. Pinto-Silva	361
ROLE-PLAYING AS AN ACTIVE METHODOLOGY TO LEARN MORE ABOUT ENVIRONMENTAL MANAGEMENT	367
N. Sanjuán, G. Clemente, J. Benedito, J.A. Cárcel, J.V. García-Pérez A PROPOSAL FOR THE EVALUATION OF THE COMPETENCES OF THE FINAL MASTER THESIS IN AN AGRICULTURAL SCIENCE MASTER E. Sendra, G. Romero, J.R. Díaz	371
LE SEMARY, G. ROMERO, J.R. DIAZ LEARNING OBJECTS FOR PRE-SERVICE TEACHERS. SIMULATIONS IN SCIENCE EDUCATION FOR INITIAL TEACHER TRAINING A. Quesada, M. Ariza	379
FLUENCI AND INTONATION D.F. Campbell, M. Meinardi, C. Pritchard, Y. Wang	385
(NO) BARRIERS TO LEARNING: A CASE STUDY OF DYSLEXIC STUDENT AND AVIATION ENGLISH D. Andriulo	391
IMPLEMENTATION OF AUDIENCE RESPONSE SYSTEMS IN TOURISM GRADE L. Pérez Naranjo, M. Rodriguez Zapatero, N. Ceular Villamandos	396
WIRELESS RAY TRACING EDUCATIONAL LAND N. Filer, M. Demaidi	402
CAN YOU CHAT IN CHINESE? Y. Wang, D.F. Campbell, C. Pritchard	412
LEARNING OF GRAPHIC PROCEDURES ABOUT PROCESS AND TEMPORALITY IN ARCHITECTURE. AN EXPERIENCE IN FIRST YEAR OF BOLOGNA'S PROCESS <i>J. Carrasco, C. Marcos, A. Allepuz</i>	418
PLAGIARISM IN UNIVERSITY ACADEMIC PAPERS E. Saneleuterio Temporal	428
TRANSFERABLE SKILLS AND HOURS OF LEARNING. HOW DO STUDENTS MANAGE THEM? <i>M. De Juan Vigaray, E. Gonzalez-Gascón, E. Subiza Martínez, C. Martínez Mora, M.L. Vallés Amores,</i> <i>J.A. Posadas García, J.J. López García, V. Hernández Ricarte, J.E. Peris Ferrando, J. Cuevas Casaña</i>	435
CONTINUITY, DISCONTINUITY OR CONTINUOUS DISCONTINUITY? - TIME CONCEPTIONS IN EDUCATIONAL PLANNING E. Rusanen	443
UNDERGRADUATE STUDENT LABORATORY ON ENVIRONMENTAL ENGINEERING C. Cameselle, S. Gouveia	452
THE SPREADSHEET AS A TEACHING TOOL IN ENGINEERING. APPLICATIONS, USE AND SELF-TAUGHT	456
J.M. Dávila Martín, J.C. Fortes Garrido, L. Crespo Díaz-Velarde, J.J. Prieto Romero LABORATORY WASTE MANAGEMENT AND TREATMENT. PRACTICAL APPLICATION FOR INDUSTRIAL ENGINEERING UNDERGRADUATE STUDENTS C. Cameselle, S. Gouveia	463

THE EUROPEAN HIGHER EDUCATION AREA AND PROJECT BASED LEARNING: IMPLEMENTING THE PBL APPROACH IN A NEW DEGREE COURSE: GENERAL LINGUISTICS I I.M. Munoz-Baell, R. Ortiz-Moncada, D. La Parra, M.C. Davo, J.S. Alvarez-Garcia	467
ACTION FOR THE ADAPTATION OF "BUILDING MATERIALS" SUBJECT TO THE METHOD OF CONTINUOUS ASSESSMENT FOR THE FORMATION OF THE NEW BUILDING ENGINEERS GRADUATES S. Gutiérrez, J. Gadea, A. Rodríguez, C. Junco, V. Calderón	477
AN EVALUATION OF THE RELATIONSHIP BETWEEN ON-LINE ASSESSMENTS AND	485
FINAL GRADES M.C. Martinez-Tomas, A. Cros Stotter, B. Gimeno Martinez, V. Muñoz Sanjose, C. Roldan Garcia, J.A. Martinez Lozano, M.P. Utrillas Esteban, A. Sanz Grau, X. Ponsoda Marti, P. Lahuerta Peña	100
TRANSFERRING INDUSTRIAL KNOWLEDGE TO EDUCATIONAL LEARNING: THE JOURNEY SO FAR <i>A. Srikumar, N. Essien, K. Hadjikosta, M. Macintyre, C. Martin</i>	494
THE UNIVERSITY OF ALICANTE PROJECT BASED LEARNING NETWORK: DESIGNING AND IMPLEMENTING LEARNING MATERIALS FOR TWO EHEA DEGREE COURSES	501
I.M. Munoz-Baell, D. La Parra, R. Ortiz-Moncada, M.C. Davo, J.S. Alvarez-Garcia	
THE IMPACT OF THE APPLICATION OF NEW PEDAGOGICAL METHODOLOGIES ON STUDENT EVALUATION OF EDUCATIONAL QUALITY <i>E. Garcia, D. Garzon, C. Santandreu-Mascarell</i>	511
A DUAL APPROACH TO TEACHING BUSINESS APPLICATIONS OF SOCIAL MEDIA S.A. Horgen, T.O. Olsen	521
QUESTIONNAIRE OF LEARNING, A PRACTICAL EXPERIENCE J.Q. Cuador Gil, J.A. Monsoriu-Serra, F. Giménez-Palomares	530
BILINGUALISM IN ENGINEERING CURRICULA AT CEIA3 UNIVERSITIES F. Manzano-Agugliaro, M.M. Sánchez Pérez, S. Salaberri Ramiro	536
ASSESSING COMPETENCIES: THE FLEMISH SYSTEM TO ASSESS AND CERTIFY SOCIAL INTERPRETERS B. Roels	543
USE OF VIRTUAL AND WET LABORATORIES IN BLENDED TEACHING AND LEARNING OF UNDERGRADUATE BIOLOGY COURSES P. Valverde	551
THE CLOUD & MOBILE LEARNING – A COMBINATION FROM HEAVEN P.J. Drouillon	560
EDUCATIONAL EFFECTIVENESS OF BUSINESS SIMULATORS: LOOKING FOR THE BEST GAME	568
M. Gutiérrez Fernández, M.S. Romero Cuadrado, V. Fernández de Tejada Muñoz	
LEARNING WITHIN AN INTEGRATED E-LEARNING ENVIRONMENT A.A. Andreica	576
VIRTUAL INSTRUMENTATION AND LABVIEW APPLICATION IN ELECTRONIC UNDERSTANDING C. Morón, A. García, E. Tremps	586
USING THE ANALYTIC HIERARCHY PROCESS TO IMPROVE TEACHING IN HIGHER EDUCATION	593
M.S. Romero Cuadrado, M. Gutiérrez Fernández, V. Fernández de Tejada Muñoz	
INQUIRY BASED LEARNING: WHY BUYING A CAR WITH A TREE INCLUDED? A PROPOSAL FOR ENHANCING SCIENCE AND MATHEMATICS LEARNING M. Ariza, A. Quesada, A.M. Abril, F.J. García	601
CATEGORICAL DATA MODELLING IN A VIRTUAL ENVIRONMENT: SELF-LEARNING VIDEO/TUTORIAL FOR PRACTICES WITH R SOFTWARE A.M. Aguilera, M.C. Aguilera-Morillo, M.J. Valderrama	610
CONTINUING EDUCATION FOR THE PROPERTY PROFESSIONAL IN AUSTRALIA H. Antoniades	617
POTENTIAL ENGAGING ROLE OF MOBILE EDUTAINMENT IN MEDICAL EDUCATION: PEDAGOGICAL REFLECTIONS <i>M. Al Ajmi, A. Khan</i>	628
JAVA APPLETS AND NEW TECHNOLOGIES: AN EXPERIENCE ON TEACHING SCIENCE AT SECONDARY EDUCATION A. Gomez Gomez, F.J. Lena Acebo, J. Saiz Ipiña, A. del Campo Castañeda	634

PAT-UA. EXPERIENCES OF ACADEMIC TUTORSHIP IN THE UNIVERSITY OF ALICANTE (SPAIN)	638
V. Carrasco-Embuena, M.J. Hernández-Amorós, M.J. Iglesias-Martínez, I. Lozano-Cabezas	
WHAT DO SECONDARY SCHOOL STUDENTS NEED TO KNOW ABOUT A UNIVERSITY THAT WOULD FACILITATE THEIR CHOICE? J.A. Conejero, E. García-Félix, M.C. Rodríguez-Monzonís, V. Vivancos, R. Capilla	645
EVALUATION BY THE STUDENTS OF THE IMPLEMENTATION OF PROJECT ORIENTED LEARNING IN AN EXPERIMENTAL SUBJECT OF CHEMICAL ENGINEERING J.M. Arnal, M. Sancho, B. García-Fayos	653
NEW TECHNOLOGIES, DYSLEXIA AND SCHOOL REALITY V. Thomopoulou, S. Nikolidakis	659
TEACHING EXPERIENCES USING COOPERATIVE LEARNING IN CIVIL ENGINEERING <i>A. Castro, C. Nuñez, G. Iglesias, R. Carballo</i>	669
EVALUATION OF TUTORING IN AN EXPERIMENTAL SUBJECT OF CHEMICAL ENGINEERING BASED ON PROJECT ORIENTED LEARNING J.M. Arnal, B. García-Fayos, M. Sancho	676
BEST PRACTICES IN ICT EMPOWERING PRE-SERVICE TEACHERS E. Arabi	682
BRIDGING DIGITAL DIVIDE TO ENHANCE TEACHING AND LEARNING FOR HUMAN CAPITAL DEVELOPMENT IN THE EAST COAST ECONOMIC REGION (ECER) OF MALAYSIA	687
A.M. Abdulai, C. Siwar, A.G. Bin Ismail, N.A. Mohd. Noor, P.R. Makol-Abdul	
TRAINING MEANS FOR AUTOMATIC SYSTEMS STUDY O. Ruban	694
RESEARCH ON MANAGING PRIVATE CLOUD COMPUTING INFRASTRUCTURE E. Shoikova, A. Peshev	699
MODEL ELICITING ACTIVITIES: LESSONS LEARNED FROM A FIVE-YEAR, SEVEN INSTITUTION COLLABORATION	709
B. Self, L.J. Shuman, M. Besterfield-Sacre, H. Diefes-Dux, T. Moore, J. Christ, R.L. Miller, E. Hamilton	
THE USE OF A LANGUAGE LEARNING STRATEGY FOR TRANSLATING A TEXT AMONG SIXTH FORM STUDENTS IN NEGARA BRUNEI DARUSSALAM: AN OVERVIEW	719
S. Tarasat, A. Mohiddin	
TEACHING HOME AUTOMATION SYSTEMS IN THE FRAME OF THE HIGHER EDUCATION AREA <i>C. Alvarez-Ortega, H. Amaris, M. Alonso</i>	727
EFFECTIVE KNOWLEDGE TRANSFER ON ADVANCED TECHNOLOGIES FOR PRODUCTION OF INNOVATIVE ENGINEERING MATERIALS INTO INDUSTRY J. Jerz, L. Orovčík, B. Wilfinger, R.C. Hula	737
"SPAIN AND EVERYWHERE ELSE": REVAMPING THE CURRICULUM IN SPANISH AT THE TERTIARY LEVEL L. Oxford	753
PROMOTING ACADEMIC RESOURCES IN SOCIETY (PARIS) - OPENING UP ACCESS TO LEARNING RESOURCES FOR CARE PROVIDERS OF CHILDREN WITH COCHLEAR IMPLANTS S. Stapleton, A. Beggan	756
AN INTERACTIVE COUNTRY DATA EXPLORATION SYSTEM PROVIDING VISUAL CLUES TO STUDENTS T. Kajiyama	757
DEVELOPING A SUCCESSFUL PRACTICAL EXPERIENCE PROGRAMME FOR UNDERGRADUATE STUDENTS IN A CONSTRUCTION RELATED DEGREE G. Flynn	765
APPLES AND ORANGES: USING JAPAN TO INFLUENCE AMERICAN HIGHER EDUCATION POLICY AND INCREASE GRADUATION RATES C. Hale, M. Christianson, K. Ohata	770
MULTIMEDIA INTEGRATED SYLLABUS: A CASE STUDY IN AN EFL CONTEXT M. Gheitanchian, A. Hazratzad, M. Bava Harji	776
STRUCTURAL MODELS. THE IDEA OF "SOFT, HARD AND ETHIC" APPLIED TO SUSTAINABLE ARCHITECTURE J. Carrasco, J. Alvado	781

THE DIFFICULTIES, BENEFITS AND SUCCESS FACTORS IN SELF-ASSESSMENT PROCESSES J.J. Tarí, S. de Juana Espinosa	790
EDUCATIONAL PLATFORMS IN LEARNING WEB APPLICATIONS R. Prado, J.E. Muñoz-Exposito, S. Garcia-Galan	799
MAKING DATA USEFUL: PROVIDING ENHANCED ACCESS TO PUBLIC DATA THROUGH WEB AND APP TOOLS TO FACILITATE BETTER LOCAL DECISIONMAKING J.W. Sipple, J. Vink, J. Francis, J. Williams, J. Morgan, S. Brady, A. Tait	803
REACTIVATING DEMOTIVATED LEARNERS - THE REACT APPROACH A. Ferrando, C. Ruiz, P. de Vries, T. Hennis, A. Dos Santos	812
TEACHING RESOURCES AND LEARNING MANAGEMENT SYSTEMS <i>R. Prado, J.E. Muñoz-Exposito, S. Garcia-Galan</i>	821
RURAL-URBAN DIFFERENCES IN INFORMATION ACCESS AND INFORMATION LITERACY AMONG ADULTS IN TAIWAN <i>M.H. Wei, C.H. Chen</i>	826
ENHANCING THE STUDENT LEARNING JOURNEY THROUGH THE USE OF TECHNOLOGY	832
K. Hajikosta, N. Essien, A. Srikumar, R. O'Toole, M. Macintyre, A. Van Wijgerden, C. Martin TIME, INTERACTION AND PERFORMANCE IN ONLINE STUDENT TEAMS: A TRAINING APPROACH P. Beranek	841
TRACING THE USE OF COMMUNICATION TECHNOLOGY IN HIGHER EDUCATION: A LITERATURE REVIEW <i>M. Pinto, F. Souza, F. Nogueira, A. Balula, L. Pedro, L. Pombo, F. Ramos, A. Moreira</i>	850
FROM INTERACTION TO THE PARTNERSHIP. COOPERATION OF SCHOOLS WITH THE COMMUNITY K. Hernik	860
ONLINE CONTINUING EDUCATION IN GIS AND GEOGRAPHICAL DATA QUALITY - SCHOOL OF ENGINEERING - URUGUAY R. Casanova, R. Sosa, H. Bermúdez, N. Canneva	869
"PRACTICA DOCENTE" ASSOCIATED WITH THE USE OF ENCICLOMEDIA N. Alvarez Mexia, T. Griego-Jones	879
DEVELOPMENT EDUCATION AND UNIVERSITY SOCIAL RESPONSIBILITY A. Cano Ramírez	889
ADVANCED LEARNING FOR ADVANCED RESEARCH I. Fernandes Silva, J. Rodrigues Duarte	907
COMPETENCE DEVELOPMENT ENHANCED BY LEARNING PATHS DESIGN AND E- PORTFOLIO IMPLEMENTATION WITHIN ILIAS E. Shoikova, M. Krumova	913
POSITIONAL EFFECT OF ITEM BLOCKS IN INTERNATIONAL LARGE-SCALE ASSESSMENT CAUSED THE ITEM DIFFICULTY DIFFERENT BETWEEN TAIWAN AND THE USA K.M. Chen, T.H. Jen	924
EXPERIENCES TRAINING THE ELDERLY TO USE COMPUTERS AND INTERNET <i>E. Garcia, A. Giret, M.A. Salido</i>	928
AVIONIC CONTROL SYSTEMS FOR EDUCATION AND DEVELOPMENT N. Gageik, A. Redah, S. Montenegro	935
INTENTIONAL CHANGE AND MOTIVATION TO CHANGE. EXPLORING COMPETENCE ASSESSMENT AND DEVELOPMENT IN HIGHER EDUCATION A. Bikfalvi, A. Simon, E. Villar	943
IMPACT OF MIGRATION ON EARLY DROP-OUT FROM COMPULSORY EDUCATION: ANALYSIS OF INTERRELATIONSHIPS OF SOCIAL CAPITAL AND DROP-OUT IN TURKISH EDUCATION SYSTEM F. Goksen, Z. Cemalcilar	953
EXPLORING THE APPLICATION OF CUSTOMER SATISFACTION AND QUALITY STANDARDS IN UNIVERSITY TEACHING A. Simon	964
A MASTERY LEARNING APPROACH: AN INTRODUCTORY PROGRAMMING COURSE DESIGN FOR DIVERSIFIED STUDENTS' INTERESTS S. Arakawa, A. Sasaki, K. Itou	973

EDUCATING FOR ENVIRONMENTAL SUSTAINABILITY: THE SUSTAINABLE EARTH PROJECT A. Barreto, F. Santos	980
USE OF ECOLOGICAL INVENTORIES FOR ASSESSMENT AND TRAINING OF CHILDREN WITH INTELLECTUAL DISABILITIES M. Mohsin	987
TEACHING PHILOLOGICAL SUBJECTS THROUGH YOU TUBE S. Nikolidakis, F. Anastasopoulou	993
DEVELOPING LIFE SKILLS IN UNDERGRADUATE LEARNERS THROUGH NATIONAL SERVICE SCHEME (NSS) <i>S. Mishra, U. Vashishtha</i>	1004
FACTORS INFLUENCING CREATIVITY IN BUSINESS INNOVATION: FROM THE PERSPECTIVE OF CSIKSZENTMIHALYI'S CREATIVITY SYSTEM C.H. Chen	1011
DIDACTICAL SUPPORT FOR TEACHING ASSISTANTS IN HIGHER SCIENCE AND ENGINEERING EDUCATION <i>I. Van Hemelrijck, I. Peeters, S. Creten, C. Van Soom</i>	1017
FIRST CONTACT WITH STATISTICS IN THE PHYSIOTHERAPY DEGREE G.V. Espí López, I. Colorado Lluch, M. Jovani Palau, T. Sentandreu Mañó	1025
THE ULTIMATE CURRICULUM DESIGN FOR THE ULTIMATE LEARNING EXPERIENCE IN HIGHER EDUCATION? I. Peeters, P. Lievens	1028
CONTINUING A TRADITION OF EXCELLENCE – LESSONS LEARNED FROM TEN YEARS OF PROVIDING A DOCTOR OF PHARMACY CURRICULUM IN A DISTANCE CAMPUS ENVIRONMENT J. Williams, C. Motycka, S. Normann	1037
DEGREE IN PHYSIOTHERAPY: STUDENT'S EVALUATION OF COMPETENCIES IN THE SUBJECT OF STATISTICS <i>G.V. Espí López, I. Colorado Lluch, M. Jovani Palau, T. Sentandreu Mañó</i>	1044
UNDERNEATH THE UNIVERSITY'S ORGANIZATIONAL LIFE: AN ANALYTICAL PSYCHOLOGY ORGANIZATIONAL APPROACH M. Minulescu	1047
REACT. RE-ACTIVATING TEACHERS AND LEARNERS A. Ferrando, C. Ruiz	1053
TEACHING K-12 WITH FOUR TYPES OF PHOTOGRAPHS Y.H. Huang	1054
UNIVERSITY-INDUSTRY COLLABORATION PROJECTS: SYMBIOTIC BENEFITS FOR FOOD QUALITY DEVELOPMENT A. Cilla, R. Lacomba, A. Alegria, G. Garcia-Llatas, M.J. Lagarda, R. Barbera	1059
ASSESSING MATHEMATICAL COGNITIVE COMPETENCIES A.F. Díaz-Cárdenas, M.R. Sankey-García, A. Díaz-Furlong, R. Xoxocotzi-Aguilar, H.A. Díaz-Furlong, M.A. Vela-Garay	1060
CONTINUOUS ASSESSMENT IN THERMODYNAMICS THROUGH AUTOMATICALLY GENERATED PUPIL-CUSTOMIZED EXERCISES	1065
R. Nieto Carlier, I. López Paniagua, C. González Fernández, J. Rodríguez Martín, Á. Jiménez Álvaro LEARNING SOME SKILLS FOR BECOMING BETTER TEACHER	1071
S. Mishra, U. Vashishtha STUDENT RELATIONSHIP MANAGEMENT IN THE CLOUD Z. Bogdanovic, D. Barac, A. Labus, K. Simic, M. Vulic	1079
AN APPLICATION FOR INTEGRATED RESOURCE MANAGEMENT IN EDUCATIONAL CLOUD M. Despotovic-Zrakic, K. Simic, Z. Bogdanovic, A. Milic, V. Vujin	1089
THE IDENTITY CONSTITUTION OF REFUGEES IN SÃO PAULO: HOMES IN THE COMPLEXITY OF PORTUGUESE AS A FOREIGN LANGUAGE TEACHING-LEARNING P. Rezende	1098
A SELF ACCESS CENTER: A WINDOW TOWARDS AUTONOMY A. Gutiérrez Rodriguez, K.L. Mata Martínez, A. Arriaga Parada	1108
THE LEARNING TRANSFER IN THE ONLINE SYSTEMS D. Moreno, M.L. Cepeda	1116
ICT SKILLS AND COMPUTER SELF-EFFICACY OF HIGHER EDUCATION STUDENTS <i>S. Poelmans, F. Truyen, C. Stockman</i>	1123

EVALUATING A TEMPLATE STRUCTURE FOR ONLINE PROFESSIONAL DEVELOPMENT UNITS <i>A. Doig, L. Mann</i>	1133
CLIMBING WALL AS A THERAPEUTIC TOOL FOR CHILDREN SUFFERING WITH MENTAL DISORDERS N. Hellinger, S. Spitzer	1142
PODCASTING, A LEARNING TOOL FOR ONLINE JOURNALISM STUDENTS COMUNIC@NDO M. Iglesias, C. González	1145
LIGHTS AND SHADOWS ON THE IMPLEMENTATION OF THE NEW DEGREES. REFLECTIONS FROM SOME TEACHING EXPERIENCES IN THE DEGREE OF ADVERTISING AND PUBLIC RELATIONS AT THE UNIVERSITY OF ALICANTE. A PROFESSIONAL PERSPECTIVE ON THE INAUGURAL YEAR OF THE NEW BOLOGNA M. Iglesias, M. Martín, A. Feliu	1151
WEB PORTAL FOR SELF-DIRECTED LEARNING, EXPERIMENTATION AND COLLABORATION ON PROJECTS IN ELECTRONICS AND COMPUTER TECHNOLOGY P. Radoyska	1160
SELF-DIRECTED LEARNING AND SELF-DIRECTED ASSESSMENTS IN ENGINEERING AREA P. Radoyska	1170
GENERIC SKILLS TRAINING IN CIVIL ENGINEERING C. Nuñez, A. Castro, G. Iglesias, R. Carballo	1177
INTELLIGENT TUTORING THROUGH HUMAN - COMPUTER INTERACTION P. Bhalla, P. Bhardwaj, G. Makkar	1188
SUCCESS FACTORS IN THE ACCREDITATION PROCESS OF AN ENGINEERING PROGRAM J.J. Reyes Guzmán, L.A. Gallardo Cruz	1189
ON THE USE OF MASSIVE EVALUATION TO INCREASE STUDENTS' LEARNING <i>D. Blazquez, J. Domenech, E. de la Poza</i>	1195
MOODLE, WEB 2.0 & "IFRAME"	1200
C. Ornat, Z. Kallas	
C. Ornat, Z. Kallas INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić	1204
INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE	1204 1212
INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić	
INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES	1212
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE 	1212 1218
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Damnjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL 	1212 1218 1224
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Damnjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL P. Dias, N. Alves, P. Abrantes, C. Rodrigues ICT- A NEW LEARNING AND TEACHING TOOL IN ANCIENT GREEK STUDIES 	1212 1218 1224 1229
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Damnjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL P. Dias, N. Alves, P. Abrantes, C. Rodrigues ICT- A NEW LEARNING AND TEACHING TOOL IN ANCIENT GREEK STUDIES E. Kalerante, S. Nikolidakis, E. Georgopoulou HIGHER EDUCATION STUDENTS AS A KEY PIECE OF UNIVERSITY – INDUSTRY COLLABORATION: THE CASE FROM MONDRAGON UNIVERSITY 	1212 1218 1224 1229 1235
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Damnjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL P. Dias, N. Alves, P. Abrantes, C. Rodrigues ICT- A NEW LEARNING AND TEACHING TOOL IN ANCIENT GREEK STUDIES E. Kalerante, S. Nikolidakis, E. Georgopoulou HIGHER EDUCATION STUDENTS AS A KEY PIECE OF UNIVERSITY – INDUSTRY 	1212 1218 1224 1229 1235 1236
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Dannjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL P. Dias, N. Alves, P. Abrantes, C. Rodrigues ICT- A NEW LEARNING AND TEACHING TOOL IN ANCIENT GREEK STUDIES E. Kalerante, S. Nikolidakis, E. Georgopoulou HIGHER EDUCATION STUDENTS AS A KEY PIECE OF UNIVERSITY – INDUSTRY COLLABORATION: THE CASE FROM MONDRAGON UNIVERSITY L. Markuerkiaga, N. Errasti, J.I. Igartua ORGANIZING INFORMATION: ARCHITECTS AND THE KNOWLEDGE MANAGEMENT IN THE DESIGN PROCESS 	1212 1218 1224 1229 1235 1236 1246
 INFORMATIZATION OF SCHOOL MEDICINE IN CROATIA V. Jureša, V. Musil, M. Majer, Z. Šošić EXPERIENCES ABOUT USING BLOOM'S TAXONOMY IN COMPUTER SCIENCE I. Echeverria, I. Lopez de Ugalde, I. Necula A NEW METHODOLOGY FOR MEASURING THIRD MISSION ACTIVITIES OF UNIVERSITIES A. Carrión, V.R. García-Gutiérrez, M.C. Bas, J.M. Carot EXERGAMES: A NEW TOOL FOR PROMOTING PHYSICAL ACTIVITY IN SCHOOLS M. Gonçalves Marques, T. da Silva de Assis, A. Sholl-Franco HOW TO MAKE EFFECTIVE CLASS WITH THE CASE STUDY METHOD? - STUDENTS' PERSPECTIVE B. Novcic, V. Dannjanovic, V. Filipovic POTENTIALITIES AND CAPABILITIES TO EXPLORE THE MOODLE PLATFORM IN PORTUGAL P. Dias, N. Alves, P. Abrantes, C. Rodrigues ICT- A NEW LEARNING AND TEACHING TOOL IN ANCIENT GREEK STUDIES E. Kalerante, S. Nikolidakis, E. Georgopulou HIGHER EDUCATION STUDENTS AS A KEY PIECE OF UNIVERSITY – INDUSTRY COLLABORATION: THE CASE FROM MONDRAGON UNIVERSITY L. Markuerkiaga, N. Errasti, J.I. Igartua ORGANIZING INFORMATION: ARCHITECTS AND THE KNOWLEDGE MANAGEMENT IN THE DESIGN PROCESS B. Espigares Rooney, P. Gimena Córdoba THE SCHOOL AS LEARNING ORGANIZATION: THE SPECIFIC CONTRIBUTION OF THE INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) 	1212 1218 1224 1229 1235 1236 1246 1255

THE MANNER OF USING ON-LINE MEDIA CONTENT IN THE STUDENT POPULATION	1281
G. Bulatovic, L. Bulatovic, O. Arsenijevic EDUBLOGS AS A SUPPORT FOR TEACHING-LEARNING PROCESS IN THE UNIVERSITY CONTEXT R. Lago, P. Alós	1292
ESL GENIE: AN INTERACTIVE, INTELLIGENT SYSTEM FOR SECOND LANGUAGE LEARNING AND TEACHING ON THE WEB J. Alexandre, J. Elman	1300
E-BOOK: A TOOL FOR A TECHNOLOGICAL CONVERSION WITHIN THE UNIVERSITY ENVIRONMENT P. Alós, R. Lago	1306
THE SEVERITY OF SOME FORMS OF ACADEMIC DISHONESTY: THE OPINION OF STUDENTS ENROLLED IN SECONDARY EDUCATION R. Comas Forgas, J. Sureda Negre, L. Tudela Villalonga, G. Samioti	1311
PREJUDICE OR UNPREPARED? AN INVESTIGATION ABOUT THE PERCEPTION OF THE EDUCATION PROFESSORS ON TEACHER TRAINING IN DISTANCE EDUCATION MODALITY	1312
C. Netto, L. Giraffa, A. Adriana	
AN EMPIRICAL EVALUATION OF DIFFERENT TECHNIQUES FOR STUDENTS' PEER ASSESSMENT C. Blanco, P. Sánchez	1318
SHARING KNOWLEDGE AND LEARNING THROUGH CORPORATE SOCIAL NETWORK J. Gomes, C. Netto	1326
SENSORY SPACE FOCUSED ON ELEMENTARY SCHOOL CHILDREN WITH DISABILITIES IN THE MIXTECA REGION, OAXACA, MEXICO L. Palacios Villavicencio, D. Pérez Humara, R. Olivos Contreras, A. Acosta Romero, E. Cortés Camacho, J. Vázquez Sánchez	1333
FIELD EXPERIENCE IN TEACHER EDUCATION: PRE-SERVICE TEACHERS' PERSPECTIVES O. Al-Hassan	1342
A BASIC BUT POWERFUL TECHNIQUE FOR STUDENTS' EFFECTIVE COOPERATIVE WORKING P. Sánchez, C. Blanco	1346
DESIGNING AND DEVELOPING PEER LEARNING ASSESSMENT SERVICES FOR SMARTPHONES AND PAD <i>T. Thorseth, G. Hansen-Nygård, R.P. Pein, J.B. Stav, K. Arnesen</i>	1354
STUDENTS EXPERIENCE WITH USE OF RESPONSE TECHNOLOGY ON THEIR SMARTPHONES <i>K.J. Nielsen, G. Hansen-Nygård, T. Talmo, A. Grøm, J.B. Stav</i>	1361
CINEMATOGRAPHIC RESOURCES IN TEACHING-LEARNING MEDICAL SKILLS M.A. Ortiz Jauregi, A. González-Pinto Arrillaga, A. González-Pinto Arrillaga, A. Besga Basterra, M. Martínez Cengotitabengoa	1366
TACTILE CARTOGRAPHY EXPERIENCES IN BRAZIL: METHODOLOGIES AND DIDACTICAL MATERIAL WITH TECHNOLOGICAL RESOURCES FOR INCLUSION OF BLIND AND LOW VISION STUDENTS M. Freitas	1371
QUALITY MEASUREMENT OF UNIVERSITY LECTURERS AND PROFESSORS: SOME QUALITATIVE PROPOSALS BASED ON STUDENT'S PERCEPTION F. Diez	1380
JMATHWIKI, SELF-STUDY ONLINE VIA A KNOWLEDGE BASE M.A. García Muñoz, J.F. Ruiz Ruiz, C. Ordoñez Cañada, C. Rodríguez Montealegre, P. Garrancho García, J.M. Teruel Quesada, A. Damas Serrano, C. Sánchez Gómez, I. Castro Lopez	1392
INFORMATION AND COMMUNICATION TECHNOLOGIES FOR THE TEACHING AND LEARNING PROCESSES IN THE ONLINE MODALITIES OF HIGHER EDUCATION I. Mijares, D. Chan	1398
THE USE OF DIGITAL TRANSMEDIA STORYTELLING FOR CASE STUDIES IN MARKETING EDUCATION L. Andreu, J. Marti, J. Aldas	1406

EVALUATING TEACHING PRESENCE IN A VIRTUAL ENVIRONMENT: EXAMINING INTERACTIONS IN A FORUM OF THE PROEDI SOCIAL NETWORK <i>E. Santana Lisbôa, C. Coutinho</i>	1415
SOCIOLOGICAL EXPLANATION OF EXAMINATION MALPRACTICES IN NIGERIA EDUCATIONAL INSTITUTIONS: CAUSES AND EFFECTS ON DEVELOPMENT C.A. Oluyemo	1425
ACADEMIC PROCRASTINATION AND CYBERSLACKING C. Silbenberg	1436
TRANSCRIBE YOUR CLASS: EMPOWERING STUDENTS, INSTRUCTORS, AND INSTITUTIONS: FACTORS AFFECTING IMPLEMENTATION AND ADOPTION OF A HOSTED TRANSCRIPTION SERVICE K. Bain, J. Stevens, H. Martin, E. Lund-Lucas	1446
THE EFFECT OF CULTURE ON EDUCATIONAL METHODOLOGIES IN INTERNATIONAL BUSINESS PROGRAMS: AN APPLICATION TO THE IMBA PROGRAM L. Andreu, A. Cervera, J. Aldas, M. Frasquet, M. González-Gallarza, M. Iborra, I. Sánchez	1455
REAPING THE BENEFITS OF CENTRALLY MANAGED SOFTWARE LICENSING & DISTRIBUTION <i>M. Rendall, J. Najera-Ordonez</i>	1460
EDUCATIONAL PROBLEMS IN LEARNING COMPUTER PROGRAMMING AND THEIR SOLUTIONS K. Kaseb, M. Sayedi, R. Mirzaei	1469
SEXUAL HARASSMENT OF FEMALES IN NIGERIA EDUCATIONAL INSTITUTIONS: A BARRIER TO LEARNING AND EDUCATIONAL PERFORMANCE OF FEMALE STUDENTS C.A. Oluyemo	1475
THE ROLE OF THE AGREEMENTS WITH COMPANIES IN THE FORMATION OF THE ARCHITECT: EXPERIENCES IN THE SCHOOL OF ARCHITECTURE OF VALENCIA (SPAIN)	1485
D. Domingo Calabuig, R. López Gallego, C. Sentieri Omarrementería INTERNATIONAL SEMINARS AS A PART OF MODERN MASTER COMPUTER SCIENCE EDUCATION M. Milosz, M. Plechawska-Wójcik, M. Borys, S. Luján-Mora	1494
CRITICAL ETHNOGRAPHY OF EVALUATION METHODS IN LANGUAGE LEARNING S.S. Ghahremani Ghajar, F.S. Kamali	1501
A SOFTWARE TOOL FOR THE AUTOMATIC TRACKING AND SEGMENTATION OF STUDENT'S PROFILES J. Martin, M. Santos Peñas, V. Lopez, A. Vargas	1511
IDENTIFYING THE POTENTIAL FOR BLENDED LEARNING IN LARGE CLASS SIZES WITH LIMITED RESOURCES: A CASE STUDY UNDERTAKEN IN AN IT UNDERGRADUATE COURSE S. Sultan	1518
DIGITAL LITERACY IN HIGHER EDUCATION: ENHANCING LEARNING AND UNDERGRADUATE EXPERIENCE <i>M. Olaniyan, D. Graham, D. Nielsen</i>	1522
IN-SERVICE TRAINING OF TEACHERS ON TECHNOLOGY IN EDUCATION : SOME CONSIDERATIONS FROM A NATIONAL PROJECT IN GREECE V. Dagdilelis, D. Psillos	1529
AN INVESTIGATION INTO STUDENTS' LEARNING STYLES AND THEIR PARTICIPATION IN A BLENDED LEARNING ENVIRONMENT S. Sultan	1533
INCORPORATION OF INFORMATION AND COMMUNICATION TECHNOLOGY IN HIGHER EDUCATION AND THE CONTINUOUS IMPROVEMENT OF KNOWLEDGE: CASE OF THE AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA D. Chan, T. Gaona	1537
FROM UNIVARIATE TO MULTIVARIATE CALIBRATION: EXPERIENCES IN THE ANALYTICAL CHEMISTRY LABORATORY COURSES J. Saez, L. Kortazar, J.K. Izaguirre, K. Castro, I. Martinez, L. Fernández	1546
THE DELICATE BALANCE BETWEEN OBSERVING AND FACILITATING ONLINE DISCUSSIONS <i>L. Grant, B. Frye</i>	1555

EDUCATION AND DEVELOPMENT OF RESEARCH TEAM FOR CENTRE OF MATERIAL SCIENCE AT THE UNIVERSITY OF PARDUBICE	1563
M. Vejchodova, T. Wagner, L. Vitkova, L. Machacova TROUBLESHOOTING PROBLEMS WITHIN A BUSINESS THROUGH AN EFFICIENT SOFTWARE BASED SOLUTION P. Bhalla, P. Bali, P. Bhardwaj, G. Makkar	1569
BUSINESS SIMULATION GAMES DURING THE SUMMER SCHOOLS – THE CASE STUDY E. Milosz, M. Milosz	1577
ONE SIMPLE SOLUTION FOR INTERACTIVE DISTANT TEACHING OF APPLICATION SOFTWARE USAGE J. Lavendels, V. Sitikovs, J. Steinmanis	1584
STUDENTS' DIARY AS CLINICAL PRACTICE ASSESSMENT SYSTEM M.I. Mariscal-Crespo, D. Merino-Navarro, R. Camacho-Bejarano	1590
MOTIVATING STUDENTS THROUGH TECHNOLOGY: USING MEDIA AND COLLABORATIVE TECHNOLOGIES IN LANGUAGE TEACHING AND LEARNING P. Marín García, L. Astruc	1594
DRIVERS OF ATTRACTIVENESS AND SUCCESS OF INITIAL VOCATIONAL EDUCATION AND TRAINING: LATVIAN CASE J. Lavendels, V. Sitikovs, M. Uhanova	1604
INTENSIVE PROGRAMMES AS A MEANS OF MULTINATIONAL COLLABORATION AND DEVELOPMENT OF STUDENTS' SKILLS O. Civzele, L. Turusheva	1608
A CAPACITY BUILDING PROGRAMME FOR SUSTAINABILITY: KEY COMPETENCIES THROUGH FORMAL AND NON-FORMAL APPROACHES L. Charli-Joseph, L.A. Bojórquez-Tapia, P. Gómez-Priego, D. Pedroza-Páez	1616
TEACHER EDUCATORS' AS RESEARCHERS: MOTIVES AND OBSTACLES F. Nasser-Abu Alhija, A. Majdob	1631
THE USE OF THE E-BOOK AS A TEACHING RESOURCE IN THE UNIVERSITY A. Montejo Ráez, M.T. Ocaña Moral, M. García Vega, R. Quijano López, A. Ureña López	1639
TRADITIONAL EDUCATION AND/OR DISTANCE LEARNING AS A CHALLENGE TO MEDICAL UNIVERSITY OF WARSAW - OPINIONS OF PHYSIOTHERAPY STUDENTS D. Białoszewski, J. Gotlib, K. Kasperska, A. Mosiołek	1645
LEARN2LEAD EUROPEAN PROJECT: EFFECTIVENESS OF A SERIOUS GAME FOR LEADERSHIP TRAINING S. Quero, M.A. Pérez-Ara, C. Botella, J. Bretón-López, R.M. Baños, S. Nebot	1652
LEARNING FROM NATIVES' ERRORS: AN ANALYSIS OF STUDENTS' ERRORS IN WRITTEN LANGUAGE A. Deveneyns, J. Tummers	1660
AN EXAMPLE OF GOOD PRACTICES ABOUT THE SOCIAL DIMENSION OF DIGITAL LITERACY G.P. González Alarcón	1671
THE CHALLENGES OF TEACHING AND LEARNING THE ENGLISH STRESS IN ESL CLASSROOM: THE CASE OF NIGERIA J. Akindele	1679
VOCATIONAL PLANS OF FINAL-YEAR FIRST-CYCLE STUDENTS OF PHYSIOTHERAPY IN SELECTED EUROPEAN COUNTRIES J. Gotlib, D. Białoszewski, U. Cavlak, S. Janev, I. Kunicka, B. Paz Lourido	1686
HIGHER EDUCATION IN THE TIMBER INDUSTRY, AN IMPORTANT FACTOR FOR ECONOMIC DEVELOPMENT OF KOSOVO A. Bajraktari, L. Bouriaud, A. Petutschnigg, L. Nunes, H. Pereira	1695
EXPERIENCES WITH USE OF ACTIVITY BASED TRAINING IN VOCATIONAL EDUCATION AND TRAINING J.B. Stav, B. Voaidas, K. Arnesen	1701
MULTIMEDIA AND DIGITAL GAME BASED APPROACHES TO TEACHING AND LEARNING OF CHEMISTRY AND THEIR IMPACT ON LEARNING, PERCEPTION AND ATTITUDES – CASE OF O-LEVEL MAURITIAN STUDENTS D. Cooshna-Naik	1707
PLATFORM "M@T - EDUCATE WITH SUCCESS" - A CASE STUDY IN HIGHER EDUCATION I. Araújo, I. Cabrita	1708

"PLAN DIRECTOR" FOR THE IMPROVEMENT OF THE SECURITY IN THE SCHOLAR ENVIRONMENT IN BOADILLA DEL MONTE A. Sanchez-Sanchez	1718
DO FACULTY SEMINARS CONTRIBUTE TO TEACHER EDUCATORS' PROFESSIONAL DEVELOPMENT? <i>F. Nasser-Abu Alhija, N. Dickman</i>	1726
MEETING THE CHALLENGE OF UNDERPREPARED STUDENTS IN MATHEMATICS FOR HEALTH SCIENCES M. Baron	1733
CURRICULUM, CLIMATE AND COMMUNITY: A MODEL FOR EXPERIENTIAL LEARNING IN HIGHER EDUCATION <i>K. Penny, E. Frankel, G. Mothersill</i>	1740
INTERNATIONAL DESIGN STUDIO: INNOVATIVE MULTIDISCIPLINARY PLATFORM FOR DEVELOPMENT OF GREEN TRANSFORMABLE BUILDING LAB AT THE UNIVERSITY OF TWENTE E. Durmisevic, B. Colakoglu, A. Pasic	1748
CULTURALLY RESPONSIVE TEACHING AND LEARNING STRATEGIES IN PHYSICS COURSES FOR PRE-HEALTH STUDENTS M. Baron	1757
INTEGRATING THE CLASSROOM AND THE LABORATORY IN THE TEACHING OF COMPUTER NETWORKS J.J. Reyes Guzmán, L.A. Gallardo Cruz	1758
THE INTERNATIONALIZATION OF HIGHER EDUCATION – LOCAL TENDENCIES AND REALITIES IN THE EDUCATION OF STUDENTS OF ENGINEERING AND NATURAL SCIENCES IN A MEXICAN UNIVERSITY – A CASE STUDY C. Dörfer, M.J. Araiza Vázquez	1766
THE HIST MOBILE LEARNING INITIATIVE J.B. Stav	1773
QUALITY ASSURANCE IN ERAMIS NETWORK: THE ASSESSMENT OF STUDENTS S. Luján-Mora, M. Milosz, J.M. Adam, A. Merceron, A. Toppinen	1777
AN OPINION SURVEY OF TEACHERS ON THE USE AND APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN HIGHER EDUCATION M.J. Araiza Vázquez, C. Dörfer	1787
THE USE OF A WEBLOG BASED ON EDUCATIONAL CONTENTS AS A SUPPORT FOR COMPETENCY ACQUISITION IN NURSING STUDIES D. Merino-Navarro, M.I. Mariscal-Crespo, R. Camacho-Bejarano	1797
LEARNING AND TEACHING WITH ICT IN SECONDARY SCHOOLS: THE PORTUGUESE CONTEXT <i>N. Alves, C. Rodrigues, P. Abrantes, P. Dias</i>	1802
IMPROVED ASSIGNMENTS MANAGEMENT IN MOODLE ENVIRONMENT K. Jelemenská, P. Čičák	1809
PROMOTING TOURISM THROUGH IT WITH 3D MODELING. CASE BANDERAS BAY M. Garnica, L.A. Rivero Lozada, L.C. Méndez Guevara, J.C. Ávila Hernández	1818
NEW STRATEGIES ORIENTED TO IMPROVE PROFESSIONAL SKILLS FOR INTERDISCIPLINARY STUDIES IN HIGHER EDUCATION J.V. Capella-Hernández, S. Rubio-Arraez, R. Ors-Carot	1819
TEACHING OF INDUSTRIAL DESIGN: THE DESIGN MANAGEMENT AND THE SYSTEMATIC DESIGN PROCESS DEVELOPMENT APPLIED TO A COLLABORATIVE WORK WITH COMPANIES J. Alarcon	1825
LIQUIFYING THE LECTURE HALL: INTEGRATING PERSONAL ELECTRONIC DEVICES D. Keyes	1832
BEHIND THE CHANGING MASKS A DIALOGUE BETWEEN A CANADIAN WOMAN OF INDIAN DESCENT TEACHING FRENCH AND A RUSSIAN MAN TEACHING JAPANESE IN CANADA A. Avdulov, R. Bannerjee	1841
INTEGRATION TECHNIQUES IN MATHEMATICAL APPLICATION PROJECTS FOR MECHANICAL ENGINEERING A.M. Tinnirello, M.B. Dádamo, E.A. Gago	1844
PROMOTING LEARNER AUTONOMY THROUGH GROUP PRESENTATIONS <i>C. Velica</i>	1851

THE IMPACT OF MEMBER INSTITUTIONS WEB PRESENTATIONS ON THE UNIVERSITY WEBOMETRICS RANKING M. Todorović, J. Protić	1860
ITERATIVE CURRICULUM DELIVERY REVISIONS TOWARDS BLENDED LEARNING – A LONGITUDINAL CASE STUDY D. Nielsen, A. White	1870
THEMATIZATION AND TRANSLATION IN ACADEMIC TEXTS: A CROSS-LINGUISTIC STUDY M. Khedri	1879
TEACHING TRANSLATION TECHNOLOGIES IN A COLLABORATIVE ENVIRONMENT I. Mihalache	1885
RE-DEFINING THE TRADITIONAL UNIVERSITY: CHANGE MANAGEMENT TO ALLOW FACE-TO-FACE, BLENDED AND ONLINE LEARNING EXPERIENCE IN THE SAME ACADEMIC PROGRAM	1886
Y. Espinosa Díaz, L. Lloréns Báez, C. Figueroa Rochín, J. Sepúlveda Rodríguez	1007
EDUCATIONAL REFORM IN BRAZIL: SOME CONDITIONS FOR ITS SUCCESS A. Villani, J. Pacca, J. Valadares	1896
PORTAL "CIBER-GENÉTICA" VIRTUAL ENVIRONMENT AND SUPPORT FOR THE IMPROVEMENT OF TEACHING AND LEARNING (PAPIME 207110) I. Reyes-Martínez, A. Castañeda-Sortibrán, L. León-Rangel, M.A. Mejía-Barrera, L. Pascual-Calaforra, C. Araneda-Tolosa, R. Rodríguez-Arnaiz	1906
INNOVATIVE APPROACH TO TEACHING ARCHITECTURE & DESIGN WITH THE UTILIZATION OF VIRTUAL SIMULATION TOOLS M. Dawson, R. Valdez	1913
EXPANDING THE EXPERIENCE OF INTERDISCIPLINARY TEACHING/LEARNING: DEVELOPING, DELIVERING AND ASSESSING A COMMUNITY-BASED LEARNING COURSE ON THE AGING POPULATION K. Carey, P. Gallagher	1919
TOO FEW TOO FAR: RESEARCH PRODUCTIVITY ASSESSMENT IN MALAYSIA BASED ON THE H-INDEX ANALYSIS R. Alfred, G.H. Tanakinjal, J.H. Obit	1925
THE CONTENTS AND MATERIALS FOR SKILLS IN THE TECHNOLOGICAL INSTITUTE OF TLALNEPANTLA <i>A. Navarrete Prieto, H. Díaz Rincón, G. López Molina, B. Reyes Guerra, G. Vargas Salcedo</i>	1935
VIRTUAL COMMUNITY A TOOL FOR COLLABORATIVE LEARNING K. Rodriguez Garzon	1941
2D TO 3D: THE INCLUSION OF 3D FILM PRODUCTION WITHIN A TRADITIONAL 2D SCREEN EDUCATION ENVIRONMENT L. Monsour	1947
UNDERSTANDING LEARNER ANXIETY IN FOREIGN LANGUAGE LEARNING: A QUALITATIVE STUDY OF JAPANESE UNIVERSITY LEARNERS OF ENGLISH K. Ohata, M. Christianson, C. Hale	1953
COMPETENCY MODEL OF THE BACHELOR ON A SPECIALTY «INFORMATION SYSTEMS» I. Utepbergenov, J. Kuandykova	1962
LABORATORY PROCEDURES IN MULTISUBJECTED ELECTIVE OBJECTS OF STUDY A. Andonova	1965
TRACEABILITY OF PROCEDURES IN QUALITY AND RELIABILITY IN ELECTRONICS SUBJECTS A. Andonova, S. Bobeva	1969
A COMPUTER TOOLS CLASSIFICATION BASED ON COLLABORATIVE ENGINEERING ENVIRONMENTS AND ITS VALUE ON EDUCATION G. Osorio-Gomez, R. Mejia-Gutierrez, D. Rios-Zapata	1973
CROSS-CULTURAL PROJECT-BASED LEARNING USING SOCIAL MEDIA: LESSONS LEARNED FROM THE FOUR-YEAR EXPERIENCE OF INTERNATIONAL JOINT CLASS BETWEEN HUNGARIAN AND JAPANESE STUDENTS K. Aoki, P. Molnar	1983
INFANT MUSICALITY FOR THE NEW GENERATION <i>P.M. Lee</i>	1989
PRE-SERVICE TEACHERS' INITIAL EXPERIENCES WITH THE FIRST-TIME DEVELOPED GREEK CYPRIOT DIALECT KEYBOARD N. Eteokleous-Grigoriou, S. Tsolakidis, N. Loizidou-Ieridou	1993

OF BYTES AND BRAIN ? INFORMATICS EDUCATION MEETS NEURODIDACTICS <i>B. Sabitzer, P. Antonitsch</i>	2003
ENHANCING THE TRANSFERENCE OF KNOWLEDGE OF TOPICS ABOUT ADVANCED DIGITAL COMMUNICATIONS TECHNIQUES USING A MULTIMEDIA INTERACTIVE SIMULATOR	2013
F. Canadas Quesada, P. Vera Candeas, N. Ruiz Reyes, J. Carabias Orti CYPRIOT DIALECT AND SPELLING: HOW DO PRIMARY SCHOOL GREEK-CYPRIOT CHILDREN SPELL STANDARD MODERN GREEK AND CYPRIOT DIALECT WORDS? N. Loizidou-Ieridou, S. Tsolakides	2023
COMPUTER SCIENCE EDUCATION MEETS FOREIGN LANGUAGES B. Sabitzer	2033
AN EXPERIENCE OF EXCHANGE PROJECT: ENTERPRISE MANAGERS AND UNIVERSITY TEACHING STAFF A.V. García Luengo, I. Oña Casado	2042
THE FUTURE ORPHAN WORKS DIRECTIVE: SOLUTION OR "SO-SOLUTION"? <i>R. Kerremans</i>	2051
K-9 PALS: PROVIDING AUTISM LEARNING SUPPORT K. Colucci, E. Doone, J. Farmer	2074
EVIDENCE FOR A MEMORY CONSOLIDATION PHASE IN A SELF-FEEDING ACTIVITY AMONG TODDLERS WITH DEVELOPMENTAL DELAYS S. Dorfberger, S. Golan	2081
A METHOD OF CURRICULUM PRESENTATION IN ELECTRONIC FORM THAT ENABLES JAVA PARSING AND THE CALCULATION OF ACCREDITATION PARAMETERS J. Protić, I. Mitrović	2082
IMPLEMENTING AND LEARNING ABOUT WEBQUESTS IN THE CONTEXT OF ENGLISH LANGUAGE TEACHER EDUCATION: THE EXPERIENCE AT A COLOMBIAN UNIVERSITY	2092
R.A. Mora, J.D. Martínez, L. Zapata-Monsalve, L. Alzate-Pérez, R. Gómez-Yepes THE CHALLENGES AND PROBLEMS OF DELIVERING DEAF STUDIES CURRICULA AT THIRD LEVEL IN IRELAND: OUR ACHIEVEMENTS AND SUCCESSES B. Nolan, L. Leeson	2102
THE CURRENT TRENDS IN HIGHER EDUCATION QUALITY ENHANCEMENT E. Muchová	2124
STUDENTS' PERSONAL CHARACTERISTICS AND COMPLETION OF POSTGRADUATE RESEARCH IN THE COLLEGE OF EDUCATION AND EXTERNAL STUDIES AT MAKERERE UNIVERSITY I. Bisirikirwa, P. Neema-Abooki	2130
WHAT STUDENTS THINK ABOUT PROBLEM-BASED LEARNING IN HIGHER EDUCATION J. Bilbao, C. Varela, O. García, M. Rodríguez, E. Bravo	2137
[AR]CHITECTURAL EDUCATION: AUGMENTED REALITY TOOLS IN AND OUT OF THE CLASSROOM	2143
V. Hui, D. Duldul, G. McCarthy, S. Ghantous TEACHING GRADE NINE STUDENTS TO CONDUCT ENVIRONMENTAL RESEARCH WITH INNOVATIVE TECHNOLOGIES: THE NATURE OF DISCOURSE IN CLASSROOM AND COMMUNITY CONTEXTS J. Ebenezer	2152
INTELLIGENT SYSTEM PREPARING STUDY PROGRAM FOR STUDENTS D. Mutlu Bayraktar	2160
M LEARNING FOR HIGHER AND CONTINUING EDUCATION K. Alsaadat	2167
THE EFFECT OF NEW TRENDS IN DEVELOPMENT OF PROFILES FOR WOOD DESIGN AND PLASTIC MASSES IN UNIVERSITY OF PRISHTINA <i>A. Bajraktari, E. Lato, B. Pira, B. Thaci, R. Sejdiu, S. Hoxha, K. Cukaj, M. Ymeri</i>	2171
ENGINEERING STUDENTS. DO WE NEED A PROGRAM TO GENERATE TECHNOLOGICAL SKILLS ACCORDING TO THE PERSPECTIVE OF GENDER STUDIES? N.P. Maldonado Reynoso	2176
VIRTUAL LEARNING ENVIRONMENT IN ENVIRONMENTAL ENGINEERING COURSES AT UNIVERSIDAD LIBRE BOGOTA G. Gonzalez, G. Camargo	2177

IMPLEMENTATION OF COURSES IN DISTANCE EDUCATION MODEL. TOWARDS VIRTUAL UNIVERSITIES OR KEEPING THE SYSTEM PRESENTIAL? N.P. Maldonado Reynoso, A.J. Rodriguez Aguirre	2183
ENTREPRENEURIAL ENGINEERING EXPERIENCES FOR BRIDGING THE GAP BETWEEN UNIVERSITY COLLEGE AND INDUSTRY I. Ilsbroux	2189
SELF-DIRECTED LEARNING FOR DRUG CALCULATION H.C. Chen	2196
WEB 2.0 TOOLS USABILITY-BASED VALUE PROPOSITION FOR THEIR INTEGRATION IN GRADUATE EDUCATIONAL ENVIRONMENTS J. Villa-Cisneros, M. De León-Sigg, S. Vazquez-Reyes, C. Castañeda-Ramírez	2201
ENGAGE: TEACHING PRE-DOCTORAL STUDENTS STATE OF THE ART DENTISTRY USING CAD/CAM TECHNOLOGY <i>J.J. Apltauer, K.T. Oen, A. De Bartolo, G. Sherwin, D. Estafan</i>	2209
RETAINING MINORITY STUDENTS IN STEM AREAS S. Austin, D. Skeete, L. Johnson	2212
DESCRIPTION OF THE LEARNING STYLES AMONG PSYCHOPEDAGOGY STUDENTS OF THE UNIVERSITY OF EXTREMADURA I. Cuadrado Gordillo, F.A. Monroy García, A. Montaño Sayago	2217
A COMPARATIVE STUDY OF SOCIAL NETWORKS IN EDUCATION J. A. Jiménez Asencio, A. Ruiz-Martínez	2225
M-LEARNING FOR TRAINING ENGLISH AT WORKPLACE M. Samaka, L. Ismail, N. Abdulla, N. Al-Kubaisi, J. Almutana, L. Eliyan, R. Younes	2235
TWELVE BEST PRACTICES FOR ONLINE TEACHING AND LEARNING A. Hilliard	2236
USE OF ENGINEERING SOFTWARES AND MODELING TECHNIQUES APPLIED TO THE MODELING OF FERRITES: EDUCATIONAL ASPECTS R.A. Salas Merino, J. Pleite Guerra	2241
RETURN ON EXPECTATIONS OF UNDERGRADUATE STUDENTS S. Haupt	2248
GEOTECHNICAL ENGINEERING EDUCATION AND THE REAL WORLD NEEDS B. Moussai	2249
CASE BASED DEBATES - AN INNOVATIVE TEACHING TOOL A. Chawla, H. Shah, K. Jhaveri	2252
USING TECHNOLOGY MEDIA CAN INCREASE STUDENT RETENTION AT THE UNIVERSITY A. Hilliard	2253
INTERNATIONAL STUDENT MOBILITY – CROATIAN EXPERIENCE WITH ERASMUS PROGRAM N. Mujić, M. Mikrut, J. Legčević	2256
PARTICIPATIVE COLLABORATION AS A TEACHING EXPERIENCE: HERITAGE AND RESPONSIBLE TOURISM J. Asencio Juncal, J.M. López Osorio, J.M. Mateos Delgado	2257
THE RELATIONSHIP BETWEEN MENTORING PROGRAMS, FAMILY INVOLVEMENT, AND STUDENT SOCIAL INTERACTION IN A SUBURBAN MIDDLE SCHOOL A. Hall	2263
ANALYSIS OF THE FUNCTION OF CONFLICTS IN VERBAL INTERACTIONS AND THE STRUCTURE OF SOCIAL POSITIONING IN A 9TH GRADE LITERATURE CLASS K. Graham	2282
LONELY GIRL: THE INFLUENCE OF SOCIAL MEDIA ON IDENTITY FORMATION FOR AN ISOLATED ADOLESCENT HOMESCHOOLER K. Graham	2293
ART, INFORMATION AND COPYRIGHT LAWS IN THE AGE OF DIGITAL REPRODUCTION B. Gatenby	2303
INNOVATING THE RURAL ECONOMIES WITH MOBILE INNOVATION <i>R. Motwani</i>	2306
TECHNOLOGY ADOPTION MODELS OF THE UNIVERSITY TEACHERS: TOWARDS BLENDED LEARNING CONTEXTS <i>M.J. Hernández-Serrano, A.V. Martin García, J.M. Muñoz Rodríguez</i>	2316
, , , , , , , , , , , , , , , , , , , ,	

PARTICIPATORY JOURNALISM AND INFORMAL LEARNING: TECHNOLOGICAL OPPORTUNITIES FOR THE COMMUNITIES EMPOWERMENT M.J. Hernández-Serrano, J.M. Muñoz Rodríguez, A.V. Martín García	2324
THE USE OF THE LATEST TECHNOLOGICAL APPLICATIONS IN THE EDUCATION OF STUDENTS WITH AUTISM SPECTRUM DISORDERS K. Dimitropoulou, P. Rekoutis	2331
BLENDING WEB- BASED COURSE TOOLS (WEBCT) FOR IMPROVING PROBLEM BASED LEARNING (PBL) OUTCOMES AT THE COLLEGE OF MEDICINE & MEDICAL SCIENCES (CMMS) IN THE ARABIAN GULF UNIVERSITY (AGU) A. Ismail, O.A. Mirghani Ali	2339
CLOSING THE ADAPTIVE LABS: FROM ISOLATION TO INTEGRATION P. King, N. Soto, K. Kirkland	2353
EXPLORING THE BALANCE BETWEEN AUTOMATION AND HUMAN INTERVENTION IN IMPROVING FINAL YEAR UNIVERSITY STUDENT NON-COMPLETION <i>A. Wheeler, M. King</i>	2358
AD HOC TEMPLATES DESIGNED TO SUPPORT LEARNING OF A POST-GRADUATE STATISTICAL SUBJECT P. García-Soidán	2364
USING PODCASTS TO BETTER QUALIFY THE TEACHING EVALUATION PROCESS IN VIRTUAL CLASSES L. Giraffa, E. Faria	2372
SOCIAL NETWORKING AS A MEANS FOR ENHANCING TECHNOLOGY COMPETENCIES OF TEACHER TRAINEES – CASE STUDY OF AN ICT BASED PEDAGOGY A. Nayar	2380
PR@CTICASTUTOR. TUTORIAL FOLLOW-UP OF THE STUDENTS INTERNSHIPS IN SOCIAL EDUCATION THROUGH ICT M.L. Cacheiro, B. Rey Rodríguez, M. Menéndez Banciella, M. Martín San Román, A. Rubio Navarro, A. Pinto, L. Lázaro Delgado, P. Cuesta Arancón, M. Cabezas Lefler	2387
DIGITAL FABRICATION IN THE AGE OF COLLABORATION V. Hui, C. Leu, S. Ghantous, D. Duldul, J. So, J. Ramelson	2391
ORGANIZATIONAL ISSUES IN PARENT'S ASSOCIATIONS J.F. Lukas, K. Santiago, E. Arrieta, L. Lizasoain, L. Joaristi	2401
COMPUTED-ASSISTED LEARNING IN MATHEMATICS J. Etxeberria, K. Santiago, J.F. Lukas	2409
THE REALIZATION OF DIGITAL BOOKS AS A TOOL FOR LEARNING A.E. Ena	2417
READING MOTIVATION AND READING STRATEGIES EMPLOYED BY UNDERGRADUATES IN A PUBLIC UNIVERSITY IN MALAYSIA Y. Awg Nik, F. Zakaria, A. Hamzah, H.R. Hasbollah	2421
WHEN DID MARKETING BECOME THE DRIVING FORCE IN HIGHER EDUCATION: HAVE WE LOST OUR WAY? C. Gibaldi	2428
EMPOWERING YOUNG PEOPLE WITH DISABILITIES TO ATTEND TO COLLEGE EDUCATION <i>C. Vilaplana Prieto</i>	2431
TEACHING STRATEGIES IN VIRTUAL LEARNING ENVIRONMENTS: A FORUM FOR DISCUSSION AND CASE STUDY <i>A. Rivoire Menelli de Oliveira, C. Netto</i>	2441
THE PROBLEMS AND ISSUES WITH ALL ADMINISTRATIVE UNIVERSITIES; HOW DID WE GET HERE AND WHAT CAN WE DO C. Gibaldi	2449
AN INTEGRATED APPROACH OF HEAT ENGINEERING TO CHEMICAL ENGINEERING GRADE STUDENTS J. García, M.D. Romero, E. Díez, J.M. Gómez	2453
NATURAL SCIENCE EDUCATION AT TECHNICAL UNIVERSITY E. Sklyarova, G. Erofeeva, I. Chernov	2457
SUPPORTING THE STUDENTS IN THE NEW FRAMEWORK FOR DOCTORAL EDUCATION IN SPAIN P. Reviriego, J.A. Maestro	2464

USING PERFORMANCE TO HIGHLIGHT REAL LIFE - A COLLABORATION BETWEEN A THEATRE AND HEALTH SERVICES TO DEVELOP CLINICAL SKILLS - AN AUSTRALIAN EXPERIENCE D. Harris, J. Chugg	2468
COOPERATIVE LEARNING AS AN EXPERIENCE OF EDUCATIONAL CHANGE <i>P. Caballero, E. López, A. Bueno, E. Marina</i>	2474
DEVELOPMENT OF JAPANESE KANJI WRITING SYSTEM "HITSUGAKU" T. Matsumoto	2482
THE DEGREE IN CHEMISTRY IN THE SCIENCE AND TECHNOLOGY FACULTY OD THE UNIVERSITY OF THE BASQUE COUNTRY (UPV/EHU) J.L. Mesa, E. Serrano-Larrea	2488
AN EXPERIENCE OF SPAIN-BRAZIL COLLABORATION IN DESIGNING AND DEVELOPING A NEW POSTGRADUATE PROGRAM IN ENVIRONMENTAL IMPACT ASSESSMENT N. Laguarda-Miró, F. Werner-Ferreira, E. García-Breijo, S. Fernandes, L. Gil-Sánchez, L. Uhde, J.	2489
Ibáñez-Civera, C. Olguín-Pinatti INTERNET USE AND EDUCATION LEVEL WITHIN ARAB-PALESTINIAN SOCIETY IN	2495
ISRAEL A. Ganayem	
IMPROVEMENT OF JOB DESIGN FOR LIBRARY ASSISTANTS W.M.A. Wan Taib, M.S.Y. Yahya, M.S. Che Rusuli, R. Tasmin, N. Hashim	2507
CRAFTING INNOVATIVE ENTERPRISES R. Nicol	2515
USING ONLINE COLLABORATION PLATFORM TO CONDUCT REATTRIBUTION TRAINING FOR WRITING TEACHING AND LEARNING: AN ACTION RESEARCH FOR UNDERGRADUATE STUDENT NURSES IN TAIWAN H.C. Tai	2523
RELATING WATER AND ENERGY BY EXPERIMENTING WITH URBAN WATER CYCLE, DESALINATION OF SEA WATER AND ARCHIMEDES' LAW A. Barbot, B. Lopes, A. Soares	2534
INEVITABLE INCREASE IN PRODUCTIVITY BY FURTHER EDUCATION IN THE TOOL AND DIE INDUSTRY G. Schuh, K. Kuhlmann, H. Ziskoven, M. Pitsch	2545
UNIVERSITIES AND THEIR COMMITMENT TO SUSTAINABLE DEVELOPMENT A. Batllori Guerrero	2555
SUSTAINABLE OUTCOME BASED ASSESSMENT OF ENGINEERING PROGRAMS AT SULTAN QABOOS UNIVERSITY A. Al Harthy	2563
THE EFFECTS OF GAME-BASED LEARNING APPROACH ON HIGH SCHOOL STUDENTS' CONCEPTUAL UNDERSTANDINGS AND STRATEGIC PROBLEM SOLVING ABILITY IN LEARNING NANOTECHNOLOGY S. Chanunan	2571
DEPLOYMENT OF M-LEARNING TECHNOLOGIES: CASE OF BOTSWANA COLLEGE OF DISTANCE AND OPEN LEARNING (BOCODOL) IN BOTSWANA J. Khengere	2576
THE EAR TRAINING LIKE REAL COMPREHENSIVE MANNER OF THE STUDENTS OF SECONDARY EDUCATION A.M. Botella Nicolás, J.V. Gimeno Romero	2584
STUDY ABOUT THE PROBLEM OF DROPPING OF SUBJECTS BY STUDENTS DURING AN ACADEMIC YEAR AT THE UNIVERSITY C. Gascueña, R. Guadalupe	2588
UNDERSTANDING THE FAMILY EXPERIENCE IN ORDER TO ELIMINATE BARRIERS TO EDUCATION S. Sakalli Gumus, M.O. Tuncer	2598
BEST MARKS ARE OBTAINED BY STUDENTS WHO ATTEND CLASS AND DO THE OPTIONAL ACTIVITIES? V. Mangas-Sanjuan, I. González-Alvarez, M. González-Alvarez, C. Navarro-Fontestad, V.G. Casabo, M. Bermejo	2599
EVALUATION OF THE STUDENTS' KNOWLEDGE ABOUT SPECIFIC SKILLS IN PHARMACOKINETICS <i>C. Navarro-Fontestad, I. González-Alvarez, M. González-Alvarez, V. Mangas-Sanjuan, M. Bermejo,</i> <i>V.G. Casabo</i>	2600

THE UAE PUBLIC OPINION TOWARDS WOMEN POLITICAL ENABLING: AN ANALYTICAL STUDY OF THE EXPERIENCE OF WOMEN'S MEMBERSHIP IN THE	2602
FEDERAL NATIONAL COUNCIL OF UAE A. Aldhaheri, A. Alnoaimi	
A. Aunaneri, A. Anoanni BENEFITS AND OBSTACLES OF E-PORTFOLIOS IN ELEMENTARY EDUCATION: DOCUMENTING THE STUDENTS' PERSPECTIVE I. Nicolaidou	2610
SCENARIO-BASED EVALUATION FOR USER TESTING OF MEDICAL EDUCATIONAL CONTENT-SHARING SOLUTIONS I. Nicolaidou, A. Antoniades, J. Mylläri, D. Giordano, E. Dafli, C. Schizas, P. Constantinos, M.	2619
Nikolaidou, D. Spachos, P. Bamidis	
TEACHERS FOR ONE DAY: EXPERIENCE FROM PRACTICE WITH LAW STUDENTS <i>R. Garciandia</i>	2627
INTERNET AND DIGITAL TECHNOLOGY – INFLUENCES ON AUDIOVISUAL COMMUNICATION AND ON TEACHING AT MASTER'S DEGREE LEVEL I. Stavre	2637
INNOVATIVE EVALUATION TECHNIQUE: PERSONALIZED MATHEMATICAL TESTS AT ENGINEERING DEGREES B. López, A. Rodríguez	2641
COMBING THEORY AND PRACTICE IN THE CLASSROOM: COUNSELOR EDUCATORS SHARE EXPERTISE AND EXPERIENCE G. Cicco	2651
ADAPTIVE SUPPORT IN PAPER-TOP INTERFACE SYSTEM FOR CLASSROOM EDUCATION H. Mitsuhara, T. Moriyama, Y. Yano	2658
PRELIMINARY EXPERIMENT OF THEATRICAL LEARNING SUPPORT USING DIRECTIONAL SPEAKERS IN LECTUTAINMENT H. Mitsuhara, T. Sadakuni, K. Moriya, J. Kagawa, K. Kanenishi, Y. Yano	2666
PERFECTING THE BLEND FOR EFFECTIVE AND ENGAGING ART AND DESIGN EDUCATION G. Wadhwa	2676
MOODLE WORKSHOP FOR STAFF OF COLLEGE OF AGRICULTURAL AND MARINE SCIENCES L. Al-Kharusi, A. Hall, R. Al-Yahyai	2683
THE USE OF ICT AS TOOLS OF SUPPORT FOR THE STUDENT IN THE CONTEXT OF THE EUROPEAN HIGHER EDUCATION AREA (EHEA) A. Vieira Rodriguez, M. Jimenez Garcia, L. Bares Lopez	2692
EFFECTIVE USE OF EPORTFOLIOS AS A MEASUREMENT OF THE LEARNING JOURNEY IN A GRADUATE EDUCATION STRUCTURED PHD PROGRAM, ED4LIFE S. O' Sullivan, H. McGlynn	2697
ENHANCING THE 1ST YEAR EXPERIENCE; USE OF A DIGITAL YEARBOOK AS A RECORD OF ACHIEVEMENTS S. O' Sullivan, H. McGlynn	2701
INTEGRATION OF THE RESEARCH PROCESSES WITH THE NEW STRUCTURE OF THE EUROPEAN HIGHER EDUCATION AREA J.A. Maestro, P. Reviriego	2705
COMPETENCY ASSESSMENT THROUGH PORTFOLIOS AT THE UNIVERSITAT ROVIRA I VIRGILI <i>M. Marquès-Banqué, M.S. Montserrat-Pera, T. Boira-Toro, A. Esquirol-Solé, T. Lutfi-Gilabert, N.</i>	2710
Farrús-Prat, J. Legarreta-Borao	
MULTIMEDIA METHODOLOGY FOR LEARNING IN PRACTICAL CLASSES IN THE EUROPEAN HIGHER EDUCATION AREA J.J. Quesada-Granados, C. Samaniego-Sánchez, R.M. Blanca-Herrera, J.J. Muros-Molina, H. Lopez Garcia de la Serrana, M. Villalon-Mir, M.D. Ruiz-Lopez	2720
THE IMPACT OF MOVIE DISCUSSION ON LEARNERS' ATTITUDE TOWARD LANGUAGE LEARNING Z. Habibi	2721
TO ADAPT OR TO DIE WHEN LEAVING THE UNIVERSITY: TO PROMOTE INNOVATION COMPETENCE MAY BE THE KEY M.J. Pérez-Peñalver, L.E. Aznar-Mas, F. Watts	2731
SCHOOL-RELATED STRESS BY INTELLECTUALLY GIFTED ADOLESCENT P. Holesovska	2737

REORGANIZATION OF STRUCTURES' TEACHING IN CIVIL ENGINEERING DEGREES INSIDE THE EUROPEAN HIGHER EDUCATION AREA F.J. Baeza, D. Bru, S. Ivorra, E. Segovia	2742
TEACHING AS A PROFESSION M. González-Alvarez, I. González-Alvarez, V. Mangas-Sanjuan, C. Navarro-Fontestad, V.G. Casabo, M. Bermejo	2749
CONTENT AND LANGUAGE INTEGRATED LEARNING: ASSESSMENT OF ACQUIRING ENGLISH SCIENTIFIC LITERACY OF ENGINEERING GRADUATES E. Krylov	2751
RECRUITMENT AND RETENTION - THE ROLE OF THE INTERVIEW L. Barber, W. Bowen-Jones, N. Breeze	2759
TRANSFERENCE OF TECHNOLOGY BY SPECIALIZED FORMATION ON MACHINE TOOLS AND MANUFACTURING PROCESSES <i>G. Urbicain, A. Calleja, A. Fernández, L.N. López de Lacalle</i>	2760
NAVIGATING THE FUTURE DIRECTION OF TECHNOLOGY IN NURSING EDUCATION: A PEDAGOGICAL REFORM C. Brunoro	2767
A MIXED METHOD APPROACH TO EVALUATING READING SKILLS DEVELOPED BY COGNITIVE AND METACOGNITIVE PEDAGOGIC INTERVENTION A. Jiménez-Blanco, V. Jiménez-Rodríguez, J.M. Alvarado-Izquierdo, A. Puente-Ferreras	2775
USE OF I-CLICKERS IN THE CLASSROOM: STUDENT SATISFACTION SURVEY <i>M. Governo, L. DeSena, J. Fazio, A. Dowling-Castronovo, A. Eshleman</i>	2781
LEVELS OF PERFORMANCE IN FOOD SCIENCE AND TECHNOLOGY BACHELOR FRESHMEN DEPENDING ON PREVIOUS SECONDARY STUDIES AND OPTION CHOSEN IN SELECTIVITY M. Mor-Mur, R. Delgado	2784
REVEALING CONNECTIONS THROUGH REFLECTIVE RESEARCH: ANALYZING PARTICIPANTS' EMOTIONAL GROWTH AND APPLYING THEIR KNOWLEDGE THROUGH TEACHING A. Hewitt, K. Jenkins	2790
CHARTING THE TERRITORY; DOCUMENTING THE INTERFACE OF COMPUTER TECHNOLOGY WITHIN NURSING EDUCATION AND INTER-PROFESSIONAL PRACTICE SIMULATIONS: A PHENOMENOLOGICAL INTERPRETIVE APPROACH C. Brunoro	2798
WHERE ARE THE HIGH-TECH WOMEN? FINDINGS FROM AN EDUCATIONAL STUDY OF A VIRTUAL WORLD S. Aurilio	2807
SOME POSSIBILITIES OF USING MOBILE DEVICES IN LEARNING D. Sapargaliyev	2817
LEARNING BY DOING: USING THE FILMMAKING PROCESS AS AN EDUCATIONAL TOOL J. Steiner Dodoo	2825
VIRTUAL CLASSROOM FOR YOUNG PEOPLE WITH RISK BEHAVIOURS S. Gergely Seuss, L. Csaky, P. Molnár	2836
STAIRS IN RELATION TO HUMAN SCALE N. Ghassemieh	2842
THE ROLE OF AZADI SQUARE (FREEDOM SQUARE) AS A PUBLIC URBAN FORM TO AFFECT SOCIAL INTERACTION IN TEHRAN, IRAN N. Ghassemieh	2844
SERVICE DESIGN: UNDERSTANDING SCENARIOS, ANALYSIS AND POSSIBILITIES OF INSERTION J. Pires de Avelar, R. Luiz Gomes, E. José Carpintero Rezende, H. Polisseni Cordeiro	2847
UP-TO-DATE TEACHING REQUIRES UP-TO-DATE TESTING: A SURVEY ON ONLINE TESTING <i>G. Frankl, S. Bitter</i>	2857
SOLVING A COMMUNITY PROBLEM (RESIDENTIAL SMALL SPACES) THROUGH INTERIOR DESIGN STUDENTS RESEARCHES – AN INSTRUCTOR EXPERIENCE G. Elsayed Ali Elsamanoudy	2865
SPECIALIZATION IN TEACHING THE LIGHTING DESIGN COURSES BETWEEN THE INTERIOR DESIGN PROGRAM AND THE ARCHITECTURAL ENGINEERING PROGRAM N. Sami AbdelAziz	2875

EFFECT OF MULTIMEDIA ACTIVITIES IN BLENDED LEARNING ON LISTENING SKILLS AND SATISFACTION IN A COLLEGE ENGLISH LANGUAGE COURSE	2884
M. Al-Otaibi, A. Nouby, A. Hamdy, A. Alagb TEACHERS' EMOTIONAL INTELLIGENCE DEVELOPMENT MANAGEMENT – NECESSITY OF THE NEW AGE	2894
J. Arsenijevic, M. Andevski, M. Maljkovic COMPUTER IN MEDIA-DIDACTIC DISCOURSE M. Andevski, J. Arsenijevic, M. Maljkovic	2904
TEACHING COMMUNICATION AND THE REAL SOCIAL PROJECT: COACHING AND MENTORING METHODS AS EDUCATIONAL INNOVATION <i>P. Núñez, L. Hänninen, T. Bueno</i>	2914
THE INTEGRATION OF E-LEARNING AT SCHOOL: THE PERSPECTIVE OF PRE- SERVICE TEACHERS OF REGION OF SHKODER, ALBANIA M. Allegra, E. Prenjasi, A. Haxhi	2923
FOOD TECHNOLOGY EDUCATIONAL VIDEO RESOURCE IMPLEMENTATION S. Benito, F. Palomero, F. Calderon, M.J. Callejo, M.C. González, D. Palmero	2930
LEARNING COMMUNITY: A TOOL TO ENHANCE ACADEMIC AND SOCIAL INTEGRATION <i>R.P. Fontana, A. Manuti, G. Tanucci</i>	2934
WEBQUEST RESOURCE IN REFRIGERATION TECHNOLOGY S. Benito, F. Palomero, F. Calderon, M.J. Callejo, M.C. González, D. Palmero	2935
METHODOLOGY TO IDENTIFY IMPORTANT MATTERS OF CONTEMPORARY GEOPOLITICS	2939
J.G. de la Vega, M.J. Rivero Villar, T.L. de la Torre Hidalgo	
LEGAL AND PEDAGOGICAL ASPECTS OF CHILDHOOD AND ADOLESCENCE AND THE MATTER OF EDUCATION IN THE HISTORY OF BRAZIL: A CONTRIBUTION REGARDING THE ROLE OF LAWS TOWARD INCLUSIVE EDUCATION R. de Oliveira Brito, A. Nogueira	2946
CONSUMER SOCIETY, COMMODIFICATION OF CHILDHOOD AND CURRENT CHALLENGES FOR EDUCATION R. de Oliveira Brito, A. Nogueira	2954
ENGINEERING OR RESEARCH: GENDER ANALYSIS IN AGRICULTURAL ENGINEERING STUDIES F. Manzano-Agugliaro, A. Ramírez Jiménez	2960
A GENDER APPROACH TO THE SELF-EMPLOYMENT INTENTION: A CASE STUDY OF THE UNIVERSITY UNDERGRADUATE STUDENTS J.M. Giner, V. Climent	2967
MODERN MECHANISMS IN EDUCATION (E-LEARNING) W. Aloudah	2976
ACCOUNTING FOR SUSTAINABILITY: THE DILEMMA OF POLYTECHNIC INSTITUTIONS R. Abreu, F. David	2978
FACTORS UNDERMINING THE QUALITY OF BUSINESS EDUCATION RESEARCH IN NIGERIA TERTIARY INSTITUTIONS T. Umoru	2986
IMPORTANCE OF THE ACCOUNTING CURRICULUM DESIGN TO MEET THE PROFESSIONAL SKILLS AND COMPETENCES F. David, R. Abreu	2993
HOW THE IDIOT CONQUERED THE INTERNET - MIDDLE EUROPE EXAMPLE F. Nalaskowski	3001
DEVELOPING XXI CENTURY LEARNING ABILITIES THROUGH ROBOTICS, A PROVEN SYSTEM A. Lamadrid Alvarez, A. Pastrana Palma, L.R. Valencia Perez, J.M. Peña Aguilar	3002
MANAGEMENT OF CRITICAL INCIDENTS IN DISTANCE EDUCATION <i>M. Fuentes Agustí, M. Romero Velasco</i>	3007
BOOM OF ERASMUS DEMAND: THE CASE OF THE FACULTY OF ECONOMICS AND BUSINESS AT THE UNIVERSITY OF MURCIA J.F. Martín-Ugedo, A. Mínguez-Vera, J. Sánchez-Vidal	3015
LEARNING FOREIGN LANGUAGES ON THE INTERNET WORKING EXAMPLE "TRAINING PROGRAM GERMAN LANGUAGE" R. Saxer, G. Frankl	3021

COLLABORATIVE VIRTUAL ENVIRONMENTS: PARTICIPATIVE EDUCATION J.E. Piñero Estrada, R. Buendia, M.T. del Val, F. Berrocal Berrocal	3031
SILVIA'S JOURNEY: SCIENCE AND METACOGNITION IN PRIMARY EDUCATION C. Llopis Pablos, V. Jiménez-Rodríguez	3032
UNDERSTANDING ALGEBRAIC WORD PROBLEMS IN EARLY AGES: A CASE STUDY EXPLORING 3RD GRADERS' THINKING IN SAUDI ARABIA A. Albalawi	3039
USING VINTAGE POP CULTURE IN THE ESL CLASSROOM S. Roney, J. Allan	3054
BRAIN PLASTICITY AS COMPENSATORY ELEMENT IN EDUCATIONAL DEPRIVED CONTEXTS: GENERATION OF NEW PATTERNS OF LEARNING BASED ON THE SPECIFICITY OF THE STUDENTS AND THE CONTEXT J.F. García Pérez, M.D. Moreno García, M.J. Perea Villena	3061
DESIGN, DEVELOPMENT AND IMPLEMENTATION OF AN ENGLISH ACADEMIC WRITING COURSE: A CASE STUDY K. Yambay	3068
THE ROLE OF THE INTERNET AND SOCIAL MEDIA IN SOCIAL MOVEMENTS I. Wanca	3078
RECENT TRENDS IN ENGLISH TEACHING: THE CASE OF THE FACULTY OF ECONOMICS AND BUSINESS AT THE UNIVERSITY OF MURCIA J.F. Martín-Ugedo, A. Mínguez-Vera, J. Sánchez-Vidal	3088
PERCEPTION ON SHARIAH GOVERNANCE EDUCATION – EMPIRICAL EVIDENCE FROM MALAYSIA J. Ramachandran, R. Subramanian	3093
COMPUTER-BASED SIMULATION IN SOCIAL WORK TRAINING: A DEVELOPMENT PROJECT CONCERNING CHILD PROTECTION SERVICES <i>G. Egonsdotter, K. Borell</i>	3100
METACOGNITIVE KNOWLEDGE AND CHINESE EFL LISTENING PERFORMANCE C. Goh, Y. Zeng	3106
SUCCESSFUL JOB ENTRY INTO THE LABOUR MARKET FOR SENIOR GRADUATES: VARIABLES RELATED TO EMPLOYABILITY WITHIN THE ECONOMIC CRISIS M.I. Beas Collado, J.R. Burriel Calvet	3107
DUAL USE OF MACHINES FOR FORMATION AND RESEARCH, THE CASE OF MACHINE TOOLS A. Rodríguez, I. Tabernero, S. Martínez, A. Lamikiz	3116
IMPROVING SKILLS ACQUISITION IN CULINARY TECHNOLOGY J.A. Rufián-Henares, C. Samaniego-Sánchez, J.J. Quesada-Granados, S. Pastoriza	3123
EXAMINATION OF STUDENTS' INVOLVEMENT WITH SCIENTIFIC ARGUMENTATION <i>H. Hakyolu, F. Ogan-Bekiroglu</i>	3124
MLEARNING IN SCHOOL. LEARNING STICKS AS LEARNING TOOLS Y. Romanyuk, C. Finger, T. Sommer, P. Raemy, H. Grunder	3135
ASSESSING MULTIMEDIA DELIVERY ON CREATIVE UNDERSTANDING AND MOTIVATION TO LEARN ENGLISH LITERATURE AT KING SAUD UNIVERSITY R.A. Al Anazi, A. Ismail, H. Abdulaziz	3136
THE INFLUENCE OF ASSESSMENT METHOD ON STUDENT'S SCORES IN THREE COURSES OF BIOLOGY: SHORT ANSWER EXAM AND MULTIPLE-CHOICE QUESTIONS M. García, J.M. Sempere, F. Marco, L. De la Sen, Y. Segovia	3144
M. Gurtu, J.M. Sempere, F. Murto, E. De la Sen, T. Segobia MARKING AND MEASURING TECHNOLOGICAL FOOTPRINTS IN EDUCATION IN SOUTH AFRICA F. Modiba, D. Kok	3151
VISUAL DESIGN FOR NON-DESIGNERS A PARTICIPATORY EXPERIENCE BASED ON WEB 2.0 TOOLS IN A MULTIDISCIPLINARY MASTER DEGREE PROGRAMME L. Bollini	3157
IMPLEMENTATION OF MICROCOMPUTER BASED LABORATORY IN PHYSICS CLASS: STUDENTS' PERCEPTIONS F. Caner, F. Ogan-Bekiroglu	3163
INCLUSION OF SOCIAL NETWORKS AND MOBILE DEVICES AS EDUCATIONAL RESOURCES IN HIGHER EDUCATION N. Camuñas, C. Llopis Pablos, E. López, M.H. López, D. Pascual, M. Alcaide	3167

BROADBAND ACCESS STATE IN SLOVAK REPUBLIC N. Krivonakova, J. Fabus, I. Kremenova	3175
NEW MODELS OF ASSESSMENT: THE EPORTFOLIO C.M. Vizoso, I. Marañón, E. López	3180
INSIDE A SCIENCE MUSEUM: GIVING LIFE TO A NINETEENTH CENTURY PANEL A.P. Cláudio, J. Alves	3186
EDUBLOG AND WEBQUEST PLATFORM DESIGN CONNECTED TO SOCIAL NETWORKING SERVICES AS A TOOL TO TEACH FUNDAMENTALS OF CHEMISTRY TO NON-CHEMISTS AT MULTIDISCIPLINARY UNIVERSITY MASTER'S DEGREE LEVEL M. Maguregui, S. Fdez-Ortiz de Vallejuelo, K. Castro, A. De Diego, M.A. Olazabal, J.M. Madariaga	3192
EDUCATIONAL WEB TOOL FOR THE ANALYSIS OF STAND-ALONE PHOTOVOLTAIC SYSTEMS	3200
M. Torres, F.J. Muñoz, J.V. Muñoz, G. Nofuentes, J. Aguilera CUSTOMIZING DISTRIBUTIONS BASED ON LINUX. A NEW SOFTWARE TOOL TO SIMULATE AND DESIGN INTEGRATED CIRCUITS J.V. Muñoz, G. Nofuentes, B. García-Domingo, M. Torres	3209
RESEARCH & RESOLVE PROJECT (R&R): AN EXAMPLE OF AN INNOVATIVE CURRICULUM DESIGN TO PROMOTE PROFESSIONAL COMPETENCES IN PRE- SERVICE TEACHERS	3215
H. Garcia Rodicio, A. Gomez, E. Briones, R. Palomera, A. Fernandez Fuertes, E. Gomez, J. Labra, A. Hernandez	
ANSWERS TO QUESTIONS ARE NOT WRITTEN AT THE END OF THE BOOK – NON- TECHNICAL CONTENT OF ENGINEERING EDUCATION N. Dubreta	3219
ENTREPRENEURSHIP EDUCATION. AN INNOVATIVE TEACHING APPROACH F. Galan	3230
EDUCATION, CULTURAL DISCOURSES & NEW TECHNOLOGIES IN GULF STATES M. El Amrousi, M. Odeh, R. Elhag	3239
DESIGNING CLICKER QUESTIONS THAT ENCOURAGE ACTIVE LEARNING IN A TECHNOLOGY ENHANCED PRACTICAL LAB SETTING A. Sen	3246
APPLYING CREATIVE PROJECT MANANGEMENT – A STUDY OF ICT PROJECTS IN HUMANITIES FACULTY IN SOUTH AFRICA <i>P. Makhoalibe, K. Sewchurran</i>	3256
THE REFORMS OF HIGH-EDUCATION AND THE TECHNOLOGICAL DEVELOPMENT. EXAMPLE: POLAND <i>T. Stepien</i>	3274
COMPETENCES AND INNOVATIONS LABS: HUMANITIES IN ENGINEERS' HIGH- EDUCATION <i>T. Stepien</i>	3282
READING AND MEANING: TEACHING NARRATION AND INTERPRETATION IN A MULTILINGUAL CONTEXT. AN INTERUNIVERSITY PROJECT D. Owen, C. Font, L. Gimeno, C. Pividori	3292
ACADEMIC MOTIVATION, SELF-EFFICACY AND BILINGUAL READING PERFORMANCE: A SINGAPORE PERSPECTIVE L.J. Zhang, Y. Zeng	3298
GENDER COMPARISON - THE UNIVERSITY STUDENTS' EXAM RESULTS IN THE ENVIRONMENTAL AND ENERGY AREA A. Pitkänen, R. Raiko, L. Korpinen	3299
ICT ROLE IN QUALITY ASSURANCE OF HIGHER EDUCATION D. Gavararaju, P. Appalla, S. Nanduri	3309
FRAMEWORK FOR EVALUATION OF EDUCATIONAL QUALITY IN VIRTUAL LEARNING ENVIRONMENTS USING SOFTWARE ENGINEERING ONTOLOGIES L. Robinson, C.E. Clunie	3318
A DIDACTIC EXPERIENCE IN DIGITAL STORYTELLING WITH TRANSLATION STUDENTS R. Leon Pinilla	3325
CELLULAR POLLING TECHNOLOGY IN LARGE CLASSES L. Fulton	3331

TECHNOLOGY INSIDE: ENGLISH AS A SECOND LANGUAGE AND COMPUTER ASSISTED INSTRUCTION IN CORRECTIONAL EDUCATION <i>P. Erickson, N. Gray, C. Towns</i>	3335
PROPOSAL TO ADAPT COMPUTER PROGRAMS ASSESSMENT'S PROCESSES AND COMPUTATIONAL LINGUISTICS' TOOLS TO SUPPORT EVALUATION OF DOCUMENTS WRITTEN IN NATURAL LANGUAGE AS A RESULT OF LEARNING TASKS Z. Hernández-Figueroa, J.C. Rodríguez-del-Pino, M.D. Afonso-Suárez	3344
LINKS BETWEEN RESEARCH AND EDUCATION IN LANGUAGE AND LITERATURE PROJECTS S. Lipóczi	3350
ADDRESSING THE CHALLENGES OF ASSESSMENT AND FEEDBACK IN HIGHER EDUCATION: A COLLABORATIVE EFFORT ACROSS THREE UK UNIVERSITIES D.M. Whitelock, L.H. Gilbert, S. Hatzipanagos, S. Watt, P. Zhang, P. Gillary, A. Recio	3354
LITERATURE FOR CHILDREN AND YOUNG ADULTS AFTER THE POLITICAL CHANGE IN EUROPE IN 1989 S. Lipóczi	3360
GRAPHICAL APPLICATION FOR THE TEACHING OF THE FLOW AROUND AN AIRFOIL IN ENGINEERING DEGREES J.C. Cano-Lozano, J.I. Jiménez-González, M. Miró-Barnés, F.A. Berlanga-Cañete, C. Gutiérrez-Montes, R. Bolaños-Jiménez, P. Luque-Escamilla, C. Martínez-Bazán	3363
PROPOSAL OF A NEW APPROACH FOR FINANCIAL SUBJECTS IN HIGHER EDUCATION E. Salvador, V. Aragó	3373
CONNECTING THE FUTURE CITIZENS: THE USE OF MOBILE PHONES FROM PRIMARY SCHOOL STUDENTS IN GREECE N. Panagiotou	3381
THE COLLEGE STUDENTS` PERCEPTIONS OF HOMEWORK LOAD, COMPETENCES ACQUISITION AND, DIVERSE TEACHING-LEARNING METHODOLOGIES J. Vera, E. Briones	3387
THE UTILIZATION OF NEW TECHNOLOGIES TO ENHANCE THE GRADUATE STUDENTS' PERFORMANCE: WIKIPGRAD N. Rodríguez-Priego, L. Porcu	3395
NEEDS AND KNOWLEDGE REQUIRED BY PROFESSORS OF HIGHER EDUCATION IN THE APPLICATION OF ICT IN TEACHING: A SURVEY M.J. Araiza Vázquez, C. Dörfer, A. Kutugata	3403
SEXUAL HEALTH: ONGOING PROFESSIONAL EDUCATION FOR THE PSYCHOTHERAPIST B. Hughes	3413
EARLY SCHOOL EXPERIENCES OF SEXUAL EDUCATION B. Hughes	3414
MOTIVATION IN LEARNING ACCOUNTING C. Queiro Ameijeiras, M. Arce Gisbert, E. Alegre Lizandra	3415
HIGHER EDUCATION INSTITUTIONS (HEIS) AND INTEGRATED MARKETING COMMUNICATIONS (IMC): AN ODD COUPLE? L. Porcu, S. del Barrio-García, N. Rodríguez-Priego, E. Crespo-Almendros	3421
EVALUATION OF THE BENEFITS AND CHALLENGES OF OPEN EDUCATIONAL RESOURCE CREATION AND REUSE <i>R. Windle, H. Wharrad, H. Laverty</i>	3429
PROMOTING ENTREPRENEURSHIP IN THE SECONDARY EDUCATIONAL LEVEL: THE PROJECT "LEARN TO ENTREPRENEUR" <i>M.J. Amoros, M.C. Ibáñez, J.M. Giner</i>	3430
SMS ADDICTION AMONG ADU STUDENTS M. Alzyoud, N. Qafisheh	3437
RECREATIONAL CHEMISTRY AND 2.0 TOOLS AS A WAY TO COMMUNICATE SCIENCE AND, SPECIFICALLY, CHEMISTRY. BRIDGE BETWEEN UNIVERSITY AND HIGH SCHOOLS J.A. Vieta, S. Simon, J. Duran, M. Güell, M. Duran, L. Guillaumes	3438
BEYOND THE PRINTED WORD: THE USE OF INTERACTIVE PDF FORMATS TO SUPPORT ACCESSIBLE LEARNING H. Wharrad, R. Windle, V.H. Hvidsten, K. Johannessen, A. Løkken, K. Tillerli	3446

ADAPTATION, SUBVERSION AND AGGREGATION. A DAY IN THE LIFE OF AN OER <i>M. Taylor, R. Windle, H. Wharrad</i>	3447
QUANTITATIVE EVALUATION OF EDUCATIONAL WEBSITES I. Ribeiro	3448
I AM PIECE L. Lara	3466
DEVELOPMENT OF WIRED AND PROGRAMMED AUTOMATISMS, A SUBJECT INTEGRATED IN THE MASTER OF AUTOMATION AND REMOTE CONTROL FOR MANAGEMENT IN IRRIGATION SYSTEMS, AN INTERUNIVERSITARY EXPERIENCE IN E-LEARNING A. Ruiz-Canales, M.D. Fernández Rodríguez, J.M. Molina-Martínez	3469
LABOUR AND INVESTMENT OBSTACLES IN EGYPT S. Abdel-Mowla	3477
USE OF SOCIAL MEDIA AMONG FEMALE STUDENTS IN THE GULF REGION: AN EMPIRICAL STUDY A. Al Ghamdi, S. Dasgupta	3487
VARIABLES AFFECTING LEARNERS' COGNITIVE AND PRAGMATIC STRATEGIES WHEN READING HYPERTEXT. RESULTS FROM THE CIBERTAAAL PROJECT C. Girón-García, V. Gaspar	3494
SEVENTI: NEW APPROACH FOR TEACHING SENIORS BASIC SKILLS THROUGH SOCIAL MEDIA C. Meiler-Rodríguez, D. Freire-Obregón, E. Rubio-Royo	3503
SECOND LANGUAGE ACQUISITION WITH ICTS. STUDENTS' MOST EFFECTIVE LEARNING STYLES AND READING MODES IN GERMAN, FRENCH AND ENGLISH V. Gaspar, C. Girón-García	3511
INTERDISCIPLINARY CURRICULUM IN INVESTMENT MANAGEMENT IN TELECOMMUNICATIONS - PERFORMANCE-CENTERED APPROACH N. Kafadarova, S. Stoyanova-Petrova, N. Mileva	3512
GREEK HIGH SCHOOL STUDENTS' ATTITUDES TOWARDS THE SUBJECT OF TECHNOLOGY <i>M. Kampouropulos, I. Athanasiadis, E. Stefos</i>	3518
THE TEACHING PORTFOLIO CONTRIBUTION TOWARDS A NEW CURRICULA IMPLEMENTATION AT UNIVERSIDAD NACIONAL AUTÓNOMA DE NICARAGUA <i>M. Fuentes Agustí, I. Benavides Gutierrez, M.E. Suárez Ojeda, A. Galán Mañas</i>	3524
THE PRESENT AND FUTURE OF M-LEARNING IN SUDANESE UNIVERSITIES H. Elteyab, A. Ismail, O.A. Hegazi	3528
THE HEURISTIC PROGRAMMING: JAVA VIRTUAL BOOK PROJECT <i>P. Arieta, E. Sarabia, E. López</i>	3529
WEB2.0 SUPPORTED LEARNING SCENARIOS FOR COLLABORATIVE LEARNING IN PUBLIC HEALTH EDUCATION T. Kretschmer	3534
CHALLENGES OF E-LEARNING IN DEVELOPING COUNTRIES: THE UGANDAN EXPERIENCE J. Oroma, H. Wanga, N. Fredrick	3535
PROCESS OF DEVELOPING SKILLS AS A PROCESS OF UPBRINGING P. Petrykowski	3544
EDUCATIONAL NOTES ABOUT FORMATION OF CULTURAL IDENTITY P. Petrykowski	3550
JUST IN TIME LEARNING PILLS AT WORK ENVIRONMENT J.E. Piñero Estrada, J. Pereda Granados, F. Berrocal Berrocal, M.A. Alonso García	3555
WHAT DO YOU WANT TO HAPPEN? A NEW DEVELOPMENT TECHNIQUE M.A. Alonso García, A.M. Calles Doñate, F. Berrocal Berrocal, J.E. Piñero Estrada	3556
COMMUNICATIVE TEACHING: METHODS AND PRACTICES IN TEACHING ENGLISH AT LOWER SECONDARY STUDENTS V. Banciu	3557
THE TEACHING ACTIVITIES OF TUTORS IN E-LEARNING: REFLECTIONS ON THE FORMATION OF PROFESSIONAL HABITUS E. dos Reis Soeira	3564

LEVERAGING APPRENTICESHIPS TO SUPPORT THE LEARNING AND CAREER GROWTH OF VULNERABLE CHILDREN IN KABUL, AFGHANISTAN: LESSONS FROM THE AFGHAN SECURE FUTURES PROJECT B. Fowler, J. Denomy	3571
EFFICACY OF TRAINING AND DEVELOPMENT TECHNIQUES ON THE ENHANCEMENT OF GENERIC SKILLS IN UNIVERSITY STUDENTS <i>C. Sánchez Ávila, M.A. Alonso García, F. Berrocal Berrocal</i>	3578
EVALUATION OF THE EFFECTIVENESS OF INNOVATING PEDAGOGICAL TOOLS IN PROJECTS FOR EDUCATIVE INNOVATION <i>D. Palací, J. Palací, M.I. López</i>	3579
CREATION OF NEW TEACHING MATERIAL WITH CAMTASIA STUDIO: FACE TO FACE, BLENDED AND ONLINE TEACHING <i>L. Ruiz-Peñalver, J.M. Molina-Martínez, D.G. Fernández-Pacheco, M. Jiménez Buendía, I. Guzmán-</i> <i>Raja, A. Ruiz-Canales</i>	3586
NEW TOOLS IN TEACHING EDUCATIONAL INNOVATION PROJECTS: DESCRIPTIVE ANALYSIS OF RESULTS J. Palací, D. Palací, M.I. López	3595
ESTIMATING THE WORKLOAD OF A STUDENT ADAPTED TO THE EHEA IN THE "CONSTRUCTION OF NON-STRUCTURAL ELEMENTS" TECHNICAL ARCHITECTURE SUBJECT	3601
R.T. Mora García, M.F. Céspedes López, L. Rodríguez Valenzuela, A. Jiménez Delgado	
VIRTUAL LEARNING ENVIRONMENT IN THE "CONSTRUCTION OF NON- STRUCTURAL ELEMENTS" TECHNICAL ARCHITECTURE SUBJECT R.T. Mora García, M.F. Céspedes López, L. Rodríguez Valenzuela, A. Jiménez Delgado	3613
WHAT'S ON THEIR MINDS? SEMANTIC NETWORKS IN PSYCHOLOGY TRAINING FOLLOW-UP A. Quiroga, A. Moreno	3622
PARENTAL PARTICIPATION IN ADOLESCENTS' EDUCATIONAL AND CAREER EXPERIENCES AND PLANNING: A STUDY WITH PORTUGUESE PARENTS A. Araújo, M.C. Taveira, A.I. Mota, I. Oliveira, J.C. Pinto, I. Viamonte, L. Faria	3631
EDUCATING THE ENERGY ENGINEERS OF TOMORROW – CHALLENGES OF INTERNATIONALISATION AND KNOWLEDGE INTERCHANGE M. Petrov, M. Salomon Popa, T. Fransson	3638
UNIVERSITY COLLEGES CAN HELP SMALLER LAND SURVEYING COMPANIES IN INTRODUCING NEW DATA ACQUISITION TECHNIQUES G. Deruyter, B. Van Genechten, S. De Clerck, L. Christiaen	3646
LOOKING FOR THE IDEAL COMBINATION DISTANCE – RESOLUTION WITH REGARD TO THE DESIRED LEVEL OF DETAIL IN LASER SCANNING <i>G. Deruyter, S. De Clerck</i>	3652
FACTORS OF INFLUENCING CHOICE OF INSTITUTION GRADUATE EDUCATION <i>M.T. Dora</i>	3653
APPLYING PRINCIPLES OF ADULT LEARNING IN A HIGHER EDUCATION SETTING: REFLECTIONS ON MY EXPERIENCE WITH THE ANDRAGOGY THEORY AND PRACTICE K. Salvador	3666
MENTORING AND PEDAGOGICAL MEDIATION IN E-LEARNING E. dos Reis Soeira	3674
LEARNING AS AN AVATAR: DESIGNING IMMERSIVE LEARNING SPACES AND FACILITATING 3D LEARNING EXPERIENCES <i>P. Hartwick, N. Savaskan Nowlan</i>	3679
THE EXPERIENCE SHARING OF HOSTING DIGITAL AUDIO CERTIFICATION AND TRAINING EDUCATION SYSTEM IN TAIWAN C.C. Huang, D.B. Luh, S.F. Kung	3689
SOCIAL MEDIA FOR SOCIAL GOOD G. Wadhwa	3694
A SHARED AGENDA FOR CAREER EDUCATION AND CITIZENSHIP EDUCATION IN PORTUGUESE SCHOOLS A. Araújo, M.C. Taveira, A.D. Silva, A.I. Mota, C. Marques, I. Oliveira	3698
THREE-DIMENSIONAL CUBE TO IMPLEMENT STRATEGIES THAT FACILITATE INNOVATION IN TECHNOLOGY MANAGEMENT PROJECTS J.M. Peña Aguilar, P.J. Huerta, H. Torres Torres, L.R. Valencia Perez, A. Pastrana Palma, A. Lamadrid Alvarez	3704

GLOBALIZATION AND EDUCATION IN CANADA: BUILDING UPON A STRONG ECONOMY AND SASKATCHEWAN'S RESPONSE TO THIS FAST-GROWING MARKET A.L. Ta	3711
WEBQUEST AS A DIDACTIC TOOL IN PHYSICAL CHEMISTRY S. Simon, M. Solà, E. Besalú, J.M. Luís, P. Salvador, S. Vyboishchikov, L. Blancafort, M. Duran	3717
PROJECTS WITH A PRACTICAL PURPOSE: CREATING SUCCESSFUL TEAM PROJECTS IN A VIRTUAL ENVIRONMENT B. Pittman	3724
ENHANCED TEST PREPARATION THROUGH MENTAL IMMERSION T. Fowler, W. Laird	3728
RESEARCHERS' NIGHT 2011: CHEMIST EVERYWHERE A WALK IN MARIE CURIE LIVE S. Simon, P.A. Vieta, L. Guillaumes, J. Duran, I. Aznar	3733
MY SEMESTER WITH ATLAS: PILOTING THE ADVANCED TEACHING, LEARNING, AND SCHOLARSHIP NETWORK WITH FIRST YEAR WRITERS IN GLOBAL LIBERAL STUDIES AT NEW YORK UNIVERSITY S. Horng	3739
ANALYZING GROUP BEHAVIOR PROCESSES IN THE WXYZ GROUP IN AN ORGANIZATIONAL BEHAVIOR MBA CLASS: A CASE STUDY A. Oulanov, V. Thomas, L. Knizhnik, K. Madden, Y. Novitskaya	3744
THE STORY WORKSHOP METHOD OF TEACHING WRITING AND READING, INTEGRATING WRITING, READING, SPEAKING, LISTENING, THINKING, GROUP GAMES, VERBAL-WRITTEN AND VISUALIZATION INCORPORATING THE THREE MAJOR WAYS OF LEARNING/TECHNOLOGICAL PROBLEM-SOLVING J. Schultz, B. Shiflett	3750
INTEGRATING CAREER EDUCATION IN THE PROCESS OF EDUCATION G. Pudule	3755
HOW EMOTIONS CAN TRIGGER MOTIVATION AND LEARNERS' ACADEMIC DEVELOPMENT: A CASE STUDY AT THE UNIVERSITY OF QUINTANA ROO, MEXICO M. Méndez López, M. Negrete Cetina, A. Peña Aguilar	3767
DIDACTIC PROPOSAL FOR SELF-ASSESSMENT IN COURSES ON TELEMATICS IN HIGHER EDUCATION WITH THE USE OF TIC'S AND DISTANCE LEARNING A. Zaldívar, R. Estrada, R. Mendoza, L. Nava, J. Llamas, C. Aguilar	3774
ONLINE HOMEWORK IN ELEMENTARY GEOMETRY CLASS. WHAT CHANGES DID IT BRING? E. Klimova	3782
SINGAPOREAN TRAINEE TEACHERS' ATTITUDES, PERCEPTIONS, AND KNOWLEDGE REGARDING ADHD PUPILS C. Chew	3786
USING ADDIE MODEL IN DEVELOPING COMPUTER SIMULATION PROGRAM TO ACQUIRE COMPUTER MAINTENANCE SKILLS AND FORMATIVE EVALUATION N. Albuainain, H. Abdulaziz, A. Nouby, M. Alajab	3787
COMMUNICATION AND INFORMATION TECHNOLOGIES IN THE LEARNING AND TEACHING PROCESS OF HIGH SCHOOL STUDENTS AT UNAM A. Rosas Salazar, L. Aguilar Pascual, M. Mejía Ramos	3799
SHOULD WE STILL LECTURE? RECONSIDERING PEDAGOGICAL APPROACHES TO PROMOTE STUDENT ENGAGEMENT, CHALLENGING THE TRADITIONAL LECTURE R. Evans, A. Matthew	3803
4C'S - PRACTISING TOGETHER CHANGES EDUCATIONAL PRACTICE B. Planche	3813
CHALLENGES OF TEACHING AND LEARNING COMPUTER PROGRAMMING IN A DEVELOPING COUNTRY: LESSONS FROM TANZANIA J. Oroma, H. Wanga, F. Ngumbuke	3820
DESIGNING MOBILE TABLET PRODUCTS FOR DIVERSE K-12 LEARNING ENVIRONMENTS R. Palmer	3827
A BENEFITS ANALYSIS REGARDING THE USE OF PRERECORDED PRESENTATION SOFTWARE FOR LEARNERS: A CASE STUDY IMPLEMENTED IN AN EFL CLASSROOM L. Von Joo	3832
THE AFFORDANCES OF MOBILE TECHNOLOGIES IN DEVELOPING COLLABORATIVE READING COMPREHENSION STRATEGIES THROUGH METACOGNITIVE INSTRUCTION N.S. Sen	3840

DEVELOPMENT OF PROFESSIONAL COMPETENCIES FOR SCHOOL LEADERSHIP THROUGH ONLINE TRAINING <i>P. Silva, S. Antúnez, J.J. González</i>	3841
EVALUATION OF THE VETERINARY STUDENTS (UNIVERSITY OF MURCIA) ICTS EQUIPMENT AND ICTS TRAINING J. Madrid, F. Hernández, M. Romero, A.F. Pelegrín	3858
EVALUATING THE EASE-OF-USE OF A VLE FOR FIRST-YEAR VETERINARY STUDENTS (UNIVERSITY OF MURCIA) J. Madrid, F. Hernández, M. Romero, A.F. Pelegrín	3863
IDIOM ON THE MOVE: MOBILE AN UBIQUITOUS TECHNOLOGY FOR LEARNING IDIOMS H.R. Kargozari, D. Tafazoli	3866
PODCASTING: A SUPPORTING TOOL FOR LISTENING H.R. Kargozari, D. Tafazoli	3870
EVALUATION OF STUDENTS' ATTITUDES TOWARDS ONLINE AND BLENDED LEARNING S. Cicevic, S. Samcovic, M. Nesic	3874
FLEXIBLE LEARNING APPROACH IN SECONDARY TECHNICAL EDUCATION <i>M. Čarapina, P. Jandrić, M. Božurić</i>	3885
ANALYZING ACCESS TO HIGHER EDUCATION IN IRAN R. Maniee	3894
COMPUTER LABORATORY FOR THE STUDY OF PROPAGATION PHENOMENA IN INFORMATION TRANSMISSION SYSTEMS USING MOBILE DEVICES P. Chamorro-Posada	3900
RESHAPING PROFESSIONAL LEARNING AND DEVELOPMENT FOR LEADERS AND EDUCATORS: THE VPLD ONE YEAR ON H. Owen	3906
USING C-MAP TOOLS TO DEVELOP HIGHER ORDER THINKING SKILLS IN UNDERGRADUATE SCIENCE COMMUNICATION STUDENTS R. Hanewald	3917
A SYSTEMS LEVEL FOCUS ON THE EFFICACY OF CLASSROOM SOUND FIELD AMPLIFICATION ON THE LANGUAGE DEVELOPMENT OF CHILDREN IN SEVEN URBAN DEIS PRIMARY SCHOOLS IN DUBLIN S. Kazmierczak-Murray	3924
UNDERSTANDING CAREER PLANNING AND JOB SEARCH BEHAVIORS AMONG UNDERGRADUATE STUDENTS: AN EMPIRICAL EXAMINATION OF TWO CAREER THEORIES IN JAPAN AND KOREA N. Takeuchi	3934
TEACHING STAFF ASSESSMENT: AN UNRESOLVED MATTER F. Gonzalez-Diaz, M.I. Sanchez-Mora, C. Sanchez-Trigueros, A. Rubio-Bañon, M.B. Fernandez- Collados, S. Martínez-Abeledo	3945
THE USE OF CASE STUDY RESEARCH METHODOLOGY AND DESIGN AS RESEARCH TOOL <i>G. Onatu</i>	3946
OPENLIVES LEARNING INSIGHTS FROM THE VOICES OF SPANISH ÉMIGRÉS A. Pozo-Gutiérrez, I. Nelson, A. Martinez-Arboleda, M. Arrebola	3954
TOWARDS A HUMAN-CENTERED PARAMETRICISM: A STUDENT EXPERIMENT TO REDEFINE THE HUMAN BEING IN IT DRIVEN ARCHITECTURE M. Voyatzaki	3961
EFFECT OF METALINGUISTIC AWARENESS ON READING IN THE FIRST LANGUAGE, SECOND LANGUAGE AND THIRD LANGUAGE OF UNIVERSITY STUDENTS <i>S. Eleuch</i>	3967
AN EVOLUTION TOWARDS CYBERGENRES: RESULTS FROM THE CIBERTAAAL PROJECT C. Girón-García	3972
TEACHING MUSIC'S FUNDAMENTALS VIA MOTION PICTURE SOUNDTRACKS: A NEW PEDAGOGICAL APPROACH R. Osmun	3983
SOILLESS AGRICULTURE FOR STEM EDUCATION T. Eatmon	4000

PARTICIPATION AS A PREREQUISITE TO BEST PRACTICE IN THE MANAGEMENT OF UNIVERSITIES: PERSPECTIVES OF TOTAL QUALITY MANAGEMENT P. Neema-Abooki	4001
ARABIC SPEECH PRONUNCIATION RECOGNITION AND CORRECTION USING AUTOMATIC SPEECH RECOGNIZER (ASR) <i>H. Dahan, A. Mannan</i>	4009
READING MOTIVATION OF SECOND LANGUAGE LEARNERS M.N. Faizah, I. Nurliyana, Z. Zaidah, M.S. Zanariah	4017
IN & OUT AUTOBIOGRAPHY AS AN INSTRUMENT FOR RE-PLANNING IN CONSEQUENCE OF AN IMPRISONMENT EXPERIENCE G. Hurkmans, E. Gillijns	4024
TEACHING QUALITY IMPROVEMENT: INTERDISCIPLINARY RELATIONSHIPS M.A. Martínez, I. Ares, E. Ramos, A. Romero, V. Castellano, M. Martínez	4036
IMPLEMENTATION OF STUDENT SELF-ASSESSMENT AMONG SECONDARY SCHOOL TEACHERS IN THE TEACHING OF THE SUBJECT OF ISLAMIC REVEALED KNOWLEDGE IN BRUNEI DARUSSALAM N. Pg Haji Muhammad, R. Haji Abdul Rahman	4038
SELF ASSESSMENT OF STUDENTS USING MOBILE DEVICES - ENCOURAGING STUDENT-CENTERED LEARNING R.K. Sungkur, K. Beeharry	4046
THE EDUCATION OF THE REFUGEE PUPILS IN THE CZECH REPUBLIC: THE TEACHER´S PERSPECTIVE M. Vodičková	4052
ADVANCES OF THE TOP EDUCATION IN PUEBLA CITY: TOWARDS AN EDUCATIONAL CITY C. Rivera Hernández	4053
STUDENTS' EXPERIENCES OF A CONTINUOUS ASSESSMENT APPROACH AT A HIGHER EDUCATION INSTITUTION M. Combrinck, M. Hatch	4054
ACHIEVING PERSONALIZED LEARNING IN THE MOODLE PLATFORM M. Santally, R.K. Sungkur	4061
A DIFFERENT APPROACH TO COMPETENCE EVALUATION FOR CONSERVATORY ENTRANCE EXAMS IN TURKEY O. E. Tunca	4068
USING VIRTUAL REALITY IN TEACHING "FURNITURE DESIGN PROJECTS" O. Kassim	4072
TEACHING GUIDE AS AN ESSENTIAL TOOL FOR QUALITY TEACHING-LEARNING PROCESS <i>M.A. Martínez, M. Martínez, E. Ramos, A. Romero, V. Castellano, I. Ares</i>	4080
ISSUES OF ASSESSMENT WHEN TEACHING THROUGH PROBLEM SOLVING	4081
P. Bidgood EVERYDAY THRESHOLD CONCEPTS: IMPLICATIONS FOR SUSTAINABLE AGRICULTURE EDUCATION IN THE VIETNAM'S MEKONG DELTA Q.H. Nguyen	4089
INNOVATION AND TECHNOLOGY: THE CONTEXT OF DIGITAL INCLUSION IN DEVELOPING COUNTRIES AND THE SUCCESS GOT THROUGH THE WEBAULA CARD M. Resende Vieira	4101
N. Resence Viena SOCIAL CAPITAL: DETERMINING A STUDENT'S E-PORTFOLIO NET WORTH C. Stevens, M. Dunlop	4106
C. Stevens, M. Duntop WHAT BRINGS A MULTIMEDIA GUIDE IN THE NATURE? THREE CASES OF STUDY: CONCEPTS AND POSSIBILITIES OF DEVELOPMENT D. Casado-Neira	4115
IS IT POSSIBLE TO BRING MULTIMEDIA DIGITAL LIFE INTO ETHNOLOGICAL MUSEUMS? DEMANDS, LIMITS AND FEARS OF MUSEUMS' WORKERS D. Casado-Neira, F. Braña Rey	4124
PROBLEM-BASED LEARNING AND 21ST CENTURY SKILLS: CASE ILLUSTRATIONS O. Tan	4133
DIGITAL SCIENTIFIC INFORMATION IN ESTONIAN UNIVERSITY LIBRARIES – STATE FINANCING, EXPENDITURE AND USAGE K.R. Kont, S. Jantson	4139

THE KOREAN WAVE: THE USE OF ICT IN EDUCATION H. Alghadeer	4147
APPLYING THE TASK-BASED APPROACH TO TEACHING LANGUAGE IN ENGLISH AS A FOREIGN LANGUAGE CLASSES S. Meiramova	4154
STUDY OF THE RELATION OF THE VIRTUAL EDUCATION STUDENTS' INTERACTIONS, SELF-DIRECT LEARNING READINESS AND COGNITIVE AND META-COGNITIVE STRATEGIES WITH THEIR ACADEMIC SATISFACTION N. Saeed	4165
HIGHER EDUCATION SUPPLY IN MEXICO AND ITS RELATION WITH THE LABOR MARKET R. Salazar Amador, F. Pacheco García, G. Rosano Ortega	4175
TEACHING CHEMISTRY WITH EXAMPLES : THE 3D VISUALIZATION OF MOLECULAR NANOVEHICLES C. Rius-Alonso, Y. Gonzalez-Quezada	4179
THE STRUGGLE FOR THE MEANING OF SUSTAINABILITY: INFORMATION, EDUCATION AND ENVIRONMENT J.I. Lorente, A. Panera, P. Doblas, M. Ispizua	4186
STAGES OF DISSENSION. RESEARCH AND EDUCATION IN PERFORMING ARTS J.I. Lorente, R. De Diego, A. Panera	4197
A CURRICULUM MODEL FOR POSTGRADUATE INFORMATION TECHNOLOGY PROGRAM THREADS Y. Atif, K. Shuaib, H. Harmain, Z. Trabelsi	4207
AN ONLINE LANGUAGE LEARNING TASK: LEARNING STYLES AND READING MODES C. Girón-García	4214
DISTANCE GRADUATION DEGREE IN BIOLOGICAL SCIENCES AT UNIVERSITY OF BRASILIA, BRAZIL: AN INNOVATION, A CHALLENGE, THE FUTURE A. Ribeiro	4218
GAME-ORIENTED STIMULATING E-LEARNING A. Montanaro, K. Kenji, T. Takao	4221
DEVELOPING REFLECTIVE PRACTICE SKILLS IN 4TH YEAR UNDERGRADUATE AUDIOLOGY STUDENTS, THROUGH CREATIVE MEDIUMS: A PILOT FOR AUDIOLOGY EDUCATION S. Fidler	4229
EXPLORING THE POTENTIAL OF ON-LINE TUTORING IN A MIDDLE-EASTERN UNIVERSITY WRITING CENTER <i>M. Eleftheriou, N. Sadasivam, F. Ahmed</i>	4231
EXPERIENCE WITH THE PORTFOLIO IN THE SOIL SCIENCE LEARNING PROCESS J. Perez-Arias, J. Santano, C. Dieguez, J. Almorox, M. Benito, K. Hontoria, I. Mariscal, A. Masaguer, A. Moliner	4238
LEARNING ACTIVITIES ASSOCIATED TO "CLIMATOLOGY" BASED ON A NEWLY INSTALLED WEATHER STATION <i>A. Moliner, J. Almorox, M. Benito, K. Hontoria, I. Mariscal, A. Masaguer, J. Santano, J. Perez-Arias, C.</i> <i>Dieguez</i>	4246
THE VALUES UNDERLING TEACHER`S AND EMPLOYER`S EXPECTATIONS M. Chomczynska-Rubacha, K. Rubacha	4255
EFFECT OF TEACHING CRITICAL READING SKILLS ON THE STUDENTS READING COMPREHENSION A. Rahimi	4256
INCORPORATING ICTS TO ENHANCE OUR EFL LEARNERS' COMPETENCIES : A LAB- BASED PERSPECTIVE IN ALGERIAN HIGHER EDUCATION A Belmekki	4261
KEY BARRIERS TO ICT UPTAKE IN FOREIGN LANGUAGE TEACHING IN VIETNAM: A CASE STUDY X.T. Dang, H. Nicholas, R. Lewis	4266
ENHANCING COLLECTIVE TEACHING QUALITY WITH DISCUSSION FORUMS AT DEPARTMENTAL LEVEL N. Chan, I. Benzie	4275
COMPUTER GAMES, SELF-ESTEEM AND SCIENCE INTERESTS AMONG INTERMEDIATE STUDENTS IN BAHRAIN SCHOOLS I. Saleh, M. Khine	4279

DESIGN OF AN INNOVATIVE LEARNING EXPERIENCE FOR THE FINAL PROJECT OF THE BUILDING ENGINEERING DEGREE <i>I. Cortes, M.V. Montes, R. Quiñones, M.T. Sastre, S. Llorens, M. Cámara, J.F. Jiménez, R. Martínez</i>	4280
UNPOPULARITY OF TECHNICAL AND VOCATIONAL EDUCATION AMONG NIGERIAN YOUTHS: THE BANE OF NATIONAL QUEST FOR RAPID ECONOMIC DEVELOPMENT Z. Njoku	4291
IMPLEMENTATION OF ACTIVITIES WITH TRANSVERSAL CHARACTER FOR THE SUBJECT BIOLOGY WITHIN THE DEGREE IN MEDICINE V. Arbona, R.M. Pérez-Clemente, M.F. López-Climent, A. Gómez-Cadenas	4301
DESIGN OF A FORMATION PROGRAM FOR PH STUDENTS BASED ON THE DUBLIN- DESCRIPTORS: IMPLEMENTATION AND EVALUATION UNDER THE EFQM- INSPIRED SPIRIT OF EXCELLENCE AND INNOVATION B. Bazán Blau, G. Barandika Argoitia, M.K. Urtiaga Greaves, M.I. Arriortua Marcaida	4305
ONLINE LEARNING: RHETORIC AND REALITY T. Owens	4311
E-PORTFOLIO: A METACOGNITIVE ACTIVITY TO DEVELOP PERSONAL AND PROFESSIONAL LIFE PLANS FOR STUDENTS S. Rubín, M. Rümler	4319
BLENDED LEARNING IN INDUSTRIAL DESIGN. EDUCATIONAL EXPERIENCES BASED IN THE COMBINATION OF SEMINARS, FACE-TO-FACE CLASSROOM METHODS AND E-LEARNING ACTIVITIES F. Felip Miralles, M.L. García Martínez, S. Martín Martín	4328
A CONTRIBUTION TO DEVELOP MEDIA EDUCATION IN PORTUGAL - THE PROJECT 'MEDIA EDUCATION IN CASTELO BRANCO REGION' H. Menezes	4336
TAO AND ZEN - AND ALL THAT JAZZ: TEACHING AS IMPROVISATION <i>J. Hanagan</i>	4342
IMPACT OF THE NEW MUSIC PROGRAM BY THE PUBLIC EDUCATION SECRETARY IN MEXICO M. Vargas, C. Vergara, E. Zaragoza	4350
A COGNITIVE LEARNING MODEL OF CLINICAL NURSING REASONING J. Goudreau, L. Boyer, K. Dumont	4355
ENGAGING GRADUATE STUDENTS IN RICH ASYNCHRONOUS ONLINE DISCUSSIONS K. Wuttikietpaiboon	4356
3D TECHNOLOGY IN DENTISTRY AND DENTAL EDUCATION P. Zhivago, F. Vahidi	4366
PEDAGOGIC MULTICULTURALISM IN PIANO PEDAGOGY FROM A KOREAN PERSPECTIVE J. Cho	4367
VIRTUALIZATION AND AUTOMATION OF THE LEARNING-TEACHING PROCESS IN OPTICAL COMMUNICATIONS SUBJECTS BY MEANS OF TELEMATICS TOOLS N. Merayo, J.C. Aguado, J.R. Durán, P. Fernández, I. de Miguel Jiménez, A. Bahillo, J. Blas, R.M. Lorenzo, E.J. Abril	4368
DEVELOPING OF ICT COMPETENCE OF LANGUAGE TEACHERS THROUGH AN ONLINE PROFESSIONAL DEVELOPMENT COURSE IN MOODLE: STRATEGIES AND CHALLENGES S. Titova	4378
SUPPORTING THE LMD SYSTEM THROUGH TUTORING: THE "CAN DO" CULTURE IN THE ALGERIAN CONTEXT N. Abdellatif-Mami	4386
CLOUD COMPUTING UNDER HERMES PLATFORM FOR THE PROMOTION AND DIFFUSION OF SCIENTIFIC RESEARCH ACTIVITIES IN THE EDUCATIONAL ENVIRONMENT J.A. Juanes Méndez, B. García Riaza, L. Juanes Velasco, S. Olmos Migueláñez, J.J. Gómez Borrallo, M.J. Rodríguez-Conde	4392
ICT FOR ENHANCING EFL SPEAKING PROFICIENCY , AN LMD SYSTEM CHALLENGE : THE CASE OF 1ST YEAR LMD STUDENTS R. Guerza	4404

COMPUTER ASSISTED SIMULATION AS A FORMATIVE STRATEGY FOR EDUCATIONAL INNOVATION J.A. Juanes Méndez, A. Cabrero Hernández, L. Juanes Velasco, B. García Riaza, S. Olmos Migueláñez,	4411
M.J. Rodríguez-Conde FUN LEARNING: RESHAPING PRIMARY CURRICULUM ELEMENTS THROUGH STORY-TELLING CARTOONS	4418
M. Santally, Y.B. Rajabalee WEB-BASED LEARNING IN UNDERGRADUATE DENTAL EDUCATION: BITE-WING X- RAYS IN PEDIATRIC PATIENTS	4426
M. Maroto Edo, E. Barbería Leache, C. Martin, M.V. Mateos Moreno, L. Cuesta Zuccarelli, A. Hernández Guevara, C. Cardoso Silva	
MANAGING QUALITY AND QUALITY ASSURANCE IN THE LMD ERA: THE ALGERIAN CASE N. Abdellatif-Mami	4432
COMPUTER-SUPPORTED-COLLABORATIVE LEARNING, DOES TUTOR SUPPORT AFFECT INDIVIDUAL KNOWLEDGE CONSTRUCTION? <i>C. Garcia Tamarit</i>	4440
PRE-TESTING AND EARLY INTERVENTION IN INTRODUCTORY GENERAL PHYSICS I	4450
D. Stokes, R. Forrest, C.D. Voight	
USING PROBLEM-BASED LEARNING IN A STUDIO ENVIRONMENT TO FOSTER INTERDISCIPLINARY COLLABORATION M. Herrmann	4460
"AS IT HAPPENS": THE ADDED VALUE OF SYNCHRONOUS WEB 2.0 COMMUNICATION TOOLS IN SECOND LANGUAGE AND CULTURE COURSES S. Friedman	4465
DIGITAL WRITING IN THE LITERACY CURRICULUM: AN ENGAGING TOOL? <i>M. Vasquez Colina, Y. Bhagwanji, C. Harrison</i>	4473
TWITTER AS A TEACHING TECHNIQUE? A. Pele	4481
EDUCATION AS A FUNDAMENTAL RIGHT IN THE UNITED STATES J. Benson	4486
DESIGN TOOLS AS MEANS TO IMPROVE MALAYSIAN STUDENTS' CONCEPTUAL UNDERSTANDING OF CONTENT-SPECIFIC LEARNING N.J. Ahmad, Y. Che Lah	4487
VISUAL THINKING: OBSERVATIONS OF FILM EDUCATION AND ITS IMPLICATIONS FOR GLOBAL LITERACY A. David	4498
AN EFFECTIVENESS STUDY ON INCORPORATING GAGNE'S NINE EVENTS IN COMPUTER PROGRAMMING EASY-TO-READ TEXT AT CENTRE FOR FOUNDATION STUDIES, INTERNATIONAL ISLAMIC UNIVERSITY OF MALAYSIA N.H. Bakar, M.N. Idris, N.A. Hassan	4507
EDUCATIONAL LEADERS SUPPORT SOLAR ENERGY CURRICULUM IN SCHOOLS AND COLLEGES A. Hilliard	4517
UNIVERSITY LEADERSHIP SUPPORT IS NEEDED FOR BLENDED LEARNING PROGRAMS A. Hilliard	4522
A LITERATURE REVIEW OF THE FAMILIAL AND SOCIAL INFLUENCES ON ACADEMIC ACHIEVEMENT G. Pangiras, V. Kumarasuriar, S. Koran	4527
INFLUENCE OF DEMOGRAPHIC FACTORS ON STRESS SYMPTOMS MANIFESTED BY TEACHERS OF PUBLIC SECONDARY SCHOOLS IN CAMEROON <i>R.F.E. Check, F.A. Okwo</i>	4536
THE ART OF TAILORING IN UNIVERSITY WORKS: ACADEMIC PLAGIARISM THE CASE OF PRIMARY EDUCATION DEGREE STUDIES IN THE UNIVERSITY OF CADIZ <i>R. Vázquez</i>	4541
HOW FLEXIBLE CAN WE BE? MANAGING DIVERSITY IN A DEPARTMENT OF SOCIAL WORK C. Van Kerckhove	4547

DO SOCIAL MEDIA TOOLS REALLY PROMOTE AND ENHANCE STUDENT COMMUNICATION AND CONNECTEDNESS IN ONLINE COURSES? W. Nembhard, S. Lopez, M. Nash	4554
SAFETY AND PRESERVATION DESIGN OF UNESCO SITE. THE CASE OF MY SON (VIETNAM) F. Maroldi, M. Hauner	4561
SOLAR ADSORPTION REFRIGERATION USING METHANOL/ACTIVATED CHARCOAL	4571
C. Rius-Alonso, L. Olivares de Lachica, E. Cardenas-Anaya, M. Marin-Becerril, J. Poblado-Barrales, X. Rebollo-Arana, Y. Gonzalez-Quezada	
EVALUATING THE COMMUNICATION SKILLS FOR TEACHERS OF BUSINESS SUBJECTS IN SECONDARY EDUCATION IN KINGDOM OF BAHRAIN A. Abouzeid	4579
COLLABORATIVE CONCEPT MAPPING VIA MULTIMODAL ICT TOOLS D. Gkotzos, G. Potamias	4594
QUALITY WATER SUPPLY IN NIGERIA'S RURAL PRIMARY SCHOOLS: FACTORS TO DETERMINE ITS SUSTENANCE FOR EFFECTIVE SCHOOL ADMINISTRATION <i>C. Ihebereme</i>	4601
THE BOLOGNA DECLARATION PROCESS IN TRAINING SPECIALISTS OF A NEW TYPE IN RUSSIAN HIGHER PEDAGOGY SYSTEM G. Obydennova, O. Shabanov	4606
THE TRAINING FOR NEW TEACHERS IN HIGHER EDUCACION: AN EXPERIENCE IN MENTORING C.C. Garcia-Vázquez	4610
IMPROVING THE TEACHING/LEARNING PROCESS IN ECONOMIC THEORY THROUGH THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE EUROPEAN HIGHER EDUCATION DEGREES M.D. Leon Rodriguez, L. Bares Lopez, A.M. Fernandez Perez, E. Ferrandiz Leon, M.E. Flores Varo	4617
NEW EXPERIENCES IN COMPETENCE EVALUATION	4622
T. Shabanova, V. Bakhtiiarova HOW READY ARE OUR ENGINEERING STUDENTS TO E-LEARNING J.M. Eguzkitza Arrizabalaga, I. Lecubarri Alonso	4627
IMPACT OF EDUCATION ON THE DEVELOPMENT OF NEW SOCIAL STANDARDS AND VALUES IN RUSSIA A. Gayazov	4631
MATHEMATICAL TECHNOLOGY TRANSFER: WHAT DOES SPANISH RESEARCH OFFER? G. Viglialoro	4635
INDIVIDUAL ROUTE IN COMPETENCE ACQUISITION AS A NEW CHALLENGE FOR HIGHER EDUCATION A. Araslanova, E. Nurtdinov	4641
CRITICAL FACETS OF ADMINISTRATIVE SUPPORT FOR ONLINE TEACHING F. Cornelius, P.T. Clements, K. Holt	4645
REDESIGN VERSUS REPLICATION: A CONTEMPORARY DILEMMA FOR ONLINE LEARNING <i>P.T. Clements, K. Holt, F. Cornelius</i>	4650
APPRECIATIVE TEACHING OF PHILOSOPHY AS A FORM OF APPLIED PHILOSOPHY <i>A. Sandu, S. Ponea</i>	4655
E-BOOKS AND THE HYBRID APPROACH TO FOREIGN LANGUAGE LEARNING J. Lago-Graña	4665
WHERE IS THE CONTEMPORARY UNIVERSITY LIBRARY? K. Holt, P.T. Clements, G.M. Childs	4666
E-LEARNING EXPERIENCE IN THE LABORATORY OF PHYSICS J.A. Molina Bolívar	4672
THE EFFECTIVENESS OF COLLECTIVE GROUP BLOGS AS A TOOL FOR REFLECTION WITHIN EXPERIENTIAL LEARNING PROJECTS: A CASE STUDY OF SIMULATED WORK BASED LEARNING WITHIN HIGHER EDUCATION E. Garcia, M. Brown, I. Elbeltagi	4676
AUTOMATED LEARNING TOPIC REFINEMENT OF EXERCISES BASED ON LOGGING DATA	4686

I. Jacques, P. De Causmaecker

TEACHING ADJUSTMENT BY U.S. LECTURERS IN AN AMERICAN STYLE UNIVERSITY IN NIGERIA <i>A. Salatian, J. Zivkovic, F. Ademoh, J.J. Shanan, K. Ademoh</i>	4692
A STUDY OF TEACHERS' PERCEPTIONS AND BELIEFS ABOUT TEACHING FROM PRE-SERVICE TO THE FIRST YEAR OF TEACHING S. Chong, S. Roslan	4697
A PSYCHOLOGICAL ANATOMY OF MATHEMATICS LEARNING H. Khiat	4705
AQWA ACADEMY – EXPORT OF GERMAN KNOWLEDGE ON WATER TO ARAB COUNTRIES USING A BLENDED LEARNING CONCEPT K. Siepmann, K.P.B. Müller, F.W. Bolle	4714
RAISING INTERPROFESSIONAL HEALTH CARE EDUCATION TO THE NEXT LEVEL O. Ekmekci	4717
PROPOSAL FOR SKILLS ASSESSMENT IN A UNIVERSITY STATISTICS COURSE M.J. Rosales Moreno, M.D. Huete Morales, J.M. Quesada Rubio, E. Navarrete Álvarez, M.J. Del Moral Ávila	4724
THE EFFECTS OF ONLINE METACOGNITIVE INSTRUCTION ON MANAGING STUDENT EXPECTATIONS <i>C. Mair</i>	4732
SPECIFICATIONS OF DESIRABLE OPEN AND DISTANCE UNIVERSITY TEXTBOOKS <i>B. Zandi, A. Alipour, M.R. Sarmadi, M. Mehrabi</i>	4741
LACE: A VIRTUAL COMMON COURSE ON 'CHANGING CULTURES IN EUROPE' FOR AN INTERNATIONAL MASTER F. Truyen, A. Kuppens, K. Van Haesendonck	4755
STATISTICAL DETERMINATION OF THE PRIORITY EXPECTATIONS OF GROUPS OF STUDENTS, THROUGH THE ANALYSIS OF THE SEMESTER EVALUATIONS OF TEACHERS E. Nieto Marquez	4764
MULTIMEDIA LEARNING DESIGN AND THEIR EFFECTS ON LEARNER PERCEPTIONS AND EXPERIENCES <i>Y.B. Rajabalee, M. Santally, D. Cooshna-Naik</i>	4770
A NON-TRADITIONAL TEACHING PROJECT IN THE UNAM ENGINEERING FACULTY H. Castaños	4776
INTERACTIVE APPLICATIONS ON THE WEB AS AN ALTERNATIVE FOR OBTAINING KNOWLEDGE J. Axotla García, M. Pineda Becerril, A. Aguilar Márquez, M. León Rodríguez, L. García	4780
DEBATE AS METHODOLOGY TO LEARN ARCHITECTURAL CRITICS <i>C. Mileto, F. Vegas López-Manzanares, V. Cristini, V. La Spina, L. García Soriano</i>	4784
ADAPTATION TO THE EEES BY THE SUBJECT "ARCHITECTURAL PRESERVATION": FIRST EXPERIENCES AND RESULTS	4790
C. Mileto, F. Vegas López-Manzanares, M. Diodato, P. Privitera, L. García Soriano	
USING VIDEO PRESENTATION AND PRODUCTION TO ENHANCE BUSINESS EDUCATION A. Sedaghat	4797
OPTIMIZATION STRATEGIES AND MANAGEMENT PROBLEMS OF HIGHER EDUCATION I. Linde	4798
60 IS THE NEW TODAY'S 40 : OLD AGE IS NOT A FACTOR IN ESTHETIC DENTISTRY <i>M. Harutunian, A. Di Bartolo, D. Estafan, D. Hershkowitz, A. Daoud</i>	4805
VISUAL LEARNING : TECHNOLOGY HELPING STUDENTS IN TREATMENT PRESENTATIONS <i>M. Harutunian, I. Brandes, B. Brandolin, A. Daoud</i>	4806
THE UTILIZATION OF DIGITAL STORYTELLING & BLOG ACTIVITIES EMPLOYING MOBILE TECHNOLOGIES H. Obari, J. Pagel, S. Lambacher	4808
THE VIRTUAL DIRECTOR OF STUDIES IN SCHOOLS E. Vázquez Cano	4819
COLLABORATIVE NETWORKING BETWEEN TEACHERS AND FAMILIES FOR A MORE EFFECTIVE ACADEMIC MONITORING OF STUDENTS	4829

E. Vázquez Cano

INTERNATIONAL DESIGN STUDIO: OLD INFRASTRUCTURE AND NEW LIFE FOR THE MEDIEVAL CITY OF GIRONA M. Delgado	4838
THE SIGNATURE OF HISTORY IN THE SEMI-SCHOOLED HIGH SCHOOL SYSTEM <i>M. Flamenco Bacilio</i>	4844
BUILD OUR NATION INTERNATIONAL PROJECT: AN INNOVATIVE EDUCATIONAL MODEL FOR SYSTEMS THINKING IN DESIGN <i>S. Bassanese, A. Espanyol, B. Rodeghiero, M. Tadi</i>	4849
IMPEDIMENTS TO KNOWLEDGE SHARING: DETERMINANTS OF KNOWLEDGE LOST FOLLOWING REPATRIATION OF INTERNATIONAL STAFF N. Appafram, A. Sheikh	4859
2008-2011: FACING A MULTIPLE CRISIS NEVER SEEN BEFORE J.G. de la Vega, M.J. Rivero Villar, T.L. de la Torre	4868
REAL COMPLEXITY AND GENERAL SKILLS THROUGH SIMULATIONS: THE CASE OF THE EU BUDGET I. Filibi, I. Alonso	4875
ARE WE UNIVERSAL?: A CASE STUDY OF 30 SCHOOLS IN TURKEY IN FRAMEWORK OF UNIVERSAL DESIGN FOR LEARNING S. Sakalli Gumus	4876
THE ROLE OF TELEMEDICINE IN RESOURCE-POOR ENVIRONMENTS TO ENHANCE REPRODUCTIVE HEALTH D. Hallberg, N. Kariyawasam, J. Wanjira	4877
ICT AND DISTANCE EDUCATION. THE THEORETICAL FRAMEWORK D. Gkotzos, A. Vigkou, E. Vemmou	4886
INTERNATIONAL INTERNSHIP OPPORTUNITIES FOR EMERGING DESIGN PROFESSIONALS C. Cimino	4894
AN INTERNATIONAL COMPUTER MEDIATED COMMUNICATION RESEARCH PROJECT ANALYSIS OF MULTILINGUAL PRE-SERVICE TEACHER EDUCATORS A. Vanthuyne, J. Byrd Clark	4902
SCIENCE, TECHNOLOGY INNOVATION: AUSTRALIA - INDIA COLLABORATION J. Webb	4911
KNOWLEDGE AND ATTITUDES REGARDING THE USE OF EDUCATIONAL TECHNOLOGY AMONG TEACHER CANDIDATES AND COLLEGE PROFESSORS IN THE TEACHERS EDUCATION PROGRAM AT THE UNIVERSITY OF PUERTO RICO W. Rosales-Mejía, V. Vernaza-Hernández	4917
PATTERNS OF PARTICIPATION IN AN ONLINE DISCUSSION FORUM WITH THE AIM OF CONSTRUCTING GEOMETRICAL KNOWLEDGE A. Serradó Bayés	4924
LEARNING WHILE WORKING - FROM A PRE-SERVICE TEACHER'S POINT OF VIEW M. Meriläinen, M. Piispanen, P. Valli, R. Valli	4934
LEARNING ARCHITECTURE IN A GLOBAL CONTEXT: SOCIAL MEMORY AND TECHNOLOGICAL DEVELOPMENT J.M. López Osorio, J.M. Mateos Delgado	4943
FULBRIGHT SCHOLAR SUPPORT FOR PROFESSIONAL DEVELOPMENT OF TEACHERS AND LANGUAGE ASSISTANTS (AUXILIARES DE LENGUA) IN BILINGUAL PROGRAMS IN LA COMUNIDAD DE MADRID L. Gerena	4950
ESTIMATING THE ECTS TO ADAPT CHEMISTRY LABORATORY PRACTICES TO THE EUROPEAN CONVERGENCE PROCESS IN THE CHEMISTRY DEGREE M. Rambla-Alegre, J. Paños-Pérez, J. Peris-Vicente, J. Esteve-Romero, S. Carda-Broch	4956
PROJECT-BASED LEARNING APPLIED TO THE 'ADVANCED ANALYTICAL CHEMISTRY' SUBJECT	4966
S. Carda-Broch, M.J. Ruiz-Ángel, M. Rambla-Alegre, J. Peris-Vicente, L. Monferrer-Pons, J. Esteve- Romero	
OPTIMAL EXPERIENCE IN VIRTUAL ENVIRONMENTS AMONG COLLEGE LEVEL DEVELOPMENTAL READERS <i>M. Burgess, P. Ice</i>	4974
TRENDS THAT MATTER NOW: DEVELOPING A CLEAR VISION TOWARD E- STRUCTURING DISTANCE EDUCATION <i>M. Burgess, P. Ice</i>	4975

TABLET TECHNOLOGY AND ITS POTENTIAL APPLICATION AT THE UNIVERSITY OF PRETORIA B. Fergusson, C. Cloete	4976
THE INTERACTIVE NONFICTION AS 2.0 EDUCATIONAL STRATEGY. THE CASE OF THE INTERACTIVE DOCUMENTARY A. Castells	4988
A. Casteris MOODLEWATCHER: DETECTION AND PREVENTION OF FRAUD WHEN USING MOODLE QUIZZES R. Matos, S. Torrão, T. Vieira	4997
EDUCATION AS AN EFFECTIVE INSTRUMENT TO COMBAT POVERTY N.U.A. Rajabalee	5002
SOCIAL PRESENCE IN REAL MAURITIAN CLASSROOMS: REFLECTIONS ABOUT THE UNIVERSITY OF MAURITIUS A. Ramsoondur-Mungur	5008
EXPERIENCE IN FIRST YEAR OF THE NEW DEGREES IN ENGINEERING USING ENGLISH-MEDIUM INSTRUCTION <i>M.E. Gutiérrez-Orrantia</i>	5013
WOMEN RESEARCH RESULTS IN ARCHITECTURE AND URBANISM A. Guardiola-Villora, L. Basset-Salom	5023
VIRTUAL LABS AND EFFICIENT LEARNING OF STRUCTURAL ANALYSIS A. Guardiola-Villora, A. Perez-García	5033
A GUIDANCE HANDBOOK FOR THE DEVELOPMENT AND EVALUATION OF THE PROFESSIONAL COMPETENCES OF MASTER DEGREE IN ACCOUNTING AND AUDITING STUDENTS	5041
E. Biedma López, N. Gómez Aguilar, P.I. Rodriguez Castro, E. Ruiz Barbadillo ISSUES AND CHALLENGES IN IMPLEMENTING MOBILE LEARNING IN MALAYSIAN SCHOOLS M. Mahamad J. Washard	5051
M. Mohamad, J. Woollard COLLABORATIVE PROGRAMME IN CIVIL ENGINEERING BETWEEN EDINBURGH NAPIER UNIVERSITY (UK) AND SHANGHAI NORMAL UNIVERSITY (CHINA) I. Smith, J. McDougall, H. Zhang, L. Jianxin	5060
MEASURING QUALITY IN HIGHER EDUCATION FROM THREE DIFFERENT PERSPECTIVES	5067
J. Legčević, N. Mujić, M. Mikrut EVALUATION OF USE OF STUDENT RESPONSE SYSTEM IN PRE-QUALIFICATION CLASSES FOR ENGINEERING EDUCATION K. Arnesen, J.B. Stav, G. Nygård-Hansen, G.S. Korpås, T. Talmo	5077
EXPERIENCING SUCCESS: STRATEGIES ADOPTED BY BLACK MEN AND BOYS TO ACCESS THE CURRICULUM WITHIN FURTHER EDUCATION SECTOR S. Peart	5084
A NEW ERA FOR POWER POINT SLIDES: SHORT, SIMPLE, ENGAGING G. Saravia	5095
DEVELOPING INTERACTIVE TOOLS FOR LEARNING VETERINARY ANATOMY C. Rojo, M.E. González	5102
STUDYING WITH DYSLEXIA: BURDEN OR BENEFIT? S. Lievens	5107
NOVEL TOOLS FOR STUDENTS' KNOWLEDGE ASSESSMENT IN CHEMISTRY M. Chrzanowski, B. Buczek, B. Ostrowska	5115
THE SCOPE AND LIMITS OF THE PROCEDURE OF EVALUATION THE UNIVERSITY STUDENTS' SATISFACTION BY USING QUESTIONNAIRES J. Aldaroso, M.A. Cantera	5124
CHALLENGING THE DIGITAL NATIVES WITH WEB QUESTS IN TEACHING AREA AND CULTURE STUDIES M. Ilyakhov	5131
"CHANGE MANAGEMENT" IN HIGHER EDUCATION INSTITUTIONS - SUSTAINABLE DEVELOPMENT E. Margaret, K. Anthonamma, N.V. Kavitha	5141
WHOLE HEALTH VALUES: A WORKSHOP FOR PARENTS OF KIDS DIAGNOSED AS SUFFERERS OF THE ATTENTION DEFICIT AND HYPERACTIVITY DISORDER USING FEINGOLD DIET. RECOMMENDATIONS COMBINED WITH MEXICAN FOOD M.I. Fernández San Martín, E. Vera Arenas, H. Canto Valencia	5148

RECRONDING TO STUDENTS/ WITH SPECIAL EDUCATIONAL NEEDS DIFFICULTIES.	E1E/
RESPONDING TO STUDENTS' WITH SPECIAL EDUCATIONAL NEEDS DIFFICULTIES: ROLES AND LIMITATIONS <i>E. Didaskalou, P. Stavroussi, A. Vlachou</i>	5156
INFORMATION LITERACY: FROM THE PRINT TO THE DIGITAL FORMAT G.P. Marciales-Vivas	5157
IDENTIFICATION OF FACTORS AFFECTING E-LEARNING ADOPTION IN SUB- SAHARAN AFRICA S. Sarkani, T. Mazzuchi, J. Fletcher	5163
ADVENTURES IN QUARTZ COMPOSER J. Bargsten	5172
DEVELOPMENT OF PEDAGOGICAL CONTENT KNOWLEDGE STANDARD FOR MALAYSIAN ICT TEACHERS S. Sarkawi, N. Md Salleh, M. Ibrahim, A. Syafila, N. Nayan, K. Samsudin, R. Baharudin	5177
A STUDY OF THE DAILY LEXICON OF SINGAPORE PRIMARY LEVEL WRITTEN CHINESE S.H. Ng, H.P. Zhang, C.S. Zhao, H.H. Goh	5185
AN ANALYSIS OF THE VOCABULARY OF SINGAPORE PRIMARY SCHOOL CHINESE LANGUAGE TEXTBOOKS S.H. Ng	5193
VIRTUAL NICU: AN ONLINE ENVIRONMENT WITHIN MOODLE WHICH COMPLEMENTS ADVANCED PRACTICE NEONATAL NURSING EDUCATION, TRAINING AND COMPETENCY A. Carley	5200
LEARNING EXPERIENCES IN AN INTERPROFESSIONAL HEALTH SCIENCES COURSE: QUALITY AND RENEWAL <i>E. Ennever, M. Bramble, R. Bull, J. Walls, C. Zimitat</i>	5203
CHALLENGES OF TEAM TEACHING S. Zhanabayeva, T. Shershneva	5204
CLINICAL STUDY AS A STUDENT PREPARATION FOR CLINICAL STAGE D. Susmarini	5208
ISSUES AND CHALLENGES IN THE ENGINEERING COMMUNICATION ENVIRONMENT: THE MALAYSIAN EXPERIENCE M. Yusoff	5213
SCHOOL INTERVENTION AGAINST ACADEMIC PLAGIARISM: ANALYSIS OF THE INTERNAL REGULATIONS OF THE CENTERS OF SECONDARY EDUCATION M. Morey Lopez, R. Comas Forgas, J. Sureda Negre, G. Samioti, T. Mut Amengual	5225
SUPPORTING PRIMARY SCHOOL STUDENTS IN DEVELOPING ANALYTICAL AND COMPUTATIONAL THINKING SKILLS THROUGH THE CMINDS LEARNING SUITE H. Tsalapatas, O. Heidmann, R. Alimisi, C. Florou, E. Houstis	5231
LEVEL OF BIOLOGICAL LITERACY OF FIRST YEAR BIOLOGY STUDENTS OF COLLEGES OF EDUCATION IN YOBE STATE: IMPLICATIONS FOR BIOLOGY EDUCATION IN NIGERIA C. Nwagbo, A. Adam	5242
THE EQUITY OF SUBJECTIVE EVALUATIONS IN ONGOING EVALUATION <i>R. Sellers-Rubio, J.L. Nicolau-Gonzalbez</i>	5249
THE TOOLS TO OVERCOME MOTIVATION AND RECOURSE BARRIERS IN ESTABLISHING FLUENT ENGLISH ATMOSPHERE UNDER THE PROCESS OF INTERNATIONALISATION AT THE INSTITUTIONS OF HIGHER EDUCATION IN KAZAKHSTAN O. Kirichok	5257
THE STUDENTS USE OF THE LEARNING MANAGEMENT SYSTEM "BLACKBOARD" IN ACTIVE E-COURSES IN HUMAN STUDIES CENTER AT THE UNIVERSITY OF KING SAUD I. Aloraini	5264
KNOWLEDGE TRANSFER: AN EC FUNDED RESEARCH PROJECT CASE STUDY N. Court	5265
IMPLEMENTATION OF AN ICT-BASED TOOL FOR ASSESSING STUDENTS COMPETENCES IN BUSINESS ADMINISTRATION SUBJECTS P. Miravitlles-Matamoros, A. Núñez-Carballosa, L. Guitart-Tarrés, M. Bernardo, F. Achcaoucaou- lallouchen, E. Hormiga-Pérez	5276

TEACHING BIOCHEMISTRY ENGINEERING FUNDAMENTALS TO BIOCHEMISTRY GRADE STUDENTS AT THE UNIVERSITY COMPLUTENSE OF MADRID <i>E. Díez, J. García, M.D. Romero, A. Rodríguez</i>	5284
METHODOLOGIES OF TEACHING AND LEARNING FOR THE DEVELOPMENT OF CREATIVITY AND MOTIVATION A. Gómez	5290
CYBER-COLLABORATION: WEB 2.0, GOOGLE DOCS AND ONLINE PARAGOGY <i>M. Telafici, J. Williams</i>	5293
TRENDS AND CHALLENGES OF TECHNOLOGY INTRODUCTION IN THE EDUCATION AND LEARNING PROCESS: A CASE STUDY AT A HIGHER FEDERAL EDUCATIONAL INSTITUTION – CEFET/RJ C. Araujo, L.C. Diogo Reis, Y. Guimaraes, I.M. Spritzer	5294
THE VALUE OF THE EVERYDAY: PROJECT LEARNING ON THE SUBJECT OF ART EDUCATION IN SECONDARY SCHOOL A. Gómez	5304
INTERCHANGING EXPERIENCES OF STUDENTS' RESEARCH TASKS IN HIGHER EDUCATION. THE CASE OF UPV (SPAIN)-UNIJUI (BRAZIL) COLLABORATION IN PESTICIDE DETECTION IN WATER BODIES	5310
N. Laguarda-Miró, F. Werner-Ferreira, E. García-Breijo, L. Gil-Sánchez, J. Ibáñez-Civera, C. Olguín- Pinatti	
PREDICTING INTEREST WHILE READING WITH WII FIT BALANCE BOARDS V. Clinton, S. D'Mello, P. van den Broek	5315
A GUIDE TO IMPROVE THE MONITORING AND EVALUATION OF INTERNSHIPS PERFORMED BY CHEMISTRY UNDERGRADUATE STUDENTS J. Peris-Vicente, M. Rambla-Alegre, S. Carda-Broch, J. Esteve-Romero	5321
TEACHING ENERGY CONCEPTS THROUGH ACTIVE AND INTERACTIVE TEACHING MATERIALS <i>E. Montero, F. Aguilar, M.J. González-Fernández, F. Alaoui</i>	5328
IMPROVING PARTICIPATION IN THE CLASSROOM E. Oliveras, P. Crespo	5333
INTRODUCTION OF DYNAMIC GAMES IN TEACHING FINANCIAL ACCOUNTING E. Oliveras, P. Crespo	5334
THE RELEVANCE OF EVALUATION IN A EUROPEAN PROJECT <i>P. Martín Pérez, L. Sierra Ayala, M.C. Sierra Ayala, H. Sánchez-Puga Neira, A.M. Buitrago Escobar</i>	5335
WHAT CAN A CAKE HIDE? A SOCIAL EXPERIENCE METHAPHOR ON THE EDUCATION AND LEARNING PROCESS C. Araujo, L.C. Diogo Reis, L. Sillva, L.M. Garrido, I.M. Spritzer, L. Xavier	5339
HIGHER EDUCATION IN THE DEVELOPING WORLD: DROSOPHILA	5347
NEUROGENETICS, UGANDA. T. Baden, I. Palacios, M. Vicente, M.D. Martin Bermudo, S. Yusuf, L. Prieto Godino	
APPLICATION OF 2D AND 3D MODELS FOR TEACHING OF NATURAL SCIENCES A. García Moreno, J.C. Barriga Bernal, V. Buencuerpo Arcas, B. Cifuentes Cuencas, I. García Mas, M.A. Gómez Flechoso, M.T. González Jaen, J.M. Hernández de Miguel, V. Jiménez Ortega, R. Lahoz Beltrá, P. López González-Nieto, M.V. López-Acevedo Cornejo, E. Moreno-Eiris, B. Muñoz Araujo, C. Ornosa Gallego, R. Outerelo Domínguez, P. Refoyo Román, E. Ruiz Piña, A. Tormo Garrido, M.A. Vázquez Martínez	5348
THE ROLE OF THE FAMILY IN FORMING VALUES OF CHILDREN IN THE POST- MODERN SOCIETY E. Frydkova	5355
THE COMPANY: ENTREPRENEURSHIP FOR ENGINEERS J. Trommelmans, J. De Wachter, S. De Cleyn, L. De Roy, W. Daems	5362
INTERNET, MINORS AND SEXUAL ABUSES. A CIRCULAR PHENOMENON <i>M. Roca Escoda, S. Gabarro</i>	5367
DELIVERING WEB-BASED LEARNING TO ABORIGINAL SECONDARY SCHOOL STUDENTS IN ISOLATED COMMUNITIES <i>D. Sharpe, D. Philpott</i>	5376
SELF-CONCEPT AND CAREER SOCIAL COMPETENCE IN PORTUGUESE ADOLESCENTS L. Faria, M.C. Taveira, M. Nogueira, F. Veiga	5377
TEACHER TRAINING: A KEY FACTOR FOR THE SUCCESS ON THE APPLICATION OF ACTIVE LEARNING METHODOLOGIES <i>E. Aldazabal, M. Espinosa</i>	5378

THE IMPLEMENTATION OF PROJECT BASED LEARNING IN FINANCIAL ACCOUNTING: A SPECIFIC DESIGN TO ENSURE A SUSTAINABLE LEARNING PROCESS M. Espinosa, B. Arosa, I. Barrainkua	5386
WAYS TO OPTIMIZE AND HIGHLIGHT THE IMPACTS OF ACTIVITIES OF RESEARCH AND TRANSFER OF TECHNOLOGY CENTERS ON HIGHER EDUCATION AND TRAINING F. Kingsbury	5393
DIFFERENTIATED INSTRUCTION IN THE 21ST CENTURY CLASSROOM I. Korre	5394
THE APPLICATION OF E-LEARNING IN A COLLEGIATE SPORTS CLASS TO DEVELOP THE "DIAGNOSIS SKILLS" IN TENNIS <i>H. Takahashi, M. Ishihara, T. Morishige, Y. Tanaka, T. Wada</i>	5400
INTERACTIVE VIDEO TUTORIALS AS A TOOL TO REMOVE BARRIERS FOR SENIOR EXPERTS IN ONLINE INNOVATION CONTESTS C. Digmayer, E.M. Jakobs	5407
PORTUGUESE HIGHER EDUCATION: AN EVOLUTION IN REVERSE <i>B. Gil Cabrito, L. Cerdeira, T. Patrocínio</i>	5417
KNOWLEDGE MANAGEMENT APPLICATION IN A FRANCHING LEARNING BUSINESS T.T. Lim	5424
JAMIE OLIVER'S GREAT ITALIAN ESCAPE DVDS AS A TOOL FOR TEACHING AB INITIO ITALIAN TO STUDENTS OF CULINARY ARTS E. Watson	5430
THE GLOBAL ENGLISH CORPORATE LEARNING SERVICE [™] AS A TOOL FOR DEVELOPING LEARNER AUTONOMY IN BUSINESS ENGLISH LANGUAGE TEACHING AND LEARNING E. Mattos de Sa	5434
THE UNIVERSITY AND THE ANALYSIS OF THE INTERNET TOPICS J.F. Fondevila-Gascón, J.L. Del Olmo-Arriaga	5444
DIFFERENCES IN COMPUTER USAGE AND BACKGROUND VARIABLES OF FIRST YEAR STUDENTS IN HIGHER EDUCATION N. Wesseling	5451
BEHAVIORS TOWARDS CONTRACEPTION IN A SAMPLE OF PORTUGUESE ADOLESCENTS	5456
M. Ferreira, P. Nelas, G. Aparicio, J. Duarte, C. Albuquerque	
THE IMPACT OF THE USE PLAGIARISM DETECTION TECHNOLOGY (TURNITIN) ON STUDENTS' ASSIGNMENTS SUBMITTED ONLINE, A CASE STUDY OF BOTHO COLLEGE FRANCISTOWN, BOTSWANA <i>A.P. Masina, R.C. Chirau</i>	5465
LANGUAGE TEACHER PROFILES: HOW DOES LANGUAGE AWARENESS RELATE TO TEACHING PHILOSOPHY? A. McNeill	5473
HUDDLE STREET - A VIRTUAL LEARNING ENVIRONMENT (VLE) FOR INTEGRATED INTERPROFESSIONAL WORKING WITHIN A HEALTHCARE SETTING K. Currell, R. Taylor	5480
FOSTERING GLOBAL CONNECTIONS THROUGH VIRTUAL INTERNATIONAL PEER EXCHANGE C. Lipszyc-Arroyo	5487
BUSINESS PROCESS MANAGEMENT FOR QUALITY ASSURANCE IN EDUCATION <i>P. Nangsue</i>	5494
PROBLEMS AND PROSPECTS OF FOREIGN LANGUAGE TEACHING TO STUDENTS OF NON-LINGUISTIC SPECIALTIES <i>M. Kulakhmetova, A. Raissova, A. Sarsenbayeva</i>	5499
ELECTRONIC HEALTH RECORDS AND ELECTRONIC MEDICAL RECORDS: AN INFORMATION TECHNOLOGY ARCHITECTURE FOR HEALTHCARE REFORM E. Cherian	5505
EVALUATION OF ONLINE TOOLS AS DIDACTIC RESOURCE IN THE UNIVERSITY EDUCATION	5511

E. Perales, E. Chorro, V. Viqueira, F. Martínez-Verdú

DEVELOPMENT EDUCATION AT UNIVERSITY LEVEL: AN ONGOING PROCESS SUPPORTED BY STRUCTURES. THE 25 YEARS EXPERIENCE IN ETEA AS A REFERENCE A.M. Sianes-Castano, M.R. Cordon-Pedregosa, M.L. Ortega Carpio	5521
ENHANCING STUDENT LEARNING IN MECHANICAL ENGINEERING THERMODYNAMICS WITH A TWO-STAGE TEST M. Duarte	5531
DESIGN OF ONLINE PRACTICAL LESSONS IN COLORIMETRY E. Perales, E. Chorro, F. Martínez-Verdú, V. Viqueira	5535
DEVELOPMENT OF PROFESSIONAL FOREIGN LANGUAGE COMPETENCE OF TECHNICAL STUDENTS BY MEANS OF INFORMATION TECHNOLOGIES A. Raissova, M. Kulakhmetova, A. Sarsenbayeva	5543
MEASURING THE WORKLOAD OF TEACHERS IN THE EUROPEAN HIGHER EDUCATION A. García-Pino	5550
TEACHING MODEL BASED ON BLENDED LEARNING: APPLICATION IN LEARNING OF FUNCTIONAL FOOD INGREDIENTS TESTING TOOL D. Arráez-Román, J. Lozano-Sánchez, R. Quirantes-Piné, I. Borrás-Linares, S. Fernández-Arroyo, J. Valverde-García, A. Segura-Carretero	5561
MUSIC IN THE MIDDLE AGES THROUGH HEARING: TEACHING RESOURCES A.M. Botella Nicolás	5565
A NEW TEACHING METHOD FOR BIOACTIVE COMPOUNDS CHARACTERIZATION THROUGH BLENDED LEARNING C. Rodríguez-Pérez, C. Jiménez-Sánchez, A. Morales-Soto, P. García-Salas, C. Roldán-Segura, J. Valverde-García, A. Segura-Carretero	5573
SOCIALIZATION OF INTERNATIONAL STUDENTS: A CASE STUDY B. Ohlinger, C.F. Machado	5578
ONLINE COURSES - INNOVATIVE EDUCATION CHANNEL OR 21ST CENTURY CORRESPONDENCE COURSE J. Reardon, D. McCorkle, V. Auruskeviciene	5588
MFA: A WEB APPLICATION USING ART FOR TEACHING RESPIRATORY INFECTIOUS DISEASES IN VETERINARY D. Cid, M. Aguilar Moreno, J. Carrillo de Albornoz, P. Garcia Palencia, C. Martin Espada	5594
ENHANCING UNIVERSITY TEACHERS INFORMATION AND COMMUNICATION TECHNOLOGY USAGE BY USING A VIRTUAL LEARNING ENVIRONMENT TRAINING COURSE M. Ageel, J. Woollard	5599
STRATEGIC ANALYSIS APPLIED TO A MASTER DEGREE IN CONSTRUCTION MANAGEMENT: A VIEW FROM THE FACULTY J. Jiménez, V. Yepes, M. Picornell, E. Pellicer	5607
GAPS THAT IMPEDE CONSTRUCTION GRADUATES ENTERING THE SPANISH LABOUR MARKET A. Carrión, C. Torres-Machí, V. Yepes, E. Pellicer	5616
MOTIVATION OF POSTGRADUATE STUDENTS ENROLLED IN A MASTER DEGREE IN CONSTRUCTION MANAGEMENT V. Yepes, M. Picornell, C. Torres-Machí, E. Pellicer	5626
SEISMIC DAMAGE AND VULNERABILITY ANALYSIS OF HISTORICAL CONSTRUCTIONS F. Maroldi, R. Pedroni, G. Riva, M. Terreni, F. Veltri	5634
CONTENT VALIDITY OF A QUESTIONNAIRE THAT ASSESS THE LEVEL OF KNOWLEDGE THAT TEACHERS HAVE REGARDING THE ATTENTION DEFICIT HYPERACTIVITY DISORDER M. Soroa, N. Balluerka, A. Gorostiaga	5642
ART, TEACHING AND TECHNOLOGY: NEW PERSPECTIVES ON LEARNING STRUCTURES IN THE CONTEMPORARY UNIVERSITY <i>G. Robles Reinaldos, T. Simó Mulet, J. Segura Cabañero</i>	5651
SOCIAL NETWORKING SITES AS A TEACHING RESOURCE A. Horno López	5658
DEVELOPING WRITING COMPETENCE AS A WAY OF ENHANCING ENVIRONMENTAL SCIENCE KNOWLEDGE G.M.L. Ruiz-Aguilar, S.J. Alejo-López, M. Marti-Reyes, J. Molina-Ochoa	5663
THE COMPARATIVE METHOD IN TEACHING OF LITERARY WORKS I. Silva	5668

THE CHANGING PROFILE OF EXPERIMENTAL PHARMACOLOGY. ARE WE DEVELOPING THE RIGHT PROFICIENCIES FOR FUTURE PHARMACOLOGISTS? R. Rose'Meyer, C. Rose'Meyer	5673
WEB-BASED EARLY LITERACY RESEARCH: THEORY TO PRACTICE N. Piquette, R. Savage	5683
A WEBPAGE CREATED WITH GOOGLE SITES AS AN APPROPRIATE TOOL FOR SUPPORT ON TEACHING D. Moldes, F.J. Deive, M. Pazos, M.A. Sanromán	5684
GOING FROM HIGH SCHOOL TO UNIVERSITY: AN EXPERIENCE TO INTRODUCE THE STUDENTS IN BIOTECHNOLOGY CAREER M. Pazos, F.J. Deive, D. Moldes, M.A. Sanromán	5692
THE INTEGRATION OF TECHNOLOGY INTO THE PEDAGOGY OF THE 21ST CENTURY: AN IMPLEMENTATION CASE STUDY <i>M. Cowling, J. Novak</i>	5699
WIKIS IN THE ADULT ESOL CLASSROOM - A POSSIBLE SOLUTION FOR ENGAGING STUDENTS WITH LIMITED LANGUAGE PROFICIENCY AND/OR LIMITED KEYBOARD SKILLS J. Hepler	5708
TECHNOLOGY BY DESIGN – A COMPREHENSIVE PROCESS FOR MANAGING TECHNOLOGY CHANGE TO SUPPORT AN EDUCATIONAL ORGANIZATION IN THE 21ST CENTURY J. Thurner	5718
VIDEO ON DEMAND BASED LEARNING ENHANCED TEACHING & LEARNING PROCESS VIA STUDENT-REGULATED LEARNING (SRL) S.F.A. Mohamad Mohsin, R. Hassan	5727
THE ROLE AND WORK OF ENGLISH AS A FOREIGN LANGUAGE PROGRAM DIRECTORS IN ECUADORIAN UNIVERSITIES J. Caro	5733
RELATIONSHIP BETWEEN STUDY ORIENTATION IN MATHEMATICS (SOM) AND MATHEMATICS ACHIEVEMENT V. Arsaythamby	5743
THE IMPACT OF A TECHNOLOGY RICH LEARNING ENVIRONMENT PAIRED WITH ACTIVE LEARNING TECHNIQUES ON ENGINEERING EDUCATION <i>R. Garrick, R. Hart, E. Dell, L. Villasmil</i>	5752
TRADITIONAL EDUCATION VS MODERN EDUCATION. WHAT IS THE IMPACT OF TEACHING TECHNIQUES' EVOLUTION ON STUDENTS' LEARNING PROCESS? J.M. del Campo, V. Negro, M. Núñez	5762
DIFFERENT PEDAGOGICAL APPROACHES IN A 1-1 COMPUTING ENVIRONMENT AND ITS IMPACT ON STUDENTS' ATTITUDE <i>P. Wong, M. Wettasinghe</i>	5767
GRAPHIC COMMUNICATION TRAINING: HIGH INTELLECTUAL VERSUS HIGH EXECUTION I. Alias	5775
CAREER CHOICES AMONG PHYSIOTHERAPY GRADUATES FROM MEDICAL UNIVERSITY OF WARSAW D. Białoszewski, J. Gotlib	5778
A CLEAR SHIFT IN PEDAGOGY FOR ON-LINE LEARNING: PRAGMATIC APPROACHES THAT WORK! S. Garton, S. Heinz, K. Sticka	5787
QUANTITATIVE ANALYSIS OF COMPUTER LITERACY CLASS T. Wada, H. Takahashi	5788
THE EFFECT OF SINGLE-SEX SCHOOLS ON ACADEMIC ACHIEVEMENT: USING NATURAL EXPERIMENT DATA OF KOREAN HIGH SCHOOL J. Hyun, D. Kwak	5794
EDUCATIONAL TRANSFORMATION: IS IT A MYTH? N. Nasir	5799
CLASSICAL VS. INSTRUMENTAL ANALYTICAL CHEMISTRY: THE ROLE OF METACONCEPTIONS	5805
A. Doménech-Carbó, J.V. Gimeno-Adelantado, R. Mateo-Castro	F010
RANKING OF WEBSITES OF THE PRINCIPAL UNIVERSITIES AROUND THE WORLD C. Rivera Hernández, M.R. Rivera Cruz	5813

A LITTLE LINGUISTICS GOES A LONG WAY A. Paczkowski	5822
SECONDARY SCHOOL PROFILE IN SCIENCE AND TECHNOLOGY VERSUS THE FIRST YEAR AT THE TECHNICAL UNIVERSITY OF MADRID. CAUSE OF FAILURE OR QUITTING?	5828
J.S. Lopez-Gutierrez, J.M. del Campo, V. Negro	
CHALLENGES AND OPPORTUNITIES OF WIKISPACES FOR THE INTERDISCIPLINARY STUDY OF NUTRITION A. Aguilar, F.X. Medina, F. Saigí, J.A. Pons, N. Piqué	5832
INTO THE LIGHT: THE ROLE OF PEER FEEDBACK AND INTERACTION ON ACADEMIC SKILLS FOR MATURE, PART-TIME HE LEARNERS B. Ferguson, J. Scruton	5839
APPLYING PROBLEM BASED LEARNING WITH MULTIPHASE FLOWMETER PROTOTYPE LAB-EQUIPMENT AS INSTRUCTIONAL STRATEGIES FOR HIGHER EDUCATION INSTITUTIONS E.J. Mohamad, R. Abdul Rahim, M.M. Mohamad, O. Faizan	5848
ACTIVE AND COOPERATIVE E-LEARNING METHODOLOGIES TO IMPROVE TEACHING: AN EXPERIENCE IN BIOLOGICAL SCIENCES A.I. Valenciano, E. Isorna, M.J. Delgado, A.L. Alonso-Gómez, N. De Pedro	5856
A PROCEDURE TO ASSESS THE QUALITY OF THE LEARNING PROCESS AT A CIVIL ENGINEERING SCHOOL IN SPAIN V. Navarro, L. Asensio, M. Cacho, B. García, Á. Yustres	5863
TOWARDS AN ENTREPRENEURIAL PEDAGOGY - POLITICS, RHETORIC OR NEW PEDAGOGIC PRACTICE? J. Sjoevoll	5869
EVALUATION OF COGNITIVE ABILITIES OF CHILDREN AT THE START OF SCHOOL ATTENDANCE FROM SOCIALLY DISADVANTAGED ENVIRONMENT D. Denglerová	5877
DIFFERENCES IN ANXIETY LEVELS IN THE STRATEGIC LEARNING OF A FOREIGN LANGUAGE ACCORDING TO GENDER, COURSE AND TYPE OF SCHOOL <i>M. de la Morena Taboada, P. Fernández Martín, A. Sánchez Burón</i>	5878
ACADEMIC AND INSTITUTIONAL INTEGRITY - CAN'T HAVE ONE WITHOUT THE OTHER G. Cinali	5886
ANALYSIS OF OPINIONS OF STUDENTS AND TEACHERS OF MEDICAL UNIVERSITY OF WARSAW REGARDING E-LEARNING J. Gotlib, D. Białoszewski, A. Mosiołek, F. Dąbrowski	5895
FIRST YEAR OF THE DEGREE IN MARKETING AND MARKET RESEARCH: INTERNAL EVALUATION E. Álvarez Verdejo, S. González Aguilera, R. Fernández Pascual	5903
BOLOGNA TRANSLATION SERVICE: AN ENABLER FOR INTERNATIONAL PROFILING AND STUDENT MOBILITY H. Depraetere, J. Van de Walle	5907
GUIDED WEEKLY REFLECTION PAPERS: A STRATEGY FOR ACHIEVING ACADEMIC GOALS	5913
G. Quintanilla, J.L. Copa-Patiño, A. Guerrero, M. González-Santander, N. Hernández, M.S. Arias, M.A. Peña	
WEB-BASED LEARNING OBJECT FOR COMPARATIVE LOAN CALCULATIONS M. Fernández-Diego, F. Ramos	5920
FACE TO FACEBOOK A. Nájera López, E. Arribas Garde, M.M. Arroyo Jiménez, M.M. Artigao Castillo, J.R. Blas, M.J. García Meseguer, J. Laborda Fernández, R. López Honrubia, E. Rovira Gil, J. Van Duijn, J.M. Villalba Montoya, A. Moldovan	5926
CULTURAL BACKGROUND AND THE BENEFITS OF E-LEARNING <i>P. Heath, R. Miller</i>	5938
E-LEARNING = SOCIAL LEARNING? E. Bond, T. Goodchild	5948
IMPROVING LEARNING ENVIRONMENT AT DIFFERENT ACADEMIC LEVELS THROUGHOUT GUIDED WEEKLY REFLECTION PAPERS G. Quintanilla, J.L. Copa-Patiño, A. Guerrero, M. González-Santander, N. Hernández, M.S. Arias, M.A. Peña, G. Montero	5949

LEARNING MATHEMATICS WITH ROBOTS E. Fernandes	5954
'YOUR CHEATIN' HEART': HOW LECTURER'S PERCEIVE PLAGIARISM BY UNIVERSITY STUDENTS G. Ryan, M. Valverde, M.M. Pàmies, G.M. Hernández Maskivker	5959
FOSTERING TEAMWORK: AN EXPERIENCE THROUGH THE ANALYSIS OF "CONVINCED" AND "SKEPTICAL" FRAMES ON CLIMATE CHANGE IN THE CONTEXT OF PUBLIC POLICIES STUDIES A.M. Palau	5964
EXPERIENCES WITH USE OF ACTIVITY BASED TRAINING METHODS IN LANGUAGE TRAINING T. Talmo, J.B. Stav, K. Arnesen, A. Grøm	5975
DEVELOPING A SERVICE, DEVELOPING HIGHER EDUCATION <i>T. Ojasalo</i>	5984
WORKING WITH ROBOTS IN THE EARLY YEARS: WRITING A STORY S. Martins, E. Fernandes	5995
VIRTUAL LEARNING IN HEALTHCARE DISCIPLINES: LEARNING VIA AVATARS J. Sim, J. James, M. McDonald, P. Maude, T. Ryan, S. Scutter, D. Wood	5999
EXPERIENCED TEACHERS PEDAGOGICAL STRATEGIES IN CONTENT-BASED INSTRUCTION CONTEXTS	6001
I.S. Mohd Ariff Albakri, N. Ismail, A. Omar, R.N.S. Harun, N.H. Zainal Abidin DEVELOPING LEARNER AUTONOMY AND LEARNING STRATEGIES IN TEACHING FOREIGN LANGUAGES AT PRIMARY SCHOOL K. Rokoszewska	6006
MAKING 'FRIENDS' IN THE CLASSROOM: USING FACEBOOK TO IMPROVE THE LEARNING EXPERIENCE IN MARKETING EDUCATION G. Ryan, M.M. Pamies, G.M. Hernández Maskivker, Y. Ustrov, M. Valverde	6016
A COMPARATIVE STUDY OF THE SUBJECTS, STATISTICS AND FINANCIAL MANAGEMENT, OF DEGREE IN BUSINESS ADMINISTRATION AND MANAGEMENT AND DEGREE IN FINANCE AND ACCOUNTING IN SPAIN R. Fernández Pascual, M.A. Navarro Ruiz, S. González Aguilera, E. Álvarez Verdejo	6022
THE EVOLUTION OF HUMAN RESOURCES MANAGEMENT IN SMALL AND MEDIUM ENTERPRISES IN PORTUGAL: THE CASE OF RECRUITMENT AND SELECTION P. Melo, C.F. Machado	6030
IMPROVING TEACHING AND LEARNING MATERIAL WITH AUTHORING TOOLS <i>M. Santos Peñas, V. López, J.A. Martín</i>	6040
THE USE OF DIGITAL GENRES AND SOCIAL NETWORKS IN ENGLISH LANGUAGE TEACHING – ENHANCING INTERACTION, DEVELOPING COMMUNICATIVE COMPETENCE AND PROMOTING DIGITAL LITERACY E. Mattos de Sa	6050
NATIONAL PROJECT TO IDENTIFY GIFTED STUDENTS IN SAUDI ARABIA: FIRST PHASE E. Alharby	6059
PERFORMANCE EVALUATION OF ERP SYSTEMS TRAINING PROGRAM O. Pantelic, D. Vujaklija, A. Pajic	6068
THE ESSENCE AND STRUCTURE OF INFORMATION COMPETENCY OF AN INTERPRETER IN THE SYSTEM OF CONTINUING EDUCATION A. Grebenshchikova	6075
A STUDY ON THE DEVELOPMENT AND EVALUATION OF A PROGRAM TO IMPROVE PARENT-CHILD ATTACHMENT IN FAMILIES ADOPTING AN OLDER CHILD IN KOREA –IN THE CASE OF ELEMENTARY STUDENTS I.J. Chung, H. Shin, S. Min, J. Kwon	6081
COLLABORATION STORIES : PRECONDITIONS FOR THE IMPROVEMENT OF SCHOOL EXPERIENCES FOR CHILDREN WITH SPECIAL NEEDS <i>S. Tetreault, P. Marier Deschenes, A. Freeman, H. Gascon, P. Beaupre, M. Carriere</i>	6089
THE INNOVATION INCUBATOR: SIX YEARS OF ACHIEVEMENTS M. Imperadori, G. Salvalai, A. Meoli	6098
BETWEEN IDEA AND SCHOOL PRACTICE A. Bialek, D. Wiszejko-Wierzbicka	6105

VIRTUAL SPACE FOR THE ANATOMICAL AND CLINICAL STUDY OF EXOTIC	6111
ANIMALS J. Gonzalez Soriano, A. Montesinos Barceló, R. Martín Orti, B. Reh Aguirre de Cárcer, F. Sarrate Santos, A. García Moreno, G. Alcántara de la Fuente, L. Pérez de Quadros, A. Camina Vega, A. Arencibia Espinosa, J. Orós Montón, P. Marín García	
DIGITAL LIBRARIES OF CULTURAL CONTENTS AND INTEGRATION IN THE UNIVERSITY OPEN ACCESS REPOSITORY <i>A. Boujdad Mkadem, P. Nieuwenhuysen</i>	6117
EASE IN FOREIGN LANGUAGE LEARNING A.G. Torres, A. Vera	6122
UNCHAIN STRATEGY FOR BOOSTING THE COOPERATION OF BUSINESS WITH MENA UNIVERSITIES <i>H. Schnitzer, M. Haindl, E. Colombo, M. Crul, H. Sewilam</i>	6127
UTILIZATION OF NUMERICAL METHODS IN CONTEXT OF LEARNING PROCESS ENHANCEMENT FOR MULTI-DISCIPLINARY FIELD OF SCIENCE <i>R. Fakhrai, B. Saadatfar, R. Khodabandeh, T. Fransson</i>	6138
NON VERBAL COMMUNICATION AS A CRUCIAL FACTOR IN SUSTAINING A SUCCESSFUL COMMUNICATIONAL CONTEXT IN LIFELONG LEARNING G. Potamias, A. Simou	6144
ICT CURRICULUM INTEGRATION IN THE CONTEXT OF THE LEARNING OUTCOMES PROJECT IN PORTUGAL F. Costa, E. Cruz, S. Fradão	6150
PSYCHOLOGICAL BARRIERS TO LIFE-LONG LEARNING AND ADULT EDUCATION <i>G. Potamias, A. Simou</i>	6160
THE PEER ASSESSMENT AS A METHOD OF LEARNING: AN EXPERIENCE IN THE GRADE OF NURSING <i>M.L. Ballestar-Tarin, M.C. Martos-Jimenez, L. Ruano-Casado</i>	6165
EXPERIENCE IN THE DEVELOPMENT OF A WEB ACCESSIBILITY COURSE USING LEARNING OBJECTS <i>F.J. Díaz, A. Schiavoni, A.P. Amadeo, M.E. Charnelli</i>	6171
LINKS; LEARNING, INTEGRATING KINETIC SOLUTIONS A. O'Brien-Gayes, L. Scribner, B. Burroughs, P. Gayes	6172
HOW TO USE STEREOTYPES TO RAISE AWARENESS OF CULTURAL INTERPRETATION AND ENCOURAGE INTERCULTURAL COMPETENCE S. Kanobana	6177
E-ISSUE DEVELOPMENT BASED ON A GNU MULTIMEDIA ENVIRONMENT TO SELF- LEARNING PASW (STATISTICS SOFTWARE) <i>F. Herrero, P. Jara, J. Rosel</i>	6186
WEB 2.0 BASED DEVELOPMENT OF CHEMICAL ENGINEER SKILLS THROUGH A COLLABORATIVE DESIGN OF INDUSTRIAL PROCESSES J.F. Arteaga, J.E. Matín-Alfonso, M.J. Díaz-Blanco	6192
OPEN NOTTINGHAM A. Beggan, S. Stapleton	6201
REALITY AND SOME PROBLEMS IN THE EDUCATION OF CHILDREN IN A TRADITIONAL INTER-ETHNIC AND MULTICULTURAL ENVIRONMENT <i>P. Barka, V. Boboli</i>	6202
VISUAL IMPAIRMENT AND INFORMATION AND COMMUNICATION TECHNOLOGY IN EDUCATION: A SYSTEMATIC REVIEW Y. Gómez, M. Navarro Beltrá, M. Martín Llaguno	6210
RACING WITH ROBOTS C. Lopes	6217
THE TECHNOLOGY APPLIED AS A METHODOLOGY FOR THE DEVELOPMENT OF THINKING AND LANGUAGE M. Gutiérrez, S. Rubín	6222
A SMITH CHART BASED TOOL AS A COMPUTER AID IN IMPEDANCE MATCHING LEARNING COURSES C. Reig, D. Gilabert	6230
VISUALIZING THE QUIXOTE: A DIGITAL HUMANITIES ARCHIVE FOR RESEARCH AND TEACHING E. Urbina, F. González Moreno	6237

RECEARCH ON DUDI C/ CATICEACTION WITH EVTRACURDICULAR ACTIVITIES IN	6246
RESEARCH ON PUPILS' SATISFACTION WITH EXTRACURRICULAR ACTIVITIES IN SCHOOL R. Rudela	0240
TEACHING PHYSICS TO 101 YEARS OLD PEOPLE: EXPERIENCES AND CHALLENGES AT THE "NAU GRAN" J. Cruz, A. Díez, M. Andrés	6254
DIGITAL PLATFORMS, SOCIAL NETWORKS, INTERNET: THE CHALLENGE IN GREEK EDUCATION S. Nikolidakis, T. Paraskevas	6259
COMPARATIVE ASSESSMENT OF ONLINE HYBRID AND FACE-TO-FACE TEACHING METHODS S. Sertsu, C. Chacon	6266
SIMULATION SOFTWARE BASED ON INTANGIBLES FOR STRATEGIC DECISION MAKING M.A. Trillo Holgado, R. Espejo Mohedano	6272
THE ACQUISITION OF PROFESSIONAL COMPETENCES THROUGH LEARNING. THE PROFESSIONALIZING APPROACH OF THE INSTITUTE FOR LIFELONG LEARNING OF THE UNIVERSITY OF BARCELONA (IL3-UB) A. Rubio Carbó, N. Serrat Antolí	6279
INTERACTIVE LIGHTING. VIRTUALLY EXPERIENCING THE POSSIBILITIES OF INCIDENCE OF THE THREE PRIMARY COLORS LIGHT OVER DIFFERENT OBJECTS WITH A REAL TIME APPLICATION F. Giner Martínez	6287
DEVELOPMENT OF COPARTICIPATED ASSESSMENT-LEARNING IN THE COMMERCIAL DISTRIBUTION <i>E. Carvajal-Trujillo, M.J. Carrasco-Macías</i>	6297
THE ADVANTAGES OF USING CORPORA IN TEACHING ENGLISH AS A FOREIGN LANGUAGE M. Duruttyova	6304
ANALYSIS OF MICROBLOGGING APPLICATIONS AS UNIVERSITY TEACHING TOOLS F. Liebana-Cabanillas, M. Martinez-Fiestas, F. Rejon-Guardia	6309
THE CONSTRUCTION OF "ARTIFACTS", PHYSICAL HAND MADE DEVICES, AS AN EDUCATIONAL METHOD IN CIVIL ENGINEERING J. Bernabeu Larena, A. Berrocal Menárguez, M. Aguiló Alonso	6315
EDUCATIONAL OBJECTIVES IN VIDEO GAMES: USING THEORIES OF EDUCATIONAL SCIENCE TO INFORM INSTRUCTIONAL VIDEO GAME DESIGN FOR NON-EDUCATIONAL GAMES L.M. Guay, D. Godin	6323
BUILDING A NEW METHODOLOGICAL SCENARIO USING VIRTUAL LEARNING ENVIRONMENTS IN HIGHER EDUCATION <i>A. Soler Dominguez, J.C. Matallin Saez, F. Felip Miralles</i>	6331
CIRCUS CHILDREN FROM THEIR SOCIAL REPRESENTATIONS: INVISIBLE IDENTITY FOR THE EDUCATIONAL SYSTEM IN MEXICO	6336
R. Méndez Alcantar, S.J. Alejo-López, G.M.L. Ruiz-Aguilar, C. Cervera-Delgado, C.H. Herrera-Méndez TEAMWORK AND COOPERATION AS STRATEGY FOR ACTIVE LEARNING: EXPERIENCE ON A FINANCIAL MANAGEMENT COURSE J.C. Matallin Saez, A. Soler Dominguez	6342
INNOVATION COMPETENCE BAROMETER ICB – A TOOL FOR ASSESSING STUDENTS' INNOVATION COMPETENCES AS LEARNING OUTCOMES IN HIGHER EDUCATION T. Penttilä, L. Kairisto-Mertanen	6347
LEARN BETTER BY APPLYING; A 5-YEAR EXPERIENCE OF TEACHING V. Perea Medina	6352
GENDER STEREOTYPES AND TERTIARY EDUCATION: DIFFERENCES IN ACCESS REGARDING EDUCATION LEVELS AND DIFFERENCES IN ADVERTISEMENT CAREER M. Navarro Beltrá, Y. Gómez, M. Martín Llaguno	6362
IMPORTANCE OF TERRAIN ENGINEERING IN THE CIVIL ENGINEERING CURRICULA: OPPORTUNITIES AND THREATS OF THE NEW PLANS OF STUDY I. Menéndez Pidal, E. Sanz Pérez	6372

ENHANCING LEARNING AND THE UNDERGRADUATE EXPERIENCE OF LATIN AMERICAN POPULAR CULTURE D. Rivas-Bahti, M.A. Macias De La Luz, R. Mendoza-Farías	6377
FIGHTING BIOPIRACY AT THE SOURCE: SENSITIZING INDIGENOUS COMMUNITIES TO WESTERNIZED INTELLECTUAL PROPERTY RIGHTS AND THE THREAT OF BIOPIRACY J.M. Staral, J.A. Sekerak	6381
THE ATTRACTIVENESS OF TEACHING CAREER: TOWARDS DEVELOPING NATIONAL AND EUROPEAN POLICIES P. Lisievici	6391
LANGUAGE EDUCATION POLICY AND CULTURAL TRANSMISSION IN LITHUANIAN CONTEXT T. Bulajeva	6398
AN APPROACH ON REMOTE LABORATORIES USING MATLAB WEB SERVER AND EASY JAVA SIMULATIONS <i>R. Crespo, R. Barber, C. Monje, M. Malfaz</i>	6408
ADVERTISING IN CRISIS. A COMPARISON OF THE PERCEIVED SECTORIAL PERFORMANCE BETWEEN THE EDUCATION AND THE PROFESSIONAL SECTOR <i>M. Martín Llaguno, S. López Berna, Y. Gómez</i>	6418
INTERNET: A TOOL TO DEVELOP TRANSLATING COMPETENCE R. Ferrer Méndez, G.G. Quijano Zavala, R.A. May Melendez	6423
AN INTEGRATED PLATFORM OF SOCIAL ABILITY FOR PERSON WITH AUTISM SPECTRUM DISORDERS F. Mesatfa-Fessy, J. Fessy, E. Cappe, J.L. Adrien	6429
BETWEEN FACTS AND MODELS: EXPERIMENTAL PHYSICS DEMONSTRATIONS AS A TEACHING RESOURCE AT THE UNIVERSITY OF VALENCIA C. Ferrer-Roca, A. Cros Stotter, D. Martínez, N. Garro, M.J. Hernández, R. Pedrós, E. Valor, J. Zúñiga, R. Cases, F. Silva	6436
INFORMATION- AND COMMUNICATION TECHNOLOGY (ICT) AND THE GENDER ISSUE <i>C. Tømte</i>	6444
3D MODEL OF THE JAW APPLIED TO PEDIATRIC DENTISTRY B. Gómez Legorburu, J.R. Mérida Velasco, A. Adanero Velasco, E.M. Martínez Pérez, C. Samarán Saló, J.I. Salmerón Escobar, P. Planells del Pozo	6452
IMPLEMENTATION OF A CHESS PROGRAMME IN A SPECTRUM OF SCHOOLS IN SOUTH AFRICA TO ADDRESS ANALYTICAL LOGIC DEVELOPMENT AND PERSONALITY DEVELOPMENT IN CHILDREN K. Kemm, C. Cloete	6462
LIBRARY À LA CARTE: OPEN SOURCE SOFTWARE FOR LIBRARY RESEARCH GUIDES <i>E. Weinraub Lajoie, M. Mellinger</i>	6471
ORDINARY DIFFERENTIAL EQUATIONS SAMPLE WORKBOOK E. Fautsch, S. Granados	6477
USING ACTIVITY THEORY TO UNDERSTAND HOW USING ROBOTS CAN FOSTER LEARNING OF BASIC CONCEPTS OF PROGRAMMING P. Abrantes, J.F. Matos	6483
NEW YORK SKYPES ITALY: LET'S GET GLOBAL! G. Carloni, F. Franzè	6491
WEB CLASSROOM APPLICATIONS: FROM STUDENTS' GROUPS TO WIKIS F.J. Lena Acebo, M.E. Garcia-Ruiz	6501
PRECLINICAL TRAINING IN PEDIATRIC DENTISTRY: TRADITIONAL TEACHING VERSUS INSTRUCTIONAL VIDEOS J. de Nova García, G. Saavedra Marbán, N. Gallardo López, R. Mourelle Martínez, G. Feijóo García, C. González Aranda, P. Cuesta Ávaro	6507
TEACHING/LEARNING MATHEMATICS IN A FOREIGN LANGUAGE: INTRODUCING CLIL IN ITALY	6516
F. Favilli, L. Maffei, R. Peroni PREPARING HIGHER EDUCATION STUDENTS FOR THE SERVICE ECONOMY	6522
J. Vuori, T. Kaski QUALITY FEEDBACK ENHANCEMENT IN UNDERGRADUATE FIRST YEAR BLENDED LEARNING R. Gurbutt, D. Gurbutt	6531

IMPACT OF TECHNOLOGY IN ONE DISSERTATION: DATA COLLECTION TO ANALYSIS TO DISSEMINATION <i>M. Dee, V. Bryan</i>	6537
GET SMART - KEEP STUDENTS ENGAGED WITH LECTURE CAPTURE L. Naffziger, K. Fawson	6548
PHYSIOTHERAPY STUDENTS´ PERSPECTIVES OF THE DEGREE AND THEIR NEAR ACADEMIC AND PROFESSIONAL FUTURE G.V. Espí López, I. Colorado Lluch, M. Jovani Palau, T. Sentandreu Mañó	6555
SELF-REGULATED LEARNING ENHANCEMENT THROUGH SELF-ASSESSMENT ACTIVITIES L. Maffei	6560
AN ALTERNATIVE TO USING WIFI IN CLASSROOMS: CABLE INTERNET ACCESS <i>P. Belmonte Espejo</i>	6569
CHALLENGES AND PROSPECTS OF E-EXAMINATION- THE CASE OF NATIONAL OPEN UNIVERSITY OF NIGERIA C. Nnaka, G. Ezekannagha	6573
CONDITIONING CASH TRANFERS: BIHAR'S BICYCLE SCHEME A. Nayar	6580
CONTRIBUTIONS TO THE PHYSIOTHERAPY DEGREE: SATISFACTION SURVEY OF THE SUBJECT "PHYSIOTHERAPY TREATMENT IN PERIPHERAL NERVOUS SYSTEM INJURIES AND MUSCLE DISEASES" G.V. Espí López, I. Colorado Lluch, M. Jovani Palau, T. Sentandreu Mañó	6586
NEW TEACHING METHOD APPLIED TO THE SUBJECT OF CONCRETE IN CIVIL ENGINEERING DEGREES J.R. Jiménez, J. Ayuso, F. Agrela, A.P. Galvín	6590
MANAGING CHANGE, CREATIVITY AND INNOVATION: IMPROVING MANAGEMENT SKILLS OF THE DIY ARTIST P. Oliver, X. Wu	6600
THREE YEARS OF THE DEVELOPMENT EDUCATION PROGRAMME: DEVELOPMENT EDUCATION AT EDUCATIONAL CENTRES <i>M.L. Ortega Carpio, A.M. Sianes-Castano, M.R. Cordon-Pedregosa</i>	6601
TABLET TECHNOLOGIES FOR DEVELOPMENT: A LONGITUDINAL CASE STUDYFROM A RURAL WEST AFRICAN TELECENTREJ. Shubert	6609
ICT USAGE IN HIGHER EDUCATION: PROPOSITION OF A RELATIONAL MODEL <i>M.A. Iniesta-Bonillo, R. Sanchez-Fernandez, A. Cervera-Taulet, W. Schlesinger</i>	6617
STATEVILLE SPEAKS: A CASE STUDY IN 21ST CENTURY LEARNING <i>T. Stirling, A. Nauman, C. Kobel</i>	6626
STUDENT COOPERATION AND ATTENTION TO FORM IN A COLLABORATIVE WRITING PROJECT (FINAL REPORT) J. Guerra	6632
NEW TRENDS IN ART LANGUAGE TEACHING M. Gacto	6639
THE ROLE OF GENDER, RACE AND ETHNICITY IN THE ADULT ONLINE LEARNING ENVIRONMENT <i>G. Palmer, L. Bowman, P. Harroff</i>	6645
UP THE DOWN STAIRCASE: ADVANTAGES AND DISADVANTAGES OF INTERNATIONAL ACCREDITATION IN BUSINESS SCHOOLS. CASES OF RUSSIA AND KAZAKHSTAN Y. Istileulova	6651
PARENTING EDUCATIONAL STYLES AND CAREER EXPLORATION BELIEFS AND BEHAVIOURS OF PORTUGUESE ADOLESCENTS L. Faria, J. Carneiro Pinto, M. Vieira	6662
DIALOGUE FOR LEARNING: REFOCUSING TEACHER EDUCATION PROGRAMS ON CLASSROOM INTERACTION C. Edwards-Groves, R. Hoare	6671
AN INTERACTIVE MULTIMEDIA CONCEPT FOR TEACHING PRACTICAL SKILLS IN DENTAL EDUCATION – A PILOT PROJECT AND RANDOMISED CONTROLLED TRIAL M. Lemos, A. Hannig, C. Renardy, L.N. Kennes, U. Ohnesorge-Radtke, S. Wolfart, N. Rafai	6681

TEACHING ART AS A THERAPEUTIC METHOD IN PSYCHOMOTOR REHABILITATION <i>M. Gacto, M.L. Gacto</i>	6683
CERORGANIC: IMPLEMENTATION OF A BLENDED-LEARNING TRAINING CONCEPT FOR OA-ADVISERS AND OA-FARMERS <i>M. Moises, M. Obermueller</i>	6688
NEW INTERACTIVE TECHNIQUE LEARNING BASED IN PROBLEMS USED IN THE DEPARTMENT OF BUILDING TECHNOLOGY OF THE POLYTECHNIC UNIVERSITY OF MADRID C. Morón, A. García, E. Tremps, F. Maganto	6698
SOCIAL COMPETENCE IN CAREER: A LONGITUDINAL STUDY WITH PORTUGUESE	6703
ADOLESCENTS J.C. Pinto, M.C. Taveira, A. Candeias, A. Araújo, A.I. Mota, A. Pereira, L. Faria, F. Veiga, A.D. Silva, L. Saavedra, C. Estevão, M.J. Cortes, C. Marques	
IMPLEMENTATION OF A QUALITY MANAGEMENT SYSTEM IN THE LABORATORIES OF TEACHING OF THE CARRERS OF ENGINEERING OF FES ARAGÓN OF UNAM M. Ortiz León, F. Gutiérrez Flores	6710
OVERHAULED R. Lockwood, K. Kaiser	6717
ROBOTS AS LEARNING MEDIATORS IN A VIRTUAL COMMUNITY OF PRACTICE <i>E.A. Santos</i>	6727
BLENDED LEARNING PRACTICES AND THE DEVELOPMENT OF SELF-REGULATED LEARNING: USING ATR CALL TO HELP STUDENTS PREPARE FOR TOEIC TESTS <i>Y. Ishikawa, R. Akahane-Yamada, M. Kondo, H. Hatakeda, N. Wada</i>	6732
EVALUATE THE IMPLEMENTATION OF LEAN STARTUP IN CREATING AN INTERNET SERVICE COMPANY M.A. Pérez	6740
INNOVATIONS IN CURRICULUM DESIGN: A MULTI-DISCIPLINARY APPROACH TO TEACHING ENGLISH TO UNDERGRADUATE STUDENTS S.G. Gómez Jiménez, J.A. Gómez Jiménez, A.C. Lizardo Pérez, J.E. Sánchez Falconi, A.R. Pulido Téllez, M.C. Noguera Miceli, M.C. Sandoval Caraveo, C. Ponce Sánchez, J.A. García Centurión, I. Ochoa Valenzuela	6745
WHAT CONSTITUTES AN EFFECTIVE ONLINE LEARNING EXPERIENCE FOR MATHEMATICS STUDENTS? H. Khiat	6754
UNDERSTANDING THE GLOBAL WORLD THROUGH EXPERIENTIAL LEARNING M. Dono-Koulouris	6761
USE ITEM RESPONSE THEORY AND EXPECTATION MAXIMIZATION ALGORITHM TO IMPROVE THE RELIABILITY OF AUTOMATED SCORING FOR SHORT ANSWER QUESTIONS IN EARTH SCIENCE T.H. Jen, K.M. Chen, C.D. Lee, H.H. Fu, C.Y. Chang	6767
IMPLEMENTATION OF NEW TECHNOLOGIES IN UNIVERSITY TEACHING J.M. Molines Cano, J. Llinares Millán, A.I. Almerich Chulia	6774
SPACE AND ITS EDUCATIONAL IMPORTANCE IN THE TEACHING-LEARNING PROCESS J. Llinares Millán, A.I. Almerich Chulia, J.M. Molines Cano	6783
DESIGNING AND DELIVERING A POSTGRADUATE EDUCATION IN RESEARCH METHODS TO SUPPORT RESEARCH AND DEVELOPMENT <i>D. Stern, B. Mcdermott, R. Coe, R. Stern</i>	6789
AIMING TOWARDS LIFE LONG LEARNING BY ADDING AN ECAMPUS TO A KENYAN UNIVERSITY D. Stern, B. Ogange, M. Ayere, R. Kim	6797
MECHANICAL ENGINEERING CURRICULUM BY PROPAEDEUTIC CYCLES. AN INTEGRATED AND INCLUSIVE PROPOSAL Y. Acuña, V. Ruiz	6808
COLLABORATIVE PLATFORM TO SUPPORT THE DEVELOPMENT OF DESIGN PROJECTS FOLLOWING THE CONCURRENT ENGINEERING PRINCIPLES <i>V. Ruiz, J.C. Guevara Bolaños, C. Avila</i>	6817
DISPELLING THE MYTHS ON BILINGUALISM: EFFECT ON BILINGUAL EDUCATION MODELS	6824

G. Helguero-Balcells, L. Buttaro

ESL AND SSL METHODS REVISITED G. Helguero-Balcells, L. Buttaro	6834
OPEN BUSINESS MODELS IN THE TELECOMMUNICATION INDUSTRY; AN INSPIRATION FOR EDUCATION C. De Pablos-Heredero, D. Lopez Berzosa	6838
STORYBOARDING IN THE CLASSROOM: A VIDEO-BASED EXPERIENCE M. Bahloul	6848
MAKING TEACHING THROUGH TECHNOLOGY POSSIBLE AMIDST THE CHALLENGES OF RURAL IMPOVERISHMENT: A CASE STUDY M.N. Mbunyuza-deHeer Menlah	6849
CREATIVE TEACHING OF FOREIGN LANGUAGES IN UKRAINE Y. Rybinska	6850
AN ANALYSIS OF STUDENTS' LEARNING STYLES AND COGNITIVE MASTERY IN BUILDING CONSTRUCTION EDUCATION	6857

M.M. Mohamad, M.R. Rajuddin, M.H. Yee, T.T. Tee