

EDULEARN19 TABLE OF CONTENTS

PRE-SERVICE TEACHERS' ATTITUDES TOWARD THE USE OF DIFFERENT MODES OF REPRESENTATION IN STATISTICS TEACHING AND LEARNING	1
<i>S. Anastasiadou</i>	
INTERNAL REPRESENTATIONS TOWARD EXTERNAL REPRESENTATIONS: THE CASE OF STATISTICAL CONCEPTS	6
<i>S. Anastasiadou</i>	
THE DEVELOPMENT OF THE COURSE EXPERIENCE QUESTIONNAIRE AND REVISED-STUDY PROCESS QUESTIONNAIRE FOR PART-TIME LEARNERS ON BLENDED, VOCATIONALLY RELEVANT, DEGREE PROGRAMMES	10
<i>A. Youde</i>	
AXIOLOGICAL BACKGROUND OF VIETNAMESE STUDENTS ADAPTABILITY	18
<i>S. Kudinov, S. Kudinov, I. Kudinova, H. Chi, S. Kardashova</i>	
GLOBAL EDUCATION CONNECTIONS AND STRATEGIES: DO THESE CONNECT, SHARE OR SEPARATE EDUCATIONAL SYSTEMS?	26
<i>B. Barrett</i>	
THE SCIENTIST' EXPERIENCE IN PARTICIPATED SCIENCE COMMUNICATION	32
<i>G. Mazzitelli, P. Bollafio, G. Burzachechi, I. Capra, G. Ciocca, A. Della Ceca, R. Giovanditti, C. Grasso, D. Maselli, G. Sanzone, F. Spagnoli, M. Tota</i>	
USING INTELLECTUAL CAPITAL MEASUREMENTS IN UNIVERSITIES TO ASSESS PERFORMANCE – EVIDENCE FROM THE ROMANIAN EDUCATION SYSTEM	37
<i>C.R.G. Popescu</i>	
DEMONSTRATING HOW UNIVERSITIES EXTEND VALUE CREATION AND PERFORMANCE: CONVERGENCE BETWEEN INTELLECTUAL CAPITAL CONTRIBUTIONS AND RESEARCH QUALITY – A ROMANIAN COLLECTIVE INTELLIGENCE FRAMEWORK	48
<i>C.R.G. Popescu</i>	
EXPLORING STUDENT PERCEPTIONS OF THE INFLUENCE OF ACTION LEARNING SETS, FOR LARGE LECTURE GROUPS, ON ENGAGEMENT WITH LEARNING	59
<i>K. Williams</i>	
DEMOGRAPHY AS A DERIVATIVE OF EDUCATION – PUBLIC HEALTH ANALYSES FROM BULGARIA	66
<i>D. Vankova</i>	
AN EXPLORATION OF THE POSSIBLE RELATIONSHIP BETWEEN REWARD AND RECOGNITION AND TEACHING EXCELLENCE IN HIGHER EDUCATION	73
<i>M. Warnes</i>	
THE USE OF EDUTAINMENT TECHNOLOGY IN TEACHING ENGLISH AS A SECOND FOREIGN LANGUAGE TO FUTURE TEACHERS	83
<i>A. Dubakov, J. Olar</i>	
CHALLENGES IN TEACHING THE DIFFERENCE BETWEEN PHYSICAL AND NUMERICAL INSTABILITY	87
<i>F. Milano</i>	
JUPYTER NOTEBOOKS FOR COMPUTER-BASED LABORATORIES ON ELECTRICAL ENERGY SYSTEMS	97
<i>G.M. Jónsdóttir, F. Milano</i>	
ON COURSE FOR YOUR MASTERS: AN EVALUATION OF AN OPEN ONLINE LEARNING PROGRAMME IN INFORMATION SKILLS USED BY POSTGRADUATE STUDENTS AT A LARGE AND COMPREHENSIVE UK UNIVERSITY	107
<i>C. Pritchard, E. Newall, S. Speight, S. Tang, C. Gratton, C. Jones</i>	
THE SOCIAL AND PERSONALITY DIMENSION OF EDUCATIONAL EVALUATION	114
<i>I. Szókö, K. Horváth</i>	
STUDYING THE INFLUENCE OF THE BULGARIAN FOLK DANCES ON STUDENTS' OVERALL HEALTH	120
<i>J. Videnova, S. Nikolova, D. Vankova</i>	
SIMULATED PATIENT TRAINING FOR HEALTH ASSESSMENT IN A HIGH-FIDELITY NURSING SIMULATION	127
<i>H.B. Yuan</i>	
NATIONAL LABORATORIES IN THE ECONOMIC SOUTH: A CHANCE FOR HIGH QUALITY GRADUATE EDUCATION	133
<i>J. Jiménez-Guzmán, J.C. Escalante, D. Vargas, R. Ramírez, A. Atzin, L. Munguía, J. Gómez-Martínez</i>	

DEVELOPMENT OF DUAL ENGINEERING PROGRAMS IN CAMBODIA, CHINA, INDIA AND RUSSIA	141
<i>L. Jiménez Esteller, A. Molas, D. Boer, K. Krüger</i>	
CO-CREATION OF TRAINING ACTIVITIES IN RESPONSIBLE RESEARCH AND INNOVATION	145
<i>L. Jiménez Esteller, A. Molas, D. Boer, K. Kruger</i>	
CZECH PRE- AND IN-SERVICE TEACHERS' ATTITUDES TOWARD ROMA STUDENTS	150
<i>M. Benedetti</i>	
RESEARCH NETWORKS CHALLENGES IN A MEXICAN HIGHER EDUCATION INSTITUTION	157
<i>R.A. Gomez Ortiz, H. Necochea Mondragón, L. Rocha Lona</i>	
HIGHER EDUCATION - WHAT IS IT GOOD FOR? KNOWLEDGE OR EMPLOYABILITY	166
<i>M. Crossan, P. Wolstencroft</i>	
TEACHING AND LEARNING THROUGH ADAPTIVE STRATEGIES – A CASE IN HIGHER EDUCATION	170
<i>F. Soares, A.P. Lopes, M.P. Nunes</i>	
VISIONING FUTURES 2.0: STORYTELLING AS CREATIVE RESEARCH AND HOLISTIC EXPERIENCE-ORIENTED METHOD IN PRIMARY EDUCATION	180
<i>S. Looser, I. Fischer, S. Mohr</i>	
EXISTENTIAL ANXIETY AND STUDENT WELL-BEING	188
<i>S. MacMillan</i>	
RECRUITMENT POLICIES IN SPANISH UNIVERSITIES, A CASE STUDY: TEACHING AND RESEARCH QUALITY	195
<i>B. Pascual-Fuster</i>	
MOTIVATIONAL PROJECTS FOR STUDENTS AT TRANSILVANIA UNIVERSITY OF BRASOV, ROMANIA	201
<i>D. Munteanu, A. Nechifor</i>	
NEW PERSPECTIVE FOR EDUCATION: COGNITIVE AND RELATIONAL MEDIATION	209
<i>M. Genis</i>	
DIGITAL ASSISTIVE TECHNOLOGIES FOR AGEING PEOPLE – LEARNING BARRIERS AND EDUCATIONAL APPROACHES	210
<i>N. Helander, M. Weck, T. Meristö</i>	
WORK-INTEGRATED LEARNING AND EMPLOYABILITY. A DIFFERENT PERSPECTIVE ON WORK-INTEGRATED LEARNING	215
<i>A. Ahmadi</i>	
DYSLEXIA AND TYPOGRAPHY: HOW TO IMPROVE EDUCATIONAL PUBLISHING FOR INCLUSIVE DESIGN – A CRITICAL REVIEW	224
<i>L. Bollini</i>	
MENTORING IN EDUCATION. FEMALE ROLE MODELS IN ITALIAN DESIGN ACADEMIC CULTURE	225
<i>L. Bollini</i>	
EXPLORING BLOOMS TAXONOMY FOR ASSESSING SKILLS AND VALUES AT A UNIVERSITY OF TECHNOLOGY	235
<i>E.M. Chweu, A. Mji, S. Simelane-Mnisi</i>	
INFUSING INDIGENOUS KNOWLEDGE SYSTEMS (IKSS) IN TECHNOLOGY EDUCATION: A CASE OF FOOD PROCESSING AND PRESERVATION	243
<i>J. Timire</i>	
FEMALE PRISONER AND PRISONS FOR WOMEN. A FEMINIST LEGAL CRITICAL VIEW ACCORDING TO AN EMPIRICAL-LEGAL DESCRIPTIVE ANALYSIS OF THE RIGHT TO FORMAL EDUCATION IN PRISON	244
<i>D. Serra Castilhos, M. Ribeiro Henriques</i>	
UNDERGRADUATE STUDENT PREFERENCE OF MOBILE LEARNING FEATURES TO MAKE SENSE OF MATHEMATICS	251
<i>C. Williams, J. Johnson</i>	
TEACHING THE ENGLISH FIRST ADDITIONAL LANGUAGE AS A LINGUA FRANCA TO CULTURALLY DIVERSE LEARNERS IN A SOUTH AFRICAN SCHOOL	252
<i>M. Kepe, A.M. Linake</i>	
A ZERO WASTE INTERIOR ARCHITECTURE STUDIO PROJECT	267
<i>D. Hasirci, Z. Edes, S. Anal</i>	

MATHEMATICAL COURSES ON CHILDREN'S UNIVERSITY AT FACULTY OF EDUCATION <i>L. Honzik, J. Frank</i>	277
VAN GOGH'S "OLIVE TREE WITH YELLOW SKY AND SUN", MATHEMATICS AND ORIGAMI <i>M.L. Spreafico, E. Tramuns</i>	284
SAVEIT: A SMART ARCHIVE FOR IT SENIOR PROJECTS <i>R. Alotaibi, R. Alufi, K. Alamoudi, R. Alghandi, S. Sami, M. Almarie</i>	294
THE METHODOLOGICAL DIGITAL COMPETENCE DEVELOPMENT IN CLASSROOM. PRESCHOOL AND PRIMARY TEACHERS' PERCEPTIONS: FACILITIES AND BARRIERS <i>N. Carrasco, M.A. Prats, E.S. Ojando, J. Simón</i>	302
SHATTERING STUDENT PERCEPTIONS AND RESISTANCE: ADOPTING NEW NOVEL STUDENT-CENTERED LEARNING METHOD <i>L. Naamati-Schneider, A. Meirovich, N. Dolev</i>	311
A CONCEPTUAL FRAMEWORK FOR EFFECTIVE TUTORS AND TUTORING WITHIN A BLENDED LEARNING CONTEXT <i>A. Youde</i>	317
CROSS-CULTURAL EXCHANGE IN DESIGN EDUCATION BETWEEN JAPAN AND TURKEY <i>D. Hasirci, K. Yanagisawa</i>	324
CREATING COMMUNITY IN ONLINE LEARNING: A CASE STUDY OF THE OPEN UNIVERSITY UK <i>J. Baxter</i>	331
PROCESS MAPS FOR A RESEARCH GROUP IN MATERIALS SCIENCE AT THE UNIVERSITY OF THE BASQUE COUNTRY (UPV/EHU): TEN-YEAR EVOLUTION <i>G. Barandika, B. Bazán, M.K. Urriaga, A. Davalillo</i>	338
WHO IS THE BOSS? ACADEMIC AND LABOUR RESPONSIBILITIES IN THE CASE OF UNDERPERFORMING DOCTORAL CANDIDATES <i>G. Barandika</i>	345
TEACHER PERCEPTION OF OBSTACLES AND OPPORTUNITIES IN THE INTEGRATION OF PROGRAMMING IN K-12 SETTINGS <i>N. Humble, P. Mozelius</i>	350
EXPLORING BARRIERS TO THE DIGITALIZATION OF SCHOOLS: A MANAGERIAL BLAME-GAME WITH FOUR DIMENSIONS <i>L. Svensson, S.M. Babaheidari</i>	357
INTENSIFICATION METHODS IN TEACHING A SECOND FOREIGN LANGUAGE <i>M. Kaskova, N. Chernova, O. Ustinova</i>	358
DIDACTICS ENVIRONMENT AS A METHOD OF PROMOTING MOTIVATION <i>M. Kaskova, N. Chernova, O. Ustinova</i>	368
ENGLISH LANGUAGE DEVELOPMENT OF LATINO STUDENTS IN A PRE-KINDERGARTEN PROGRAM <i>R. Green, M. Kouassi, B. McKie, J. Manswell Butty, G. Reed, N. Thompson</i>	375
"DEAF INTERPRETER" – SCENARIO FOR TEACHING RUSSIAN-ENGLISH CONSECUTIVE INTERPRETATION IN A GAME WAY <i>Y. Alyunina</i>	385
THE NEW CURRICULUM OF THE DESIGN COURSE OF THE SCHOOL OF ARCHITECTURE AND URBANISM AT THE UNIVERSITY OF SÃO PAULO, BRAZIL. FLEXIBILITY IN HIGHER EDUCATION AND INTEGRATION OF KNOWLEDGE <i>C. Aun Bertoldi, P. Lena Farias, D. Dantas</i>	392
EMPLOYABILITY AND HIGHER EDUCATION: THE CASE STUDY OF ESTM MASTER'S DEGREE <i>A. Viana, S. Pais, A. Sousa, M. Schön</i>	399
VOCATIONAL TEACHING: USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES BY STUDENTS IN THE CLASSROOM <i>A. Sousa</i>	408
IMPROVING ABORIGINAL CARE TOGETHER - AN EDUCATIONAL INITIATIVE <i>M. Arnold-Chamney, J. Perry</i>	413
MODULAR RUBRICS AS A BUILDING BLOCK OF CONSISTENT ASSESSMENT <i>J. Perry, M. Arnold-Chamney</i>	419

MIND THE GAP – E-TRANSITIONING TO UNIVERSITY	426
<i>K. Pond, M. Kinderkhedra</i>	
WHO WANTS TO BE A PERFECT ANALYST - A GAME-BASED LEARNING	427
<i>P. Peres</i>	
USING QR CODES IN DENTAL PRACTICE	434
<i>N. Kafadarova, S. Stoyanova-Petrova, N. Mileva, D. Stoyanova</i>	
HIGHER EDUCATION GOVERNANCE: THE HIDDEN AGENDA FOR CONFLICT OF INTEREST WITHIN AN EXTENDED MANAGEMENT COMMITTEE	440
<i>J.S. Wessels, E. Sadler</i>	
MULTICULTURAL TEACHER EDUCATION: CRITICAL THINKING SKILLS FOR MIGRANTS AND REFUGEES	441
<i>F. Ricci</i>	
THE STRUCTURE AND PATHS OF MALCOLM BALDRIGE NATIONAL QUALITY AWARD (MBNQA) DIMENSIONS APPLIED IN GREEK TERTIARY EDUCATION SYSTEM	455
<i>S. Anastasiadou, E. Taraza</i>	
LEARNING ANALYTICS TO SUPPORT STUDY SUCCESS BASED ON A SMALL PRIVATE ONLINE COURSE	464
<i>A.P. Lopes, F. Soares</i>	
SERVICE-LEARNING PROJECT IN KENYA: SOME SURPRISING RESULTS ON RESILIENCE AND EMOTIONAL INTELLIGENCE	472
<i>M. Ciesielkiewicz, G. Nocito</i>	
THE IMPACT OF STRATEGIES-BASED INSTRUCTION ON EFL LEARNERS' SPEAKING PERFORMANCE	478
<i>T. Zargaryan, A. Arakelyan</i>	
PROMOTING THE DEVELOPMENT OF A RESILIENT PERSONALITY IN A UNIVERSITY ENVIRONMENT THROUGH THE PRACTICE OF MINDFULNESS	486
<i>L. Lackova, T. Kimplova, C. Pérez Dueñas, A. Reina Giménez</i>	
INTEGRATING WORKSHOP EXERCISES WITH CLASS BASED LEARNING IN AN EFFORT TO PROMOTE UNDERSTANDING	493
<i>C. Broderick, E. Bates</i>	
A CULTURAL "JOURNEY": AMERICAN INDIAN & ALASKA NATIVE 11TH AND 12TH GRADE HIGH SCHOOL STUDENTS EXPERIENCE THE WORLD OF RESEARCH	498
<i>C. Dodge-Francis</i>	
BLENDED LEARNING - INDIVIDUALIZED EDUCATION THAT INCLUDES ALL STUDENTS AND COMBINES PRINTED AND DIGITALIZED STUDY MATERIAL	503
<i>S. Savvidou, A.L. Häggström</i>	
EXPLORING ACCESSIBILITY TO INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) AT DISADVANTAGED SECONDARY SCHOOLS IN GAUTENG PROVINCE- SOUTH AFRICA	507
<i>G. Chisango, C. Lesame</i>	
HOW TO SELECT THE BEST APPLICANT FOR HEALTH PROFESSIONAL PROGRAMS?	513
<i>O. Bart</i>	
SPELLING PERFORMANCE BY SPANISH PRIMARY STUDENTS USING ENGLISH AS A SECOND LANGUAGE: ANALYSIS OF THE MOST COMMON MISTAKES	514
<i>S. Antropova, F. Colt, M. Lafita</i>	
THE AMITY EXPERIENCE: BENEFITS OF TEACHER TRAINING ABROAD	523
<i>S. Antropova, F. Colt</i>	
PRE-SERVICE TEACHERS' PERCEPTIONS TOWARD LEADERSHIP REGARDING THE MBNQA MODEL	533
<i>S. Anastasiadou, E. Taraza</i>	
EXPLORING THE COLLABORATIVE POTENTIAL OF TABLET DEVICES IN HOME AND SCHOOL SETTINGS	544
<i>M. Peter, L. Morgan</i>	
EXPOSURE TO TRAUMATIC EVENTS AND PTSD AMONG UNDERGRADUATE STUDENTS IN A DEVELOPING COUNTRY: POTENTIAL IMPACT ON EDUCATIONAL ATTAINMENT	545
<i>A. Padmanabhanunni</i>	
DYNAMICS OF REGULATION POLICY AND ARTIFICIAL INTELLIGENCES: REGULATING DISTANCE LEARNING AND UNIVERSITIES IN GREECE	546
<i>G. Gantzias</i>	

DIGITAL GLOBALISATION OF KNOWLEDGE AND THE IMPACT ON HIGHER EDUCATION IN SOUTH ASIA	547
<i>M. Rab, S. MacDonald, N. Riaz</i>	
CONSTRUCTION OF SCALE MODELS IN INDUSTRIAL DESIGN: THE IRRUPTION OF ADDITIVE MANUFACTURING. RUBRICS PROPOSAL FOR AN OBJECTIVE EVALUATION	558
<i>F. Felip, J. Gual</i>	
PACKAGING DESIGN: LEARNING THROUGH FICTIONAL CASES OR REAL CASES? COMPARATIVE STUDY OF STUDENT PERFORMANCE OVER 8 ACADEMIC YEARS	566
<i>F. Felip, J. Gual, M.L. García</i>	
CHALLENGE-BASED LEARNING AND GAME-BASED LEARNING TO IMPROVE MATHEMATICAL COMPETENCIES: AN ITALIAN CASE STUDY IN SECONDARY SCHOOL	571
<i>R. Capone, M.R. Del Sorbo, A. Pisa, M. Trerotola</i>	
A COMPUTER-AIDED BLENDED LEARNING TOOLBOX TO REINFORCE NUMERICAL CONCEPTS FOR SCIENCE EDUCATION IN A FLIPPED-CLASSROOM ENVIRONMENT	579
<i>J.S. Jeong, D. González-Gómez</i>	
PLAGIARISM SYNDROME – TOWARDS A COMMON UNDERSTANDING	585
<i>T. Hungwe</i>	
THE EFFECT OF MUSIC ISLAND (COMPUTER PROGRAM) ON THE DEVELOPMENT OF MUSICAL ABILITIES IN SCHOOL MUSIC LESSONS	589
<i>N. Szabó, M. Janurik, K. Józsa</i>	
GEOBRARY: DEVELOPMENT ON MOBILE DEVICES OF USEFUL TOOLS FOR GEOLOGY TEACHERS AND STUDENTS	600
<i>E. Mayoral Alfaro, J.C. Fdez. Caliani, A.A. Santos, A. Campina López</i>	
VISUALIZATION METHOD OF EDUCATIONAL INFORMATION OF THE ENGLISH LANGUAGE GRAMMAR COMMUNICATIVE TEACHING IN A NON-LINGUISTIC UNIVERSITY	609
<i>E. Chirkova, E. Chernovets, E. Zorina</i>	
STUDENT PERFORMANCE AND TEAM SELECTION: THE INFLUENCE OF SOCIAL CAPITAL AND MIGRATORY BACKGROUND	614
<i>S. Schmucker, S. Häselser</i>	
WE ENERGY GAME: PROMOTING GAME-BASED LEARNING AS AN INNOVATIVE STRATEGY TO EDUCATE ON ENERGY TRANSITION	625
<i>T. Ouariachi, F. Pierie, W.J.L. Elving</i>	
EXPERIENCES IN THE DEVELOPMENT OF A COMPUTER NETWORKING COURSE	629
<i>M. Mollar, R. Chalmeta, S. Sanchez</i>	
INFORMATION SYSTEMS ANALYSIS AND DESIGN COURSE FOR COMPUTER ENGINEERING	634
<i>R. Chalmeta, M. Mollar, S. Sanchez</i>	
LIFE MODELS OF STUDENTS IN EDUCATIONAL AND FAMILY SPHERE: THE INFLUENCE OF PARENT FAMILY	639
<i>N. Moskvoicheva, S. Kostromina, N. Grishina, E. Zinovieva</i>	
CAN THE SDGS HELP TO ESTABLISH RESEARCH-SCHOOL COLLABORATION?	649
<i>K. Ulbrich, O. Schweiger, J. Settele</i>	
OPEN CONTENT DEVELOPMENT (OCD) IN THE PRACTICE OF TEACHERS' TRAINING	650
<i>A. Benedek, G. Molnár</i>	
ESTABLISHMENT OF A HUB-IOT APPLIED IN BUILDING ACADEMIC COMMUNITIES	656
<i>N. Beltran Alvarez, L.J. Ramirez Lopez, A. Rodríguez Garcia</i>	
THE DIGITALIZATION OF SOUTH AFRICAN HIGHER EDUCATION TO SUPPORT LEARNING: ARE STUDENTS FACING A DILEMMA?	666
<i>M. Adane</i>	
DEVELOPMENT PROJECT IN THE CZECH REPUBLIC TO IMPROVE THE QUALITY OF PRE-SCHOOL EDUCATION	674
<i>R. Wildova, J. Ronkova</i>	
FROM TERMOGRAF TO THERMONATOR: DESIGN AND DEVELOPMENT OF AN APP FOR E-LEARNING BASED ON PROBLEMS IN THE FIELD OF THERMAL ENGINEERING	681
<i>A. Martínez-Gracia, T. Gómez, J. Pallarés, S. Usón, A. Del Amo, P. Lisbona, J. Uche, A.A. Bayod-Rújula, I. Arauzo, C. Cortés</i>	

DETERMINANTS OF UNIVERSITY-BUSINESS COOPERATION – A LUBLIN CASE STUDY <i>M. Jakubiak</i>	687
THE SPECIFICS OF SCHOOL MANAGEMENT IN THE INSTITUTION AS ONE LEGAL ENTITY - CZECH EXAMPLE <i>B. Petří Puhrová</i>	694
SUSTAINABLE DEVELOPMENT AND PRO-ECOLOGICAL EDUCATION IN THE OPINION OF STUDENTS OF MANAGEMENT <i>M. Jakubiak, M. Cholewa-Wiktor, A. Sitko-Lutek</i>	700
INFUSION OF SKILLS FOR UNDERGRADUATE SCHOLARSHIP INTO TEACHER EDUCATION: TWO CASE STUDIES IN NEW YORK AND FLORIDA <i>T. Szecsi, J. Szilagyí</i>	706
CHALLENGES AND PROSPECTS IN COMPUTER SCIENCE CURRICULUM DEVELOPMENT- A CASE STUDY AT SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY <i>T. Hungwe, S. Seeletse, T. Dandadzi</i>	707
AFFECTIVE AND COMPETENCE ANALYSIS OF THE TEACHING/LEARNING OF SCIENCES IN PRIMARY SCHOOL FROM THE PERSPECTIVE OF THE TEACHER IN TRAINING <i>G. Martínez-Borreguero, M. Mateos-Nuñez, F.L. Naranjo-Correa</i>	714
ANALYSIS OF THE EMOTIONS OF SECONDARY SCHOOL STUDENTS IN STEM AREAS <i>G. Martínez-Borreguero, M. Mateos-Nuñez, F.L. Naranjo-Correa</i>	724
DEVELOPING AN ENTREPRENEURIAL COACHING CLINIC THROUGH A CO-CREATIVE STUDENT ENGAGING LEARNING PROCESS. CASE - ARCADA COACHING CLINIC <i>S. Fabricius, C. Tigerstedt, M. Klynhout, V. Strols</i>	734
A EUROPEAN EDUCATIONAL MATH PROJECT - COMPARATIVE NEEDS ANALYSIS IN PARTNER INSTITUTIONS <i>K. Brown, A. Uukkivi, F. Soares, A.P. Lopes, A. Cellmer, C. Feniser, C. Rebolgar, C. Varela, E. Bravo, E. Safiulina, G. Kelly, J. Bilbao, J. Cymerman, M. Lañónina, O. García, O. Labanova, V. Bocanet</i>	742
CREATING CONNECTIONS BETWEEN STUDY AREAS IN ONLINE PLATFORMS - ELEARNING: UCINET PRACTICAL APPLICATION <i>R.G. Chivu, I.C. Popa, O.E. Platon, G. Orzan, D.A. Stoica</i>	750
HOW IN-CLASS ELECTRONIC COLLECTION OF STUDENT EVALUATIONS IS PROVIDING TEACHERS AND MANAGERS WITH BETTER INFORMATION FOR THE DEVELOPMENT OF TEACHING <i>N. Byrne, H. Cowley, S. Speight</i>	755
EDU-ARCTIC COMPETITIONS AS AN EFFECTIVE WAY TO INCREASE STUDENTS' INTEREST IN STEM <i>A. Goździk, L. Mortensen, T. Juńczyk</i>	765
CITIZEN SCIENCE INITIATIVE FOR SCHOOLS: EDU-ARCTIC MONITORING OF METEOROLOGICAL AND PHENOLOGICAL PARAMETERS <i>A. Goździk, P.E. Aspholm, H.K. Wam, T. Wawrzyniak, A. Wielgopolan</i>	776
CLOSING THE LEAK: KEEPING LATE-DECIDING STUDENTS IN THE PIPELINE TO BIOMEDICAL RESEARCH CAREERS <i>M. Foroozesh, K. Morgan, T. Coston, C. Wilkins-Green, A. Billizon</i>	786
EDUCATIONAL MODEL OF SOCIO-CULTURAL ENVIRONMENT IN MUSEUM PEDAGOGY <i>E. Polyudova, E. Olesina</i>	792
CROSS-CULTURAL TRAINING PROGRAMS INTEGRATION WITHIN THE MODEL OF MULTICULTURAL PERSONALITY DEVELOPMENT <i>S. Suworova, T. Khilchenko, L. Ponomareva, N. Gan, K. Obukhova</i>	798
READING INTERNATIONAL CONTROVERSIES THROUGH POSTCOLONIAL AND FORENSIC PRINCIPLES <i>T. Anderson</i>	804
BOOK CLUB WITHIN A BOOK CLUB: A REVOLUTIONARY USE OF LITERACY TO ENGAGE INCARCERATED YOUTH IN VIRTUAL TECHNOLOGY PROJECT <i>J. Kelly, L. Mitchell</i>	811
A BURST OF CREATIVITY: THE TEACHER EFFICACY THAT PRESERVICE TEACHERS MAKE WHEN WORKING IN SERVICE LEARNING ENVIRONMENTS WITH LITERACY CONNECTIONS <i>L. Mitchell</i>	816

EXPLORE THE EFFECTIVENESS OF THE TEACHING APPROACHES DURING ENGLISH COMPREHENSION LESSONS <i>A.M. Linake</i>	817
HEALTHCARE STUDENTS AND ELECTRONIC PATIENT RECORDS: CUT, COPY AND PASTE? <i>K. Wilson, S. Pontefract</i>	826
TRANSFERRING THE PLASTIC-FREE FORESTRY SCHOOL ENVIRONMENTAL EXPERIENCE TO THE CLASSROOM AS A COMPONENT OF ENVIRONMENTAL EDUCATION IN HIGHER EDUCATION: A CASE STUDY <i>J.V. López</i>	830
APPLYING INSTRUCTIONAL TECHNOLOGY TO ACHIEVE BORDERLESS ONLINE EDUCATION <i>M. Milakovich</i>	836
FLIPPED LEARNING IN A MARINE ENGINEERING SCHOOL. A SUCCESS STUDY <i>R. Pérez Fernández, D. Díaz, J.L. Morán, R. D'Amore, A. Villalba, T. Leo</i>	844
ICT CURRICULA IN SCHOOLS IN THE UAE <i>N. Al-Qirim, Y. Alhamadi</i>	849
ASSESSMENTS OF THE CIVIL ENGINEERING PROGRAM USING THE NEW ABET ACCREDITATION CRITERIA <i>A. Al-Harthly, M. Waris, A. Sana</i>	861
THE FLIPPED CLASSROOM AS A VARIANT OF BLENDED LEARNING IN THE PROCESS OF MULTICULTURAL PERSONALITY DEVELOPMENT <i>T. Khilchenko, S. Suvorova, I. Blyasova</i>	868
EFFECTIVE VIRTUAL TEAMWORK DEVELOPMENT IN HIGHER EDUCATION: A SYSTEMATIC LITERATURE REVIEW <i>A.I. Jony, E. Serradell-López</i>	873
TEACHING STRATEGIES IN PREGRADUATE TEACHER TRAINING OF TECHNICAL SUBJECTS <i>P. Brečka, M. Valentová</i>	883
EVALUATION OF TEACHING STRATEGIES FOR CRITICAL THINKING DEVELOPMENT IN THE SUBJECT OF TECHNOLOGY <i>M. Valentová, P. Brečka</i>	890
LISTENING TO OUR BEST: MAKING WAY FOR PASSIONATE VETERAN TEACHERS TO MODEL AND LEAD EXCELLENCE IN EFFECTIVE TEACHING, LEARNING, AND ASSESSMENT <i>D. Meister, P. Prout</i>	896
ABOUT ASSESSING THE LEARNING OF STUDENTS WITH DYSCALCULIA <i>M.I. Garcia-Planas, M.V. Garcia-Camba Vives</i>	904
ENJOYABLE LEARNING OF PROGRAMMING VIA MUSIC <i>I. Lavy</i>	912
PROPER PROGRAMMING STYLE - RIGHT FROM THE BEGINNING <i>I. Lavy, R. Rashkovits</i>	923
AXIOLOGICAL ASPECTS OF ACADEMIC CHARISMA <i>M. Blašková, D. Hriníková</i>	924
COMPARATIVE FINDINGS FROM DATA LITERACY SURVEY IN THREE BULGARIAN UNIVERSITIES <i>T. Todorova, M. Garvanova, M. Peteva, V. Avramova</i>	932
BLENDED SOLUTIONS FOR TEACHING ENGLISH FOR SPECIFIC PURPOSES <i>E. Stankova</i>	941
HOW CAN WE DEVELOP AND UTILIZE THE WORK PLACEMENT LEARNING AND SHARING THROUGH STUDENT'S PLACEMENT BLOGS AND PODCASTS? <i>C. Tigerstedt, S. Fabricius</i>	948
TRANSLATIONAL BLOGGING: A BIDIRECTIONAL COMMUNICATION BETWEEN THE CLASS AND SOCIETY <i>A. Magnet, S. Fenoy, C. Hurtado, M.D. Ollero, E. Nistal, S. Angulo, R. Laguna, P. Jimenez, F. Llinares, M. Robas, A. Peña-Fernández, F. Izquierdo, C. Del Aguila, M.J. Pozuelo</i>	956
"GETTING REAL" WITH ACTION RESEARCH IN TECHNOLOGY-MEDIATED TASK-BASED LANGUAGE TEACHING (TBLT): A PROPOSITION, A MAP AND THREE CASE STUDIES <i>J. Lievens</i>	964

LECTURERS' ICT USE AT COLOMBIAN UNIVERSITIES	971
<i>E. Melo, J. Llopis, J. Gasco, R. González</i>	
EXPERIMENTAL LEARNING & REFLECTION: HOW IT PROMOTES COMPETENCE DEVELOPMENT IN BUSINESS EDUCATION	977
<i>A. Perusso</i>	
INTEGRATED TECHNICAL/VOCATIONAL TRAINING IN SECONDARY SCHOOL: DEVELOPMENT OF AN INNOVATIVE CURRICULUM	978
<i>F. Yamamoto</i>	
UNDERSTANDING THE AFFORDANCES AND CONSTRAINTS OF USING VIRTUAL REALITY IN DISTANCE LEARNING	982
<i>L. Kizilkaya, D. Vince</i>	
THE EFFECT OF PRACTICAL WORK AND MOTIVATION ON STUDENTS' DESIRE TO STUDY STEM SUBJECTS	990
<i>I.K. Vorsah Amponsah, D. Addo-Mensah, M. Anokye, R. Babah, I. Etsiwah</i>	
THE RELATIONSHIP BETWEEN PERSONALITY AND INTERNET ADDICTION AMONG PRE-SERVICE TEACHERS	1000
<i>S. Dobešová Cakirpaloglu, J. Kvintová</i>	
OPTICAL SMOKE DETECTOR: AN APPROACH TO SEMICONDUCTORS FIELD FOR HIGH LEVEL EDUCATION STUDENTS	1007
<i>S. Porcar-García, J. González-Cuadra, J.J. Mateu, P. Serna-Gallén, M. Fortuño-Morte, H. Beltrán-Mir, E. Cordoncillo</i>	
COST ACCOUNTING IN PUBLIC UNIVERSITIES IN POLAND AND THEIR INFORMATION NEEDS IN THIS FIELD – RESULTS OF OWN SURVEY RESEARCH	1014
<i>D. Moskwa-Bęczkowska</i>	
E-DUCATION PLATFORM IN A CLASSROOM CONTEXT	1023
<i>L. Dias, F. Soares, V. Carvalho, C. Leao</i>	
HOWULEARN AND OODIKONE AS TOOLS FOR ENHANCING LEARNING AND PROGRESS IN ACADEMIC STUDIES	1033
<i>H.R. Kymäläinen, M. Luukkainen, I. Södervik</i>	
THE UNDERGRADUATES' UNDERSTANDING ABOUT TEACHING PRACTICES IN THE TECHNOTEACHING DISCIPLINE CONTEXT	1038
<i>L. de Lima, R.C. Loureiro, G. Teles, B. Aguiar</i>	
BRIDGING THE GAP BETWEEN FEMALES OF COLOR IN GRADES 3-8 AND STEM: A HERMENEUTIC PHENOMENOLOGICAL STUDY	1046
<i>V. Truong</i>	
BALANCED TEACHING: STRATEGICALLY MAXIMIZING EVERY MOMENT OF INSTRUCTION TO ENHANCE STUDENT LEARNING AND PERFORMANCE	1047
<i>M. Kammer</i>	
NOMINAL GROUP TECHNIQUE GUIDING ACTION RESEARCH: ACCREDITATION OF SKILLS PROGRAMMES IN A COMMUNITY LEARNING CENTRE	1054
<i>C. White, M. Makanatleng</i>	
MODERN RUSSIAN YOUTH IN THE INSTITUTIONAL SPACE OF HIGHER PROFESSIONAL EDUCATION	1062
<i>V. Gnevasheva</i>	
SYNERGY OF VR AND 3D PRINTING: EMERGING TECHNOLOGIES FOR INNOVATIVE TEACHING IN MATHEMATICS AND MEDICINE	1066
<i>B. Lazarevic</i>	
DOES COURSE DESIGN INCREASE OR DECREASE STUDENT STRESS? THE EXPLORATION OF CONTEXT AND STUDENT PERCEPTION OF LEARNING STRESS IN ONLINE AND TRADITIONAL LEARNING ENVIRONMENTS	1067
<i>B. Lazarevic</i>	
SAN DIEGO STATE UNIVERSITY – GEORGIA: INTRODUCTION OF ACCREDITED AMERICAN STEM DEGREE PROGRAMS IN THE REPUBLIC OF GEORGIA	1068
<i>H. Guven</i>	
CAN A SOLUTION BE FOUND USING INFORMATION AND COMMUNICATION TECHNOLOGY GADGETS IN HIGHER EDUCATION? A CASE OF A RURAL UNIVERSITY	1079
<i>N. Marongwe, M. Mbodila, G. Chisango</i>	
FACTORS INFLUENCING STUDENT ENGAGEMENT IN HIGHER EDUCATION CONTEXT	1089
<i>H.C. Nguyen</i>	

ACCREDITATION OF SKILLS PROGRAMMES THROUGH ACTION RESEARCH <i>M. Makanatleng</i>	1097
OPEN AIR LESSONS – MYTH OR NOT... <i>N. Nikolova, E. Stefanova</i>	1098
OVERCOMING THE BARRIERS IN TEACHER-PARENT COMMUNICATION <i>E. Stefanova, N. Nikolova</i>	1107
DIFFERENTIATED INSTRUCTION AND ANTI-RACIST EDUCATION IN EFL LESSON PLANNING AND TEACHING. THE CASE STUDY OF ALICE WALKER'S "IN SEARCH OF OUR MOTHERS' GARDENS" IN AN EFL CLASSROOM <i>C. Tziouvara, S. Kaldi, V. Goufina</i>	1117
DIMENSIONS OF INTERPERSONAL TEACHERS' SKILLS IN SCHOOL ENVIRONMENT <i>R. Petani, N. Krajinović</i>	1126
THE IMPACT OF STUDENT RESPONSE SYSTEM (SRS) IN ENHANCING NURSING STUDENTS' ENGAGEMENT IN A LECTURE-BASED ENVIRONMENT: A MIXED-METHOD STUDY <i>S.L. Wong, S.Y. Yau, S.H. Yip</i>	1137
THE FOREST AND CLIMATE CHANGE: EXAMPLE OF APPLICATION IN OPEN SCIENCE SCHOOLING <i>L. Mulero, M.D. Grau, I. Torra</i>	1144
THE AUXIN PROJECT THROUGH THE HERMENEUTIC LENS: DOES IT CONTRIBUTE TO THE VISION AND MISSION OF A CENTRE FOR TEACHING AND LEARNING? <i>A. Jacobs</i>	1154
PHYSICALLY IMPOSSIBLE? <i>D. Domenici, G. Mazzitelli</i>	1163
FOREIGN LANGUAGE SYLLABUS DESIGN IN MILITARY EDUCATION <i>S. Jonakova, N. Mockova, F. Muto</i>	1167
THE EMBODIED COGNITION IN KINDERGARTEN: A PRE-WRITING EXPERIENCE WITH AN EMBODIED AND ANALOGICAL APPROACH <i>M.R. De Simone</i>	1176
INTERDISCIPLINARY INTEGRATION AS A CONDITION FOR THE MODERNIZATION OF TEACHER EDUCATION <i>O. Shirokova, T. Gainutdinova, M. Denisova</i>	1183
MULTIMEDIA TECHNOLOGIES AS A MEANS OF INTRODUCING GAME ELEMENTS IN THE PROCESS OF TEACHING MATHEMATICS <i>M. Denisova, T. Gainutdinova, O. Shirokova</i>	1189
USING SIMULATIONS TO TRAIN TEACHER CANDIDATES <i>R. Gentry</i>	1195
MINDFULNESS PRACTICES FOR TEACHERS <i>R. Gentry</i>	1196
MOBILE ELECTRONIC LEARNING AND GAMIFICATION IN THE PRACTICES OF OPHTHALMIC OPTICS I <i>J. Espinosa, B. Domenech, D. Mas, J. Perez, E. Perales, C. Hernández, C. Vázquez</i>	1197
USING THE SELF-EVALUATION AS A MOTIVATIONAL AND LEARNING TOOL <i>E. Perales, V. Viqueira, B. Micó-Vicent, K. Huraibat, J. Espinosa, E. Chorro, J. Jordan, F.M. Martínez-Verdú</i>	1202
ASSESSMENT OF STUDENT LEARNING IN CAPSTONE PROJECT <i>M. Zagar, S. Zilora, B. Mihaljevic</i>	1207
GROUP ASSIGNMENTS AND PEER ASSESSMENT IN ONLINE ACCOUNTING COURSES <i>C. Fajardo</i>	1212
UNDERCLASS IN EDUCATIONAL CONTEXTS. OBSTACLES AND CHALLENGES <i>A. Lizarazo</i>	1213
THE FREQUENCY OF PERSISTENT BABY REFLEXES WHICH INFLUENCE LEARNING SKILLS AMONG CHILDREN AGED 4 TO 8 <i>E. Sarlós</i>	1217
TRAINING OF INTERCULTURAL COMMUNICATION USING DIDACTIC RESOURCES OF VIRTUAL E-LEARNING ENVIRONMENT <i>T. Skorikova, N. Romanova, E. Orlov</i>	1224

CHALLENGES FOR THE IMPLEMENTATION OF THE GDPR IN HIGHER EDUCATION INSTITUTIONS IN PORTUGAL	1230
<i>N. Bessa Vilela</i>	
STUDENTS PROCESSES ON READING AND ACADEMIC WRITING AT CHILD PEDAGOGY CAREER	1235
<i>E. Rubio, L. García, D. Díaz, F. Dueñas</i>	
REINFORCEMENT OF PYTHON LEARNING THROUGH A PROGRAMMING GYMKHANA	1241
<i>B. Remeseiro, A.J. Díaz-Honrubia, G. Cebrián-Márquez, N. Rico, J.R. Villar</i>	
PREPARATION AND IMPLEMENTATION OF SAFETY CULTURE RESEARCH BY STUDENTS OF SECURITY MANAGEMENT	1247
<i>M. Halaj, L. Hofreiter, R. Jankura</i>	
THE NEED FOR INCREASE OF STUDENT'S SAFETY AWARENESS AS A PREPARATION FOR THEIR PROFESSIONAL CAREER AFTER GRADUATION	1256
<i>M. Halaj, R. Jankura</i>	
FINEXT 2019: LOOKING ON THE BRIGHT SIDE BY UNCOVERING THE WEAKNESSES	1262
<i>G. Cebrián-Márquez, E. de Andrés, E. de la Cal, R. Mencía, B. Remeseiro, N. Rico, J.R. Villar, R. Zurita</i>	
AN INTERACTIVE MOOC IN A VIRTUAL WORLD	1270
<i>E. Hoter, I. Nagar</i>	
PHYSICAL LITERACY OF URGENT HEALTH CARE STUDENTS AND ITS POSSIBLE IMPACT ON THE QUALITY OF THE RESCUER'S WORK	1276
<i>Z. Balazsiova, M. Mankovecka</i>	
'WHO AM I, MR. STANISLAVSKI?' AN EXPLORATION OF STANISLAVSKI'S 'SYSTEM' OF TRAINING ACTORS IN REALIZING CHARACTERIZATION IN THE 1999 IRISH DRAMA CURRICULUM (PRIMARY LEVEL)	1281
<i>H. Hallissey</i>	
BLENDING SCIENCE AND ART: AN EDUCATIONAL PERSPECTIVE	1283
<i>N. Balkar, K. Saher, G. Mithci</i>	
ANALYSIS OF THE ACCURACY OF AN EARLY WARNING SYSTEM FOR LEARNERS AT-RISK: A CASE STUDY	1289
<i>D. Baneres, A. Karadeniz, A.E. Guerrero-Roldán, M.E. Rodríguez-Gonzalez, M. Serra</i>	
THE FACTORS OF TEACHER CAREER SATISFACTION	1298
<i>E. Stuopyte, A. Augustiniene</i>	
DESIGNING "BETTER" GLOBAL PURCHASING AND SUPPLY MANAGEMENT TEACHING PROGRAMMES BY UNDERSTANDING CROSS-CULTURAL CHALLENGES AND DIFFERENCES: THE BI-CONTINENTAL APPROACH EUROPE-ASIA	1307
<i>B.M. Zunk, K. Stek, H. Schiele</i>	
QUALITY IN HIGHER EDUCATION IN PORTUGAL THE A3ES CERTIFYING ENTITY: ACCREDITATION OF IQAS AND INSTITUTIONAL ACCREDITATION AT ONE PORTUGUESE UNIVERSITY	1312
<i>N. Jesus-Silva, A. Machado, J. Caramelo-Gomes</i>	
R-ADAPTATION OF THE COURSE "ECONOMETRIC METHODS IN ECONOMICS AND FINANCE"	1318
<i>L. Escot, A. Pérez Alonso, J.E. Sandubete</i>	
INTEGRATION OF EDUCATIONAL AREAS AS A CONDITION FOR SUCCESSFUL ADAPTATION OF A CHILD TO SCHOOL	1327
<i>S. Suvorova, T. Khilchenko, L. Ponomareva, N. Gan, K. Obukhova</i>	
DESIGNING A TRAINING PROGRAMME FOR STUDENTS IN AUDITING UNIVERSITY SOCIAL RESPONSIBILITY: A CASE STUDY	1333
<i>A. Augustiniene, A. Daubariene</i>	
TRANSFORMING THE CURRICULUM ACROSS THE UNIVERSITY: POLICIES THAT PROMOTE TECHNOLOGY-ENHANCED PEDAGOGIES	1338
<i>T. Griffin, L. Venaruzzo</i>	
EXECUTIVE SKILLS AND RISK BEHAVIOR OF ADOLESCENTS	1345
<i>A. Juhászová, V. Gatia</i>	
ON THE IMPORTANCE OF ASSESSMENT ON FLIPPED LEARNING	1352
<i>L. Descalço, P. Carvalho</i>	
PROJECT BASED LEARNING AS AN ADVANCED METHOD FOR ISS CREWS TRAINING	1357
<i>S. Klinkov, S. Gusev</i>	

IMPROVING LEARNING OUTCOME USING THE NEWTON LOOP GAME: A SERIOUS GAME TARGETING ITERATION IN JAVA PROGRAMMING COURSE	1362
<i>D. Zhao, A.E. Chis, N. Choudhary, E.G. Makri, G.M. Muntean, C.H. Muntean</i>	
STUDENT SELF-GRADING AT FIRST YEAR LEVEL IN HIGHER EDUCATION: A CASE STUDY	1370
<i>S. Bharuthram</i>	
READING AND READERSHIP IN THE CZECH REPUBLIC AT THE ELEMENTARY SCHOOL FROM THE VIEW OF TEACHERS	1371
<i>M. Fasnerová, D. Cibáková</i>	
INFLUENCE OF SEVERAL FACTORS IN THE ACADEMIC PERFORMANCE OF STUDENTS OF PHYSICS IN THEIR ACCESS TO THE UNIVERSITY	1377
<i>M.B. Montero Rodríguez, M.C. Ramírez Gómez, M. Rico Varela, J. López Lago, R. Bouza Padín</i>	
ADAPTING LABORATORY SESSIONS IN ENGINEERING EDUCATION TO A GROWING NUMBER OF STUDENTS	1384
<i>S. Verslype, J. Peuteman, J. Boydens, D. Pissort</i>	
A GAMIFICATION PROPOSAL TO INTRODUCE STUDENTS TO GRAPHICAL ANALYSIS	1394
<i>A. Sarasola, M. Huebra, A. Okariz</i>	
USING QR-CODES IN TEACHING ELECTRONICS – AN APPROACH TO INCREASE STUDENTS MOTIVATION	1398
<i>S. Stoyanova-Petrova, N. Kafadarova, D. Stoyanova, N. Mileva</i>	
A COMPARABLE FOUNDATION FOR ITS RESEARCH LOOP AND SUBFIELDS	1402
<i>N.T. Graf von Malotky, A. Martens</i>	
THE VALUE OF THE COURSE ASSIGNMENT IN TECHNOLOGICAL COURSES	1410
<i>A.A. Bayod-Rújula, A. Martínez-Gracia</i>	
METHODS IN COMPUTER SCIENCE EDUCATION IN HIGH SCHOOLS	1415
<i>A. De Vitis</i>	
SOCIAL ASSISTANCE TO THE ELDERLY	1423
<i>Y. Raievska, L. Melnyk</i>	
PSYCHOLOGICAL AND PEDAGOGICAL SUPPORT OF MORAL EDUCATION IN JUNIOR HANDICAPPED CHILDREN	1429
<i>O. Verzhikhovska, Y. Raievska, O. Bielova</i>	
STUDY ON KNOWING AND IDENTIFYING HUMAN RIGHTS	1435
<i>I. Scheau</i>	
THE IMPORTANCE OF HUMAN RIGHTS FOR STUDENTS AND THE CLASSIFICATION OF HUMAN RIGHTS	1439
<i>I. Scheau</i>	
STEM ACTIVITIES BASED ON EDUCATIONAL ROBOTICS, RECYCLABLE MATERIALS AND ARDUINO PROGRAMMING	1443
<i>A. Xenakis, S. Brendas</i>	
PLANNING A STRATEGY TO IMPLEMENT THE UP2U ECOSYSTEM IN PORTUGAL	1453
<i>A. Vieira de Castro, M. Cardoso, L. Faria, N. Morgado, D. Mota, N. Dias</i>	
AN ANALYSIS OF HOW ELEMENTARY SCHOOL PRE-SERVICE TEACHERS LEARN TO USE TECHNOLOGY	1464
<i>R. Kay, R. Ruttenberg-Rozen</i>	
STUDENT TEACHER INTEGRATING IPAD IN PRESCHOOL SETTINGS – EXPLORING OPPORTUNITIES, DILEMMAS, CHALLENGES AND BOUNDARIES	1469
<i>Y. Kesner Baruch</i>	
THE USEFULNESS OF DIGITAL TOOLS FOR WEB BASED BYOD FLIPPED INSTRUCTION: STUDENT PERCEPTIONS OF A POLLING TOOL; A CANVAS TOOL AND AN ANNOTATION TOOL	1471
<i>S. Dianati</i>	
ENGAGING PHARMACY STUDENTS: EXPERIENCING VIRTUAL REALITY IN THE CLASSROOM AND CONNECTING GROUPS AND COMMUNITIES WHO NEED PHARMACOLOGICAL ADVICE WITH MOBILE APPS	1472
<i>V. Lee, P. Hodgson</i>	
THE PREPARATION OF TEACHERS IN THE FIELD OF MULTIMEDIA EDUCATION	1477
<i>L. Kostolanský, M. Šebo, V. Tomková</i>	
ENGAGEMENT FOR LEARNERS WITH MULTIPLE INTELLIGENCE USING LOCATION-BASED TECHNOLOGY	1484
<i>S. Wan, P. Hodgson</i>	

USING MATHEMATICA IN INTERACTIVE GEOGRAPHY TEACHING	1489
<i>P. Trencan, V. Kohout</i>	
BEST PRACTICES FOR ORGANIZATION AND QUALITY ASSESSMENT OF AN E-LEARNING TRAINING IN THE HIGHER EDUCATION SYSTEM	1499
<i>V.B. Thati, S. Verslype, J. Peuteman, D. Vanoost, C. Pérez-Molina, M. Castro, M. Gericota, G. Andrieu, D. Pissoort, J. Boydens</i>	
MONITORING OF STUDENT PROGRESS AND EVALUATION IN THE SUBJECT "CHEMISTRY LABORATORY I"	1509
<i>J. Albiol Chiva, J. Peris Vicente, S. Carda Broch, M. Esteve Amorós, D. Yusá Marco, M.T. Domenech Carbó, D. Bose, A. Durgbanshi, J. Esteve Romero</i>	
CREATING TEACHING AIDS AIMED AT DEVELOPING COMPUTATIONAL THINKING	1515
<i>T. Havlásková, Z. Homanová, V. Gybas, L. Klubal, K. Kostolányová</i>	
CHANGING SCENARIO OF HIGHER EDUCATION OF CONVENTIONAL VERSUS PROFESSIONAL COURSES IN INDIA WITH SPECIAL REFERENCE TO UTTAR PRADESH, A STATE OF INDIA	1522
<i>S. Sharma</i>	
TEACHING OF ARCHITECTURAL REHABILITATION IN A GLOBAL SENSE: PHYSICAL REHABILITATION AND SOCIAL AND URBAN REGENERATION	1529
<i>C. Cornado, P. Garcia-Almirall, S. Vima</i>	
EVALUATION OF ONLINE EDUCATION AT THE POLISH-JAPANESE ACADEMY OF INFORMATION TECHNOLOGY	1536
<i>J.P. Nowacki, A. Drabik, L. Banachowski</i>	
METALOGUE'S VIRTUAL AGENT FOR NEGOTIATION: ITS' EFFECTS ON LEARNING EXPERIENCE, METACOGNITIVE AND INDIVIDUAL-AND-COMMUNITY-LEVEL ATTITUDES PRE-AND-POST INTERACTION	1542
<i>E.G. Makri, D. Koryzis, D. Spiliotopoulos, V. Svolopoulos</i>	
CNFM: INNOVATIVE SINGLE NATIONAL ENTRY-POINT FOR LIFELONG LEARNING IN MICROELECTRONICS	1552
<i>B. Pradarelli, O. Bonnaud, P. Nouet, P. Benoit</i>	
THE IMPLICATIONS OF ITS RESEARCH ON CALL SOFTWARE	1562
<i>L. Vawter, N.T. Graf von Malotky, A. Martens</i>	
A FRAMEWORK TO ENHANCE LEARNING EXPERIENCE IN FLIPPED CLASSROOM BASED ON STUDENT ACCOUNTABILITY TOWARDS ACTIVE PARTICIPATION	1569
<i>A. Agarwal, V.R. Naidu, R. Al Mamari</i>	
A COLLABORATIVE STUDY EVALUATING THE PEDAGOGICAL VARIATION MODEL BY PRE-SERVICE TEACHER UNDERGRADUATES AT FEDERAL INSTITUTE (IFRS) BRAZIL: INSIGHTS TO PEDAGOGICAL LEADERSHIP IN LEARNING AND TEACHING	1578
<i>M.S. Rogers, A. Grunewald Nichele</i>	
EDUCATION OF A CHILD WITH FETAL ALCOHOL SYNDROME (FAS) - A CHALLENGE FOR A TEACHER	1589
<i>M. Banach, J. Matejek</i>	
ABOLISHING ZERO TOLERANCE POLICIES IN OUR EDUCATION SYSTEM: ALTERNATIVES TO REDUCING DELINQUENCY AMONG SPECIAL EDUCATION STUDENTS	1596
<i>C. Barrow</i>	
ADAPTING TO HIGHER EDUCATION-ACADEMIC, SOCIAL, AND PERSONAL EXPECTATION OF EDUCATIONAL SCIENCES STUDENTS FOR UNIVERSITY TEACHERS	1603
<i>K. Mets-Alunurm</i>	
INTEGRATING CODE REVIEW INTO HIGH SCHOOL PROGRAMMING PROJECTS	1612
<i>Z. Kubincová, I. Csicsolová</i>	
3D PRINTING FOR COLLEGE CALCULUS AND PHYSICS COURSES	1622
<i>M.L. Quezada-Batalla, R.D. Santiago-Acosta, A. Hernández-Medina, J. Gómez-Muñoz, E. Hernández-Cooper</i>	
ALTERNATIVE WAYS OF TEACHING PROGRAMMING OF LOWCOST CONTROL UNITS (ARDUINO)	1627
<i>P. Kuna, M. Palaj, A. Hašková</i>	
GAMIFICATION IN EDUCATION AND ACTIVE METHODOLOGIES AT HIGHER EDUCATION	1633
<i>A.P. Lopes, M. Soler, R. Caña, L. Cortés, M. Bentabol, A. Bentabol, M.M. Muñoz, A. Esteban, M.J. Luna</i>	

DIDACTIC MATERIALS SUPPORTING CAD/CAE SYSTEM TEACHING	1641
<i>P. Kuna, M. Skačan, A. Hašková</i>	
COLLABORATIVE LEARNING FOR A LARGE COHORT OF STUDENTS: IS INFORMAL LEARNING SPACE A VIABLE OPTION?	1648
<i>C.T. Chan</i>	
MEASURES FOR THE ACADEMIC STAFF'S MENTAL HEALTH STRENGTHENING UNDER INTERNATIONALIZATION	1649
<i>I. Kotlyarova, I. Voloshina, G. Grevtseva, M. Balikaeva, N. Ankudinova</i>	
TOWARD OVERCOMING THE DISPROPORTION BETWEEN THE DEMAND FOR PROFESSIONALS AND THE PROVISION OF TRAINING IN CYBERSECURITY	1656
<i>W. Dimitrov, K. Rasheva-Yordanova, O. Konstantinov, B. Bosakova, V. Angelova</i>	
PREPARING DOCTORAL STUDENTS FOR PEDAGOGICAL DESIGN	1665
<i>I. Kotlyarova, G. Serikov, S. Vaulin, I. Shchurov</i>	
A CRITICAL REVIEW OF THE ORGANIZATION, METHODOLOGY AND ASSESSMENT IN THE FIRST-YEAR LABORATORY LECTURES OF SCIENCE AND ENGINEERING DEGREES AT THE UNIVERSITY OF THE BALEARIC ISLANDS (SPAIN)	1670
<i>M.A. Jiménez, D. Moranta, J. Torrens, L. Ferrer, J.A. Jurado-Rivera, C. Palomino, A. Borrás, R. Santamarta, S. Tejada, A. Sureda, F. Masdeu, M.M. Bibilioni</i>	
THE IMPACT OF LONGITUDINAL STEM CAREERS INTRODUCING INTERVENTION ON STUDENTS' CAREER ASPIRATIONS AND ON RELATING OCCUPATIONAL IMAGES	1678
<i>T. Kotkas, J. Holbrook, M. Rannikmäe</i>	
EDUCATIONAL WORKSHOP ON GREEN CHEMISTRY FOR UNDERGRADUATE STUDENTS: APPLICATION OF ECO-SCALE TO ANALYTICAL METHODS	1687
<i>I. de la Calle, I. Lavilla, C. Bendicho</i>	
FROM TINKERING TO THINKING: TINKERING AS SUPPORT FOR THE DEVELOPMENT OF CRITICAL AND CREATIVE THINKING	1695
<i>A. Poce, F. Amenduni, M.R. Re, C. De Medio</i>	
STUDY ON STUDENT'S PREVIOUS BACKGROUND, INTEREST, INSIGHT, PREFERENCES AND SUCCESS RATE IN THE SUBJECT CHEMISTRY IN SEVERAL ENGINEERING DEGREES	1704
<i>J. Albiol Chiva, J. Peris Vicente, M.J. Ruiz Ángel, M. Esteve Amorós, P. Esteve Amorós, E. Esteve Amorós, D. Kassuha, S. Carda Broch, J. Esteve Romero</i>	
MULTILINGUALISM AND INTERCULTURALISM AS PROFESSIONAL CAPITAL: THE MAKING OF A MODEL OF TEACHER EDUCATION IN PRIMARY SCHOOLS IN BORDER AREAS	1709
<i>K. Pevec Semec</i>	
ANALYSIS OF ALGORITHMS FOR GENERATING TEST QUESTIONS IN E-TESTING SYSTEMS	1714
<i>I. Kostadinova, K. Rasheva-Yordanova, M. Garvanova</i>	
APPLICATIONS OF CHIP-8, A VIRTUAL MACHINE FROM THE LATE SEVENTIES, IN CURRENT DEGREES IN COMPUTER ENGINEERING	1720
<i>N. Cruz, M. Ruiz-Ferrández, J.L. Redondo, J. Álvarez, P. Ortigosa</i>	
UNDERSTANDING GROVER'S SEARCH ALGORITHM THROUGH A SIMPLE CASE OF STUDY	1730
<i>F.J. Orts, G. Ortega, N. Cruz, G.E. Garzón</i>	
BUILDING IDENTITIES FOR EQUITY AND INCLUSION: AUTOBIOGRAPHIC METHODS FOR PEDAGOGICAL PURPOSES AND LIFELONG LEARNING	1738
<i>G. Aleandri</i>	
SEMINARS IN SELECTED TOPICS IN ELECTROMAGNETIC FIELDS AND WAVES	1748
<i>E. Macho Stadler, M.J. Elejalde García</i>	
COMPLEMENTARY PERSPECTIVES IN THE STUDY OF TEACHING CONCEPTIONS	1756
<i>P. Bourgoin, D. Vlachopoulos</i>	
GAMIFICATION FOR SELF-DIRECTED LEARNING IN HIGHER EDUCATION	1764
<i>S. Lindberg</i>	
DESIGNING A FLIPPED CLASSROOM IN AN INDUSTRIAL ENGINEERING MASTER SUBJECT	1774
<i>J. Requies, L. Barrio, I. Agirre, E. Acha, K. Bizkarra</i>	
ASSIGNING REFERENCE LEVELS TO THE MEANINGS OF WORDS	1780
<i>J. Bérešová</i>	

THE CONCEPT OF CORPORATE SOCIAL RESPONSIBILITY IN HIGHER EDUCATION. THE PERSPECTIVES OF THE STUDENTS <i>D. Vlachopoulos, P. Bourgoïn</i>	1786
ONLINE INTERACTION – A NEW SCALE OF THE COMMON EUROPEAN FRAMEWORK OF REFERENCE <i>J. Bérešová</i>	1794
THE MULTIPLIER IMPACT OF EUROPEAN UNION FUNDING ON HIGHER EDUCATION AND RESEARCH IN THE PORTUGUESE REGIONS UNDER HORIZON 2020 <i>N. Jesus-Silva</i>	1799
EXPLORING LECTURERS' TECHNOLOGICAL KNOWLEDGE TOWARD THE TEACHING OF STUDENT TEACHERS IN THE SCHOOL OF EDUCATION <i>S. Ngcapu, A. Mji, S. Simelane-Mnisi</i>	1808
INTEGRATING HANDS-ON ACTIVITIES TO ENHANCE STEM SUBJECTS IN TANZANIA PRIMARY EDUCATION <i>J. Stephen, M. Ismail</i>	1818
SHARING BEST TEACHING PRACTICE: REFLECTION, COMMUNITY AND REPOSITORY <i>H. Purchase, W. Anderson, S. Deeley, C. Reilly, M. Welsh</i>	1827
CONNECTING THE WORLDS OF MUSIC WITH A DIGITAL REPOSITORY FOR COLLABORATIVE RESEARCH, EDUCATION AND CONTENT DISSEMINATION <i>H. Caixinha, S. Caixinha</i>	1837
ENHANCING LEARNING OF THINKING SKILLS: THE IMPACT OF PRIMARY SCHOOL YEAR EDUCATION <i>M.A. Manassero-Mas, A. Vazquez-Alonso</i>	1848
NEW TECHNOLOGIES IN THE STUDY OF ARCHITECTURE: LEARNING BY MAKING VIRTUAL MODELS AND DIGITAL FABRICATION <i>N. Araujo</i>	1855
THE PROBLEM OF INTERNATIONALIZATION AS A GLOBAL PROBLEM OF A RUSSIAN UNIVERSITY (THE EXAMPLE OF INTERNATIONAL ACTIVITY AT THE PHILOLOGY FACULTY OF THE PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA) <i>E. Nedopekina, E. Remchukova, E. Mikheeva</i>	1862
ENHANCING EPISTEMIC LEARNING IN ELEMENTARY SCIENCE THROUGH A BLACK BOX GAME <i>A. Vazquez-Alonso</i>	1868
CHATBOT FOR CONTINUOUS MOBILE LEARNING <i>A. Vasilateanu, A.G. Turcus</i>	1878
THE EFFECTS OF FLIPPED LEARNING MODEL IN TEACHING ENGLISH GRAMMAR <i>C. Seçilmişoğlu</i>	1882
FRUIT-BASED DRINKS LABEL SCANNING BY HIGH SCHOOL STUDENTS: AN IMPORTANT TOOL TO ENCOURAGE A CRITICAL CONSUMER PURCHASE <i>L. Lipan, M. Cano-Lamadrid, R. Martínez, Á.A. Carbonell-Barrachina, E. García-García, D. López-Lluch</i>	1891
BUILDING PDO AND PGI AWARENESS AMONG HIGH SCHOOL STUDENTS IN ORDER TO IMPROVE THEIR DIET <i>D. López Lluch, M. Cano-Lamadrid, L. Lipan, R. Martínez, E. García-García, Á.A. Carbonell-Barrachina</i>	1898
COMPARING THE USE OF WRITTEN AND VIDEO FEEDBACK IN PRE-SERVICE TEACHER EDUCATION: A CASE STUDY <i>R. Kay, D. Petrarca, T. Bahula</i>	1907
A SOCIO-TECHNICAL NETWORK APPROACH TO SUSTAINABLE UNIVERSITY–COMMUNITY COLLABORATION FOR RESEARCH AND EDUCATION <i>M. Nakamura</i>	1915
SCHOOLGY: THE ADOPTION OF LEARNING MANAGEMENT PLATFORM IN THE ICT UNIVERSITY USING TECHNOLOGY ACCEPTANCE MODEL <i>A. Ziraba, A. Kayode</i>	1924
MICRO-MODULAR DIGITAL LEARNING CONTENT DESIGN IN A CLOUD-BASED COLLABORATION ENVIRONMENT <i>T. Patala, J. Vancell, A. Bruce</i>	1931
IMPROVING PROFESSIONAL PRACTICE THROUGH "LESSON STUDY" <i>M. Hannah</i>	1940

EXPLORING INCLUSION AND DIVERSITY WITHIN UNDERGRADUATE TEACHER TRAINING PROGRAMMES IN ENGLAND <i>C. Devarakonda, S. McGrath, D. Chaudhary</i>	1947
LISTENING-REACTING ABILITY AS ONE OF VITAL ACTIVITIES FOR TRAINING SPONTANEOUS COMMUNICATION SKILLS <i>K. Makayev, G. Makayeva</i>	1957
DEBATING AND PUBLIC SPEAKING TRAINING FOR PRE-SERVICE TEACHERS: EXPERIENCES AND ADVANTAGES <i>E. Miller</i>	1963
TEACHING CONFLICTUAL COMMUNICATIVE STRATEGIES OF AMERICAN POLITICAL DISCOURSE <i>D. Khramchenko</i>	1968
INDUSTRIAL PROCESS CONTROL EDUCATION WITH A WASTEWATER TREATMENT PLANT <i>E. Pérez, I. Tejado, F. Duque-Gruart, A. Gómez-Garrido, M. Rangel-Zambrano, F. Tirabassi</i>	1974
IRONY AS A TENDENCY OF MODERN BUSINESS ENGLISH: FUNCTIONAL-LINGUISTIC THEORY & TEACHING PRACTICE <i>D. Khramchenko</i>	1983
DISCOVERING USER ACCEPTANCE OF BRING YOUR OWN DEVICE(BYOD) IN HIGHER EDUCATION <i>G. Masilo, S. Simelane-Mnisi, A. Mji, I. Mokgobo</i>	1988
SHARING BEST PRACTICES AND CONSIDERATIONS ON INTERACTIVE TOOLS IN ENGINEERING EDUCATION <i>I. Tejado, E. Pérez, I. González, P. Merchán</i>	1995
ENHANCING SELF EFFICACY AND GRIT: HOW EDUCATIONAL TEAMS CAN PROMOTE INNER STRENGTHS OF STUDENTS WITH DISABILITIES IN INCLUSIVE SCHOOLS <i>E. Miller, E. Kass</i>	2003
CHALLENGES OF RE-CONNECTING ENTREPRENEURSHIP AND BUSINESS EDUCATION AT UNIVERSITIES (EVIDENCE FROM GEORGIA) <i>I. Natsolishvili, E. Kharaisvili</i>	2012
PROBLEMS OF TEACHING SCIENTIFIC STYLE TO FOREIGN GRADUATES AT THE PRE-UNIVERSITY TRAINING COURSE <i>N. Bulaeva, D. Khramchenko, E. Pronina, A. Zhukova</i>	2022
TEACHING EFL LEARNERS TO TRANSLATE THE BRITISH PRESS: METHODOLOGY OF PROFOUND UNDERSTANDING <i>Y. Akimtseva, D. Khramchenko, N. Bulaeva</i>	2029
INTERACTIVE METHODS FOR TRAINING CHILDREN FROM PRIMARY SCHOOL <i>D. Dimitrova</i>	2034
GENERAL DATA PROTECTION REGULATION IMPLEMENTATION IN HIGHER EDUCATION INSTITUTIONS <i>A. Šidlauskas, T. Limba</i>	2040
ANALYSIS OF THE CURRICULAR AND PEDAGOGICAL COMPONENT OF SIX BACHELOR'S DEGREES IN PHYSICAL EDUCATION, RECREATION, SPORT AND / OR RELATED HIGH QUALITY, IN FRONT OF THE TEACHING PERCEPTIONS <i>J. García-Díaz, A. León, J. Santamaría-Rodríguez, N. Martínez, S. Sotomayor</i>	2048
THE EVOLUTION OF USAGE OF SMARTPHONE IN EDUCATION <i>A. Vakil</i>	2052
IMPACT OF INTERNATIONAL EDUCATIONAL MIGRATION IN THE CONTEXT OF GLOBALIZATION OF HIGHER EDUCATION (CASE OF GEORGIA) <i>E. Kharaisvili, I. Natsolishvili</i>	2057
ARSNOVA.CARDS: HOW TO SUSTAINABLY PROMOTE MOBILE LEARNING WITH A FLASHCARD APP <i>C. Adam, D. Kamutzki, K. Quibeldey-Cirkel</i>	2067
EXPLORING THE ABILITY OF WRITING SKILLS THROUGH THE EDMODO PLATFORM IN DISTANCE FOREIGN LANGUAGE LEARNING <i>V. Vavaitis, C. Sofianopoulou</i>	2078
INVESTIGATING SECONDARY EDUCATION TEACHERS' TRAINING NEEDS <i>A. Kryptou, C. Sofianopoulou</i>	2084
SOCIO-CULTURAL APPROACH IN TEACHING FOREIGN STUDENTS TO RUSSIAN-LANGUAGE BUSINESS COMMUNICATION: TRADITIONS AND INNOVATIONS <i>N. Romanova, T. Skorikova, I. Amelina</i>	2092

INTERDISCIPLINARY LEARNING OBJECTIVE FOR SERVICE-LEARNING CURRICULA: NEUROBIOLOGICAL AND EVOLUTIONARY EXPLANATIONS OF HELPING OTHERS <i>A.S. Rıusu</i>	2100
PRACTICE-ORIENTED TRAINING AS A MECHANISM OF PROFESSIONAL EXPERIENCE DEVELOPMENT <i>T. Rezer, E. Kuznetsova</i>	2107
FROM PEDAGOGICAL CONTENT KNOWLEDGE TO PEER CONTENT OBSERVATION <i>M. Komar</i>	2111
DIAGNOSTIC EVALUATION AS A LEARNING PROCESS FOR BASIC ACROBATICS SKILLS <i>M.A. Avoalos Ramos, L. Vega Ramrez</i>	2112
SUSTAINABILITY IN HIGHER EDUCATION: ALIGNING SUSTAINABLE DEVELOPMENT GOALS (SDGS) WITH CURRICULUM/CAMPUS/COMMUNITY <i>L. Zizka</i>	2116
FACTORS AFFECTING STUDENT ENGAGEMENT: A MODEL OF HOW AND WHY STUDENTS LEARN <i>H.C. Nguyen</i>	2124
THREE-DIMENSIONAL PROGRAM OF EDUCATIONAL INTERVENTION IN SCHOOLS IN DISADVANTAGED ENVIRONMENTS <i>D. Mara</i>	2130
FROM HIGHER EDUCATION TO HIRE EDUCATION – THE CHALLENGES AND OPPORTUNITIES OF EDUCATING GEN-Z <i>M. Komar</i>	2135
FROM CLASSROOMS TO LEARNING SPACES - EXPLORING NEW WAYS IN EDUCATION WITH THE BLENDED-LEARNING COURSE #TEACHING2030 <i>P. Hauptfeld</i>	2142
THE VR@SCHOOL PROJECT: REDEFINING THE TEACHING/LEARNING PROCESS <i>A. Colibaba, I. Gheorghiu, O. Ursa, I. Croitoru, C. Antonita, A. Colibaba</i>	2151
DETECTION OF CONCEPTUAL AND OPERATIONAL ERRORS MADE BY STUDENTS TAKING AN INITIAL MATHEMATICAL ANALYSIS SUBJECT <i>J.M. Sepulcre</i>	2156
CONSIDERATION ON CRITERIA AND EDUCATIONAL THEORY REGARDING THE INFORMATICS SOFTWARE ENGINEERING DISCIPLINE IN JAPAN <i>C. Yoshida</i>	2166
PROBLEM-BASED LEARNING APPROACH IN THE SALESLABS PROJECT: EXPERIENCE OF REZEKNE ACADEMY OF TECHNOLOGIES <i>D. Apele, S. Mezinska</i>	2173
THE USE OF VIRTUAL LEARNING ENVIRONMENT IN TEACHING LANGUAGE AND LITERATURE <i>L. Kosareva</i>	2182
ANALYSIS OF EDUCATIONAL TRAJECTORIES OF RUSSIAN YOUTH <i>O. Korzhova, T. Stuken, T. Lapina</i>	2187
USE OF AI IN THE CLASSROOM AND THE “ZERO-TECH” TEACHING METHOD <i>M. Moiseenko</i>	2191
PRIMARY EDUCATION AND STEM PROJECTS: THE PRESENT OF THE CLASSROOMS LOOKING FORWARD THE FUTURE OF EDUCATION <i>A. Vzquez Garca, L. Delgado Martn</i>	2197
DIGITAL RESOURCES IN THE EDUCATIONAL MODEL FOR BI- AND MULTILINGUAL EDUCATION OF YOUNG RUSSIAN LANGUAGE LEARNERS <i>G. Sadykova, A. Vafina, A. Kayumova</i>	2207
THE MODEL OF UNIVERSITY TEACHERS AND STUDENTS’ COOPERATION AND INTERACTION <i>N. Kopylova</i>	2213
COOPERATIVE LEARNING IN FOREIGN LANGUAGE PRACTICAL CLASSES AT A NONLINGUISTIC HIGH SCHOOL <i>N. Kopylova</i>	2220
AROUND THE WORLD OF BUSINESS ON 80 PAGES. HOW TO INTRODUCE STUDENTS TO THE BASIC CONCEPTS OF ECONOMICS AND BUSINESS <i>B. Greimel-Fuhrmann</i>	2225

MEET-UP PILOT: AN INCLUSIVE PROGRAM FOR STUDENTS WITH AUTISM SPECTRUM DISORDER AT UPC <i>M. Gràcia, S. Mampel, L. Montero, M. Vilalta, I. Josa</i>	2230
EXPERIENCES OF RESEARCH TRAINING IN CHILD PEDAGOGY. RESEARCH TRENDS IN A BACHELOR'S DEGREE IN CHILD PEDAGOGY IN COLOMBIA <i>J. García-Díaz, J. Santamaría-Rodríguez, G. Flórez-Valencia, E. Álvarez-Cruz, N. Barreto-Salamanca</i>	2238
TEACHERS' TRAINING TO TRIGGER THE UNIVERSITY'S DIGITAL TRANSITION <i>A.M. Berruecos Vila, I. Ochoa-Carrasco</i>	2246
DESIGNING EDUCATIONAL GAMES TO TEACH PHILOSOPHY: CASE STUDY <i>E. Galanina, A. Vetushinskiy</i>	2255
UTILIZATION OF EDUCATIONAL HYBRID ROCKET IN AN OUTREACH PROGRAM <i>A. Ishihara, M. Nakahara</i>	2261
RECONSTRUCTION OF THE CULTURAL PICTURE OF THE WORLD AS A WAY OF STRUCTURING THE CONTENT OF THE UNIVERSITY DISCIPLINE <i>S. Mitsova, L. Stroy</i>	2268
A STUDY OF DERIVING USABILITY EVALUATION FACTORS ON VIRTUAL REALITY CONTENTS <i>J. Lee, K.S. Nam</i>	2272
PUTTING PEDAGOGICAL WRITING THEORIES INTO PRACTICE USING ONLINE COLLABORATIVE TOOLS AND COMPUTER-MEDIATED COMMUNICATION <i>G. Meredith</i>	2279
CAREER GUIDANCE OF SCHOOLCHILDREN IN THE FIELD OF SPACE EXPLORATION <i>D. Ilyasov, A. Khokhlov, K. Burov, L. Naumenko</i>	2284
PROSPECTIVE TEACHERS' PREPAREDNESS TO DEVELOP MATHEMATICS LITERACY AS A PRECONDITION OF EFFECTIVE PRACTICE <i>R. Dofková, Š. Chudý</i>	2294
TOWARD AN IMPROVED DUAL LEARNING AND LIFELONG LEARNING IN THE DEPARTMENT OF INDUSTRIAL ENGINEERING IN ZILINA <i>B. Micieta, M. Krajcovic, V. Binasova</i>	2300
THE PHENOMENON OF TEXTING <i>E. Dolzhich, S. Dmitrichenkova</i>	2309
SCHOOL LEADERS AND THE PURSUIT OF EFFECTIVENESS: ENVISIONING SCHOOLS THAT ENDURE CHANGE <i>V. Msila</i>	2314
IDENTIFYING THE SECONDARY SCHOOL GRADUATES' PREFERENCES FOR SELECTING THE UNIVERSITY AND EFFECTIVENESS OF SELECTED MARKETING TOOLS <i>K. Holla, E. Sventekova</i>	2321
LIFE COACHING AS A REMEDY IN BUILDING TEACHERS' PSYCHOLOGICAL RESILIENCE AND WELL-BEING <i>A. Galazka, J. Jarosz</i>	2327
VOCABULARY DRILLING: A GHOST OF THE PAST – OR A RENEWED OPPORTUNITY? <i>B. Plomteux</i>	2337
THE EXPERIENCE OF THE UNIVERSITY OF LIBRARY STUDIES AND INFORMATION TECHNOLOGIES WITH THE EXPANSION OF THE UNIVERSITY EDUCATION IN THE SPHERE OF CULTURAL HERITAGE BY STUDYING LOCAL CULTURAL POLICIES <i>M.S. Nikolova, S. Vasileva, S. Stancheva, V. Nikolova</i>	2346
TODAY'S STUDENTS DO (NOT) READ <i>V. Miksikova</i>	2349
THE GDPR TRAINING PROGRAM FOR ROMANIAN PUBLIC INSTITUTIONS <i>A.M. Udroi</i>	2356
BOOKS AS A WAY OF FORMING ONE'S CHARACTER (CHARACTER EDUCATION AND LITERATURE) <i>V. Miksikova</i>	2362
A NEW APPROACH FOR IMPLEMENTATION THE EU NIS DIRECTIVE IN ROMANIAN INSTITUTIONS – INFORMATION SECURITY MANAGER TRAINING PROGRAM <i>A.M. Udroi</i>	2367
MODELLING WORK-BASED PEDAGOGY FOR EXPANSIVE LEARNING <i>E. Kuoppala</i>	2374

THE IMPLEMENTATION OF DIGITAL TOOLS IN TEACHING: A QUALITATIVE CASE STUDY AT A SWEDISH PRIMARY SCHOOL <i>P. Josefsson, K.M. Jää-Aro, S. Lundmark, A. Mutvei Berrez</i>	2382
INCLUSION OF CHILDREN WITH ADHD IN PRESCHOOL MAINSTREAM EDUCATION FROM ROMANIA <i>C.C. Pascariu</i>	2388
HOWEST EDHUB: THE INTERACTION BETWEEN DIDACTICS, LEARNING SPACE AND TECHNOLOGY <i>B. Bonne, R. Dauwens, T. Verbeke</i>	2394
SPELLING AND GRAMMAR IN SECONDARY-SCHOOL PUPILS IN FLANDERS AND THE NETHERLANDS: CORRELATING KNOWLEDGE WITH ATTITUDE AND METACOGNITION <i>F. Devos, P. Kygnée</i>	2399
THE COMPARISON OF COMENIA SCRIPT WITH THE ENGLISH VERSION OF WRITING <i>H. Blažková</i>	2405
EXTERNALIZING AND INTERNALIZING PROBLEMS IN YOUNG SCHOOL - AGE PUPILS <i>M. Popelková, E. Jurišová</i>	2410
AUTOMATIC AID SYSTEM TO ENHANCE THE READABILITY OF SCIENTIFIC PAPERS <i>J. Ullisses, R. Díaz Redondo, A. Fernández Vilas</i>	2416
EXPLORING PUZZLE-BASED LEARNING FOR BUILDING EFFECTIVE AND MOTIVATIONAL MAZE VIDEO GAMES FOR EDUCATION <i>A. Antonova, B. Bontchev</i>	2425
THE ACTIVITIES OF THE INSTITUT RAMON LLULL IN THE CONTEXT OF MULTICULTURAL COLLABORATION BETWEEN SPAIN AND RUSSIA <i>M. Moseykina, Y. Moseykin, E. Kargovskaia, V. Kuznetsova</i>	2435
EVALUATION OF RUSSIAN LANGUAGE LEARNING MOBILE APPLICATIONS FOR YOUNG CHILDREN <i>G. Sadykova, A. Kayumova, A. Vafina</i>	2443
MIXED REALITY AS NEW OPPORTUNITY IN THE PRESERVATION AND PROMOTION OF THE CULTURAL AND HISTORICAL HERITAGE <i>I. Peteva, S. Denchev, I. Trenchev</i>	2451
PERSONALIZED LEARNING USING CLICKER APPLICATIONS IMPROVES ACADEMIC PERFORMANCE OF TOXICOLOGY STUDENTS <i>P. Moyano, J. Del Pino, J.M. Garcia, M.T. Frejo, M. Lobo, J. Garcia, M.J. Anadon, F.J. Mourin, E. Sola, A. Pelayo</i>	2457
VIRTUAL REALITY LEARNING SYSTEM INCREASES MOTIVATION AND IMPROVES PERFORMANCE OF TOXICOLOGY STUDENTS <i>P. Moyano, J. Del Pino, J.M. Garcia, M.T. Frejo, M. Lobo, J. Garcia, A. Pelayo, M.J. Anadon, E. Sola, F.J. Mourin</i>	2458
PRESCHOOL CHILDREN'S ABILITY TO TRANSFORM SPACE IN PLANE <i>J. Prerovska, S. Pechouckova</i>	2459
SELECTED ASPECTS OF THE TEACHING PROCESS FROM THE PERSPECTIVE OF MEDICAL STUDENTS <i>E. Kralova</i>	2466
MOTIVATION OF UNIVERSITY STUDENTS TO COMPLETE THEIR STUDIES SUCCESSFULLY <i>J. Fedorková, I. Nekoapilová</i>	2470
CYBER CULTURE - MYTH OR REALITY. BUILDING CYBER SPACE SURVIVAL COMPETENCIES <i>G. Zhablyanova, M. Pavlova, B. Tetevenska, K. Bosakova</i>	2480
A READING COMPREHENSION SURVEY AMONG HUNGARIAN SECONDARY GRAMMAR SCHOOL STUDENTS IN SLOVAKIA <i>K. Kázmér</i>	2486
AUTOMATIC ASSESSMENT OF KNOWLEDGE FOR A LARGE NUMBER OF STUDENTS <i>K. Moder</i>	2495
THE IMPORTANCE OF MATHEMATICS IN STEM EDUCATION <i>M. Ben-Jacob</i>	2496

CREATING THE MOST EFFECTIVE TOOLS TO FLIP YOUR FOREIGN LANGUAGE CLASSROOM (TEACHING EXPERIENCE IN RUSSIAN AS A FOREIGN LANGUAGE) <i>A. Al-Kaisi, O. Rudenko-Morgun, A. Akhangel'skaya</i>	2501
TED TALKS AS A TOOL TO DEVELOP COMMUNICATIVE COMPETENCE IN EFL BACHELOR STUDENTS <i>O. Lukoshus</i>	2512
INFLUENCE OF PRECARIZATION OF EMPLOYMENT OF SCIENTIFIC AND PEDAGOGICAL WORKERS ON THE PERSONNEL POTENTIAL OF REGIONAL UNIVERSITIES <i>O. Korzhova, T. Lapina, T. Stuken</i>	2519
USE AND IMPACT OF WEB 2.0 IN HIGHER EDUCATION: ONLINE EDUCATION PLATFORMS <i>E.C. Dittmar, D. López Jiménez</i>	2524
CHALLENGES IN THE CREATION OF AUDIOVISUAL CONTENT FOR A MOOC ABOUT POSTURAL AND TECHNOLOGICAL ADAPTATIONS IN PEDIATRICS <i>R. Martín-Valero, R. Baeza Barragán, A. Ramos Villodres, J. Ventura Medina, M.C. Ruiz-Molinero, A.J. Salvador Ruiz, V. Pérez Cabezas, I. Carmona-Barrientos, J.A. Poblete-Flor, J.A. Moral Muñoz</i>	2525
PROGRAM ADVISORY BOARDS IN ENGINEERING EDUCATION – INDUSTRY REPRESENTATIVES AND THEIR CONTRIBUTIONS TO PROGRAM DEVELOPMENT <i>S. Kullberg, D. Paulin</i>	2531
EVALUATION OF DIGITAL INFORMATION COLLECTIONS: ENSURING THE RELEVANCE OF LIBRARIES IN LEARNING AND TEACHING <i>V. Harari</i>	2536
PERCEPTION OF STUDENTS, TEACHERS AND EMPLOYERS ABOUT COMPETITIVENESS AND INNOVATIVENESS IN VOCATIONAL EDUCATION AND TRAINING. THE EUROPEAN PROJECT "ICEVET" <i>C. Tosto, G. Chiazese, G. Fulantelli, D. Taïbi, Ö. Devrim, H. Üzüim</i>	2542
MEASURING GENDER GAP AT THE UNIVERSITY <i>T. Corejova, M. Rostasova, A. Rovnanova</i>	2547
LEARNING MANAGEMENT SYSTEMS: AN APPLICATION FOR COST ACCOUNTING TEACHING <i>F. López-Arceiz, A. Bellostas, P. Rivera</i>	2553
FOSTERING RESPONSIBILITY-CENTERED LEARNING IN A SOFTWARE ENGINEERING COURSE WITH FLIPPED CLASSROOM <i>D. Weyns, T. Weyns</i>	2559
TRIPLE HELIX MODEL OF INNOVATION: UNIVERSITY, INDUSTRY AND GOVERNMENT INTERACTIONS <i>D. López Jiménez, E.C. Dittmar</i>	2570
VIOLATION OF THE COGNITIVE ACTIVITY OF JUNIOR SCHOOLCHILDREN WITH SYSTEMIC SPEECH DISORDERS <i>N. Havrylova, O. Tkach, O. Havrylov</i>	2575
IMPROVING RETENTION & SUCCESS OF ONLINE LEARNERS VIA FRONT-END BEHAVIORAL ANALYTICS <i>P. Roubides</i>	2583
PROCEDURE TO INTRODUCE THE CONCEPT OF THE DERIVATIVE FROM A MEANINGFUL LEARNING PERSPECTIVE <i>J.M. Bergues, R. Casamayor, D. Acebes de la Arada</i>	2584
COMPREHENSIVE APPROACH IN THE VOCATIONAL TRAINING OF SPEECH THERAPISTS IN HIGHER EDUCATIONAL INSTITUTIONS OF UKRAINE <i>N. Havrylova, O. Konstantyniv, O. Havrylov</i>	2588
AUDITORY SHORT-TERM MEMORY, VISUAL SEQUENTIAL MEMORY AND INDUCTIVE REASONING MATTER FOR ACADEMIC ACHIEVEMENT <i>S. Du Plessis, D. Maree</i>	2595
AGE-RELATED DYNAMICS OF PLAY IN ELEMENTARY SCHOOLCHILDREN WITH INTELLECTUAL DISABILITIES <i>S. Ilina, A. Zarin, M. Chebotova</i>	2602
THE STEAM CONFERENCE: AN EVENT TO PROMOTE YOUTH TO EXPLORE STEAM RELATED FIELDS AND POTENTIAL CAREERS <i>M. Caplan</i>	2609
GENERAL EDUCATION OF CHILDREN WITH SEVERE AND MULTIPLE DEVELOPMENTAL DISORDERS IN RUSSIA: TEACHERS DEFINE MAJOR ISSUES <i>I. Ilina, A. Zarin, L. Petrova</i>	2619

READINESS OF POLISH AND UKRAINIAN YOUTH TO BE EDUCATIONALLY INTEGRATED WITH DISABLED PEERS <i>Z. Kazanowski</i>	2625
THE QUALITY OF LIFE OF YOUTH WITH VARIED SCALE HEARING IMPAIRMENT AS COMPARED WITH THE YOUTH HEARING PROPERLY – COMPARISON STUDY <i>D. Al-Khamisy</i>	2631
POE ONLINE: A DATABASE OF ILLUSTRATED EDITIONS FOR TEACHING PURPOSES <i>F. González Moreno, M. Rigal Aragón, B. González Moreno, A. Jaquero Esparcia, J.M. Correoso Rodenas, M.I. Jiménez González, R. Marín Ruiz</i>	2639
FAST-TRACKING THE TRACKERS: APPREHENDING AND COMPREHENDING ADVERTISING TRACKING PRACTICES IN EDTECH <i>J. Bronfman, G. Kelly, J. Graham</i>	2646
QUESTIONNAIRE FOR FUNCTIONAL ASSESSMENT OF COMMUNICATION SKILLS OF STUDENTS WITH ASPERGER'S SYNDROME - PSYCHOMETRIC ASSESSMENT OF THE TOOL <i>I. Konieczna, B. Marcinkowska, K. Smolinska</i>	2656
MODEL OF DIAGNOSIS AND SUPPORTING DEVELOPMENT OF COMMUNICATIVE COMPETENCE OF CHILDREN WITH ASPERGER SYNDROME <i>I. Konieczna, B. Marcinkowska, K. Smolinska</i>	2664
DEVELOPING A FARM BUSINESS SIMULATION GAME TO ENHANCE UNDERGRADUATE RISK MANAGEMENT LEARNING <i>E. Houk, J. Parsons, J. Hewlett</i>	2672
DEVELOPMENT FOR AN INTRODUCTORY ACTIVE LEARNING PROGRAM: UTILIZE A SHORT-TERM DESIGN PROJECT <i>K. Takemata, A. Minamide, A. Kodaka</i>	2673
THE UNIVERSITY'S WEBSITE AS A CHANNEL FOR THE IMPACT OF SOFT POWER ON INTERNATIONAL STUDENTS FROM CENTRAL ASIAN COUNTRIES <i>G. Savchuk, I. Britvina, V. Frants</i>	2679
BUILDING SOFT SKILLS OF STUDENTS AT A TECHNICAL UNIVERSITY <i>E. Leontyeva, A. Bogdanova, S. Khachin</i>	2685
A SMARTPHONE-BASED AUGMENTED REALITY SYSTEM FOR UNIVERSITY PHYSICS COURSE <i>Y. Daineko, M. Ipalakova, D. Tsoy, Y. Yelgondy, B. Zhandos, Z. Bolatov</i>	2691
COMPARISON OF PUBERTY KNOWLEDGE IN PRIMARY SCHOOL PUPILS IN THE CZECH REPUBLIC, CHINA, SPAIN AND SWEDEN <i>M. Rašková, A. Vavrdová</i>	2695
PROMOTING OF THE GEOSPATIAL METHODS: INTRODUCTION INTO INTERNATIONAL EDUCATIONAL COURSES IN ENVIRONMENTAL PROTECTION AND DISASTER RISK MANAGEMENT <i>A. Mansourian, P. Pilesjo, M. Runnstrom, R. Groth, J.G. Rocha, M. Santos, A. Vieira, M. Kavouras, M. Kokla, E. Tomai, E. Parseliunas, J. Suziedelyte-Visockiene, D. Popovas, R. Obuchovski, D. Slikas, J. Kozlovska, A. Buga, M. Matchanov, S. Avezov, M. Sultanov, D. Tilenova, R. Akmatov, E. Toktoraliev, G. Ergeshova, A. Nizamiev, R. Umaraliev, M. Bekaeova, S. Abdireimov, V. Statov</i>	2702
USING GAMIFICATION METHODS IN INFORMATION TECHNOLOGY EDUCATION <i>S. Ivanov</i>	2712
THE ROLE OF SCHOOL BELONGING IN ACADEMIC AND PSYCHOLOGICAL ADJUSTMENT IN STUDENTS DURING HIGH SCHOOL <i>G. Šeboková, M. Halamová, J. Uhláriková</i>	2719
FROM MODEL B TO MICRO:BIT – TEACHING COMPUTER SCIENCE <i>M. Ellis, G. Thompson, P. Haskell-Dowland</i>	2725
STRATEGY FOR CREATING AND MANAGING A UNIVERSITY IMAGE AS A KEY FACTOR IN ENHANCING LEARNERS CONFIDENCE IN THE EDUCATIONAL INSTITUTION <i>M. Pavlova, I. Pavlova, S. Tsekova</i>	2732
THE ROLE OF PARENTS IN THE PROCESS OF TRANSITION OF CHILDREN FROM FAMILIES TO NURSERIES <i>M. Miočić</i>	2736
TEACHERS' PERCEPTIONS ON SELF-DETERMINATION OF STUDENTS WITH VISION DISABILITY: THE ROLE OF SOCIAL ACCEPTANCE AND SELF-ACCEPTANCE <i>V. Argyropoulos, P. Thymakis</i>	2745

ACTIVITY-BASED COSTING AS AN ALTERNATIVE FOR THE EXISTING COST ACCOUNTING IN PUBLIC UNIVERSITIES IN POLAND – THE AUTHOR’S CONCEPTION OF IMPLEMENTING THIS COST ACCOUNTING AT THE UNIVERSITY <i>D. Moskwa-Bęczkowska</i>	2754
SELF-REGULATION AND SELF-ASSESSMENT OF THE COLLABORATIVE LEARNING COMPETENCE IN HIGHER EDUCATION FOR PRESERVICE TEACHERS <i>M.J. Hernandez-Serrano, M. Fuentes Agustí, N. Morales Romo, G. Parra Nieto, I. Vicario Molina</i>	2763
DIGITAL IDENTITY IN YOUNGER STUDENTS. ETHICAL EDUCATION FOR MANAGING THE CONSTRUCTION OF A SELF <i>A. B. González Larrea, M.J. Hernandez-Serrano, J.M. Muñoz Rodríguez</i>	2771
IMAGES OF THE MOODLE: SOCIAL REPRESENTATIONS OF HIGHER EDUCATION TEACHERS AND STUDENTS <i>C. Martins, C. Morais, L. Moreira</i>	2776
DESIGN THINKING AS A RESEARCH-METHOD TO DELIMIT THE REQUIREMENTS OF AN INTERACTIVE ENVIRONMENT FOR LEARNING ENGLISH IN EARLY CHILDHOOD THROUGH AUGMENTED REALITY <i>P. Harris</i>	2784
IMPROVEMENT OF CUSTOMER SERVICE SPECIALIST TRAINING DURING MERGER OF COMMERCIAL BANKS <i>S. Blumberga, A. Belavska</i>	2794
THE POSITION OF PERSONS CARING FOR A FAMILY MEMBER WITH DISABILITIES AS A PREREQUISITE FOR SUCCESSFUL SUPPORT IN EDUCATION <i>J. Michalík, I. Hrubešová, P. Jurkovičová, A. Silberová</i>	2800
WECHSLER INTELLIGENCE SCALE FOR CHILDREN AS A DIAGNOSTIC TOOL FOR SPECIFIC LEARNING DISORDERS <i>M. Jančiarová, M. Popelková</i>	2807
BLENDED LEARNING: FROM THEORY TO TEACHING PRACTICES. A CASE STUDY OF USING FACEBOOK TO SUPPORT BLENDED LANGUAGE LEARNING <i>V.T. Nguyen, T.H. Luu</i>	2813
COOPERATION BETWEEN SCHOOL (TEACHERS) AND PARENTS AS AN IMPORTANT FACTOR IN THE EDUCATION OF PUPILS WITH SPECIAL EDUCATIONAL NEEDS <i>J. Michalík, I. Hrubešová, M. Růžička, P. Baslerová</i>	2824
TRENDS IN UNIVERSITY TEACHING IN PHYSICS: INTERACTION AND GAMIFICATION <i>J.C. Jiménez-Sáez, S. Ramírez de la Piscina, M. Castellanos, P. Palacios</i>	2831
THE RELATIONSHIP BETWEEN MENTAL RESILIENCE AND STRESS: A FOCUS ON THE EXPERIENCE OF PARENTS OF CHILDREN WITH SPECIAL EDUCATIONAL NEEDS <i>M. Pardali, D. Paraskeva, N. Tzaberis</i>	2837
PRACTICUM AND DEVELOPMENT OF PROFESSIONAL COMPETENCES. THE CASE OF BUSINESS STUDENTS <i>M.T. Bartual-Figueras, P. Purroy-Sanchez, J. Turmo-Garuz</i>	2845
DESCRIPTIVE STUDY ON STUDENT ATTITUDES TOWARDS PREPARING AND CONDUCTING SEMINAR ACTIVITIES AT UNIVERSITY <i>M.C. Florescu, L.N. Bochis</i>	2851
ILSA – AN INTEGRATED LEARNING STYLES ANALYTICS SYSTEM <i>N. Zaric, S. Judel, R. Roepke, U. Schroeder</i>	2857
THE ROLE OF SCIENCE LEADERS IN THE CONTEMPORARY KNOWLEDGE SOCIETY <i>S. Denchev, D. Stoyanova, K. Bosakova</i>	2865
WORKING MODEL FOR ESTABLISHMENT AND VALIDATION OF SUSTAINABLE LEADERSHIP IMAGE FOR INDIVIDUAL POSITIONING IN THE UNIVERSITY INFORMATION ENVIRONMENT THROUGH CORPORATE COMMUNICATIONS APPROACHES <i>S. Denchev, I. Peteva, B. Tetevenska</i>	2869
A CASE STUDY OF A PROJECT BASED LEARNING ACTIVITY IMPLEMENTED IN A GEOTECHNICAL ENGINEERING COURSE <i>M. Miranda, A. da Costa, J. Castro, A. Saiz-Linares</i>	2878
A FORMATIVE EXPERIENCE IN REALITY AUGMENTED WITH PHYSIOTHERAPY DEGREE STUDENTS <i>V. Perez-Cabezas, R. Martín-Valero, C. Luque-Moreno, M.C. Ruiz-Molinero, A. Galan-Mercant, J.A. Moral-Muñoz, B.M. Nuñez-Moraleda</i>	2884

LEARNERS' COMMUNICATION TOOLS PREFERENCE -A COMPARISON BETWEEN INSTITUTIONAL LEARNING MANAGEMENT SYSTEMS AND INSTANT MESSAGING <i>S. Zaaruka, M. Mosha</i>	2889
ONLINE SOFTWARE FOR ERASMUS+ IN EUROPEAN UNION <i>J. Fabus, V. Fabusova, I. Kremenova, D. Tothova</i>	2894
NEWTON FAB LAB INITIATIVE: ATTRACTING K-12 EUROPEAN STUDENTS TO STEM EDUCATION THROUGH CURRICULUM-BASED FAB LABS <i>M.A. Togou, C. Lorenzo, M. Maddi, G. Cornetta, G.M. Muntean</i>	2901
PRINCIPAL COMPONENT ANALYSIS AND BLOOM TAXONOMY TO PERSONALISE LEARNING <i>D. Goštautaitė</i>	2910
DYNAMIC LEARNING STYLE MODELLING USING PROBABILISTIC BAYESIAN NETWORK <i>D. Goštautaitė</i>	2921
GENDER DIFFERENCES IN ATTITUDES TOWARDS STATISTICS IN SOCIAL SCIENCE DEGREES <i>F. Rejón-Guardia, G.A. Vich-I-Martorell, C. Juaneda, M. Cladera</i>	2933
MASTER PROGRAMS FOR INTERNATIONAL STUDENTS IN RUSSIA: BARRIERS AND CHALLENGES TO OVERCOME <i>S. Shchelokova, N. Dugalich, M. Kupriyanova, O. Kadilina</i>	2942
T.O.MM. FOR ALL. TESSELLATION ORIGAMI MULTIMODULAR EXPERIENCE TO LEARN MATHS AND DEVELOP REPRESENTATION SKILLS <i>M.L. Spreafico, U. Zich</i>	2946
THE CRAAP ANALYSIS AND BEYOND: MAKING INFORMATION LITERACY MEANINGFUL FOR UNDERGRADUATE RESEARCH WRITERS <i>N. Cook</i>	2955
REASONS FOR OVERCONFIDENCE IN MATHEMATICS TASK PERFORMANCE OF FRESHMEN <i>C. Eccius-Wellmann, P.S. Orenday, F. García</i>	2956
THE DEGREE COURSE IN PSYCHOLOGICAL SCIENCES AND TECHNIQUES OF SAPIENZA AND UNITELMA SAPIENZA UNIVERSITY OF ROME: TECHNOLOGY ENHANCED ACTIVE AND COLLABORATIVE LEARNING <i>N. Sansone, D. Cesareni</i>	2958
COLLABORATIVE PEER FEEDBACK FOR CONTINUOUS PRODUCT IMPROVEMENT IN A HIGHER EDUCATION COURSE <i>N. Sansone, D. Cesareni</i>	2962
APPLICATION OF PROJECT-BASED LEARNING IN AN ENGINEERING COURSE <i>R. Alfaro-Pozo, J. Bautista-Valhondo</i>	2966
THE ROLE OF HIGHER EDUCATION IN INFLUENCING THE POLITICS OF THE MIDDLE EAST: A COMPARATIVE EXAMINATION OF THE RUSSIAN AND TURKISH HIGHER EDUCATION MODELS <i>A. Kilani, M. Hawamdeh, A. Qteishat</i>	2967
REDEFINING TEACHING AND LEARNING VIA NEW INSTRUCTIONAL DESIGN TECHNOLOGIES <i>P. Roubides</i>	2973
MOBILE ACCESS TO INFORMATION SERVICES AND RESOURCES: THE LIBRARY EXPERIENCE <i>S. Denchev, I. Peteva, E. Tsvetkova</i>	2974
USE OF METHODOLOGIES ACTIVE IN THE TEACHING OF THE MASS AND ENERGY BALANCE DISCIPLINE <i>E.J. Candido Moraes, J.A. Conti Silva, L.F. Figueiredo Faria, M.A. Motta Barreto, D. Sávio Giordani</i>	2981
BIBLIOGRAPHY OF THE BULGARIAN REVIVAL (1801-1878) AND INFORMATION RETRIEVAL SYSTEM TECHNOLOGIES <i>V. Zagorov</i>	2985
AN ORIGAMI MODEL TO INVESTIGATE SQUARES: FROM GEOMETRY TO FRACTALS <i>U. Zich</i>	2990
EDUCATION AND PUBLIC POLICIES FOR THE ELDERLY <i>M.L. de Andrade Picanço Meleiro, E. P. de Medeiros Gil, S. A. Meleiro da Silva, I. Rodrigues Nascimento</i>	2999

SOFTWARE-ASSISTED LEARNING IN CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER: A REVIEW <i>F. Somma, A. Rega, A. Mennitto</i>	3004
IMPROVING STUDENTS' LEARNING EXPERIENCE IN A PROGRAMMING MODULE WITH MULTIMEDIA ASSISTED MATERIALS AND PROBLEM-BASED LEARNING <i>S. Sharma, N. Choudhary, D. Zhao, C.H. Muntean, G.M. Muntean</i>	3010
ARE INDUSTRIAL DOCTORATES CAPABLE OF OVERCOMING SKILLS MISMATCH? <i>O. Tavares, C. Sin, S. Cardoso, D. Soares</i>	3019
EDUCATION FOR A LIFE WITHOUT VIOLENCE IN THE ELDERLY <i>M.L. de Andrade Picanço Meleiro, E. P. de Medeiros Gil, S. A. Meleiro da Silva, I. Rodrigues Nascimento</i>	3025
USABILITY EVALUATION CASE STUDY IN TECHNOLOGY ENHANCED LEARNING LARGE-SCALE PILOT IN PRIMARY SCHOOLS <i>D. Bogusevschi, J. Playfoot, O. Finlayson, G.M. Muntean</i>	3029
STUDENT LEARNING IN BASIC IT COURSES. EVOLUTION AND IMPACT OF EDUCATIONAL 'BONUSES' <i>A.B. Andreica</i>	3038
A PROJECT-BASED LEARNING PATHWAY IN A BLENDED LEARNING COURSE IN MOODLE <i>M. Cronin, M. Caria</i>	3050
INJOY: INNOVATING THE JOY OF EATING FOR HEALTHY AGING. EIT HEALTH SUMMER SCHOOL <i>D. Stracker, C. Andres-Lacueva</i>	3057
TO EMBRACE CAREER DECISION MAKING IN STEM EDUCATION <i>N. Chelin, G. Matthiasdottir, Y. Serreau, L. Tudela, S. Rouvrais, K. Jordan</i>	3058
RELATION AMONG PEDAGOGY, SPACE AND TECHNOLOGY AND USERS. AN IMPLEMENTATION OF RADCLIFFE'S PST FRAMEWORK <i>A.G. Manciaracina</i>	3067
WORKING EFFECTIVELY WITH OTHERS THROUGH GAME BASED LEARNING <i>P. Martín-Hernández, J.L. Azkue-Beteta, M. Gil-Lacruz, A.I. Gil-Lacruz</i>	3074
VISUALIZATIONS IN PRIMARY EDUCATION. EFFECTS ON THE CONCEPTUAL UNDERSTANDING OF BASIC ASTRONOMY CONCEPTS FOR CHILDREN UP TO TEN YEARS OLD <i>M. Kanellidou, Z. Zacharia</i>	3080
MULTIMEDIA AND FRIENDSHIP- FROM REALITY OR FICTION <i>K. Nowak-Fabrykowski</i>	3085
SYMBOLIC ANALYSIS WITH MATLAB OF ELECTRICAL CIRCUITS CONSIDERING THE TWO-PORT NETWORK THEORY <i>J.A. Martínez-Martínez, M. Cañas-Carretón</i>	3089
MULTIMODAL TEXTBOOK "I SPEAK RUSSIAN AS A RUSSIAN: RUSSIAN IDIOMS IN USE": STRUCTURAL AND CONTENT COMPONENTS <i>E. Mikheeva, I. Kalinina, A. Fedorenkov</i>	3098
DOES GAMIFICATION ENHANCE TEAM WORK QUALITY AMONG HEALTH SCIENCES UNDERGRADUATES? <i>P. Martín-Hernández, A.I. Gil-Lacruz, J.L. Azkue-Beteta, M. Gil-Lacruz</i>	3105
GAMIFICATION AND EDUCATION: A STUDY OF THE EFFECTS ON STUDENTS SITUATIONAL MOTIVATION <i>R. Leitão, S. Turner, M. Maguire</i>	3110
THE REALIZATION OF THE TECHNOLOGY "PEDAGOGICAL PARTNERSHIPS OF PRE-SCHOOL AND PRIMARY STAGES OF EDUCATION" <i>E. Kovshar</i>	3119
NEW KNOWLEDGE AND SKILLS TO SECOND GRADE SOCIAL AND HEALTH CARE TEACHERS WITH UPDATING TRAINING <i>H. Hertell</i>	3126
MODERN SKILLS AND CONVERGENT ENVIRONMENT – SWOT ANALYSIS, TRENDS AND CHALLENGES IN VOCATIONAL EDUCATION AND TRAINING. A BULGARIAN EXPERIENCE <i>R. Vasileva, I. Yankova, S. Stancheva</i>	3130
E-LEARNING PLATFORMS – NEW SOLUTION FOR CONTINUOUS TRAINING OF ADULTS <i>T. Popa, O.S. Cupsa</i>	3140

VOLUNTEERING AIMED AT SOCIALIZATION OF STUDENTS WITH SEVERE AND MULTIPLE DEVELOPMENTAL DISORDERS UNDER THE CONDITIONS OF COOPERATION OF AN EDUCATIONAL INSTITUTION AND A PUBLIC ORGANIZATION	3146
<i>N. Shumskaia, E. Gaidukevich</i>	
THE IMPORTANCE OF INDUSTRY STANDARDS IN TRAINING ACTIVITIES	3151
<i>O.S. Cupsa, T. Popa</i>	
PERSONAL RESPONSE OF ADOLESCENTS WITH CEREBRAL PALSY TO A DEVELOPMENTAL DISORDER	3157
<i>N. Shumskaia, E. Gaidukevich</i>	
THE VALUE OF NEWS PROGRAMME VIDEOS AS A TOOL IN THE ENGLISH LANGUAGE TEACHING	3163
<i>E. Temyanikova, E. Stolyarova, M. Fedotova</i>	
EDUCATION WITHIN THE FRAMEWORK OF PREFIGURATIVE CULTURE: NEW RISKS AND NEW CHALLENGES	3168
<i>N. Novikova, T. Cherkashina, N. Karapetyan</i>	
INTERNATIONAL STUDENT MOTIVATIONS AND SATISFACTION WITH THE STUDY ABROAD PROGRAM	3175
<i>A. Mucsi, E. Malota, A. Török</i>	
CULTURE SHOCK AND SUBSEQUENT WORD OF MOUTH IN HIGHER EDUCATION	3180
<i>A. Mucsi, E. Malota, A. Török</i>	
EXTENDING DIPSEIL PERFORMANCE SUPPORT SYSTEM BY INTEGRATING QUIZ MODULE FOR BETTER LEARNING RESULTS	3185
<i>D. Stoyanova, N. Mileva, M. Milev</i>	
EXPLORING THE RELATIONSHIP BETWEEN INSTRUCTOR CREATED ONLINE VIDEO CHARACTERISTICS AND PEDAGOGY	3190
<i>T. Malhotra, A. Mann, T. Avery, C. Brett</i>	
USING ERP SOFTWARE IN TEACHING TO UNDERSTAND AND IMPROVE INDUSTRIAL LOGISTICS	3199
<i>L.G. Popescu, M. Inta</i>	
DIPSEIL QUIZ MODULE EFFICACY ON STUDENTS' LEARNING IN FUNDAMENTALS OF PROGRAMMING COURSE	3209
<i>D. Stoyanova, N. Mileva, M. Milev</i>	
COMMUNICATION IS THE GOAL: BARRIERS, MYTHS, AND MISCONCEPTIONS IN THE TEACHING OF ESL/EFL PRONUNCIATION	3213
<i>R. Allen, M. Benedetti</i>	
ENHANCING THE EMPLOYMENT CAPABILITY OF THE LABOR MARKET BY IMPROVING THE SKILLS AND PROFESSIONAL COMPETENCES OF THE LABOR AVAILABLE	3214
<i>L.G. Popescu, M. Inta</i>	
INNOVATIVE METHODS EFFICIENCY IN OBSTETRICIANS-GYNECOLOGISTS' POSTGRADUATE EDUCATION	3220
<i>V. Artyomenko, N. Shapoval, L. Mnih, A. Kozhukhar, Z. Chumak, N. Nastradina</i>	
A BEHAVIOURAL CAR-FOLLOWING MODEL AND SOLVING THE QUICK THINKING DRIVER MODEL	3226
<i>Z. Malacká</i>	
UNIVERSITY PUBLIC HEALTH EDUCATION AT SAN JORGE UNIVERSITY THROUGH PARTICIPATION IN A REAL CAMPAIGN FOR THE PROMOTION AND PREVENTION OF INFECTIOUS DISEASES IN THE DOMINICAN REPUBLIC	3231
<i>M.R. Pino-Otín, D. Ballesterro, D. Flores, E. Langa, E. Terrado</i>	
A FRAMEWORK TO TEACH ERP SYSTEMS IN AN UNDERGRADUATE BUSINESS SCHOOL	3236
<i>K. Leftheriotis, A. Triantafyllidis, E. Varouchas, G. Vranopoulos</i>	
RETHINKING THE ROLE OF SPECIAL EDUCATION WITHIN TEACHER EDUCATION PROGRAMS	3246
<i>B. Pohl, J. Kelly</i>	
FOSTERING CREATIVITY VIA TECHNOSELF ENHANCED LEARNING WITH EMERGING TECHNOLOGIES	3247
<i>L. Jin, K. Forrest</i>	
TRAINING STAFF TO SUPPORT SUCCESSFUL OUTCOMES FOR STUDENTS - AN AUSTRALIAN EDUCATION SUPPORT PROJECT	3255
<i>S. Chevalier</i>	

DIDACTIC MATERIALS THROUGH ARDUINO SHIELDS TO STIMULATE PROGRAMMING MOTIVATION	3265
<i>T.M. Santamaria, L. Montoya, S. Jacome, L. Benavides, V. González-Ruiz</i>	
EXPLORING FACTORS AFFECTING THE EMOTIONS OF MIDDLE SCHOOL STUDENTS TOWARD USING DIGITAL TEXTBOOKS	3273
<i>S. Lee, E. Sung</i>	
USING BOOKS, TABLES AND LIVE GRAPHS TO ENHANCE INTERACTIVE NOTEBOOKS FOR HEAT TRANSFER COURSES	3281
<i>R. Fernández-Flores, B. Hernández-Morales</i>	
SCHOOL DROPOUT: A CASE STUDY IN COLIMA, MEXICO	3287
<i>P.J. Mayoral-Valdivia, E. Flores-Hernández, C.A. Magaña-Figueroa, R.M. Pelaez-Carmona</i>	
CHANGING SPACES: ACADEMIC STAFF'S PERCEPTIONS OF CONVENTIONAL AND IMAGINED LEARNING ENVIRONMENTS	3293
<i>N. Sopromadze, N. Karodia, R. Butler, J. Rhodes, R. Prior, J. Stanley</i>	
CAREER GUIDANCE TECHNOLOGY OF BLUE-COLLAR PROFESSIONS FOR SCHOOLCHILDREN	3294
<i>D. Ilyasov, N. Yarychev, N. Skripova, N. Korzhova</i>	
STUDENTS PERSPECTIVE TOWARDS CONSTRUCTIVE ALIGNMENT FOR TEACHING DELIVERY AND ASSESSMENT CONDUCTED IN SCIENCE COURSE	3302
<i>Z.M. Zabidi, A.N. Alias, F.F. Ramli, T. Mohd, N.F. Mohamad Razi, N.B. Baharun</i>	
THE SCHOOL-UNIVERSITY-RESEARCH INTERACTION AS AN INSTRUMENT TO IMPROVE THE TRAINING OF STUDENTS BOTH IN HIGH SCHOOL AND UNIVERSITY	3308
<i>D. Ballester, M.R. Pino-Otín, E. Sánchez, E. Terrado, L. Sáez-Benito, J. Val</i>	
CULTURAL LITERACY EDUCATION IN LATVIA: CURRICULA REVIEW	3313
<i>A. Romanovska</i>	
THE PERCEPTION OF DEATH AMONG PUPILS IN THE 6TH YEAR OF PRIMARY SCHOOL	3322
<i>K. Šmakalová, J. Vala</i>	
METADISCIPLINARY ELECTIVE COURSES AS AN EFFECTIVE METHOD FOR THE IMPLEMENTATION OF THE EDUCATIONAL PROGRAM (ON THE EXAMPLE OF THE COURSE "SEMIOTIC CATEGORIES OF AN ARTISTIC POSTMODERN TEXT")	3328
<i>P. Pováľko</i>	
THE PERCEPTION OF WAR AMONG PUPILS IN THE 6TH YEAR OF PRIMARY SCHOOL	3334
<i>K. Šmakalová, M. Mašát</i>	
EVALUATION OF VIRTUAL REALITY AND AUGMENTED REALITY FOR TEACHING THE LESSON OF GEOMETRIC SOLIDS TO PRIMARY SCHOOL CHILDREN	3339
<i>E. Demitriadou, A. Lanitis</i>	
PROFESSIONAL DEVELOPMENT OF SCIENCE TEACHERS: A COMPARATIVE STUDY	3344
<i>S. İnci, V. Kaya</i>	
METAPHORIC PERCEPTIONS OF PRE-SERVICE ENGLISH TEACHERS ON INTERCULTURAL EDUCATION	3351
<i>S. Yıldız, S. İnci, K. Yıldız</i>	
PEDAGOGICAL IMPLICATIONS OF TRANSHUMAN AND POST-HUMANISTIC COGNITIONS ON MAN AND THE ROLE OF SCHOOL IN THE IMPLEMENTATION OF EDUCATIONAL VALUES	3361
<i>S. Kakuk, R. Jukić</i>	
THE INFLUENCE OF THE LABOR MARKET ON EDUCATION: A COMPARATIVE STUDY BY PR-TRAINERS FROM THE UNIVERSITIES OF EUROPE, RUSSIA AND THE USA	3372
<i>G. Savchuk, I. Britvina, A. Van Marsenille, O. Novoselova, V. Frants</i>	
LECTURER EVALUATIONS RESPONSE RATES – DREADED ADMIN RITUAL OR INFORMATIVE FEEDBACK?	3380
<i>S.N. Basson, B.J. van Wyk, H. Van Der Watt</i>	
COMPETENCE PROFILE OF PURCHASING PROFESSIONALS IN AUSTRIA	3388
<i>V. Koch</i>	
USING EVALUATIVE INDICATORS OF SCIENTIFIC JOURNALS TO IDENTIFY EMERGENT RESEARCH FRONTS IN SPECIAL EDUCATION	3394
<i>A.M. Úbeda-Sánchez, A. Fernández-Cano, Z. Callejas</i>	
SOCIALIZATION ROLE OF SCHOOL AND HIDDEN CURRICULUM	3404
<i>R. Jukić, S. Kakuk</i>	

THE EDUCATIONAL MATH BOARD GAME 3DM6	3413
<i>M. Almeida, P. Barros, A. Breda, H. Resende, E. Rocha</i>	
INTEGRATING BRIEF MINDFULNESS EXERCISES IN VIRTUAL LEARNING ENVIRONMENTS TO SUPPORT STUDENT MENTAL HEALTH AND WELLBEING	3421
<i>A. Coxon, K.R. Dyer, S. Mckenzie, J. Chung</i>	
MODERN TECHNOLOGIES IN TEACHING FOREIGN LANGUAGES TO STUDENTS OF THE DIGITAL GENERATION	3428
<i>O. Anyushenkova, O. Digtyar, E. Zakirova, N. Fomina, L. Esina</i>	
A DIGITAL PUZZLE GAME FOR THE ELDERLY	3435
<i>P. Barros, M. Almeida, A. Breda, E. Rocha</i>	
EDUCATIONAL COUNSELLING IN CZECH EDUCATIONAL SETTINGS FROM THE PERSPECTIVE OF PRIMARY SCHOOLS PUPILS	3444
<i>P. Ambrožová, M. Kaliba</i>	
PEDAGOGICAL THEORIES FOR E-LEARNING ENGINEERING DEGREES BASED ON REMOTE LABORATORIES: THE E-LIVES APPROACH	3451
<i>P. Ferreira, A. Fidalgo, M. Gericota</i>	
5G TECHNOLOGY AND ITS APPLICATION TO E-LEARNING	3457
<i>A. Baratè, G. Haus, L.A. Ludovico, E. Pagani, N. Scarabottolo</i>	
UNIVERSITY EDUCATION IN THE COURSE OF MANAGEMENT STUDIES WITH REGARD TO THE EXPLOITATION OF SOCIAL MEDIA POTENTIAL	3467
<i>M. Cholewa-Wiktor</i>	
TEACHING CHEMICAL BONDING THROUGH PROJECT-BASED LEARNING. II. WEIGHTING “KNOW HOW” AND “KNOW WHY” WITHIN THE PROJECTS	3473
<i>A. Mosquera, L. Estevez, A. Peña-Gallego, S. Losada-Barreiro, C. Bravo-Díaz</i>	
REVISITING FLIPPED LEARNING FRAMEWORK – DISRUPTION AND CHANGES	3479
<i>S. Sun, M. Smith</i>	
THEORY, INTERACTION, SIMULATIONS AND HANDS – ON EXPERIENCES: BLENDED LEARNING OF AN AUTOMATIC CONTROL COURSE	3484
<i>A. Gonzalez-Buelga, I. Lazar</i>	
EFFECTIVENESS OF MODULAR PHYSICAL COMPUTING TOOLS ON LEARNING MOTIVATION	3490
<i>C. Kim, G.W. Lim</i>	
EDUCATIONAL SOFTWARE TOOL FOR DIFFERENT WAVELET BASED METHODS: WAVDEC	3495
<i>E. Dumić, L. Havaš, D. Srpak</i>	
KNOWLEDGE WITHIN TRANSITIONS: KNOWLEDGE TRANSFER MANAGEMENT WITHIN THE PRIMARY TO SECONDARY TRANSITIONAL STAGE	3504
<i>K. Holland, S. Sun, A. Hosseinian-Far, N. Southwell, M. Smith</i>	
SCIENTIFIC METHOD CANVAS TO FOSTER SCIENTIFIC THINKING AND STEM VOCATIONS THROUGH VISUAL THINKING STRATEGIES	3510
<i>C. Bravo-Díaz, S. Losada-Barreiro, C. Bravo-Fernández, C. Fernández-Bravo</i>	
PERUSALL INTEGRATION FRAMEWORK	3516
<i>S. Sun, M. Smith</i>	
SOCIAL BELONGING AND INCLUSIVE PROGRAMME DELIVERY DESIGN FOR JOINT HONOURS	3525
<i>S. Sun, M. Smith</i>	
INTEGRATIVE TEACHING STRATEGIES FOR THE DEVELOPMENT OF COMPETENCIES THAT ALLOW HEALTH PROFESSIONALS TO FORM PART OF MULTIDISCIPLINARY TEAMS IN THE CARE OF CHRONIC PATIENTS	3530
<i>C. Gómez, N. Berenguer, C. Berzosa, D. Acebes de la Arada, M. Wozniak, A. Buesa, I. Arbonés, L. Sáez Benito</i>	
DIGITAL IMAGING IN THE TEACHING OF LABORATORY PRACTICES OF OPTICS II	3537
<i>C. Vázquez, J. Pérez, J. Espinosa, B. Domenech, C. Hernández</i>	
VISIBILIZING INVISIBLE DISEASES: FACE CHAGAS DISEASE	3544
<i>C. Gómez, I. Jimeno, L. De la Torre, M. Wozniak</i>	
IMPLEMENTATION OF OUTDOOR EDUCATION IN ROMANIAN EDUCATIONAL SYSTEM	3545
<i>D.N. Isopescu, C.M. Diaconu, I.R. Baciú</i>	
SENIOR STUDENTS’ STRATEGIES IN SOLVING PHYSICS PROBLEMS	3553
<i>L. Reddy</i>	

IMPROVING STUDENT LEARNING MOTIVATION BY BLENDING ONLINE LEARNING WITH ONSITE LABORATORY COURSE: CASE STUDY OF DIAMOND GRADING COURSE <i>A. Kiratisin</i>	3556
EXPLORING DIFFERENCES IN PREDICTORS OF ACADEMIC SUCCESS BETWEEN DIFFERENT GENERATIONS OF STUDENTS <i>D. Oreški, G. Hajdin</i>	3565
SOCIAL EXCLUSION OF MOTHERS OF ADULTS WITH PROFOUND INTELLECTUAL DISABILITY. PERCEPTION OF THE QUALITATIVE RESEARCH IN POLAND <i>D. Aksamit</i>	3573
SERVICE-LEARNING METHODOLOGY REINFORCES LONG-TERM SKILLS ACQUISITION <i>D. Ortiz-Masià</i>	3582
HIERARCHICAL SYSTEM FOR EVALUATING TESTS IN AN E-LEARNING SYSTEM USING AN EXPERT SYSTEM <i>B. Walek, V. Bradac, O. Pektor</i>	3586
ANXIETY SYMPTOMS IN PREGNANCY AND APPLIED PSYCHO-PHYSIOLOGY: A RESEARCH CONDUCTED ON A SAMPLE OF ITALIAN PREGNANT WOMEN <i>M. Pellerone, M. Pistillo</i>	3593
LEARNERS WITH IMPAIRED COGNITIVE PERFORMANCE IN THE CONTEXT OF NATIVE LANGUAGE EDUCATION IN THE CZECH REPUBLIC <i>E. Urbanovska, L. Hornikova, M. Ruzicka</i>	3601
SERVICE LEARNING METHODOLOGY REINFORCES THE ACQUISITION OF GENERAL AND SPECIFIC SKILLS <i>D. Ortiz-Masià</i>	3609
TEACHER AND ASSISTANT TEACHER IN JOINT EDUCATION IN THE CZECH REPUBLIC <i>M. Ruzicka, J. Stelzer, E. Urbanovska, P. Baslerová</i>	3613
THE RELATIONSHIP BETWEEN ADULT ATTACHMENT STYLE, HOMOPHOBIA AND ATTITUDES TOWARDS SAME-SEX COUPLES AS ADOPTIVE PARENTS: A RESEARCH CONDUCTED ON A GROUP OF ITALIAN YOUNG ADULTS <i>M. Pellerone</i>	3619
TEACHING STATISTICS USING TEAM-BASED POLLING <i>C. Kaur, M. Raghavan</i>	3628
USING LEARNING MODULES TO RAISE STUDENTS SCIENCE-RELATED CAREER AWARENESS <i>R. Soobard, T. Kotkas, K. Kask, A. Valdmann, M. Rannikmäe</i>	3629
PARENTAL ROLES AND ITS SUBJECTIVE CHANGES IN CHILDREN'S ENTRY TO KINDERGARTEN <i>V. Pacholík</i>	3638
INFLUENCE OF EPISTEMIC KNOWLEDGE IN THE DEVELOPMENT OF SCIENTIFIC PRACTICES: THE EPIS-PRACT PROJECT <i>B. Crujeiras-Pérez, L. Casas-Quiroga</i>	3645
A MODEL FOR INNOVATIVE, MULTI-COMPONENT, WEB-BASED PLATFORM FOR DEVELOPMENT, EXPLOITATION AND DISTRIBUTION OF INTERACTIVE E-LEARNING CONTENT AND KNOWLEDGE MANAGEMENT <i>I. Blagoev</i>	3651
VIRTUAL PRE-UNDERGRADUATE COURSE TO REDUCE FIRST YEAR STUDENTS' DROP-OUT <i>A. M. López, M. Abián, J. Delgado, P. Garrido, R. Igual, C. Medrano, I. Plaza</i>	3659
QUALITY CRITERIA FOR TEACHERS TO CHOOSE VIDEO TUTORIALS FOR DIFFERENT LEARNING SITUATIONS <i>I. Ratnayake, R. Bruder, F. Johlke, N. Feldt-Caesar</i>	3669
EFFECTIVE FLEXIBLE EDUCATION CONCEPT: VIRTUAL EDUCATION ENVIRONMENT SUPPORT OF STUDENTS CREATIVITY, FLEXIBILITY, ACTIVITY <i>P. Pavlasek, L. Hargas, D. Koniar, V. Paolaskova, S. Simonova, P. Spanik, T. Urica, A. Prandova</i>	3675
DETERMINING THE ROLE OF MICRO-LEVEL STRATEGIES IN DEVELOPING STUDENT TEACHERS' COMPETENCE FOR EDUCATIONAL TECHNOLOGY USE <i>P. Valli, S. Lähdesmäki, R. Valli</i>	3685
MODULAR EDUCATION MODEL: A PROCESS OF VIRTUAL ENVIRONMENT IMPLEMENTATION TO IMPROVE STUDENTS MOBILITY <i>P. Pavlasek</i>	3696

SUCCESS FACTORS FOR LEARNING WITH BUSINESS SIMULATION GAMES – A LITERATURE REVIEW	3706
<i>C. Aichinger, M. Docherty, D. Kronawettleitner, S. Mühlböck</i>	
REDUCTION OF THE GRADE OF UNCERTAINTY OF NURSING AND PHYSIOTHERAPY STUDENTS IN THE DEVELOPMENT OF THE FINAL PROJECT DEGREE AND MASTER’S THESIS	3711
<i>C. Luque-Moreno, J.A. Moral-Muñoz, A. Galan-Mercant, G. González-Medina, I. Carmona-Barrientos, M.C. Ruiz-Molinero, V. Perez-Cabezas</i>	
DIGITAL NOTE-TAKING AND INCLUSIVE TEACHING: INTERVENTIONS TO SUPPORT UNIVERSAL DESIGN FOR LEARNING	3715
<i>S. Belson</i>	
SCIENCE AND CINEMA: PHYSICS AND CHEMISTRY TEACHING IN SECONDARY SCHOOL THROUGH EVERYDAY IMAGES	3720
<i>C. Moron, P. Saiz, D. Ferrandez, A. Moron</i>	
E-LEARNING MODEL FOR PERSONALISED ONLINE EDUCATION BASED ON DATA ANALYSIS AND COMPETENCE PROFILE	3726
<i>G. Vassileva, V. Monov, I. Blagoev</i>	
MANAGERIAL COMPETENCIES IN THE 21ST CENTURY: A BIBLIOGRAPHIC REVIEW OF THE RESEARCH DOMAIN	3733
<i>P. Gamarra, M. Giroto, L.A. Seguí</i>	
CREATION OF PROGRAMS FOR DEVIANT BEHAVIOR PREVENTION IN SECONDARY SCHOOLS WITH DIFFERENT SYSTEMS OF UPBRINGING IN BULGARIA AND RUSSIA	3743
<i>V. Kovrov, G. Kozhukhar</i>	
EDUCATIONAL INTERVENTION FOR STUDENTS WITH ASD: EMOTION PRODUCTION AND RECOGNITION THROUGH THE BEE-BOT ROBOT	3750
<i>E. Pérez, A. Gilabert, G. Lorenzo Lledó, A. Lorenzo, A. Lledó</i>	
STUDY OF SPATIAL ABILITIES IN HIGH-SCHOOL STUDENTS	3759
<i>D. Ferrandez, I. Recalde, C. Moron, E. Yedra</i>	
CREATING A SAFE ENJOYABLE ENVIRONMENT FOR TEACHING AND LEARNING THROUGH THE USE OF RHYMES AND SONGS: AN INCLUSIVE PEDAGOGY PERSPECTIVE	3766
<i>B. Mabasa-Manganyi</i>	
DETECTION AND PREVENTION OF SOCIAL MEDIA CYBERCRIME AMONG STUDENTS	3773
<i>A. Lawal, N. Cavus</i>	
HOW TO ENSURE WORKING LIFE SKILLS IN HIGHER EDUCATION – PLANS IN A NEW HIGHER EDUCATION COMMUNITY IN TAMPERE, FINLAND	3780
<i>S. Leinonen, E. Pajarre, S. Kivimäki</i>	
TAXONOMIES AND TECHNOLOGIES IN TRAINING (OF MATHEMATICS)	3786
<i>T. Tonova, D. Petrova</i>	
EYE TRACKING THE BEHAVIOR OF LEARNERS WITH DIFFERENT LEVEL OF EXPERTISE IN A SIMULATION-BASED LEARNING ENVIRONMENT	3794
<i>T. Karafyllidis, E. Hatzikranielis, A. Molohidis</i>	
INNOVATIVE LEADERSHIP STRATEGIES AND SUSTAINABILITY OF SECONDARY EDUCATION IN CROSS RIVER STATE	3803
<i>U. Mbon, N. Ukpang, E. Ekanem</i>	
EXPRESSION OF PARENTS’ (CARERS’) PEDAGOGICAL EDUCATION IN ACTIVITY PLANNING DOCUMENTS OF PRESCHOOL EDUCATIONAL INSTITUTIONS OF LITHUANIA	3808
<i>S. Kovienė</i>	
CONCEPT AND IMPLEMENTATION OF A WEB BASED TOOL FOR THE DEVELOPMENT OF ONLINE GAMES FOR EARLY CHILDHOOD EDUCATORS	3817
<i>B. Penz, J. Mäkiö</i>	
FIRST-CYCLE STUDENTS’ REFLECTIONS IN THE ASPECT OF THE IMPROVEMENT OF THE ORGANIZATION OF PEDAGOGICAL PRACTICE	3827
<i>S. Kovienė, A. Plaušnaitienė</i>	
TEACHERS’ OWNERSHIP TOWARDS USING SOCIO-SCIENTIFIC ISSUES FOR AN ACTIVE INFORMED CITIZENRY	3834
<i>T.B.M. Chowdhury, J. Holbrook, M. Rannikmäe</i>	

INSTITUTIONAL RE-STRUCTURING AND DELIVERY OF 21ST CENTURY UNIVERSITY EDUCATION IN CROSS RIVER STATE <i>U. Mbon, G. Ukpabio</i>	3841
EDUCATIONAL BENEFITS, CHALLENGES, AND LESSONS LEARNED IN STARTING AND ADVISING A STUDENT VEHICLE DESIGN COMPETITION TEAM <i>N. Sebastijanovic</i>	3846
DESIGN THINK AND EDUCATION TECHNOLOGY: HOW VISUAL DESIGN CONTRIBUTES TO LEARNING <i>A. Kapoor, T. Avery, C. Brett</i>	3847
STUDENTS' ATTITUDE TOWARDS VIRTUAL LEARNING ENVIRONMENT IN HIGHER EDUCATION: INFORMATION LITERACY PERSPECTIVE <i>E.A. Akanda, M. Islam, N. Hasan, K. Fatima, D. Begum</i>	3855
IMAGODOLOGY OF RUSSIAN EDUCATIONAL PROGRAMS FOR ARMENIA AND GEORGIA IN THE MASS MEDIA. COMPARATIVE ANALYSIS <i>E. Martynenko, N. Parkhitko, D. Kurmanova</i>	3865
RESEARCH ABOUT BOOKSTORES READING SPACE ACCORDING TO YOUNG PEOPLE EXPERIENCE <i>P. Quarin, D.Q. Liu, K.S. Nam</i>	3871
INTEGRATION OF LEARNERS' SOCIO-CULTURAL EXPERIENCES IN LIFE SCIENCES CLASSROOMS: DO LEARNERS APPROVE? <i>L. Mavuru, S. Ramaila</i>	3878
EDUCATIONAL BACKGROUND OF MIGRANTS OF FOREIGN ETHNICITIES AS A FACTOR OF THEIR INTEGRATION INTO THE HOST COMMUNITY <i>I. Britvina, A. Britvin, E. Mogilchak</i>	3885
TEACHING REFLECTION AND REFRACTION LAWS TO THE UNGRADUATE STUDENTS OF THE PRIMARY EDUCATION <i>A. Andrade, L. Caramelo, A. Soares</i>	3889
LEARNING COLOURS WITH COLOURED SHADOWS, LIGHT FILTERS AND RGB ART <i>A. Andrade, A. Soares, L. Caramelo</i>	3896
POWER OF FEEDBACK – AGILE PROJECT LEARNING <i>E. Švejdárová</i>	3904
VECTOR EQUATION OF A LINE: A SCRATCH APPLICATION <i>C. Monteiro, P. Catarino, A. Soares, B. Fonseca</i>	3911
CROSS-INSTITUTION COLLABORATIONS FOR A FINAL YEAR PROJECT <i>M. Serrano Segarra</i>	3915
MOBILE DEVELOPMENTS TO SUPPORT LEARNERS IN MAINSTREAM EDUCATION <i>H. Boulton, D. Brown, M. Taheri, K. Isacker, A. Burton, N. Shopland</i>	3921
THREE CASE STUDIES ABOUT SCIENCE TEACHERS' SELF-DIRECTED PROFESSIONAL DEVELOPMENT TO IMPROVE STUDENTS' CAREER AWARENESS <i>K. Kask, A. Laius</i>	3928
INTERNET ACCESS AND USE: GENDER DIFFERENCES IN A PORTUGUESE HIGHER EDUCATION INSTITUTION <i>N.S. Morais, R. Raposo</i>	3935
THEORETICAL ASPECTS AND PROBLEMS OF THE RUSSIAN EDUCATIONAL SYSTEM MODERNIZATION <i>E. Martynenko, N. Parkhitko, G. Kurmanova</i>	3941
SCRATCH: A STUDY WITH STUDENTS WITH LEARNING DIFFICULTIES <i>R. Oliveira, B. Fonseca, P. Catarino, A. A. Soares</i>	3947
EDUCATE THE PUBLIC ADMINISTRATION IN THE USE OF NEW METHODOLOGIES <i>F.M. Ugliotti, A. Osello</i>	3957
INCREASING STUDENT ENGAGEMENT WITH FORMATIVE ASSESSMENT THROUGH THE APPLICATION OF SCREEN CAST VIDEO FEEDBACK - A CASE STUDY IN ENGINEERING <i>J. Ross, S. Lancaster</i>	3962
DEVISING A UNIQUE MODEL FOR SCIENCE OUTREACH PROGRAMMES WITH CRITICAL ENGAGEMENT FROM TEACHERS ACROSS THE 5-19 AGE RANGE <i>V. Brennan, A. Mallaburn, L. Seton</i>	3972
RECENT TRENDS IN STRATEGIC HUMAN RESOURCE MANAGEMENT EDUCATION FROM THE PERSPECTIVE OF APPLIED POSITIVE PSYCHOLOGY <i>M. Yiksel</i>	3973

IMPLEMENTING MULTIDISCIPLINARY CIRCULAR ECONOMY PILLS IN THE CLASSROOM TO FOSTER ENVIRONMENTAL SUSTAINABILITY	3976
<i>S. Scarpellini, P. Portillo-Tarragona, M. Marco-Fondevila, L.M. Marín-Vinuesa, J. Valero-Gil, E.M. Llera-Sastresa, I. Zabalza-Bribián, F. Llena-Macarulla, J.A. Aranda-Usoń</i>	
TO WHAT EXTENT CAN THE EXPERIENCE OF OUTDOOR LEARNING CONTEXTS PREVENT PERMANENT SCHOOL EXCLUSION FOR OLDER LEARNERS? A VISUAL ANALYSIS	3985
<i>H. Knowler, I. Lazar, D. Cortese, J. Dillon</i>	
WHAT INFORMATION DO TOURISTS EXPECT TO HAVE ACCESS TO WHILE VISITING WORLD HERITAGE SITES?	3993
<i>N. Cavalheiro, H. Rodrigues, L. Rodrigues</i>	
NEW TECHNOLOGIES FOR STIMULATION OF STUDENT ENGAGEMENT	4000
<i>R. Fernández-Marín, A. Morales, M. González-Alriols, R. Llano-Ponte</i>	
QUESTIONING VYGOTSKY'S MORE COMPETENT PEER IN THE SCAFFOLDING RELATIONS	4005
<i>S. Pereira, T. Ventura</i>	
A FLIPPED LEARNING EXPERIENCE IN EMBEDDED SYSTEMS IN MASTER DEGREES IN COMPUTER ENGINEERING	4014
<i>J. Molleda, C. Gil</i>	
A MODEL TO PERSONALIZE EDUCATIONAL AND PLAYFUL ASPECTS IN SERIOUS GAMES	4022
<i>P. Valentin, L. Capus</i>	
REVALIDATION OF THE ACADEMIC QUALITY OF LIFE QUESTIONNAIRE FOR STUDENTS ATTENDING PORTUGUESE POLYTECHNIC HIGHER EDUCATION INSTITUTIONS	4030
<i>M. Ferreira, S. Campos, R. Guiné, J. Duarte, J.L. Abrantes, L. Cabral</i>	
FACTORS SHAPING TEACHERS' EXPERIENCES IN MANAGING TEACHING IN THE ERA OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) INTEGRATION ACROSS THE CURRICULUM	4041
<i>B. Kafu-Quvane, V. Chikoko</i>	
HIGHER EDUCATION STUDENTS' CONSUMPTION HABITS AND LIFESTYLES	4048
<i>P. Rodrigues, M. Ferreira, J. Bastos</i>	
TEACHING INNOVATION: OPINION AND ANALYSIS OF THE STUDENTS' ACADEMIC PERFORMANCE	4049
<i>E. Ausó Monreal, J.V. García Velasco, V. Gómez Vicente, A. Angulo Jerez</i>	
C-EXTENDED: EXTENDING THE ERASMUS EXPERIENCE BEYOND MOBILITY	4053
<i>M. Marchese, L. Angeli, M. Ilieva, Y. Huang, A. van de Ven, A. Pina Stranger, B. Palm, K. Fobelets</i>	
EDUCATIONAL INNOVATION: STUDY OF THE ATTENTION OF THE UNIVERSITY STUDENT IN THE CLASSROOM. USE OF THE KAHOOT	4062
<i>E. Ausó Monreal, J.V. García Velasco, V. Gómez Vicente, A. Angulo Jerez</i>	
LEARNING ACTIVITIES DESIGN BASED ON THE CONCEPT OF LEARNING WITH TECHNOLOGIES	4066
<i>F.A. Costa, J. Viana, T. Tréz, C. Gonçalves, E. Cruz, C. Pereira</i>	
LEARNING GEOLOGY FROM PLAY AND EXPERIENCE - A RESEARCH ACTION PROCESS FOR A GEOLOGY PROPOSAL IN THE LAB 0_6 SPACE	4074
<i>G. Lemkow, C. Montiel, B. Mur</i>	
IMPACT OF THE UNIVERSITY ON THE CREATIVE THINKING OF STUDENTS AND THE CREATIVITY IN THE REGION	4081
<i>T. Corejova, M. Rostasova, J. Ciba</i>	
A DAY AT THE MUSEUM. LABORATORY TEACHING IN THE MUSEUM OF ZOOLOGY AT THE UNIVERSITY OF PADUA FOR PRIMARY SCHOOL	4089
<i>G. Palmieri, P. Irato, P. Nicolosi, G. Santovito</i>	
THE DIGITAL TRANSFORMATION ROADMAP IN ERASMUS MOBILITY APPLICATION PROCEDURES: TRANSFORMING PAPER-BASED WORKFLOWS INTO WEB-BASED INTEGRATED APPLICATIONS	4098
<i>A. Cardoso, I. Seruca</i>	
DISCOVERING LIVING ORGANISMS: A DIDACTIC RESEARCH TO INTRODUCE BIOLOGY IN KINDERGARTEN	4108
<i>F. Lui, P. Irato, G. Santovito</i>	
LANGUAGE LEARNING TOOL BASED ON AUGMENTED REALITY AND THE CONCEPT FOR IMITATING MENTAL ABILITY OF WORD ASSOCIATION (CIMAWA)	4118
<i>H. Abu Rasheed, J. Zenkert, C. Weber, M. Dornhöfer, A. Klahold, M. Fathi</i>	

BUILDING COLLABORATIVE ONLINE COMMUNITIES THROUGH DIGITAL MOMENTS <i>W. Barber, R. Kay</i>	4126
TYOLOGY OF PUPILS' QUESTIONS ON THE FIRST LEVEL OF PRIMARY SCHOOL <i>K. Smejkalova, H. Lukasova</i>	4133
AUGMENTED REALITY IN THE INTERVENTION OF STUDENTS WITH AUTISM SPECTRUM DISORDER THROUGH SCIENTIFIC PRODUCTION <i>A. Gilabert, E. Pérez, A. Lorenzo, A. Lledó, G. Lorenzo Lledó</i>	4137
THE CONTRIBUTION OF HISTORY OF DESIGN FOR THE FASHION LEARNING <i>C. Assis Peres Silva, G. Costa Pinheiro Monteiro</i>	4145
SOLVING NON-STANDARD TASKS AS AN EDUCATIONAL SITUATION IN MATHEMATICS EDUCATION <i>M. Skultety</i>	4154
SCENARIOS OF CHOICE: USING SOFTWARE TO TEACH NARRATIVE DECISION MAKING <i>D. Vampola</i>	4162
DIGITAL TECHNOLOGIES IN MATHEMATICS TEACHING AT PRIMARY SCHOOLS <i>J. Hodanova, H. Hyksova, M. Skultety</i>	4168
ANALYZING THE EFFECTIVENESS OF USING ENHANCED ACTIVITIES WITH SIMULATION SOFTWARE IN A MOOC <i>M. Morales Chan, M. De la Roca, R. Barchino Plata, A. Medina Merodio, H. Amado Salvatierra</i>	4173
INFORMATION TECHNOLOGY USAGE FOR TRAINING STUDENTS IN THE FIELD OF STATE AND MUNICIPAL MANAGEMENT <i>T. Rezer</i>	4179
ETHICS EDUCATION IN THE SELECTED ARMED AND DEFENCE FORCES – COMPARATIVE STUDY <i>Z. Mikulka, I. Nekvapilová, J. Fedorková</i>	4183
ASSESSMENT OF ENTREPRENEURIAL EDUCATION IN HIGHER EDUCATION INSTITUTIONS, USING HEINNOVATE <i>T. Paiva, T. Felgueira, C. Alves</i>	4190
LEARNING OF CLINICAL OPTOMETRY IN A SOCIO-HEALTH CONTEXT <i>C. Vázquez-Sánchez, L. Gigirey Prieto</i>	4200
A MODEL TO EVALUATE THE USE OF COMMUNICATION TECHNOLOGIES IN THE COMMUNICATION BETWEEN STUDENTS AND TEACHERS IN HIGHER EDUCATION <i>H. Santos, J. Batista, R. Marques</i>	4209
ASSESSING TRANSVERSAL COMPETENCES OF NOVEL DEGREE OF GASTRONOMY AND CULINARY ARTS STUDENTS THROUGH THE TEACHING STAFF COORDINATION <i>A. Valdés García, L. Vidal Martínez, M. Tormo Santamaria, S. Maestre Pérez, A. Beltrán Sanahuja</i>	4217
STUDENTS' TOURISM COMPETENCES IN INTERNSHIPS BY GEOGRAPHIC VARIABLES <i>J. Sales-Zaguirre, R. Ferreras-García, E. Serradell-López</i>	4226
IMPLICATIONS OF UNIVERSAL DESIGN FOR LEARNING INFUSED COLLABORATIVE LEARNING APPROACH ON STUDENT ENGAGEMENT AND LEARNING IN PRIMARY EDUCATION <i>T. Afzal, A. Kiran, M. Sajjad, A. Khan</i>	4231
ADEC, A LEARNING BY DOING EXPERIMENTAL WORKSHOP ON NATURAL SCIENCES TO IMPROVE CAPABILITIES AND SCIENTIFIC SKILLS OF PRIMARY SCHOOL TEACHERS <i>J. Donoso, L. Ferrer, V. Eim, C. Palomino, R. Casasnovas, J. Moreno, L. Mariño</i>	4240
A COLLABORATIVE TEACHING NETWORK AS AN OPPORTUNITY FOR DEVELOPING TRANSVERSAL ACTIVITIES IN ORDER TO IMPROVE STUDENT'S SKILLS <i>A. Valdés García, L. Vidal Martínez, M. Tormo Santamaria, S. Maestre Pérez, A. Beltrán Sanahuja</i>	4249
LEARNING ABOUT THE DEVELOPMENT OF PREECLAMPSIA WITHIN VIRTUAL COMMUNITIES <i>I. Marin, N. Goga</i>	4258
APPLICATION OF PUBLIC ADMINISTRATION MECHANISMS FOR THE DEVELOPMENT OF THE EDUCATIONAL POTENTIAL OF ELDERLY CITIZENS IN THE FOREIGN AND RUSSIAN EXPERIENCE <i>L. Voronina, T. Rezer</i>	4264

ON HOW TO EMPOWER ARCHITECTURAL STUDENTS THROUGH THE USE OF IMMERSIVE TECHNOLOGIES	4269
<i>C. Lorenzo, E. Lorenzo</i>	
PERFORMING ARTS AND LANGUAGE EDUCATION IN THE GLOBAL UNIVERSITY OF XXI CENTURY	4275
<i>G. Zhukova, M. Ono</i>	
SCIENCE-CITIZENSHIP, TRAINING AND ENCOURAGEMENT OF VOLUNTEERING IN BRAZILIAN NATIONAL PARKS	4281
<i>N.N. Rumemos, M.L. Spazziani</i>	
VISUALS VERSUS TEXTUAL ELEMENTS IN UNIVERSITY MATHEMATICS TEXTBOOKS	4289
<i>N. Kulcsár</i>	
ENVIRONMENTAL EDUCATION AND ECOTOURISM: THE PERSPECTIVE OF VISITORS IN A BRAZILIAN NATIONAL PARK	4295
<i>M.L. Spazziani, N.N. Rumemos, M.G. Mello, P.F.V. Felício</i>	
SOME ASPECTS OF READING AND ANALYZING THE LITERARY TEXTS IN TEACHING RUSSIAN AS A FOREIGN LANGUAGE	4306
<i>O. Starostina, G. Chumakova, I. Galiulina</i>	
COMPETENCY IN NUGGETS FOR CYBER SECURITY TRAININGS	4311
<i>E. Kovatcheva, W. Dimitrov, M. Koleva, I. Kostadinova, I. Getova</i>	
CULTURAL AND HISTORICAL HERITAGE IN VIRTUAL ENVIRONMENTS. CREATION OF VIRTUAL LEARNING COLLECTIONS	4319
<i>S. Vasileva, M.S. Nikolova</i>	
THE IMPORTANCE OF COMPARATIVE ANALYSIS OF LINGUISTIC SYSTEMS IN TEACHING RUSSIAN AS A FOREIGN LANGUAGE	4323
<i>G. Chumakova, O. Starostina, I. Galiulina</i>	
A PROPOSED PARADIGM OF TASK BREAKDOWN IN SOLVING PROBLEMS TO ENHANCE TEACHING AND LEARNING	4328
<i>E. Glakpe</i>	
ELECTIVE COURSES IN A MIXED GROUP OF STUDENTS: TOWARDS INNOVATIVE TEACHING PRACTICES	4337
<i>A. Vodyanitskaya, N. Beclemesheva, M. Fomina, V. Yaremenko</i>	
ROLE PLAYING AS A TOOL TO OVERCOME "EMOTIONAL BURNOUT" OF "SATORI GENERATION"	4343
<i>N. Novikova, T. Cherkashina, E. Budanova</i>	
INTERCULTURAL EDUCATION ON THE WAY TO CROSS-CULTURAL PROSPECTS	4348
<i>L. Borbotko, E. Vishnevskaya, E. Nersesova</i>	
COMPARATIVE STUDY OF SPANISH SCIENTIFIC PRODUCTION IN ICT AND INNOVATION IN HIGHER EDUCATION IN THREE SCIENTIFIC DISCIPLINES THROUGH THE WEB OF SCIENCE BETWEEN 2004-2018	4353
<i>J. Haba-Osca, F. González-Sala, J. Osca-Lluch</i>	
DISTANT ASSESSMENT: PARTICIPATION, PROGRESS, ACHIEVEMENT	4359
<i>L. Borbotko, E. Vishnevskaya, E. Nersesova</i>	
TOON BOOM – THE CONSEQUENCES: AN ANALYSIS OF FACTORS AFFECTING TALENT SHORTAGES IN THE IRISH ANIMATION INDUSTRY	4366
<i>E. Mernagh, M. Jennings</i>	
WE CAN DO IT: MASS TRAINING UNDERGRADUATES IN LEARNING MANAGEMENT SYSTEM USAGE	4375
<i>J. Klindžić, J. Lasić-Lazić, M. Banek-Zorica, M. Perković</i>	
APPLICATION OF FINANCIAL MANAGEMENT AND CONTROL IN INSTITUTIONS OF EDUCATION IN THE REPUBLIC OF SERBIA	4382
<i>J. Eremic Djodjic, I. Bosnjak, S. Rakocevic, S. Popovic, O. Sedlak, Z. Ciric, A. Tomic</i>	
ASSESSING THE ENTRY COMPETENCES OF DATA SCIENCE MASTER PROGRAM POTENTIAL STUDENTS	4389
<i>K. Rasheva-Yordanova, S. Toleva-Stoimenova, I. Kostadinova, D. Christozov, B. Nikolova</i>	
MATHEMATICAL MODELS OF LEARNING ANALYTICS FOR MASSIVE OPEN ONLINE COURSES	4395
<i>E. Sinitsyn, A. Tolmachev, V. Larionova, A. Ovchinnikov</i>	
UNIVERSITIES AS PROMOTERS OF SUSTAINABLE DEVELOPMENT	4405
<i>D. Popa, G.M. Moraru</i>	

THE APPLICATION OF ACTIVE METHODOLOGIES IN UNIVERSITY STUDIES: APPLICATION TO AN ENGINEERING DEGREE <i>F. Sánchez, M.B. Etxebarria, E. Zarrabeitia</i>	4410
TEACHING PRE-TRANSLATION ANALYSIS OF THE ORIGINAL TEXT <i>O. Suleimanova, A. Vodyanitskaya, N. Beclemesheva, M. Fomina</i>	4418
PREECLAMPSIA COUNSELING VIA CHATBOT FOR PREGNANT WOMEN <i>I. Marin, N. Goga</i>	4424
COMPARISON OF TYPE OF THE MEDIA USED FOR TRANSFER AND CONTENT BEING READ AND USED IN HIGH SCHOOL ENVIRONMENT <i>G. Sirovatka, V. Mičković</i>	4428
A COMPREHENSIVE MODEL FOR QUALITY EVALUATION OF DISTANCE LEARNING <i>S. Gaftandzhieva, R. Doneva, G. Totkov</i>	4433
MEASURING AND MITIGATING RACIAL PREJUDICES BY MEANS OF SERIOUS VIDEO GAMES <i>D. Vassileva</i>	4443
USE OF DIGITAL TECHNOLOGIES IN THE ANDEAN REGION <i>E. Gallardo-Echenique, M. Bullen, J. Zottmann, M. Anchapuri</i>	4450
GETTING LOST IN TIME AND SPACE ' SITTING NOWHERE IN A CLASSROOM ' <i>N.C. Brutscher</i>	4456
CURRENT STATE OF VISUALIZATION OF MORPHOLOGICAL ELEMENTS OF THE ORBITAL CAVITY, WITH STATE-OF-THE-ART TECHNOLOGY, FOR TEACHING PURPOSES <i>B. Framiñán Aparicio, J.A. Juanes Méndez, A. Framiñán de Miguel</i>	4462
CONNECTING WITH OUR STUDENTS: HOW TO PROMOTE A MORE CONSCIOUS TEACHING / LEARNING PROCESS <i>E. García-Sánchez, C. Gil-Montoya, M.D. Gil-Montoya, R.Á. Pulido-Moyano, M.Á. Iniesta-Bonillo, C. Águila-Soto</i>	4468
APPLICATION OF PROMOTIONAL MARKETING ACTIVITIES TO INDUSTRIAL DRAWING COURSES IN ENGINEERING GRAPHICS <i>C. Martín-Doñate, F. Lucena-Muñoz, L. García-Cabrera, A. Mesa-Villar</i>	4473
IMPORTANCE OF LOGICAL-MATHEMATICAL ALGORITHMS IN SCHOOL MATHEMATICS <i>D. Starja, N. Nikolova</i>	4482
APPLICATION OF A LEARNING MODEL BASED IN ENGINEERING PROJECTS TO THE FIELD OF INDUSTRIAL DRAWING <i>C. Martín-Doñate, L.G. García-Cabrera, F. Lucena-Muñoz, J.M. Mercado-Colmenero</i>	4490
PSYCHOLOGICAL LITERACY FOR ALL: AN OVERVIEW OF THIS 'LITERACY' AND HOW IT IS RELEVANT FOR STUDENTS OF ALL DISCIPLINES <i>J. Taylor</i>	4497
GIFTED AND TALENTED IN MATHEMATICS DO NOT ONLY NEED HARD WORK, BUT SMART WORK AS WELL <i>D. Starja, N. Nikolova, B. Shyti</i>	4502
PERCEIVED EMPLOYABILITY OF COMPUTER SCIENCE GRADUATES: AN ACADEMIC PREDICAMENT <i>S. Kalra</i>	4503
EXAMINING GRIT, GROWTH MINDSET, HARDINESS AND RESILIENCE IN ONLINE LEARNING ENVIRONMENTS: A REVIEW OF THE RESEARCH <i>W. Barber, R. Kay, J. Harvey</i>	4510
PROMOTING EMPLOYABILITY OF GENERATION Z – THE CONTRIBUTION OF A MENTOR'S PROGRAM <i>A.C. Rodrigues, A. Mesquita, P. Peres</i>	4517
INNOVATIVE METHOD OF TEACHING BASED ON POLYCODE TEXTS <i>N. Novospasskaya, ZOU. Huajing, N. Perfilieva, O. Lazareva</i>	4524
ENHANCEMENT OF REFLECTIVE EXPERIENTIAL LEARNING VIA NEW TECHNOLOGIES <i>A. Morales, R. Fernández-Marín, L. Sillero, I. Egiies, M.A. Andrés</i>	4529
SENSE OF COHERENCE AND SOCIAL COMPARISON IN THE CLASSROOM: THE COMPARATIVE STUDY ON STUDENTS WITH AND WITHOUT DYSLEXIA <i>U. Gosk, M. Dominiak-Kochanek, M. Rutkowska</i>	4535

SEARCHING FOR MEANING IN GRAMMAR SCHOOLING DEEP STRUCTURE <i>D. Pochettino</i>	4542
EFFECTIVE TEACHING METHODS IN THE ACQUISITION OF VOCABULARY FOR SPECIFIC PURPOSES FOR STUDENTS AT NON-PHILOLOGICAL UNIVERSITIES <i>A. Klimentova, K. Klimentova</i>	4550
ACTIONS IDENTIFIED BY PRE-SERVICE TEACHERS IN A DECISION-MAKING PROCESS RELATED TO NUCLEAR WASTE MANAGEMENT <i>N. Díaz-Moreno, B. Crujeiras-Pérez, C. Martín-Gamez, A. Fernández-Oliveras</i>	4555
IS BAD CHOLESTEROL A REAL BIOMOLECULE? <i>M.P. Ribate, B. Giner, L. Lomba, D. Flores, C.B. García</i>	4560
ACCESSIBLE AROMATHERAPY WORKSHOP <i>C.B. García, V. López, F. Les, M.P. Ribate</i>	4566
FROM CONCEPTIONS TO PRACTICES OF PEDAGOGICAL DIFFERENTIATION IN BASIC EDUCATION <i>A. Silva, C. Pereira</i>	4570
THE INFLUENCE OF EUROPEAN PUBLIC POLICIES ON SCIENCE, TECHNOLOGY AND INNOVATION ON THE DOMESTIC LEVEL <i>M. Manatos, T. Carvalho, A. Queirós</i>	4577
TEACHING AND LEARNING IN A DESIGN COURSE: A CASE STUDY <i>L. Selau, J. Linden, C. Duarte</i>	4584
FUNCTIONING OF ADULT SIBLINGS OF PEOPLE WITH INTELLECTUAL DISABILITY IN THE AREA OF PARTNER AND SOCIAL RELATIONSHIPS <i>K. Kruš-Kubaszewska</i>	4592
A BUSINESS SCHOOL INSIDE A REGULAR CLASS <i>A. Montero, J.L. Rodríguez-Sánchez, R. Gallego</i>	4602
VERBAL-ACOUSTIC DIFFERENTIATION IN PAIRS OF WORDS <i>S. Grofčíková, M. Máčajová</i>	4610
EDUCATE TO INNOVATE: WORKING WITH TEACHERS TO DEVELOP INNOVATIVE AND SUSTAINABLE TECHNOLOGY ENHANCED LEARNING <i>M. Pullen, C. Jones</i>	4618
RESEARCH OF ABILITY TO IDENTIFY THE FIRST SOUND IN THE WORD AS A PART OF PHONEMIC AWARENESS ASSESSMENT IN SLOVAK PRESCHOOL AGE CHILDREN <i>M. Máčajová, S. Grofčíková</i>	4623
DESIGNING ENGAGING ONLINE ASSESSMENTS TO REDUCE CONTRACT CHEATING IN HIGHER EDUCATION <i>C. Lawson</i>	4631
INITIATIVE AND SECOND LANGUAGE ACQUISITION IN LINGUISTICS AND NON-LINGUISTICS STUDENTS <i>A. Krupnov, I. Novikova, N. Berisha, A. Novikov</i>	4635
TRANSNATIONAL COOPERATION ACTIVITIES UNDER ERASMUS+, THE CASE STUDY OF PORTUGAL <i>T. Nogueiro, A. Esteves</i>	4643
MATHEMATICS AND MUSIC IN THE CLASSROOM <i>A. Silva, A. Soares, P. Catarino, B. Fonseca</i>	4650
LEADERSHIP STYLE AS IT RELATES TO SCHOOL CLIMATE AND THE IMPACT ON STUDENT ACHIEVEMENT <i>M. Dono-Koulouris, A. Martino</i>	4661
TEACHERS' REPRESENTATIONS ABOUT COMPUTATIONAL MATHEMATIC FROM A COMPLEXITY PERSPECTIVE IN MECHANICAL ENGINEERING CAREER <i>M. Dádamo</i>	4668
ELEMENTS THAT MAY LIMIT OR PREVENT THE ACCEPTANCE OF ONLINE FINANCIAL SERVICES BY INTERNET USERS <i>M.J. Araiza-Vazquez, J.F. Ramirez-Ramirez, M.E. Brosig-Rodriguez</i>	4677
ACCESSIBILITY ANALYSIS OF ELECTRONIC DOCUMENTS PUBLISHED IN EDUCATIONAL WEB PORTALS: THE ECUADORIAN CASE <i>M. Campoverde-Molina, S. Luján-Mora, L. Valverde García</i>	4686
WEB ACCESSIBILITY IN THE WEB PORTALS OF THE EDUCATIONAL INSTITUTIONS OF ECUADOR. PRELIMINARY ANALYSIS <i>M. Campoverde-Molina, S. Luján-Mora, L. Valverde García</i>	4697

A FLIPPED CLASSROOM IN LAW TEACHING	4708
<i>M.J. Mimoso, M.R. Anjos</i>	
EMPLOYERS' PERCEPTIONS OF TECHNOLOGY COMPETENCY AND GRADUATES' READINESS: A MULTI-DISCIPLINARY, QUALITATIVE ANALYSIS IN THE SOUTHEASTERN UNITED STATES	4713
<i>M. Maghiar, X. Song, C. Brown</i>	
DEVELOPMENT OF COMPETENCES IN NATURAL SCIENCES FROM THE INTEGRAL PROFESSIONAL TRAINING OF NATIONAL LEARNING SERVICES (SENA) IN COLOMBIA	4721
<i>R.F. Quintana Arias, S. Castañeda Torres</i>	
COMPETENCE DEVELOPMENT IN CHEMICAL ENGINEERING	4730
<i>R. Nava, D. Camacho, R.D. Santiago-Acosta</i>	
DISCERNMENT OF DIGITAL COMPETENCES IN STUDENTS OF A BUSINESS SCHOOL	4737
<i>M.J. Araiza-Vazquez, E.Y. Pedraza-Sánchez</i>	
EXPANDING WORK PLACE LEARNING FOR ENABLING STUDENTS: AN INNOVATIVE AND SCALABLE SOLUTION FOR UNDERREPRESENTED STUDENTS AT AN AUSTRALIAN UNIVERSITY	4748
<i>B. Price</i>	
SOCIAL PROFILE OF MODERN SCHOOLERS AS EDUCATIONAL RESOURCE FOR MUSEUM PEDAGOGY	4758
<i>E. Polyudova, E. Olesina</i>	
IMPACT OF GLOBAL MEDICAL SERVICE TRIPS ON PHYSICIAN CAREERS OF MEDICAL STUDENTS OF HOST COUNTRY	4763
<i>L. Ravago, C. Haddad, J. Haddad-Lacle, L. Bilello</i>	
EDUCOMMUNICATION THROUGH TRANSMEDIA: "FROM JUMPING TO JUMPING WE STOP VIOLENCE"	4764
<i>C. Mier-Sanmartín, G. Coronel-Salas, G. Moreira-Aguirre</i>	
INTERCULTURAL EDUCATION IN THE EARLY YEARS	4765
<i>L. Damovska, S. Calovska, C. Plavevska</i>	
A ROBOTICS WORKSHOP APPROACH FOR MOTIVATING MIDDLE SCHOOL SENIORS TO STUDY HIGH SCHOOL PHYSICS	4766
<i>D. Saad, I. Verner</i>	
EDUCATIONAL TRENDS AND BEST PRACTICE CONTRIBUTIONS: "THE SOUNDTRACK OF MY LIFE" - VIDEO CLIPS CREATION IN HIGHER EDUCATION	4774
<i>O. Geiger</i>	
SELF-ASSESSMENT EXPERIENCE IN FIRST YEAR NURSING STUDENTS	4779
<i>M. Cavia-Saiz, M.D. Rivero-Perez, M. Ortega-Herás, I. Gómez-Bastida, M.L. Gonzalez-SanJosé, P. Muñiz</i>	
THE CHARACTERISTICS OF PROBLEM AND PROJECT-BASED LEARNING IN TEACHING A FOREIGN LANGUAGE AT A UNIVERSITY	4784
<i>E. Dmitrieva, O. Dagbaeva, T. Evsikova, Z. Usmanova</i>	
EFFECTIVENESS OF THE FLIPPED CLASSROOM APPROACH IN HIGHER EDUCATION	4789
<i>M.D. Rivero-Perez, M. Cavia-Saiz, I. Gómez-Bastida, M. Ortega-Heras, P. Muñiz, M.L. Gonzalez-SanJose</i>	
DEVELOPMENT OF NEW PROGRAMMING WITH STICKERS FOR ELEMENTARY SCHOOL PROGRAMMING EDUCATION	4796
<i>A. Minamide, K. Takemata</i>	
INITIAL DIAGNOSIS ON THE PERCEPTION AND THE LEVEL OF APPROPRIATION IN THE USE OF M-LEARNING ENVIRONMENTS OF STUDENTS OF THE AUTONOMOUS UNIVERSITY OF BAJA CALIFORNIA SUR, MEXICO	4801
<i>J.A. Sandoval-Bringas, M.A. Carreño-León, F.J. Álvarez-Rodríguez</i>	
THE CONCEPT OF SUSTAINABILITY AS A TOOL FOR CONTENT INNOVATION IN TEACHING BUSINESS ECONOMICS	4808
<i>E. Ružinská</i>	
THE RELATIONSHIP OF MUSICAL PERCEPTION AND THE EXECUTIVE FUNCTION AMONG 7-YEAR-OLD CHILDREN	4818
<i>M. Janurik, N. Szabó, K. Józsa</i>	
THE EFFECT OF MOBILE ACCESS ON LIBRARY SERVICES	4827
<i>E. Tsvetkova</i>	

A FOREIGN LANGUAGE AS A TOOL OF INFORMAL LEARNING AND MULTICULTURAL EDUCATION	4833
<i>E. Dmitrieva, T. Evsikova, I. Debeyssac</i>	
MOBILE TECHNOLOGY AS A POCKET EDUCATIONAL TOOL IN HIGHER EDUCATION	4839
<i>A. Penichet-Tomás, J.M. Jiménez-Olmedo, S. Sebastián-Amat, B. Pueo</i>	
MODERN LIBRARY IN THE EDUCATIONAL SPACE OF THE UNIVERSITY	4844
<i>E. Savova, E. Tsvetkova</i>	
UNDERGRADUATE BACHELOR OF EDUCATION STUDENTS' EXPERIENCES ON THE IMPORTANCE OF ENGLISH LANGUAGE AND COMMUNICATION FOR EDUCATORS MODULE	4849
<i>M.N. Mdledle</i>	
VIDEO-BASED REFLECTION IN THE ACQUISITION OF SKILLS AND COMPETENCIES	4855
<i>V. Jelsbak, J. Henriksen, C.B. Jepsen</i>	
THE ROLE OF THE UNIVERSITIES IN CREATING INFORMATION LITERACY OF THE STUDENTS	4866
<i>G. Zhablyanova, K. Bosakova, M. Pavlova, T. Petrova</i>	
PERCEPTIONS OF PRE-SERVICE KINDERGARTEN TEACHERS REGARDING A CODING EXPERIENCE IN A COURSE ABOUT COMPUTATIONAL THINKING	4870
<i>K. Levy, I. Maor</i>	
FORMATIVE LEARNING EVALUATION AND IMPROVEMENT OF LEARNING DEVELOPMENT OF MOOC USERS LEARNING A CAD APPLICATION	4874
<i>D. Lukac, A. Shahriari-Rad</i>	
BUILDING INFORMATION MODELING-ORIENTED EDUCATIONAL COURSES FOR A HETEROGENEOUS AUDIENCE	4875
<i>A. Fonsati, M. Del Giudice, A. Osello, D. De Luca</i>	
THE RELATIONSHIP BETWEEN COPING STRATEGIES AND SCHOOL CLIMATE PERCEPTION AMONG SECONDARY SCHOOL TEACHERS	4883
<i>S. Dobešová Cakirpaloglu, T. Čech, J. Kvintová</i>	
POPULAR CULTURE AS AN EXPLANATORY PATTERN IN THE PROCESS OF CLASSROOM STUDIES IN HIGHER EDUCATION	4891
<i>V. Kim</i>	
COHERENT EDUCATIONAL METHODS IN FOREIGN LANGUAGES AND INTERCULTURAL COMMUNICATION TEACHING PRACTICES	4895
<i>G. Zhukova, M. Zhukova, M. Ono</i>	
ONLINE PLATFORM FOR PROCESSING AND STORAGE OF INFORMATION IN THE FIELD OF MEDICINE: IMPROVING EDUCATION OF THE MEDICAL STUDENTS	4899
<i>G. Georgieva-Tsaneva, M. Gospodinov, G. Bogdanova</i>	
SUSTAINABLE EDUCATION TECHNOLOGY DEVELOPMENT - A CASE STUDY OF SUSTAINABILITY OF EDUCATION	4907
<i>J. Bolmsten</i>	
BUILDING MOTIVATION- AND VALUES-BASED ATTITUDE OF COLLEGE STUDENTS TOWARDS PROFESSIONAL SELF-DEVELOPMENT	4914
<i>E. Samina, N. Loktaeva, E. Mishina, V. Rodina, A. Taleeva</i>	
TRANSFERENCE OF NATIONAL RHETORICAL STRATEGIES AND ARGUMENTATION PATTERNS: EVIDENCE FROM AN ADVANCED ENGLISH CLASS OF L1 RUSSIAN SPEAKERS	4919
<i>O. Blinova</i>	
CYBER SECURITY. ARE WE READY TO USE MODERN, AND MOBILE TECHNOLOGIES? IF WE DON'T TEACH THE STUDENTS HOW TO PROTECT THEIR PRIVACY AND PERSONAL INFORMATION, WHO WILL?	4924
<i>J. Kucerik</i>	
COMPARISON OF USAGE AND EFFECTIVENESS OF METHODS FOR FURTHER EDUCATION	4930
<i>I. Mikova, L. Komarkova, P. Pudil, V. Pribyl</i>	
INTEGRATED DESIGN LEARNING METHODS IN FASHION RETAIL DESIGN STUDIO	4938
<i>V.M. Iannilli, A.V. Penati, A. Spagnoli</i>	
TOWARDS A CO-DESIGN APPROACH TO DIGITAL DEVICE FOR LEARNING	4948
<i>R. Bour, L. Capus, N. Vallès-Parlangeau, C. Soule-Dupuy</i>	

MDM - MOBILE DEVICE MANAGEMENT FOR IPADS IN SCHOOLS	4953
<i>J. Kucerik</i>	
UNVEILING TEACHER ADOPTION OF BLENDED LEARNING PROGRAMS: A MULTIFACTOR MODEL	4957
<i>E. Bigne, A. Badenes-Rocha, C. Ruiz, L. Andreu</i>	
NO WALLS: AN ANALYSIS OF THE IMPACT OF TECHNOLOGY ON TEACHING PRACTICES AND ON THE TRANSFORMATION OF THE LEARNING SPACES	4967
<i>J.R. de Oliveira Leo, M. Tareen</i>	
DEVELOPING HUMAN-LIKE ARTIFICIAL INTELLIGENCE: IDENTIFYING KEY PEDAGOGICAL PERSONALITY TRAITS	4978
<i>M.I.S. Bmk, P. Gagnon, N. Zary</i>	
THE RELATION OF TEACHING DELIVERY TO KEY FEATURES OF STUDENT SATISFACTION	4985
<i>R. Skyrius, J. Martinavicius, G. Rumsas</i>	
TELL US YOUR DIGITAL STORY	4994
<i>B. Mannova, C. Preston, S. Younie</i>	
MOTIVATING LANGUAGE LEARNING THROUGH ONLINE RADIO	5002
<i>E. Pérez-Femenía, M. Iglesias-García</i>	
A STUDY OF GRADUATES' SATISFACTION AND COMPETENCES ACQUIRED WITH AN OFFICIAL MASTER'S DEGREE AND THEIR ADJUSTMENT TO THE LABOUR MARKET	5011
<i>A. Selaya Berodía, D. Seijo Martínez, M. Novo Pérez, R. Arce Fernández, F. Fariña Rivera</i>	
ORGANIZATION OF E-LEARNING MATHEMATICS AT THE UNIVERSITY	5019
<i>M. Artyukhina, T. Erokhina, T. Voronko, A. Savadova, P. Cherkassky</i>	
EXPLORING HIGH SCHOOL STUDENTS' LEARNING EXPERIENCES IN CRITICAL THINKING THROUGH A DIGITAL ROLE PLAY GAME	5024
<i>H.L. Chen, C.T. Wu</i>	
A GENDER-SENSITIVE STUDY OF LABOUR INTEGRATION IN A SAMPLE OF AN OFFICIAL MASTER'S DEGREE GRADUATES	5025
<i>A. Selaya Berodía, M.J. Vázquez, F. Fariña Rivera</i>	
MEASURING ELEMENTS OF PSYCHOLOGICAL LITERACY IN STUDENTS: COMPARING GENDER, EDUCATIONAL LEVEL AND DISCIPLINE	5033
<i>J. Taylor, S. Coady</i>	
COPYRIGHT PROTECTION OF PHOTOGRAPHIC INFORMATION IN COMPLIANCE WITH THE NEW REGULATIONS OF THE EUROPEAN UNION	5040
<i>K. Planska-Simeonova</i>	
USING THE INNOVATIVE TEXTBOOK "RUSSIAN LITERATURE ON THE SCREEN" IN THE CLASSES OF RUSSIAN LANGUAGE FOR BILINGUAL STUDENTS	5047
<i>A. Denisenko, M. Bereznyatskaya, I. Kalinina</i>	
THE FLIPPED CLASSROOM MODEL IN THE THERMAL ENGINES AND MACHINES AREA: ANALYSIS AND COMPARISON OF EXPERIENCES	5052
<i>B. Peña, I. Zabalza-Bribián, S. Usón, E.M. Llera-Sastresa, M. Bailera</i>	
DEVELOPING NEW MODELS AND EDUCATIONAL APPROACHES SUPPORTING DIGITAL ENTREPRENEURSHIP WITHIN CULTURAL AND CREATIVE INDUSTRIES (CCI)	5058
<i>P. Bertola, M. Mortati, A. Taverna</i>	
DIGITAL PORTALS IN LANGUAGE LEARNING ENCOURAGING STUDENT AUTONOMY	5068
<i>L. Wallenius, T. Votkin, S. Sevón</i>	
PROVOKING SUCCESS: MOTIVATIONAL STRATEGIES IN TEACHING	5075
<i>S. Tuunskiy, K. Tkachenok</i>	
IMPACT OF DIGITAL CONTENT BASED UDL COMPLIANT LESSON PLAN ON STUDENTS LEARNING AND ENGAGEMENT	5082
<i>N. Gerard, N. Athar, J. Nasir, H. Muhammad Abdullah, M. Waqas Mazhar, A. Khan</i>	
GROUP DYNAMICS TO IMPROVE TEAMWORK AND COLLABORATIVE COMPETENCIES IN CHEMISTRY STUDENTS	5088
<i>C.J. Pelegrín, J.C. Martínez, A. Ortega, D. Torregrosa, V. Torregrosa, M. García, A. Juan, J.J. Villora, Y. Flores, M.C. Garrigós</i>	
GROUNDING L2 LEARNING IN SOCIAL PRACTICE THEORY: THE VIRGIL2 SERIOUS GAME	5096
<i>A. Signa, S. Perna, M. La Rocca, M. Allegra, G. Città, V. Dal Grande, M. Gentile, D. La Guardia, S. Ottaviano</i>	

EARLY ALERT OF THE ACADEMICALLY AT-RISK ADULT LEARNER IN HIGHER EDUCATION <i>Y.H. Lee, S. Chong, Y.W. Tang</i>	5101
SCIENTIFIC RESEARCH IN THE FIELD OF VISUAL COMPETENCY <i>K. Mincheva, K. Planska-Simeonova</i>	5110
EDUCATION OF VICTIMS OF DOMESTIC VIOLENCE <i>K. Šmejkalová, J. Šibor, P. Sládek</i>	5118
APPROPRIATE LEARNING APPROACHES AND TECHNOLOGIES FOR DISASTER PREPARATION OF THE POPULATION <i>M. Titko, M. Jánošíková, V. Benedik, V. Moricová</i>	5123
DIGITAL INNOVATION FOR SOCIAL INCLUSION – AN EUROPEAN PERSPECTIVE ON ICT-BASED SECOND LANGUAGE LEARNING ACTIVITIES <i>G. Città, M. Allegra, V. Dal Grande, M. Gentile, D. La Guardia, S. Ottaviano</i>	5129
DIGITAL SKILLS FROM SILENT TO ALPHA GENERATION: AN OVERVIEW <i>E. Cirilli, P. Nicolini, L. Mandolini</i>	5134
INFORMAL LEARNING IN AN ONLINE CITIZEN SCIENCE COMMUNITY <i>K. Ekman</i>	5144
TAKING THE TRADITIONAL RESEARCH PHD ONLINE <i>T. Mazzuchi, S. Sarkani</i>	5152
"WE DON'T KNOW HOW TO WORK WITH THE MEDIA OR DEVELOP IT WITH STUDENTS": DISCOURSES AND FEARS FROM THE TEACHERS <i>M.J. Brites</i>	5153
EMBODIED REASONING WITH DIGITAL TOOLS IN THE PRESCHOOL ECOLOGY: SCIENCE LEARNING BEYOND DIGITAL/ANALOGUE DICHOTOMIES <i>R. Samuelsson</i>	5159
YOUTUBE AS A COMPLEMENTARY LEARNING TOOL TO SUPPORT THE STUDY IN THE FIELD OF THERMAL ENGINEERING <i>I. Zabalza-Bribián, B. Peña, B. Zalba</i>	5164
TOOLBOX.ACADEMY: CODING & ARTIFICIAL INTELLIGENCE MADE EASY FOR KIDS, BIG DATA FOR EDUCATORS <i>F. Vico, J. Masa, R. García</i>	5173
INTRODUCTION TO PROGRAMMING: PORTRAIT OF HIGHER EDUCATION IN COMPUTER SCIENCE IN PORTUGAL <i>S. Sobral</i>	5179
A GUIDELINE FOR PROFESSIONAL COMMUNICATION STUDIES (BASED ON MARKETING DISCOURSE TEXT SOURCES) <i>I. Guseinova, A. Levshits, D. Nakisbayev</i>	5186
CRITICAL THINKING IN THE CONTEXT OF ELT CLASSROOM: DEFINING THE NOTION AND DEVELOPING THE SKILL <i>K. Tkachenok, S. Tumskiy</i>	5191
20 YEARS OF THE BOLOGNA DECLARATION – A LITERATURE REVIEW ON THE GLOBALISATION OF HIGHER EDUCATION REFORMS <i>S. Diogo, A. Queirós, T. Carvalho, M. Manatos, D. Soares</i>	5196
AGILE METHODOLOGY SCRUM: REPORT OF AN EXPERIENCE IN THE FIRST CONTACT WITH PROGRAMMING LANGUAGES IN A UNIVERSITY COURSE OF COMPUTER SCIENCE <i>S. Sobral</i>	5205
ARE THE RESULTS OF A BASIC DIAGNOSTIC ASSESSMENT A GOOD INDICATOR OF SUCCESS IN ACADEMIC EVALUATIONS? SPECIFIC CASE OF A STATISTICS INTRODUCTORY COURSE <i>D. Cauchie, M. Bruyninckx, M. Bodart, L. Roinich</i>	5211
DEVELOPING MATHEMATICAL THINKING THROUGH EDUCATIONAL ACTIVITIES ON THE GEOBOARD <i>M. Uhlířová</i>	5218
VOCATIONAL INTERESTS IN POLISH AND CZECH STUDENTS OF MANAGEMENT WITH REGARD TO GENDER <i>D. Ochnik, I. Blažková</i>	5226
CULTURAL DIVERSITY AND SCHOOL INCLUSION: STRATEGIES OF TEACHERS IN BRIDGING CLASSES TO ENSURE EQUITABLE EDUCATION TO NEWCOMER PUPILS <i>D. Cauchie, M. Bruyninckx, S. Salham</i>	5232

MATHEMATICAL LITERACY FROM THE POINT OF VIEW OF PRE-PRIMARY SCHOOL TEACHERS	5240
<i>M. Uhlířová, D. Cibáková</i>	
TEACHING AND EVALUATION SOFTWARE TO SUPPORT AN ACCOUNTING HIGHER EDUCATION COURSE	5247
<i>H. Costa Oliveira, A. Pereira, A. Vaz</i>	
BLENDED LEARNING: QUALITY FRAMEWORK FOR A PAN-EUROPEAN UNIVERSITIES NETWORK	5254
<i>G. Guri, F. Renouard, G. Pisoni, M. Marchese, M. Vendel, A.R. Wetters</i>	
ENGLISH IN THE HEALTHCARE SETTING: THE USE OF WORDCLOUD AND QUIZLET WITH PSYCHOLOGICAL PATHOLOGIES	5263
<i>B. Bellés-Fortuño, A.I. Martínez-Hernández</i>	
ESTABLISHING A PSYCHOSOCIAL PROFILE AND CORRELATES OF ACADEMIC PERFORMANCE AMONG SOUTH AFRICAN FIRST-GENERATION STUDENTS	5272
<i>M. Pienaar, A. Padmanabhanunni, M. Smith</i>	
LEARNING ANALYTICS THROUGH THE DIGITAL FOOTPRINT: RESULTS FOR ENGINEERING THERMODYNAMICS SUBJECT	5281
<i>M. Bailera, B. Peña, I. Zabalza-Bribián</i>	
ADDRESSING STEM GEEK CULTURE THROUGH PEER LEARNING	5289
<i>I. Vasileiou, P. Haskell-Dowland</i>	
A BIOREACTOR IN VIRTUAL REALITY AND VIDEO GAMES TO ENHANCE THE LEARNING EXPERIENCE IN BIOPROCESS LABS	5294
<i>S. Fisher, E. Polyak, X. Zhang</i>	
MOVING TO AN ATTENDANCE CONTROL SYSTEM. DOES IT MATTER?	5304
<i>A. Asanov, R.P. Lopes, E. Faizova</i>	
EDUCATORS AND STUDENTS USE CLUES TO HELP IN MATHEMATICAL/STATISTICAL TESTS	5312
<i>A. D'Arcy-Warmington</i>	
PROFESSIONAL SELF-CONCEPT OF THE DOCTORAL STUDENTS OF EDUCATION IN RELATION TO THEIR CRITICAL THINKING AS A FORMATIVE FACTOR	5318
<i>I. Koribská, Š. Chudý, J. Kropáč</i>	
ASSESSING THE RELATIVE IMPORTANCE OF AN E-LEARNING SYSTEM'S USABILITY DESIGN CHARACTERISTICS BASED ON STUDENTS' PREFERENCES	5325
<i>A. Alshehri, M. Rutter, S. Smith</i>	
BUSINESS SIMULATION DESIGN AND CONCEPTION: THE CASE OF THE SCHOOL OF ACCOUNTING AND ADMINISTRATION OF PORTO	5326
<i>A. Pereira, A. Vaz, H. Costa Oliveira</i>	
INCLUSION OF STUDENTS WITH SPECIAL EDUCATIONAL NEEDS IN PRIMARY EDUCATION IN SAUDI ARABIA: STAKEHOLDERS PERSPECTIVES	5327
<i>N. Alshalhoub</i>	
STUDENTS AND THEIR REQUIREMENTS - A SURVEY ABOUT USING E-LEARNING ELEMENTS IN PART-TIME STUDIES	5331
<i>T. Rachfall, D. Förster-Trallo, E.E. Zimbelmann</i>	
STORYTELLING IN TEACHING DIGITAL TECHNOLOGY RELATED COURSES	5338
<i>K. Tomičić-Pupek, M. Tomičić Furjan, I. Pihir</i>	
GLOBALIZATION AND THE PROBLEM OF FOREIGN STUDENTS' INTEGRATION AT A RUSSIAN UNIVERSITY	5345
<i>A. Shutaleva, O. Tomyuk, M. Dyachkova, A. Novgorodtseva, E. Ivanova</i>	
THE INTERNATIONALISATION OF DOCTORAL RESEARCH IN PORTUGAL 1970-2016	5356
<i>C. Sin, O. Tavares, D. Soares</i>	
EXPLORING THE ROLE OF MONTESSORI PEDAGOGY ON STUDENTS IN EARLY CHILDHOOD SCHOOLS WITH SAUDI ARABIA	5362
<i>E. Madani</i>	
NEW HORIZONS IN MUSIC TECHNOLOGY PERFORMANCE EDUCATION	5363
<i>R. McLennan, R. Sholer</i>	
RESILIENCE AS A PRECURSOR TO ACADEMIC SUCCESS	5367
<i>B. Van Wyk, M. van Wyk, C. Jacobs</i>	
INCLUSION OF GENDER PERSPECTIVE IN SUBJECTS OF THE BACHELOR IN MECHANICAL ENGINEERING USING ACTIVE METHODOLOGIES FOR THE DEVELOPMENT OF CARE COMPETENCIES	5371
<i>M.I. Tazo, A. Boyano, S. Etxebarria, A. Mesanza, A. Calleja</i>	

SONGBUD RECORDINGS – A STAFF-LED INCUBATOR OF STUDENT MUSICAL TALENT	5376
<i>R. Sholer, R. McLennan</i>	
STUDENT’S PARTICIPATION IN THE DESIGN PROCESS: A STUDY ON USER EXPERIENCE OF AN EDUCATIONAL GAME-LIKE APPLICATION	5381
<i>R. Leitão, M. Maguire, S. Turner</i>	
DEVELOPING AND REFLECTING TEAMWORK OF TEACHERS BY USING DIFFERENT TEACHING APPROACHES AND METHODS	5391
<i>A. Polak</i>	
HOW ABOUT USING A METAPHOR FOR DESIGN THINKING AND CREATIVITY IN INTERIOR ARCHITECTURAL DESIGN STUDIO?	5392
<i>E. Duzgun, H. Duzgun Bekdas</i>	
DEVELOPMENT AND ENHANCEMENT OF INCLUSION SERVICES AT HIGHER EDUCATION LEVEL	5400
<i>I. Josa, C. Farré, I. Gálvez, D. Ferrer-Balas, M. Vilalta, L. Montero</i>	
IMPLEMENTATION OF DIGITAL TRANSFORMATION IN CURRICULA – INSIGHTS BASED ON ANALYZING LEADING UNIVERSITIES	5413
<i>L. Hrustek, A. Kutnjak, M. Tomičić Furjan</i>	
TEACHER COMPETENCY IN RELATION TO OTHER TEACHER COMPETENCIES IN TEACHING GEOMETRY	5421
<i>D. Mamiala, A. Mji, S. Simelane-Mnisi</i>	
EXPLORING UNDERGRADUATE STUDENTS USE OF A SKILLS DEVELOPMENT APP	5429
<i>C. Paine Schofield, G. Brown, V. Nilsson, K. Thompson</i>	
A BOARD GAME AS A TEACHING TOOL IN A PEDAGOGICALLY PSYCHOLOGICAL PERSPECTIVE	5437
<i>A. Strode</i>	
COORDINATION PROBLEMS IN ENGINEERING DEGREES	5445
<i>M. Cortés-Reyes, C. Fernández-Gago, A. Diaz-Zayas, J.M. Rosas</i>	
BULGARIAN PARENTS’ VIEWPOINTS ON DIGITAL DEVICES IN CHILD OF TODAY LIFE. RESEARCH OF CHILDREN’S HABITS OF DIGITAL TECHNOLOGY USAGE	5450
<i>L. Parijkova</i>	
CREATION AND DEVELOPMENT OF BUSINESS THROUGH E-COMMERCE. ACTIVE LEARNING, INNOVATION AND ENTREPRENEURSHIP	5458
<i>C. Berne-Manero, M. Marzo-Navarro</i>	
FEEDBACK-BASED CONTINUOUS IMPROVEMENT MEASURES ON THE USE OF SHORT MATHEMATICAL VIDEOS IN UNIVERSITY EDUCATION	5465
<i>M.C. Bas, J.A. Silvestre-Cerdà, R. Sala, R. Meneu, T. Casasús, R. Benítez</i>	
FOCUS GROUP: A PRACTICAL APPLICATION IN CLASSROOM	5470
<i>O. Martins, A. Coelho, J. Costa, T. Felgueira, A. Braga</i>	
OPPORTUNITIES FOR ACTIVE DESIGN IN SCHOOL ENVIRONMENT FOR PROMOTION OF PUPILS’ PHYSICAL ACTIVITY	5474
<i>A. Strode, A. Kaupužs</i>	
EVALUATING THE IMPACT OF FIELD READY: A NEW MODEL OF EMPLOYABILITY FOR STATE INSTITUTIONS IN THE DEVELOPING WORLD	5483
<i>J. Playfoot, V. Baker</i>	
INTEGRATION OF IITU IN THE FIELD OF APPLICATION OF SPACE TECHNOLOGIES IN TELECOMMUNICATIONS	5490
<i>A. Aytınagambetov, Y. Daineko, A. Kulakayeva, M. Ipalakova</i>	
THE BEHAVE APPLICATION: AN EVIDENCE-BASED TOOL TO MANAGE SOCIAL EMOTIONAL BEHAVIOURAL DIFFICULTIES	5495
<i>G. Merlo, G. Chiazzese, A. Chifari, A. Mirisola, I. Giammusso, M. Sanches-Ferreira, S. Bilanin, C. McGee, N. Lo Savio, M. van Oort-Hall</i>	
THE IMPORTANCE AND DEVELOPMENT OF GENERIC COMPETENCIES IN THE BUSINESS MANAGEMENT CURRICULUM AT THE ESTONIAN ENTREPRENEURSHIP UNIVERSITY OF APPLIED SCIENCES	5503
<i>P. Einpaul, T. Priestman, T. Õunapuu</i>	
BUILDING A NEW, ALTERNATIVE LEVEL OF PARTNERSHIP WITH PARENTS THROUGH INTERNET COMMUNICATIONS	5511
<i>E. Ivanova, J. Doncheva</i>	
INTEGRATE INTERACTIVE ICT ON THE TOPIC ‘WE LIVE HEALTHY’ FROM THE SUBJECT ‘AROUND THE WORLD’	5517
<i>E. Ivanova, J. Doncheva</i>	

LEARNING TO LEARN: STRATEGIES OF THEIR FIRST-YEAR STUDENTS OF PHYSICAL ACTIVITY AND SPORTS	5523
<i>L. Vega Ramírez, M.A. Ávalos Ramos, G. Merma</i>	
HOPE AND ZEST: WHY ARE THEY IMPORTANT FOR TEACHERS?	5527
<i>P. Gradišek</i>	
DETERMINING THE RELEVANCE OF AUTOMATIZED FEEDBACK ON STUDENTS' E-TEST RESULTS IN SUPPORTING TEACHERS TO PROMOTE COMPONENTS OF SCIENTIFIC LITERACY IN THE CLASSROOM	5528
<i>T. Rosin, K. Vaino, R. Soobard, M. Rannikmäe</i>	
RESEARCH OF THE CHALLENGES OF READING IN THE DIGITAL ERA	5535
<i>L. Parijkova</i>	
THE PROBLEM-BASED LEARNING (PBL) APPLIED TO HIGHER PROFESSIONAL TRAINING COURSE	5542
<i>A. Coelho, F. Costa, J. Costa, O. Martins</i>	
BWLEHRPOOL - A JOINTLY MANAGED AND FINANCED INTER-UNIVERSITY IT PROJECT	5548
<i>J. Bauer, S. Rettberg, S. Ritter, C. Rößler, D. von Suchodoletz, J. Münchenberg</i>	
DEVELOPMENT OF A MOODLE-BASED PLATFORM TO AID IN THE LEARNING PROCESS OF CHEMICAL NOMENCLATURE	5556
<i>E. Goikolea, U. Uria, S. Pérez-Yáñez, M.L. Carrillo, G. Beobide, J.L. Vicario, I. Ruiz de Larramendi, E. Reyes</i>	
TEACHING ADVANCED ANALYTICAL CHEMISTRY USING COST EFFECTIVE NANOMATERIALS: A PERSONAL EXPERIENCE	5561
<i>J. González-Sálamo, D.A. Varela-Martínez, M.Á. González-Curbelo, J. Hernández-Borges</i>	
DEVELOPING A LEARNING MODEL THAT ADDRESSES THE REINFORCEMENT OF TEAMWORK AND INFORMATION MANAGEMENT COMPETENCIES OF UNDERGRADUATE BUSINESS STUDENTS	5568
<i>A. de Andrés, M. Giroto, L.A. Seguí, A. Arisó, L. Chiaramonte, M.L. Marín</i>	
HOW TEACH MUSIC BY COMPETENCES: THE RINPAD APPLICATION	5576
<i>J.L. Rodríguez-Sánchez, E.M. Mora-Valentín, M. Ortiz-de-Urbina-Criado</i>	
APPLICATION OF THE QUECHERS METHOD FOR PESTICIDE EXTRACTION FROM FRUITS AS A FINAL DEGREE PROJECT	5584
<i>J. González-Sálamo, D.A. Varela-Martínez, M.Á. González-Curbelo, J. Hernández-Borges</i>	
USING PROBLEM TASKS TO DEVELOP THE PUPIL'S SKILLS IN HIGH SCHOOL MATHEMATICS	5592
<i>K. Antoš</i>	
RAISING THE READINESS FOR USING DIGITAL TECHNOLOGIES IN TEACHING PROCESSES	5601
<i>S. Križanić, L. Hrustek, K. Tomičić-Pupek</i>	
ARE THERE DIFFERENCES BETWEEN MANAGEMENT AND PHYSIOTHERAPY STUDENTS IN VOCATIONAL INTEREST WITH REGARD TO GENDER?	5608
<i>D. Ochnik</i>	
CURRENTLY REQUIRED EDUCATION OF CRISIS MANAGEMENT PERSONNEL	5614
<i>V. Moricová, M. Jánošíková, M. Titko</i>	
PERSPECTIVES OF TEACHING MATHEMATICS USING THE METHOD OF SOLVING PROBLEMS	5623
<i>K. Antoš</i>	
AN ASSESSMENT OF EDUCATIONAL NEEDS OF EMPLOYEES IN ORGANIZATION	5630
<i>S. Radović, K. Bojović</i>	
"AHA - ADHD AUGMENTED" - PARTICIPANTS' CHARACTERISTICS	5637
<i>C. Tosto, T. Hasegawa, G. Chiazese, R. Treacy, G. Merlo, A. Chifari, E. Mangina</i>	
THE USE OF THE INSTAGRAM PLATFORM AND TEXT MESSAGERS IN THE CONTEXT OF CONTEMPORARY EDUCATION	5646
<i>N. Mammadova, A. Pogrebnaya</i>	
HOW TO LEARN HAVING FUN: DRAG AND DROP QUESTIONS FOR BUILDING STRUCTURES	5651
<i>A. Aznar, J.I. Hernando, J. Antuña, J. Ortiz</i>	
THE INTEGRATION OF FINANCIAL, ENVIRONMENTAL, SOCIAL AND GOVERNANCE RISKS IN FINANCIAL SUBJECTS IN UNIVERSITY TEACHING	5657
<i>M.A. Fernández-Izquierdo, M.J. Muñoz-Torres, J.M. Rivera-Lirio, E. Escrig-Olmedo, I. Ferrero-Ferrero</i>	

ENGAGING LEARNERS THROUGH EMOTION IN ARTIFICIALLY INTELLIGENT ENVIRONMENTS <i>T. Mehigan, I. Pitt</i>	5661
STRATEGIES USED BY TEACHERS TO SUPPORT LEARNING OF LOWER SECONDARY SCHOOL PUPILS FROM EDUCATIONAL TEXT RESOURCES <i>I. Červenková, M. Vaclavik, Z. Sikorová</i>	5669
INCREASING KNOWLEDGE GAIN OF UNDERGRADUATE UNIVERSITY STUDENTS BY EMPLOYING ADAPTIVE MULTIMEDIA <i>M. Maddi, T. Bi, M.A. Togou, G.M. Muntean</i>	5679
METACOGNITIVE AWARENESS AS THE BASIS OF LEARNER FORMATIVE ASSESSMENT IN DEVELOPING PLURILINGUAL COMPETENCE IN HIGHER EDUCATION <i>N. Macianskiene, V. Bijeikiene</i>	5686
INDATA, ENVISIONING & PROTOTYPING INFORMED BY KNOWLEDGE. OPEN-ACCESS DATA PLATFORM TO SUPPORT DESIGN SCENARIOS <i>I. Mariani, S. Parisi, P. Bolzan, M. Stepanovic, M. Invernizzi, L. Varisco</i>	5696
A QUANTITATIVE ANALYSIS OF STUDY ABROAD PROCESS EVALUATION <i>K. Kotani, T. Yoshimi, M. Uchida</i>	5706
EDUCATIONAL AND PRACTICAL VIEW OF KNOWLEDGE, SKILLS AND EXPERIENCE NEEDED BY A CHIEF DIGITAL OFFICER <i>A. Kutnjak, S. Križanić, I. Pihir</i>	5711
RESEARCH OF THE USE OF AUGMENTED REALITY TO DEVELOP THE ABILITY TO ESTIMATE IN STEM EDUCATION <i>L. Korenova</i>	5719
THE RESEARCH OF THE PERCEPTION OF PICTURES EVOKING THE FACULTIES OF THE UNIVERSITY OF ŽILINA <i>R. Madleňák, L. Madleňáková, S. Turská, R. Chinoracký, J. Kurotová, D. Hošťáková</i>	5725
INTERPRETIVE INVESTIGATION OF THE USE OF AUGMENTED REALITY IN FAMILY ENVIRONMENT WITHIN CHILDREN'S PLAY THROUGH THE OPTICS OF QUALITATIVE METHODOLOGY <i>L. Korenova, D. Kostrub, P. Ostradický</i>	5733
THE USE OF NARRATIVE AS A MEANS TO INVESTIGATE FIRST YEAR STUDENT IDENTITY CONSTRUCTION <i>D. Lees, A. Van Zyl, S. Gravett</i>	5742
THE BASE SYSTEM: A SCHOOL-WIDE POSITIVE BEHAVIOUR SUPPORT TOOL TO FACILITATE EVIDENCE-BASED DIGITAL INTERVENTION PRACTICES <i>E. Mariscalco, G. Merlo, G. Chiazzese, A. Chifari, S.L. Goei, E. Mangina, A. Mirisola, I. Giammusso, M. Sanches-Ferreira, P. Denaro, L. Seta</i>	5743
SIMULATION OF HONG KONG GREEN DECK WITH VIRTUAL REALITY FOR SUSTAINABILITY EDUCATION <i>Y. Luo, C.H. Au, W.S.L. Fung</i>	5751
PEDAGOGICAL PRACTICES IN HIGHER EDUCATION: IMPROVING STUDENTS' COMPETENCES THROUGH CROSS-CURRICULAR PROBLEM-SOLVING ACTIVITIES <i>A.R. Calvão, S. Ribeiro, A. Simões</i>	5760
THE HIGHER THE BETTER? ANALYSING SOCIAL MEDIA STRATEGIES IN PORTUGUESE UNIVERSITIES <i>S. Santos, I. Amaral</i>	5770
TRAINING IN THE WORKPLACE: STUDENTS' PERCEPTION OF THE BENEFITS AND OBSTACLES DURING INTERNSHIPS <i>S. Filipe, C. Amaral Santos, B. Barbosa</i>	5775
THE SELF-REGULATED LEARNING QUALITY ASSURANCE APPROACH TO DESIGNING MOOCS. INSIGHTS FROM THE OPEN VIRTUAL MOBILITY PROJECT <i>G. Tur, I. Buchem, S. Urbina</i>	5784
PROJECT BASED LEARNING APPLIED TO BACHELOR'S DEGREE IN ENERGY ENGINEERING <i>I. Marton, S. Gallardo, J.F. Villanueva, A. Sánchez, S. Carlos</i>	5794
UNIVERSITY- INDUSTRY COOPERATION AND FIRM'S KNOWLEDGE ABSORPTIVE CAPACITY NEXUS <i>S. Gyamfi, J. Stejskal</i>	5799
NURTURING SUCCESS THROUGH PERSONALISED COMMUNICATION <i>C. Kaur, T. Cui, J. Luu</i>	5806

APPLICATION OF REAL-TIME SIMULATION SYSTEM IN THE FRAMEWORK OF DIGITAL SIGNAL PROCESSING PRACTICE-COURSE	5812
<i>A. Sotnikov, A. Proletarsky, V. Suzev, T. Kim</i>	
KEY ASPECTS TO THE DESIGN, DEVELOPMENT, DEPLOYMENT AND EVALUATION OF A FULLY DIGITISED UNDERGRADUATE PROGRAMME	5821
<i>P. Gagnon, J. Carlstedt-Duke, N. Zary</i>	
PEER REVIEW SOFTWARE EVALUATION	5831
<i>M. Petrov, D. Damyanov, A. Aleksieva-Petrova</i>	
DEVELOPING A FRAMEWORK TO MAP AND COMPARE IEM PROGRAMMES WORLDWIDE	5841
<i>M. Chedid, L. Teixeira, M.J. Rosa</i>	
REPRESENTING SOLIDS AT LOWER SECONDARY SCHOOL	5850
<i>B. Štaifová, M. Kašparová</i>	
MIXED REALITY ESCAPE ROOM VIDEO GAME TO PROMOTE LEARNING IN INDOOR ENVIRONMENTS	5857
<i>A. Gómez-Cambronero, A. González-Pérez, I. Miralles, S. Casteleyn</i>	
IMPACT OF ONLINE COURSE DISCUSSION ON EDUCATION LEADERSHIP STUDENTS' REFLECTIONS	5865
<i>A. Saleh</i>	
INVISIBLE STUDENT PARTICIPATION IN ONLINE COLLABORATIVE LEARNING: IMPLICATIONS FOR SCAFFOLDING AND ASSESSMENT	5869
<i>A. Lazareva</i>	
ECONNECT - ENHANCING TRANS-NATIONAL LEARNING EXPERIENCE THROUGH THE USE OF INTERACTIVE VIDEOS	5878
<i>P. Doyle, D. Lehwaldt, S. Hourican, M. Kelly, M. Glynn</i>	
INTERGENERATIONAL RADIO AT SCHOOL	5879
<i>S. Santos, P. Sacadura, I. Amaral</i>	
GENDER SENSITIVITY AT UNIVERSITY: A COMPARATIVE APPROACH IN DIFFERENT ECONOMIC, SOCIAL AND POLITICAL CONTEXTS	5884
<i>M. Carbonell-Esteller, G. Antuña-Martínez, M.T. Bartual-Figueras, G. Bonilla-Vélez, C. Borderias, M. Borrell, A. Carreras, J. Colomé, A. Escobar, P. Graziano, L. Jorba, P. Morad, J.M. Pujadas, M. Rodríguez, A. Sanz, J. Turmo-Garuz, A. Vives</i>	
CRITICAL THEORY OF TECHNOLOGY AND PARTICIPATORY DESIGN: IN SEARCH OF A CRITICAL DESIGN PERSPECTIVE IN THE CONSTRUCTION OF A DIGITAL INTERFACE FOR EDUCATION	5890
<i>A.L. Oliveira do Amaral, D. França Vieira, M. Peixer Loio, F. Fernandes Soares Neto, T. Canata, V.L. Ferreira, R.Z. Cerny</i>	
DOES TEACHER'S EDUCATION AFFECT STUDENT PERFORMANCE?	5899
<i>K. Murillo, E. Rocha, A. Freitas, C. Pardo</i>	
ATTITUDE TOWARD EDUCATIONAL VIDEO GAMES: THE ROLE OF ENGAGEMENT	5909
<i>J. Martí-Parreño, E. Méndez-Ibáñez, M.J. Miquel-Romero</i>	
COGNITIVE FOUNDATIONS OF MATHEMATICS LEARNING IN DEAF STUDENTS: A SYSTEMATIC LITERATURE REVIEW	5914
<i>L. Marcelino, C. Sousa, C. Costa</i>	
INDICATORS OF THE CONTRIBUTION OF UNIVERSITY LIFE IN THE PERSONAL, SOCIAL AND PROFESSIONAL DEVELOPMENT OF STUDENTS	5924
<i>A.I. Tenjo Morales, A. Otálora Buitrago, C.A. Mutis Barreto</i>	
DEVELOPING SKILLS IN ENGINEERING CAPSTONE PROJECTS WITH LOW-COST MICROCONTROLLER SOLUTIONS: THE EPS@ISEP EXPERIENCE	5930
<i>P. Ferreira, B. Malheiro, M. Silva, J. Justo, P. Guedes, A. Duarte, C. Ribeiro</i>	
LEARNING ENVIRONMENTS MEDIATED BY CHILDREN'S NARRATIVE TO STIMULATE TRANSITION FROM PRESCHOOL TO PRIMARY	5934
<i>A.M. León Rodríguez</i>	
CHEMICAL ANALYSIS APPLIED TO THE INDUSTRY: A DEMONSTRATIVE EXPERIENCE TO PROMOTE THE INTEREST FOR CHEMICAL ENGINEERING	5943
<i>R. Serrat, M. Delgado-Aguilar, Q. Tarrés, H. Oliver, M. Alcalà, P. Mutje</i>	
IMPROVING ORAL COMMUNICATION AND TEAMWORK SKILLS IN THE FIELD OF THERMAL ENGINEERING	5948
<i>S. Usón, I. Zabalza-Bribián, B. Peña, I. Álvarez, E.M. Llera-Sastresa, A. Martínez-Gracia, J. Uche, M. Muñoz</i>	
ICT AND DEMOCRATIZATION OF EDUCATION IN RURAL CONTEXTS	5952
<i>A. Pereira-García</i>	

STUDENTS' LEARNING AUTONOMY: A SYSTEMATIC LITERATURE REVIEW <i>R.P. Lopes, C. Mesquita, L.A. de Góis, G. dos Santos Júnior</i>	5958
MEASURING MOOCS EFFECTIVENESS AS A WAY OF ENRICHING MOOCS DESIGNING <i>P. Pekker</i>	5965
A CROSS BORDER PROJECT TO KNOW DIFFERENT WAYS TO EVALUATE COMPETENCES IN HIGHER EDUCATION <i>M. Alcalà, J. Tresserras, L. Albó, F. Julián, X. Espinach</i>	5972
STUDENTS SUPPORT IN HIGHER EDUCATION: AN EXPERIENCE WITH MENTORS <i>L. Escoda, J. Planella, J.J. Suñol</i>	5977
E-LEARNING RESOURCES FOR MIGRANTS AND REFUGEES: EXPERIENCE FROM FIELD TRIALS IN ITALY <i>V. Damiani, G. Agrusti</i>	5983
FROM RESEARCH TO TEACHING. APPLYING PELTIER EFFECT-BASED TEST BENCH FOR EXPLAINING MAIN CONCEPTS OF THERMAL ENGINEERING <i>S. Usón, J. Uche, A. Martínez-Gracia</i>	5990
BRIDGING THE GAP BETWEEN ART AND SCIENCE: AN INTERDISCIPLINARY APPROACH TO THE TEACHING OF MUSIC AND MATHEMATICS WITH PRE-SERVICE TEACHERS <i>E. Martínez-Jiménez, F.J. Cuadrado-Méndez, P. Gómez-Rey</i>	5991
ACADEMIC PERFORMANCE AND EDUCATIONAL VIDEO GAMES: DOES GENDER MATTER? <i>J. Martí-Parreño, M.J. Miquel-Romero, E. Méndez-Ibáñez</i>	5999
A STUDY OF LEARNING SATISFACTION WITH A MULTI-SENSORY MEDIA DELIVERY SYSTEM <i>T. Bi, M. Maddi, F. Silva, G. Rozinaj, G. Muntean</i>	6004
DESIGN AND STUDENT PERFORMANCE ANALYSIS FROM A BLENDED/FLIPPED CLASSROOM INTRODUCTORY CHEMISTRY COURSE <i>S. Sambasivan, D. Williams, C. Foley</i>	6010
DESIGN THINKING IN HIGHER EDUCATION <i>E. Kovatcheva, J.A. Campos, J.L. Del Val Roman, G.P. Dimitrov, P. Petrova</i>	6016
CURRENT STATE OF DEVELOPMENT OF READING PRE-LITERACY IN KINDERGARTEN <i>D. Cibáková, M. Uhlířová</i>	6021
HOW HANDHELD DEVICES TRANSFORM, AUGMENT AND REINFORCE UNIVERSITY STUDENT'S STUDY HABITS: EMERGING THEMES FROM A THREE-YEAR STUDY <i>S. Cross</i>	6028
COMPARATIVE STUDY OF THE BULGARIAN OPEN ACCESS JOURNALS IN DOAJ FOR THE PERIOD 2002-2018 <i>T. Trencheva, S. Dimitrova</i>	6035
SOCIAL ANXIETY – AN INCREASING CHALLENGE FOR EDUCATORS <i>T. Drange, N. Van Wyk</i>	6045
THE TESS-INDIA PROGRAMME: STIMULATING AND SUPPORTING NEW TEACHING PRACTICE AND EFFECTIVE OER USE AT SCALE <i>S. Cross, F. Wolfenden, L. Adinolfi</i>	6052
PUPIL'S QUESTION IN RELATION TO TEACHER'S INSTRUCTION STRATEGY <i>M. Pavelková</i>	6055
E-CONTENT – INTELLECTUAL PROPERTY ASPECTS <i>S. Dimitrova</i>	6061
INTERTEXTUAL COMPETENCE: AN EXPERIMENTAL STUDY OF ADVANCED L1 RUSSIAN LEARNERS OF ENGLISH <i>O. Blinova</i>	6066
MOVING LARGE LECTURES TO COLLABORATIVE LEARNING IN NEWLY DESIGNED CLASSROOMS <i>M. Bode, J. Ross</i>	6070
A PROPOSAL OF AN EDUCATIONAL SUPPORT WEB SYSTEM AND SAMPLE PROBLEMS IN JAVA PROGRAMMING EXERCISES FOR OBJECT-ORIENTED DEVELOPMENT BY STEPWISE REFINEMENT <i>R. Ishii, K. Tsuji, H. Tominaga</i>	6071

STUDENTS' NETWORKING AND ACADEMIC PERFORMANCE: AN ANALYSIS USING SOCIAL NETWORKS MEASURES	6077
<i>A. Pelaez-Verdet, J. Garcia-Mestanza, M.J. Carrasco-Santos, E.I. Gonzalez-Guerrero</i>	
INTELLECTUAL PROPERTY MANAGEMENT IN DIGITIZATION AND DIGITAL PRESERVATION OF CULTURAL HERITAGE	6082
<i>T. Trencheva, E. Zdravkova</i>	
VIDEOS FOR LEARNING PHYSICS: LABORATORY, YOUTUBE	6088
<i>M. Soler, L. Escoda, J. Planella, J.J. Suñol</i>	
SMARTIFYING DESIGN ICONS: A WORKSHOP TO IMPROVE UX IN DESIGN PRODUCTS BY SMART MATERIAL INTEGRATION	6092
<i>F. Papile, R. Santi, B. Del Curto</i>	
PARTICIPATORY DESIGN EVENTS TO REACTIVATE URBAN NEIGHBORHOODS: A SOCIAL-DRIVEN EXPERIMENTATION IN THE NOLO DISTRICT OF MILAN	6102
<i>F. Vergani</i>	
DIGITAL MATURITY MODEL FOR BULGARIAN HIGHER EDUCATION INSTITUTIONS	6111
<i>R. Doneva, S. Gaftandzhieva, G. Totkov</i>	
DEVELOPING ENGINEERING COMPETENCES APPLYING THE FACTORY LEARNING METHODOLOGY UNDER THE NEW TEC21 EDUCATIONAL MODEL	6121
<i>D. Navarro-Durán, M.J. Ramírez-Cadena, J. Membrillo Hernández</i>	
TECHNOLOGY-ENHANCED LEARNING IN A TEACHER EDUCATION UNIVERSITY: DESIGN AND DEVELOPMENT OF INNOVATIVE ONLINE EXPERIMENTS AND RELATED COURSEWARE FOR STEM EDUCATION	6127
<i>C.K. Chan, C.C. Cheang, D. Sun, K.M. Tsang, Y.Y. Yeung</i>	
NEW TECHNOLOGICAL TRENDS IN ENGLISH LANGUAGE LEARNING	6134
<i>M. Goksu, N. Cavus</i>	
PRINTED AND DIGITAL TEACHING AND LEARNING RESOURCES USED BY LOWER SECONDARY SCHOOL PUPILS	6140
<i>Z. Sikorova, M. Vaclavik, I. Cervenkova</i>	
PILOTS RESULTS: USAGE AND LESSON LEARNT WITHIN THE FIRST PILOTS IN EUROPE	6148
<i>M. Grammatikou, D. Pantazatos, I. Barth, A. Corleto, N. Sansone, M. Zimmiewicz</i>	
THE EXPERIENCE OF MASS EDUCATION OF UNIVERSITY TEACHERS IN NEW INFORMATION TECHNOLOGIES AND THE CREATION OF ELECTRONIC COURSES IN LMS MOODLE	6154
<i>L. Apakina, E. Lotova</i>	
SOCIAL RESPONSIBILITY IN HIGHER EDUCATION INSTITUTIONS IN PORTUGAL: THE MISSING LINK BETWEEN EXPECTATIONS, PERCEPTIONS AND PRACTICES	6159
<i>S. Gomes, M. Nogueira, F. Serra, A. Esgaio</i>	
EFFECTIVENESS OF TEACHING METHODS IN INVOLVING STUDENTS: PRACTICAL DIGITAL EXPERIENCES AND GAMIFICATION	6169
<i>F. Diez</i>	
PERSONAL EXPERIENCE AND THE CONSTRUCTION OF KNOWLEDGE: THE CASE OF UNDERGRADUATE TOURISM MANAGEMENT STUDENTS	6177
<i>L. Ochoa Siguencia, P. Halemba, D. Herman, Z. Gródek-Szostak</i>	
THE INCLUSION OF ROMA LITERATURE INTO SCHOOL ACTIVITIES IN HUNGARIAN IN SLOVAKIA	6186
<i>Ž. Bárčiová, G. Tóthová</i>	
CROWDSOURCING SOLUTIONS FOR SUPPORTING COLLABORATIVE LEARNING: A CASE OF UNDERGRADUATE MANAGEMENT STUDENTS	6192
<i>L. Ochoa Siguencia, A. Checinska-Kopiec</i>	
PROFESSIONAL DEVELOPMENT FOR SCHOOL LEADERS: A FOCUS ON SOFT AND DIGITAL SKILLS	6200
<i>A. Makri, D. Vlachopoulos</i>	
THE INFLUENCE OF FOREIGN LANGUAGE TEACHERS' PECULIARITIES ON THEIR ICT-COMPETENCE TRAINING	6210
<i>N. Yesenina</i>	
IMPROVING TEACHERS VISUAL PRESENTATIONS WITH SIMPLICITY, CLARITY AND BREVITY	6218
<i>F. Ramos, D. Iskandaryan, A. Gomez-Cambronero</i>	

DEVELOPMENT PROSPECTS OF E-LEARNING MODULES AT PORTAL OF UNIVERSITIES	6225
<i>D. Tothova, D. Orszaghova, R. Hornyak Greganova, J. Fabus</i>	
NUTRITIONAL EDUCATION: A TEACHING LEARNING SEQUENCE ABOUT CELIAC AND GLUTEN FOR PRIMARY SCHOOL CHILDREN	6233
<i>M. López-Pérez, S. Piñeiro-Fernández, A. Lasa, M. Bustamante, O. Martínez, J. Miranda, I. Larretxi, E. Simón, I. Txurruka, V. Navarro</i>	
LEARNING BY DOING? THE CHALLENGE OF SUPERVISING INTERNATIONAL MASTER AND PHD STUDENTS	6241
<i>B. Lopes, S. Diogo</i>	
TAKING THE NEXT STEP – INTERNSHIPS AND MENTORING TO PROMOTE THE TRANSITION OF YOUNG ADULTS INTO THE JOB MARKET: SAPIR ACADEMIC COLLEGE AS A CASE STUDY	6248
<i>R. Miller</i>	
BACKGROUND AND CURRENT SITUATION OF LITERACY OF ROMA PEOPLE IN SLOVAKIA	6254
<i>Ž. Bárcziová, G. Tóthová</i>	
THE IMPACT OF THE WILDLIFE NEWTON VIRTUAL REALITY APPLICATION AND VIRTUAL LAB ON KNOWLEDGE ACQUISITION IN STUDENTS WITH SPECIAL EDUCATIONAL NEEDS	6260
<i>M. Bratu, D. Caraman, M. Garabet, I. Ghergulescu, C.H. Muntean</i>	
NUTRITIONAL EDUCATION: A GLUTEN-FREE COOKING WORKSHOP FOR FAMILIES	6268
<i>S. Piñeiro-Fernández, M. López-Pérez, I. Larretxi, J. Miranda, E. Simón, A. Lasa, M. Bustamante, O. Martínez, V. Navarro, I. Txurruka</i>	
EXPLORING VIRTUAL REALITY TO IMPROVE ENGINEERING STUDENTS' SPATIAL ABILITIES. PILOT STUDY	6275
<i>F. Alpiste Penalba, J. Torner Ribé, M.A. Brigos Hermida</i>	
A COMPLEX INSTRUMENT FOR MEASURING THE COMPONENTS OF GYMNASIUM STUDENTS' BIOLOGICAL LITERACY	6285
<i>H. Semilariski, A. Laius</i>	
PRO EDUCATE PROGRAMME: EFFECTIVE PRACTICES TO PROMOTE EDUCATIONAL SUCCESS AND AVOID SCHOOL EARLY LEAVING	6294
<i>B. Bellés-Fortuño, V. Garrido-Campos</i>	
INTRODUCTION TO INTERACTIVE COURSE NOTES IN EBOOK	6301
<i>B. Magnusson</i>	
THE USE OF THE PROBLEM TREE METHOD TO FIND AND SOLVE NEGATIVE SITUATIONS IN THE EDUCATIONAL SYSTEM	6307
<i>D. Popa, G.M. Moraru</i>	
GRADE 8 AND 11 STUDENTS' SCIENCE AND SCIENCE-RELATED CAREER PROFILES	6312
<i>H. Semilariski, R. Soobard, J. Holbrook, M. Rannikmäe</i>	
APPLICATION OF TRIZ FOR DEVELOPMENT OF A SUSTAINABLE EDUCATION SYSTEM	6320
<i>C. Cloete, J. Spies</i>	
TRADITIONS AND OPPORTUNITIES FOR BIBLIOTHERAPY IN BULGARIA	6326
<i>S. Eftimova</i>	
EVALUATION OF THE QUALITY OF HIGHER EDUCATION STUDENTS BY EMPLOYERS: THE CASE OF THE TOURIST DESTINATION IN JARDINES DEL REY, CUBA	6331
<i>D. García-Hurtado, R. Naranjo-Pérez, C. Devece</i>	
INSTITUTIONAL RESPONSES TO ENHANCE HUMAN CAPABILITIES THROUGH UNIVERSITY LIFE	6336
<i>A.I. Tenjo Morales, A. Otálora-Buitrago, C.A. Mutis Barreto</i>	
LIBRARIES FOR THE FUTURE: THE ROLE OF THE LIBRARY MANAGER	6340
<i>S. Eftimova</i>	
RELATION BETWEEN MOTIVATION, METACOGNITION AND COGNITIVE PERFORMANCE	6345
<i>N. Lara, M.A. Pérez Nieto</i>	
USER-ORIENTED INTRODUCTION OF A DIGITAL LEARNING PLATFORM AT RWTH AACHEN UNIVERSITY: A FIELD REPORT OF FIRST-LEVEL SUPPORT	6346
<i>S. Kubiak, S. Grzemski</i>	

INNOVATING IN STEM: A FOUR-PHASED LEARNING DYNAMICS IN PROBABILITY <i>S. Belope-Nguema, M.A. Medina-Sánchez</i>	6356
CONTRIBUTION FROM THE BALANCED SCORECARD IMPLEMENTED AT THE UNIVERSITY OF CIEGO DE ÁVILA TO THE SUSTAINABLE DEVELOPMENT OF THE TERRITORY <i>D. García-Hurtado, R. Naranjo-Pérez, C. Devece</i>	6363
HOW DO TEACHERS INTEGRATE DIGITAL MEDIA INTO PEDAGOGICAL ACTION AND PROFESSIONAL SELF-IMAGE? <i>T. Vogel, G. Marci-Boehncke</i>	6369
INNOVATIVE ONLINE EXPERIMENTS FOR STEM EDUCATION IN CHINA: DESIGN AND DEVELOPMENT AND EVALUATION OF STUDENTS' LEARNING <i>C. Xu, J.J. Wang, D. Sun, K.M. Tsang, Y.Y. Yeung</i>	6377
ALIGNMENT OF TECHNOLOGIES IN ACCOUNTING EDUCATION <i>N. Rhodes</i>	6378
SHARED LEARNING DATA ALLOWING BLENDING OF A VARIETY OF TOOLS AND A CENTRAL POINT OF DATA COLLECTION <i>S. Lariccia, G. Toffoli</i>	6386
SMART CITIES AND COMMUNITIES (SMACCS), AN ERASMUS MUNDUS JOINT MASTER DEGREE WITH PRELIMINARY FIRST YEAR PREPARATORY RESULTS TOWARDS A FUTURE SUCCESSFUL IMPLEMENTATION <i>C. S. Ioakimidis</i>	6395
ACTIVE LEARNING IN ENGINEERING - MEXLE, AN OPEN SOURCE LAB-IN-A-BOX SYSTEM FOR STUDENTS IN ELECTRICAL ENGINEERING, ELECTRONICS, SIGNAL PROCESSING AND PROGRAMMING CLASSES <i>G. Gruhler, T. Fischer, J.F. Kemadjou, L. Wildermuth</i>	6405
THE WORM HAS TO TASTE TO THE FISH, NOT TO THE ANGLER! THE STUDENT-CENTERED "SUSAN"-CONCEPT FOR LEARNING <i>G. Gruhler, T. Fischer, L. Wildermuth, J.F. Kemadjou</i>	6411
EDUCATING THE EYE IN THE TEACHING OF THE ARCHITECTURAL PROJECT <i>M.I. Alba Dorado</i>	6421
STRATEGIES OF SEDUCTION IN THE TEACHING OF THE ARCHITECTURE PROJECT <i>M.I. Alba Dorado</i>	6427
THE READING COMPREHENSION OF HUNGARIAN MINORITY STUDENTS IN SECONDARY GRAMMAR SCHOOL IN SLOVAKIA <i>K. Kázmér, I. Vančo</i>	6432
TEACHING QUALITY AND STUDENT SATISFACTION FEEDBACK SURVEY IN MICROBIOLOGY AT JESSENIUS FACULTY OF MEDICINE IN MARTIN <i>V. Sadlonova, N. Malinowska, P. Pitlova</i>	6439
THE USE OF ART AND TECHNOLOGY IN EDUCATION <i>M.R. Ripoll</i>	6448
AUTHENTIC GAMES AS A TOOL OF ORGANIZATION OF INFORMAL LANGUAGE EDUCATION AT JUNIOR SCHOOL AGE <i>A. Dubakov, J. Olar</i>	6453
A CASE STUDY EXAMINING THE COST MEASUREMENTS IN PRODUCTION AND DELIVERY OF A SMALL PRIVATE ONLINE COURSE (SPOC) FOR TEACHING ADMINISTRATIVE STAFF TO ENGAGE WITH YOUNG PATIENTS <i>E. Meinert, J. Eerens, C. Banks, J. Car</i>	6458
SPORT, DUAL CARRIERS AND EDUCATION: THE E-LEARNING WAY <i>P. Bouquet, A. Molinari</i>	6467
SHOULD TEACHER OBSERVATIONS AND APPRAISALS BE DIRECTLY ALIGNED WITH WHAT YOU WANT TO SEE IN THE CLASSROOM.... OF COURSE THEY SHOULD! A BALANCED APPROACH TO TEACHER OBSERVATIONS AND APPRAISALS <i>M. Kammer</i>	6474
PLAYING TOGETHER – THE CHALLENGE FOR PRESCHOOL TEACHERS <i>A. Klimentova, S. Grofcikova, M. Macajova, T. Turzak, V. Kurincova, E. Mendelova</i>	6475
MOOCs FOR SECONDARY EDUCATION: A CHANCE FOR TEACHERS TO BROADEN THEIR HORIZONS <i>M. Marchisio, S. Rabellino, M. Sacchet, D. Salusso</i>	6480
E-MENTORING, E-TUTORING, AND E-COACHING IN LEARNING ORGANIZATIONS <i>S. Barnová, S. Krásna, G. Gabrhelová</i>	6488

LMS DATA COLLECTION, PROCESSING AND COMPLIANCE WITH EU GDPR <i>A. Aleksieva-Petrova, I. Chenchev, M. Petrov</i>	6494
SYMMETRIC POLYNOMIALS AS ENRICHMENT OF HIGH SCHOOL MATHEMATICS TEACHING <i>J. Vysoká</i>	6502
GOOGLE SCHOLAR: A NEW OR JUST ANOTHER TOOL TO BE USED ON FACULTY RECRUITMENT AND RESEARCH QUALITY ASSESSMENT? <i>C. S. Ioakimidis, D. Savvidis</i>	6506
SCHOOLS, MUSEUMS, AND YOUNG AUDIENCES: UNDERSTANDING THE EDUCATIONAL ROLE OF MUSEUMS IN THE 21ST CENTURY USING CASE STUDIES FROM GERMANY AND INDIA <i>H.H. Insaf</i>	6507
EXAMPLES OF INCLUSION OF MOTIVATIONAL TASKS IN MATHEMATICS TEACHING <i>J. Vysoká</i>	6515
ENHANCING LEARNING EXPERIENCE OF CHILDREN WITH HEARING IMPAIRMENTS WHEN EXPOSED TO NEWTON SEALIFE VIRTUAL REALITY APPLICATION <i>M. Bratu, D. Caraman, M. Garabet, I. Ghergulescu, C.H. Muntean</i>	6519
ASSESSMENT OF QUANTITATIVE AND AUTOMATED RUBRICS AS LEARNING TOOL IN ENGINEERING THERMODYNAMICS <i>B. Peña, M. Bailera</i>	6527
FUTURE TEACHERS' CONCEPTIONS ON READING - A CASE STUDY <i>D. Melão</i>	6534
E-LEARNING IN THE MIDDLE EAST AND NORTH AFRICA (MENA) REGION: REVIEW OF TRENDS FROM THE FIRST COMPREHENSIVE REGIONAL HANDBOOK <i>A. Weber</i>	6544
ENHANCING GRADUATENESS AND EMPLOYABILITY IN ACCOUNTING STUDENTS THROUGH THE INTEGRATION OF INFORMATION AND COMMUNICATION <i>N. Rhodes, R. Rhodes</i>	6550
EXPLORING STUDENT-CENTRICITY IN CURRICULUM DEVELOPMENT <i>S. Taimela</i>	6559
THE STRENGTHENING OF VALUES AMONG THE STUDENTS OF THE ACCOUNTING FACULTY OF THE UNIVERSIDAD VERACRUZANA IN VERACRUZ AS A BASIS FOR THEIR INTEGRAL PROFESSIONAL TRAINING <i>C.P. Garrido Vargas, H. Zizumbo Ramirez, M.E. Senties Santos, G. Ruiz Blanco, C. Ruiz Garrido, Z.L.A. Fernández Arrazola</i>	6564
UNIVERSITY MUSEUM AS A STRUCTURAL ELEMENT OF THE SOCIAL AND CULTURAL ENVIRONMENT OF THE UNIVERSITY <i>I. Yurkin, S. Kalita, I. Lapshin</i>	6569
ASSESSMENT OF THE IMPACT SELECTED FACTORS HAVEN ON THE EXPECTATIONS OF FULL-TIME STUDENTS – A CASE STUDY <i>E. Spigarska, E. Majerowska</i>	6574
IMPACT OF OPEN ENROLLMENT IN COURSE-BASED UNDERGRADUATE RESEARCH EXPERIENCES WITH AT-RISK STUDENT POPULATIONS <i>L. Echeгойen, S. Aley, J. Garza, C. Ramos, S. Oviedo, G. Corral</i>	6580
INTRODUCING PORTABLE DIGITAL DEVICES INTO SCIENCE MUSEUM OUTREACH ACTIVITIES: HOW DIVERSE CAN IT BE? <i>E. Reis, A. Colaço, C. Miguel, F. Dias, J. Oliveira, L. Gonçalves, M. Rodrigues, T. Gomes, C. Veiga-Pires</i>	6589
CITIZEN SEISMOLOGY IN THE CLASSROOM AND BEYOND <i>D. Tataru, B. Zaharia, E. Nastase</i>	6598
STUDENT SUPPORT AND MOTIVATION: TUTORING, COACHING, AND SUPPORTING STUDENTS IN THE 21ST CENTURY <i>O. Torian</i>	6599
COUNTERACTING ABUSE IN MEDICAL EDUCATION AND PRACTICE: LESSONS FROM LITERARY THEORIES OF HUMOR AND SATIRE <i>A. Weber</i>	6604
LEARNING ABOUT STEAM THROUGH THE RESOLUTION OF REAL PROBLEMS AND THE INVOLVEMENT OF LOCAL STAKEHOLDERS <i>I. Menchaca Sierra, P. Doran</i>	6609

PERSPECTIVES OF CURRICULAR FLEXIBILITY IN HIGHER EDUCATION INSTITUTIONS. CASE: FACULTY OF ACCOUNTING IN UNIVERSIDAD VERACRUZANA IN VERACRUZ <i>H. Zizumbo Ramirez, C.P. Garrido Vargas, M.E. Senties Santos, M. Fragoso Terán, C. Ruiz Garrido, S. Flores Aguilar</i>	6614
THE RELATION BETWEEN ORTHOGRAPHY AND PRONUNCIATION VIEWED BY THE LEARNERS OF ENGLISH <i>H. Vancova</i>	6621
INTEGRATED METHODOLOGY FOR THE DEVELOPMENT OF COMMUNICATION SKILLS OF MEDICAL POSTGRADUATES <i>N. Olkhovik, A. Vozdvizhenskaya, E. Lipatova</i>	6626
ENTHUSED FOR ENGINEERING – A ROBOT COMPETITION TO PROMOTE STEM INTERESTS IN HIGH SCHOOL STUDENTS <i>M. Spreng, M. Knopp, I. Heiser</i>	6634
NEW FOCUS FOR A NEW UNDERGRADUATE DEGREE PROGRAM: STRATEGIC COMMUNICATION <i>B. Wiggins</i>	6643
ACCOUNTING TEACHING METHODS IN THE PROFESSIONAL ETHICS ASPECT – EXAMINATION OF HIGH-SCHOOL STUDENTS’ OPINIONS <i>E. Spigarska, G. Bucior</i>	6644
THE ROLE OF HEI BRANDS AS KEY DRIVERS FOR STUDENTS AND RECRUITERS’ CHOICES IN A COMPETITIVE MARKETPLACE: EXPLORING BRAND ATTRIBUTES AS PERCEIVED BY STAKEHOLDERS (INSTITUTION, STUDENTS AND RECRUITERS) <i>M. Noite, M. Nogueira</i>	6651
THE IMPORTANCE OF INNOVATION IN SLOVAKIA <i>M. Drahošová, A. Šturmančin</i>	6661
SOFT SKILLS FOR A SUCCESSFUL CAREER: THE MODEL OF BRAIN GAMES <i>I. Kacane, Z. Badins, A. Romanovska</i>	6666
ELECTROENCEPHALOGRAPHIC RESPONSE OF E-LEARNING TASKS ON A LEARNING MANAGEMENT SYSTEM: AN EMOTIONAL AND COGNITIVE APPROACH <i>F. Rejón-Guardia, M.A. García-Sastre, M. Alemany-Hormaeche</i>	6675
ANALYSIS OF CONCEPTION IN PHYSICS IN TECHNICAL UNIVERSITIES <i>P. Hockicko, G. Tarjanyiova</i>	6681
ENERGY INTELLIGENCE SCHOOL PROJECT IN COLLABORATION WITH THE COMMUNITY <i>C. Jaime Tugores, I. Menchaca Sierra, M. Ramis Barceló</i>	6687
ANAPHORIC CONNECTIVE DATABASE <i>K. Rysová, M. Rysová</i>	6692
E-LEARNING, PROFESSIONAL TRAINING, AND DIGITAL TOOLS: NEW OPPORTUNITIES FOR STUDENTS OF ALL AGES <i>L. Kazantseva, P. Nicolini, E. Cirilli</i>	6701
UP TO UNIVERSITY PROJECT PILOT OUTCOMES FROM LITHUANIA: ANALYSIS OF GATHERED DATA AND LESSONS LEARNT <i>G. Cibulskis, A. Urbaityte</i>	6708
IMPROVING STUDENTS' TPACK THROUGH LEARNING LABS: THE IMPLEMENTATION OF ICHEMLAB AND STEAM MAKERSPACE <i>S. Lukas, W. Müller, J. Huwer, C. Driike-Noe, I. Koppel, S. Rebholz, J. Stratmann, F. Theilmann, H. Weitzel</i>	6718
STUDY PROCESS VISUALIZATION IN MOODLE <i>L. Ulmane-Ozolina, I. Magazeina, A. Jansone</i>	6727
THE GAME AS A NECESSARY COMPONENT OF E-LEARNING MATERIALS FOR CHILDREN <i>A. Miftakhova, V. Yapparova</i>	6733
LESSON LEARNED FROM DESIGN, DEVELOPMENT AND LARGE SCALE IMPLEMENTATION OF EDUCATION TEACHER TRAINING OF AN OPEN SOURCE LMS, USING THIS LMS <i>I. Papantoni, C. Pierrakeas, K. Dragogiannis</i>	6737
ANALYSIS OF APPLIED MOBILE TECHNOLOGIES IN UNIVERSITY MATH EDUCATION <i>L. Korenova, T. Barot, R. Krpec, I. Veress-Bagyj</i>	6744

ANALYSIS OF THE MAIN WEAKNESSES OF UNIVERSITY STUDENTS REGARDING THE "EFFECTIVE ORAL COMMUNICATION" STUDENT OUTCOME	6749
<i>M.C. Bas, M.J. Lerma-García, N. Matarredona-Desantes, R. Oltra Badenes, E. Pérez-Esteve, J.A. Silvestre-Cerdà</i>	
MULTICULTURAL EDUCATIONAL SPACE AS A FACTOR OF PSYCHOLOGICAL WELL-BEING IN INTERPERSONAL RELATIONS	6755
<i>G. Kameneva, M. Rushina, Y. Anisimova</i>	
COHERENCE ERRORS IN LEARNERS' ESSAYS AND A POSSIBILITY OF THEIR IMPROVEMENT THROUGH EVALD (AUTOMATED EVALUATOR OF DISCOURSE)	6761
<i>M. Rysová, K. Rysová, J. Mírovský, M. Novák</i>	
ENHANCING TEAM WORK QUALITY USING POSITIVE PSYCHOLOGY AND A SUPPORTING SMARTPHONE APPLICATION	6769
<i>K. O'Sullivan, J. O'Mullane, D. O'Sullivan</i>	
INTERACTIVE AUDIOVISUAL RESOURCES OF MINIATURISED EXTRACTION TECHNIQUES IN CHEMISTRY DEGREE FOR PRACTICAL PURPOSES	6777
<i>B. Socas Rodríguez, R. Rodríguez Ramos, Á. Santana Mayor, M.Á. Rodríguez Delgado</i>	
FACTORS INFLUENCING THE PLANNING OF TEACHING	6783
<i>K. Papoušková, M. Telecký</i>	
MODELING THE EDUCATIONAL PATHS FOR FUTURE STAFF MEMBERS OF INDUSTRIAL ENTERPRISES ON THE BASIS OF LONG-TERM AND MEDIUM-TERM WORKFORCE PLANNING	6789
<i>V. Andreev, J. Yeleneva, K. Yelenev, S. Chervenková, E. Yeleneva</i>	
SCHOOL MILIEU AS A SOURCE OF PERCEIVED SOCIAL SUPPORT AND SELF-EVALUATION OF STUDENTS WITH DYSLEXIA	6796
<i>U. Gosk, I. Kucharczyk</i>	
EDUCATION IN THE STATE LANGUAGE: PROBLEMS AND NECESSARY SOLUTIONS IN PRE-SCHOOL EDUCATION INSTITUTIONS	6802
<i>D. Markus, T. Zirina, K. Markus</i>	
TOWARDS NEW EXPERIENCES FOR INTERNATIONAL COOPERATION: A MULTIDISCIPLINARY ICT AND BUSINESS INTERNATIONAL PROJECT	6808
<i>I. Seruca, K. Suilen, L. Wijgergangs</i>	
INITIATION IN GREEN CHEMICAL PROCEDURES IN ANALYTICAL CHEMISTRY. A NEW APPROACH FOR PRACTICAL SUBJECT	6815
<i>B. Socas Rodríguez, Á. Santana Mayor, R. Rodríguez Ramos, M.Á. Rodríguez Delgado</i>	
THE ROLE OF CONFIDENCE IN SUCCESSFUL PROFESSIONAL ACTIVITY OF TEACHERS	6823
<i>M. Rushina, G. Kameneva</i>	
LEARNING PLATFORMS AND THEIR SIGNIFICANCE IN MODERN SOCIETY	6830
<i>T. Misik, J. Stofkova, K. Repkova Stofkova</i>	
CREATING A SOCIAL COMMUNITY TO DIGITALLY ENGAGE UNPAID CAREGIVERS THROUGH ONLINE RESOURCES	6837
<i>D. Hanna, K. Newman, Z. Wang, H. Wang</i>	
BUILDING INTERACTIVE NARRATIVES: CHARACTERS, STORIES AND IN-BETWEENS. EXPERIMENTATIONS AND CRITIQUE	6844
<i>I. Mariani, M. Ciancia</i>	
STEM IN HIGHER EDUCATION: THE USE OF AN ADVANCED COMPUTING ENVIRONMENT TO DEVELOP FUNDAMENTAL SKILLS FOR UNIVERSITY CAREER AND THE WORLD OF WORK	6854
<i>A. Barana, C. Fissore, M. Marchisio</i>	
FLIPPED CLASSROOM: TECHNOLOGICAL TEACHING AND LEARNING METHODOLOGY IN UNIVERSITY	6864
<i>P. Santillán-Aguirre, V.C. Cadena-Vaca, D. Olmedo-Vizueta, R. Santos</i>	
E-ASSESSMENT TOOLS USED IN A B-LEARNING COURSE IN PHARMACEUTICAL SCIENCES POST-GRADUATE COURSE	6873
<i>J. Marto, N. Oliveira, N. Pedro, H. Ribeiro</i>	
THE BUSINESS PROCESS MANAGEMENT IN UNIVERSITY ENVIRONMENT TO SUPPORT THE INNOVATIONS IN EDUCATION	6878
<i>P. Balco, M. Drahosova, P. Linhardt, M. Gregus</i>	
E-LEARNING AS A SUPPORTIVE FORM OF EDUCATION AT UNIVERSITIES	6879
<i>K. Repkova Stofkova, Z. Stofkova, P. Pitlova</i>	
INNOVATION INCUBATOR SCHOOLS: EXAMPLES OF GOOD PRACTICE	6886
<i>I. Menchaca Sierra, M.L. Guenaga</i>	

STRENGTHENING THE LINKS BETWEEN RESEARCH AND EDUCATION THROUGH A STEM SUMMER SCHOOL PROGRAM	6891
<i>D. Tataru, A. Popovici, B. Popovici, C. Mironov, M. Straticiu</i>	
TEACHING PARASITE CULTURE THROUGH E-LEARNING INCORPORATING DIGITISED 2D AND 3D PARASITE IMAGES	6892
<i>A. Peña-Fernández, S. Llorens, C. Hurtado, F. Izquierdo, M.J. Pozuelo, S. Fenoy, C. Young, M.D. Evans, M.D. Ollero, C. Del Aguila, A. Magnet</i>	
THE DRAMATIZATION IN THE CLASSROOM, IN A CONTEXT OF HIGHER EDUCATION, AS A RESOURCE TO PROMOTE SOCIAL, PSYCHOLOGICAL, EDUCATIONAL AND COMMUNICATIVE COMPETENCES IN THE STUDENTS	6897
<i>L. Bruno, H. del Castillo</i>	
CHILDREN WITH DISABILITIES AS SOCIAL PARTNERS IN THE PERCEPTION OF KAZAKH PARENTS AND THEIR CHILDREN	6901
<i>L. Butabayeva, E.M. Kulesza</i>	
EQUALDIGITALENT – FOSTERING ENTREPRENEURSHIP AND DIGITAL SKILLS UNDER DIVERSITY ASPECTS	6908
<i>J. Kirch, B. Eisenbart</i>	
DEPLOYMENT OF TEACHING ACTIVITIES SUPPORTING STUDENTS’ CRITICAL THINKING AT UNIVERSITY OF ECONOMICS, PRAGUE	6918
<i>E. Jarošová, H. Lorencová, T. Králová</i>	
LEARNING WHEREVER, WHENEVER: EDUCATION IN A SUITCASE	6919
<i>A.H. Jonsdottir, J. Lentin, G. Stefansson</i>	
ENHANCING LISTENING COMPREHENSION AMONG UNDERGRADUATE STUDENTS OF UPPER-INTERMEDIATE LEVEL OF ENGLISH	6926
<i>Y. Petrova</i>	
EDUCATIONAL SOFTWARE FOR THE INTERACTIVE STUDY OF DYNAMIC ABSORBERS	6932
<i>A. Craifaleanu, C. Dragomirescu, I.G. Craifaleanu</i>	
LIFELONG LEARNING WITHOUT BORDERS	6941
<i>S. Kalná, T. Hloušková, B. Hašková</i>	
SOCIAL AND PHILOSOPHICAL DIMENSIONS IN SCHOOL COUNSELOR TRAINING FOR PERSPECTIVE TAKING AND EMPATHIC UNDERSTANDING	6947
<i>Y. Maman, M. Heim, J. Gardere, D. Sharir</i>	
GOING BLENDED IN INNOVATION AND DESIGN EDUCATION: BENEFITS, CHALLENGES, AND LESSONS LEARNED	6954
<i>K. Chirumalla, Y. Eriksson, M. Bjelkemyr, J.A. Schaeffer</i>	
A PROFILE OF TEACHER QUALITY AND STUDENT PERFORMANCE IN BRAZIL’S BASIC EDUCATION	6964
<i>J. Nunes Júnior, M. Calle Aguirre, G. Carvalho, M. Xavier Aguirre, B. Silva, W. Silva, A. Emiliano, V. Lima, W. Costa, A. Bezerra</i>	
DATA ANALYTICS EXPERIENCE: FINDING EQUILIBRIUM BETWEEN SURVEYS, EVALUATION AND MODELING	6972
<i>O. Sladek, B. Kamrlova, T. Zeman</i>	
EXPANDING ONLINE TEACHING STRATEGIES THROUGH PSYCHOPEDAGOGICAL SUPPORT	6981
<i>A. Caletti, G. Cruz, I. Ochoa-Carrasco</i>	
A PREPARED OR AN OPEN EMPLOYEE: ENTREPRENEURS’ EXPECTATIONS FROM GRADUATES OF ACCOUNTING STUDIES – EVIDENCE FROM POLAND	6990
<i>E. Spigarska, G. Bucior</i>	
ANALYSIS OF POSSIBILITIES AND KEY COMPETENCES OF LIFELONG LEARNING IN SELECTED ORGANIZATION	6998
<i>P. Seemann, Z. Stofkova, V. Binasova</i>	
INDUCTIVE VS. DEDUCTIVE APPROACHES TO TEACH ENGLISH GRAMMAR TO ADULTS	7007
<i>O. Ochoa, N. Hernández, N. de la Torre, S. Isabeles Flores</i>	
CLOUD TRAINING PLATFORMS TO CREATE NEW COMPETENCES FOR IT SERVICE MANAGEMENT	7012
<i>G.P. Dimitrov, Z. Petrov</i>	
INCLUSIVE DIDACTICS AND DIGITAL MEDIATION: ENHANCEMENT OF COMPUTATIONAL AND CALCULATION SKILLS	7019
<i>G. Antonini, A. Di Marco, L. Forlizzi, F. Graziosi, M.V. Isidori, G. Melideo</i>	

A LEARNING SYSTEM SUPPORTING ACTIVE LEARNING FOR CONTINUING EDUCATION IN SOFTWARE ENGINEERING	7023
<i>N. Englisch, A. Heller, J. Tonndorf-Martini, W. Hardt</i>	
MANAGING E-LEARNING METADATA WITHIN TOOLBOX.ACADEMY: KNOWLEDGE ACQUISITION WITH BIG DATA ALGORITHMS AT THE STUDENT AND GROUP LEVELS	7030
<i>F. Vico, M. Molina, D. Orden, F. Rivas-Ruiz, R. García, J. Masa</i>	
GAME-BASED TEACHING IN HISTORY – CASE STUDY IN BULGARIAN SCHOOLS	7036
<i>V. Terzieva</i>	
DISCRIMINATION AND EXCLUSION OF PERSONS WITH AUTISM IN POLAND	7045
<i>E. Mlynarczyk-Karabin</i>	
THIS HOUSE IS A FRIDGE! TRAINING SOCIAL COMMUNICATION SKILLS IN CHILDREN WITH NEURODEVELOPMENTAL DISORDERS THROUGH AN APP	7050
<i>C. Andrés-Roqueta, R. Flores, A.B. Gorriz, K. Cuervo, A. Igualada, F. Ramos</i>	
A STUDY OF THE SCHOOL TRAJECTORY OF BASIC EDUCATION STUDENTS BY REGION IN BRAZIL	7051
<i>A. Emiliano, M. Calle Aguirre, G. Carvalho, M. Xavier Aguirre, W. Silva, W. Costa, B. Silva, V. Lima, J. Nunes Júnior, A. Bezerra</i>	
TEACHING SUSTAINABLE ENERGY IN PRIMARY SCHOOL: A GLOBAL LEARNING APPROACH	7059
<i>M. Carli, C. Luisetto, O. Pantano</i>	
THE ROLE OF NON-DIRECTIVE THERAPY IN AUTISM BASED ON EXAMPLE OF THE “GROWTH THROUGH PLAY SYSTEM”	7069
<i>E. Mlynarczyk-Karabin</i>	
CODING SKILLS ARE ACQUIRED GENDER-INDEPENDENTLY IN THE K-12 SYSTEM: THE TOOLBOX.ACADEMY EXPERIENCE	7076
<i>F. Vico, M. Molina, D. Orden, F. Rivas-Ruiz, R. García, J. Masa</i>	
PERSONALISATION IN EDUCATIONAL GAMES – A CASE STUDY	7080
<i>V. Terzieva</i>	
TEMPORAL EVOLUTION OF THE QUALITY INDICATORS OF THE OCCUPATIONAL RISK PREVENTION MASTER IN THE MIGUEL HERNANDEZ UNIVERSITY (2012-2018)	7091
<i>M.J. Prieto-Castelló, D. Marhuenda-Amorós, L. Pitaluga-Poveda, A. Cardona-Llorens</i>	
GUIDELINES AND FEEDBACK AS COMPONENTS OF A DIGITAL RESOURCE	7096
<i>V. Yapparova, A. Miftakhova</i>	
EFFECT OF A VIDEO-BASED REFLECTION PROGRAM ON TEACHERS’ PROFESSIONAL VISION, SELF-EFFICACY, AND STUDENTS’ MOTIVATIONAL CLIMATE	7101
<i>M. Cocca, J. Dimas Castro, F. Espino Verdugo, A. Cocca</i>	
A CODING CURRICULUM FOR K-12 EDUCATION: THE EVIDENCE-BASED APPROACH	7102
<i>F. Vico, M. Molina, D. Orden, J. Ortiz, R. García, J. Masa</i>	
KNOWLEDGE AND CREATIVITY THROUGH AUDIOVISUAL PROJECTS	7107
<i>M.R. Ripoll</i>	
ACTIVE ENGAGEMENT COURSE REDESIGN INTEGRATING DESIGN THINKING	7111
<i>R. Abdellatif</i>	
GETTING UNIVERSITY STUDENTS TO FINISH WHAT THEY STARTED: DESIGN, TESTING AND ITERATION OF AN APP TO PROMOTE STUDENT RETENTION IN HIGHER EDUCATION	7116
<i>A. Nakonechnyi, R. Allen</i>	
THE IMPACT OF MEDIA LITERACY ON THE INTENTION TO SHARE FAKE INFORMATION IN SOCIAL NETWORKS	7123
<i>C. González-Cabrera, C. Ugalde, C. Figueroa, J. Pesántez</i>	
FINANCIAL EDUCATION IN HIGH SCHOOL, PRIMORDIAL FACT FOR BUSINESSMAN	7132
<i>C.L. Serrano Junco, S.R. Quintero Rodriguez, R.I. Cruz Maldonado</i>	
THE ROLE OF THE TEACHER – THE SCHOOL METHODOLOGISTS FOR PREVENTION DEPENDENCES AND OTHER SOCIAL-PATHOLOGIC EFFECTS IN PRIMARY SCHOOL	7136
<i>R. Božik</i>	
ACADEMIC MOTIVATION OF PUPILS IN REGULAR AND WALDORF SCHOOLS	7137
<i>M. Buterin Mičić</i>	

ACADEMIC PROCRASTINATION AS A COPING STRATEGY OF WORKING ADULTS INVOLVED IN LIFELONG LEARNING <i>S. Barnová, S. Krásna, G. Gabrhelová</i>	7146
UNDERGRADUATES DEVELOPING RESOURCES FOR LOST CROPS OF AFRICA <i>C. Cullis</i>	7152
FINANCE HIGHER EDUCATION IN LATIN AMERICA <i>C.L. Serrano Junco, S.R. Quintero Rodriguez, R.I. Cruz Maldonado</i>	7158
CONFIDENCE IN THE PERFORMANCE OF COGNITIVE TASKS IN THE INTERNATIONAL MATHEMATICAL KANGAROO COMPETITION FOR AMERICAN AND RUSSIAN PRIMARY AND MIDDLE SCHOOL GIRLS AGED 8-12 <i>S. Churbanova, M. Martynovsky</i>	7164
DIGITS GRASP DIGITS: NUMBERS ON YOUR FINGERTIPS <i>R. Barrocas, M. Ninaus, K. Tsarava, C. Gawrilow, M. Lachmair, S. Roesch, K. Moeller</i>	7165
SMART LEARNING – AN EMERGING PEDAGOGICAL APPROACH <i>P. Bonanno</i>	7175
ECONOMIC KNOWLEDGE AMONG PRIMARY SCHOOL STUDENTS – AN EXAMPLE OF TWO POLISH SCHOOLS IN THE GDAŃSK REGION <i>M. Bucior, G. Bucior</i>	7185
THE HARSH REALITY OF HIGHER EDUCATION IN ITALY <i>F. Cornali</i>	7192
AN APPROACH USING A LOW-CODE PLATFORM FOR RETRAINING PROFESSIONALS TO ICT <i>J. Metrolho, R. Araújo, F. Ribeiro, N. Castela</i>	7200
WHAT DO TEACHERS WANT TO LEARN? EDUCATIONAL NEEDS OF THE POLISH SPECIAL EDUCATION TEACHERS <i>M. Fila, K. Kruś-Kubaszewska</i>	7208
RELATIONSHIP BETWEEN PUPILS' PERCEPTION OF THE SCHOOL AS A CARING COMMUNITY, SCHOOL SATISFACTION AND SOME ASPECTS OF QUALITY OF SCHOOL LIFE <i>M. Buterin Mičić</i>	7216
BUREAUCRATIC OR INSTRUCTIONAL LEADERS? AN OVERVIEW OF PORTUGUESE SCHOOL LEADERS' PERCEPTIONS ON AN AUTONOMY AND CURRICULUM FLEXIBILITY PROGRAM <i>I. Cabral, J.M. Alves, D. Soares, C. Palmeirão</i>	7224
THE INITIAL DESIGN OF A LEARNING ANALYTIC TO IMPROVE COLLABORATIVE PROCESS IN A DIGITAL FORUM <i>S. Niño, J.C. Castellanos-Ramirez, K. Parra</i>	7231
TRAINING EFFECTIVENESS AND USER EXPERIENCE OF EDUCATION TEACHER TRAINING OF AN OPEN SOURCE LMS USING THIS LMS <i>I. Papantoni, C. Pierrakeas, K. Dragogiannis</i>	7237
DEVELOPING COLLABORATIVE INTERNATIONAL BIOTECHNOLOGY ENTREPRENEURSHIP PROGRAMS <i>C. Cullis</i>	7244
AN ONTOLOGY TO BLEND TRIGONOMETRY AND ANALOGIES <i>D. Tzoumpa, T. Karvounidis, C. Douligeris</i>	7248
APPLICATION OF AUGMENTED REALITY TECHNOLOGY FOR TEACHING INDUSTRIAL SPECIALTIES IN PRACTICE <i>N. Voit, S. Kirillov, S. Bochkov, A. Elancev</i>	7256
THE FEAR OF TEACHER TRAINING STUDENTS TO LOSE THEIR MASKS: WHERE E-LEARNING REACHES ITS LIMITS <i>H. Höfer-Lück, M. Delere, G. Marci-Boehncke</i>	7260
TOWARDS CRITICAL-REFLEXIVE AGENCY: INTRODUCING THE 2030 AGENDA THROUGH ENGAGED PEDAGOGY IN HIGHER EDUCATION <i>J. Haba-Osca, F. González-Sala, R. Martínez-Carrasco</i>	7267
TRAINING THE EDUCATORS - CASE STUDY FROM THE MINISTRY OF INTERIOR, REPUBLIC OF CROATIA <i>J. Klindžić, J. Lasić-Lazić, M. Banek-Zorica, M. Abramović</i>	7273
COMPUTER CODE FOR THE IN-CLASS STUDY OF THE EQUILIBRIUM OF A RIGID BODY SUBJECT TO CONSTRAINTS <i>A. Craifaleanu, C. Dragomirescu, I.G. Craifaleanu</i>	7278

IMPACT ON THE STUDENTS LEARNING OF A TEACHING INNOVATION PROGRAM AT THE UNIVERSITY OF BARCELONA <i>J.L. Medina, B. Jarauta, I. Calduch, G. Hervas</i>	7284
PROJECT GENIUS: AN EXPERIENCE ON INNOVATIVE INTERDISCIPLINARY CONTEXTUAL EDUCATION USING GAMES DEVELOPMENT <i>J.C. Monteiro, J.C. Morais, N. Neves, H. Bollaert, P. Possemiers, D. O'Reilly</i>	7289
CREATING AND IMPLEMENTING THE INTERNATIONAL KNOWLEDGE TRIANGLE FOR INCREASING QUALITY OF STUDY PROGRAMMES <i>C. Nicolau</i>	7296
INTERDISCIPLINARITY IN AN INNOVATIVE TEACHERS' TRAINING PROGRAM AT THE UNIVERSITY OF BARCELONA: TEACHERS' PERCEPTIONS AND PROFESSIONAL DEVELOPMENT <i>J.L. Medina, B. Jarauta, G. Hervas, I. Calduch</i>	7300
GRAPHIC INTERACTIVE ENVIRONMENTS AS TOOLS OF CONSERVATION, IDENTITY AND TRANSMISSION OF ANCESTRAL KNOWLEDGE FOR CHILDREN IN TUNGURAHUA <i>D. Jordán, V.E. Santillán, P.A. Mayorga</i>	7301
EVOLUTION OF TEACHING QUALITY OF SUBJECTS PERCEIVED BY STUDENTS OF THE ONLINE OCCUPATIONAL RISK PREVENTION MASTER OF MIGUEL HERNANDEZ UNIVERSITY (2015-2018) <i>M.J. Prieto-Castelló, D. Marhuenda-Amorós, L. Pitaluga-Poveda, A. Cardona-Llorens</i>	7308
VISITS AND VIDEOS OF CONSTRUCTION SITES AND FACILITIES AS A TEACHING TOOL IN INDUSTRIAL CONSTRUCTION SUBJECTS <i>D. Carazo-Álvarez, D. Eliche-Quesada, R. Carpena-Morales, M.D. La Rubia</i>	7312
A TOOL TO ENHANCE THE UTILIZATION OF OER IN HIGHER EDUCATION <i>L. Ali, U. Schroeder</i>	7321
LOCAL DEVELOPMENT AND PARTICIPATORY CARTOGRAPHY: RE-APPROPRIATION OF LOCAL OPEN DATA TO FOSTER LOCAL DEVELOPMENT <i>F. Martínez de Carnero Calzada, S. Lariccia, M. Ramazzotti</i>	7326
THE 2019 STRIKE AND ITS IMPACT ON THE FUTURE OF THE MEXICAN UAM <i>N. Dominguez-Vergara, R.S. Ruiz-Salvatierra, R.M. Dominguez-Perez</i>	7327
A PROPOSED FRAMEWORK FOR EFFECTIVE USAGE OF SOCIAL MEDIA IN HIGHER EDUCATION ESTABLISHMENTS <i>R. Al Mamari, V.R. Naidu, A. Agarwal</i>	7337
EXPLORING THE LEARNING EXPERIENCES OF BUSINESS STUDENTS: THE CASE OF A VIRTUAL UNIVERSITY IN SPAIN <i>L.M. Cerdá Suárez</i>	7342
UX LEARNING DESIGN IN NUGGET EDUCATION <i>E. Kovatcheva, M. Koleva</i>	7350
TRAINEE TEACHERS' VISION ON OCCUPATIONAL SAFETY AND HEALTH: FROM PAST TRAINING TO FUTURE INTEGRATION IN EDUCATION <i>A. Bikfalvi, D. Escobar, G. Gimenez, M. González, N. Mancebo, R. Vilà, E. Villar</i>	7354
AUTHORING INTERACTIVE CONTENT FOR BLENDED LEARNING IN SOCIAL SCIENCES <i>A. Molnar, S. Onwu, D. Moon</i>	7359
RANKING THE BALANCED SCORECARD GOALS OF HIGHER EDUCATION INSTITUTIONS USING THE CENTRALITY MEASURES <i>N. Kadoic, N. Begicevic Redep</i>	7366
A CONCEPTUAL EXPLORATION IN THE INTERSECTION OF CRAFTS, TECHNOLOGY AND ACADEMIA FOR SUSTAINABLE JOB AND SKILLS DEVELOPMENT IN THE 21TH CENTURY <i>L. Angeli, M. Stoycheva, F. Fiore, A. Montresor, M. Marchese</i>	7374
IMPACT OF THE "COMUNICAT" METHODOLOGY ON THE IMPROVEMENT OF THE "EFFECTIVE ORAL COMMUNICATION" STUDENT OUTCOME OF THE STUDENTS OF THE MASTER IN FOOD SAFETY AND QUALITY MANAGEMENT <i>E. Pérez-Esteve, J.A. Silvestre-Cerdà, M.C. Bas, M.J. Lerma-García, N. Matarredona-Desantes, R. Oltra-Badenes</i>	7379
FLIPPED LEARNING IN HIGHER EDUCATION: A CASE STUDY <i>J. Palací, D. Palací-López, M.I. López Rodríguez</i>	7384
USE OF ELECTRONIC VOTING SYSTEMS VERSUS VIDEO: PERCEPTION OF PUPILS ACCORDING TO PROFILES <i>M.I. López Rodríguez, D. Palací-López, J. Palací</i>	7392

SATISFACTION ANALYSIS OF “FOOD SAFETY AND QUALITY MANAGEMENT” MASTER DEGREE’S STUDENTS WITH THE “COMUNICAT” METHODOLOGY FOR THE ENHANCEMENT OF THE “EFFECTIVE ORAL COMMUNICATION” STUDENT OUTCOME	7401
<i>R. Oltra-Badenes, É. Pérez-Esteve, J.A. Silvestre-Cerdà, M.C. Bas, M.J. Lerma-García, N. Matarredona-Desantes</i>	
CREATIVITY FEATURES IN LINGUISTICS STUDENTS WITH DIFFERENT LEVEL OF SECOND LANGUAGE ACQUISITION	7407
<i>I. Novikova, N. Berisha, A. Novikov, D. Shlyakhhta</i>	
USING OPEN EDUCATION VIDEO TO SUPPORT BUILDING CULTURAL AWARENESS IN THE ESL CLASSROOM AT UNIVERSITY LEVEL	7415
<i>E. Antonova</i>	
VIDEO KILLED THE...THE DEVELOPMENT OF VIDEO-BASED CASE STUDIES FOR MORE PATIENT-CENTRED, AUTHENTIC ASSESSMENT OF POSTGRADUATE PHARMACY STUDENTS	7419
<i>M. Flood, B. Ryan, A. Conroy, J. Strawbridge</i>	
STUDY OF THE ALGEBRAIC THINKING IN STUDENTS OF THE 2ND YEAR OF THE PORTUGUESE PRIMARY SCHOOL THROUGH REPETITION PATTERNS INVOLVING THE DENSITY OF LIQUIDS	7420
<i>P. Afonso, D. Alveirinho, J. Carrilho, N. Santos</i>	
E-ASSESSMENT: TOOLS AND POSSIBILITIES FOR ELECTRONIC ASSESSMENT IN HIGHER EDUCATION	7431
<i>P. Miranda, P. Isaias, S. Pifano</i>	
METHODS AND RESULTS OF TRAINING ECONOMICALLY TECHNICAL DRIVING IN MEXICO	7439
<i>F.J. Garcia-Osorio, A. Maldonado-Susano, N. Dominguez-Vergara</i>	
EVOLUTION OF THE GENERAL QUALITY PERCEIVED BY STUDENTS OF THE OCCUPATIONAL RISK PREVENTION MASTER OF MIGUEL HERNANDEZ UNIVERSITY (2015-2018)	7449
<i>A. Cardona-Llorens, D. Marhuenda-Amorós, L. Pitaluga-Poveda, M.J. Prieto-Castelló</i>	
PRACTICAL EXAMPLES OF ACTIVATING SPEAKING SKILLS DEVELOPED FOR ADVANCED UNIVERSITY STUDENTS	7453
<i>S. Filipczuk-Rosińska</i>	
CLASSIFICATION SYSTEM FOR PREDICTING STUDENT FINAL GRADE IN AN INFORMATION SECURITY COURSE	7460
<i>O. Batarfi</i>	
RAISING AWARENESS ABOUT INHERENT RESPONSIBILITY TO STRUCTURAL DESIGN THROUGH MULTIMEDIA ANALYSIS OF STRUCTURAL COLLAPSE	7465
<i>D. Carazo-Álvarez, J.I. Jiménez-González, R. Carpena-Morales, J.D. Carazo-Álvarez</i>	
DESIGN FOR INCLUSION IN A LINGUISTICALLY AND CULTURALLY DIVERSE EUROPE: CHALLENGES IN THE DEVELOPMENT OF A VIRTUAL LEARNING ENVIRONMENT	7472
<i>A. Mangiatori, G. Pastori, V. Pagani, A.S. Sarcinelli, L. Menegola</i>	
LEARNING MOTIVATION OF YOUNG ADULTS IN EAST AFRICA IN AN ANTHROPOLOGICAL VIEW	7482
<i>I. Tomory</i>	
SUCCEEDING AT MASTER'S LEVEL: USING FACEBOOK LIVE TO AID INTERNATIONAL STUDENTS’ ACADEMIC SKILLS DEVELOPMENT	7488
<i>W. Bailey, C. Reynolds, A. Szabo</i>	
DEVELOPING MENTAL MODELS THROUGH VISUALISATION TECHNIQUES: AN EXPERIMENTATION ON THE SOLAR SYSTEM IN PRIMARY SCHOOL	7497
<i>M. Carli, C. Marognolli, O. Pantano</i>	
TEACHING IN DIGITAL SOCIETIES AS A TOPIC OF AN ETHICALLY INFORMED MEDIA PEDAGOGY	7507
<i>M. Rath, M. Tannrath</i>	
THE ROLE OF TECHNOLOGY IN COMPETENCY-BASED TEACHING IN ENGINEERING CURRICULUM: AN EXPERIENCE IN BASIC SCIENCES	7512
<i>E. Gago, A. Tinnirello, P. Szekieta, L. D’Alessandro</i>	
C# CALCULATOR APPLICATION AS A TOOL TO LEARN OBJECT ORIENTED PROGRAMMING	7522
<i>E. Dumić, A. Bjelopera, S. Ružić</i>	

APPLIED MATHEMATICAL CONCEPTS THROUGH VISUALIZATION AND TECHNOLOGY TO ADDRESS COMPLEX GEOMETRIC STRUCTURES	7532
<i>E.A. Gago, A. Tinnirello, P. Szekieta, M. Romero</i>	
DEVELOPMENT OF PROCESSES OF SEMANTIC READING AMONG STUDENTS. PRACTICAL RESEARCH OF THE PSYCHOPHYSIOLOGICAL COMPONENT	7540
<i>A. Alekseeva, O. Lomtatidze, M. Smirnov</i>	
LANGUAGE LEARNING GAME APPLICATION: THE POTENTIALS FOR THE LANGUAGE CENTRE OF THE UNIVERSITY OF QUINTANA ROO, COZUMEL CAMPUS	7546
<i>D. Collí Novelo</i>	
THE USE OF KAHOOT! AS A GAMIFICATION TOOL TO ENHANCE STUDENT ENGAGEMENT, LEARNING, FEEDBACK AND ASSESSMENT: A CASE STUDY	7550
<i>H. Williams</i>	
EDUCATIONAL POVERTY AND ADOLESCENTS' LIFESTYLES IN USING INTERNET TECHNOLOGIES	7551
<i>G. Fulantelli, C. La Mattina, G. Tumminelli</i>	
TEACHING WRITING TO CHILDREN: PRODUCT AND PROCESS APPROACH, A DUAL METHOD	7560
<i>M. Abata, F. Cando, K. Toscano</i>	
PROTOTYPING SOCIAL PRACTICES IN THE MARTESANA DISTRICT: RESEARCH AND TEACHING EXPERIENCE THAT INVOLVE LOCAL COMMUNITIES	7567
<i>L. Galluzzo, C. Mastrantoni, A. Borin, J. Jiang</i>	
USING TECHNOLOGY FOR STUDENT ACADEMIC SUPPORT AT THE UNIVERSITY OF KWAZULU NATAL, SOUTH AFRICA	7575
<i>V. Paideya</i>	
PRIMARY SCHOOL TEACHERS PREPAREDNESS TO DEVELOP PUPILS' DIGITAL LITERACY IN TEACHING MATHEMATICS	7580
<i>D. Nocar, R. Dofková, K. Pastor, J. Laitochová</i>	
DEVELOPMENT OF PUPILS' DIGITAL LITERACY IN TEACHING MATHEMATICS	7585
<i>D. Nocar, R. Dofková, K. Bártek, T. Zdráhal</i>	
THE TYPES OF ERRORS IN THE SPEECH PRODUCTION OF PRESCHOOLERS ACQUIRING LATVIAN AS THE SECOND LANGUAGE IN AN INSTRUCTIONAL SETTING	7589
<i>I. Tomme-Jukēvica</i>	
FEASIBILITY IN USING DE-IDENTIFIED PATIENT DATA TO ENRICH ARTIFICIAL APPLICATIONS IN MEDICAL EDUCATION	7598
<i>G.K. Wijayarathna, N. Zary</i>	
DEVELOPMENT OF DIGITAL COMPETENCIES FOR PROFESSIONAL PERFORMANCE IN UNIVERSITY STUDENTS	7605
<i>J. Cortés, S. García, J. Ortega, A. Torres, M. Zamorán</i>	
ENGAGING STUDENTS IN THE K – 12 DIGITAL CLASSROOM	7610
<i>L. Carver, C. Todd</i>	
IS IT SAFE TO USE PEER ASSESSMENT OF INDIVIDUAL CONTRIBUTION LEVEL WHEN ASSESSING GROUP WORK?	7614
<i>M.P. Garcia-Souto</i>	
INVESTIGATING NEW POSSIBILITIES FOR THE TEACHING OF CHEMISTRY ADOPTING DIGITAL TECHNOLOGIES	7623
<i>A. Grunewald Nichele, K. Silva dos Santos Moraes, L. Zielinski do Canto</i>	
THE KEEPING IN SCHOOL SHAPE PROGRAM: HOW TO MAINTAIN SKILL PRACTICE OVER SCHOOL BREAKS	7632
<i>C. van de Sande, K. Lock</i>	
CYBERPSYCHOLOGY REVISITED: CRITICAL ISSUES THAT IMPACT MENTAL HEALTH AND EDUCATIONAL ATTAINMENT IN COMMUNITIES OF COLOR	7641
<i>R. Boss-Victoria, T. Jordan, A. Richardson, H. Aubrey, M. Johnson, E. Cameron, H. Swanson</i>	
EXPERIENCE IN THE USE OF A TOOL THAT IMPLEMENTS GAMIFICATION TECHNIQUES FOR TEACHING PROGRAMMING	7645
<i>M.A. Carreño-León, J.A. Sandoval-Bringas, F.J. Álvarez-Rodríguez</i>	
WORKSHOP MULTISENSORIAL DESIGN: A DIDACTIC PROPOSAL FOR SYNESTHETIC APPROACHES	7651
<i>C. Assis Peres Silva</i>	
THE SIMULATORS IN THE TEACHING OF PHARMACOLOGY	7662
<i>A.M. Vázquez, G. Fernández Saavedra</i>	

DEVELOPMENT OF RESEARCH COMPETENCES OF UNDERGRADUATE STUDENTS WITH CIT SUPPORT	7667
<i>M. Montero, J. Castro, N. Duarte</i>	
VERIFYING THE EFFECTIVENESS OF INTERVENTION IN PRE-SCHOOL CHILDREN AT RISK OF SPECIFIC LEARNING DISABILITIES	7673
<i>P. Bendová, A. Karmanská</i>	
GAMING THE SYSTEM: TEACHING SOCIOECONOMIC INEQUITY THROUGH ROLEPLAYING AND DISCUSSION USING AN EDUCATIONAL BOARD GAME	7681
<i>R. Harrison, S. Kumar</i>	
USE OF RECORDED LECTURES IN AN ANIMAL PHYSIOLOGY CLASS	7691
<i>K.M. Yam</i>	
POWERPOINT EFFECTS AS DIDACTIC MATERIAL FOR TEACHING VOCABULARY IN ENGLISH AS SECOND LANGUAGE FOR YOUNG LEARNERS	7697
<i>M.G. Arboleya Medina, P.J. Mayoral Valdivia</i>	
EFFECT OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE DEVELOPMENT OF READING AND WRITING SKILLS. EXPERIENCES IN BASIC AND SECONDARY EDUCATION IN COLOMBIA	7704
<i>S. Zabala-Vargas, J. Parra-Valencia, R. Lizcano-Reyes, J. Zabala-Vargas, A. Lizcano-Dallos</i>	
COLLABORATIVE LEARNING AND TECHNOLOGIES IN HIGHER EDUCATION. CHARACTERISTICS, ADVANTAGES AND DISADVANTAGES FOR ITS IMPLEMENTATION	7713
<i>A.R. Lizcano-Dallos, M. Vargas-Daza, J.W. Barbosa-Chacón</i>	
THE CURRICULAR HYBRIDIZATION. TEACHING ALTERNATIVES FOR DIGITAL ENVIRONMENTS	7720
<i>K. Ordóñez, A. Cabrera, A. Suing</i>	
THE INCORPORATION OF APPLICATIONS AND VIDEOS TO THE TEACHING OF STATISTICS IN POSTGRADUATE STUDIES	7730
<i>N. Aquino Llinares, M.B. Hernández Jiménez, M.P. Moreno Navarro, M.R. Rodríguez Griñolo, A.M. Sánchez Sánchez</i>	
EXPERIENCE ON USING OF MOBILE LEARNING FOR EFFECTIVE TEACHING FOREIGN LANGUAGES IN UNIVERSITY STUDIES	7736
<i>D. Akhmed-Zaki, Y. Alimzhanov, Y. Tolenbekov</i>	
A STUDY ON THE LEVELS OF INSTITUTIONALIZATION OF HIGHER EDUCATION INSTITUTIONS' RANKINGS IN UNIVERSITY STRATEGIC PLANS	7741
<i>J. Sarupiciute, G. Druteikiene</i>	
MAKING EDUCATION: EXPLORING DIGITAL FABRICATION POTENTIAL WITHIN FASHION DESIGN LEARNING PROCESS	7747
<i>C. Di Lodovico</i>	
DESIGNING BOARD-GAMES FOR DEVELOPING PRE-SERVICE PRIMARY SCHOOL TEACHERS' MENTAL CALCULATION SKILLS	7757
<i>I. Zsoldos-Marchis</i>	
TEACHING HOW TO READ 2D DRAWINGS USING VIRTUAL CONSTRUCTION	7766
<i>J. Kang, J. Yeon</i>	
THE USE OF DIGITAL AND MOBILE TECHNOLOGIES IN PRE-PRIMARY EDUCATION	7772
<i>L. Korenova, K. Kostolanyova, E. Gasparova, D. Liskova</i>	
DIGITAL ENHANCEMENT OF STUDENT-CENTRED LEARNING IN UNIVERSITIES	7780
<i>D. Akhmed-Zaki, Y. Alimzhanov, N. Mussabayev</i>	
A WORKFLOW MANAGEMENT TOOL TO SUPPORT THE DEVELOPMENT OF OPEN LEARNING ANALYTICS APPLICATIONS	7787
<i>F. Ammirata, G. Fulantelli, C. La Mattina, D. Taibi</i>	
LEARN ABOUT MASONRY ARCHES COLLAPSE WITH MODELS	7794
<i>J. Antuña, A. Aznar, J.I. Hernando, F. Magdalena</i>	
IDEAS AND TEACHING STRATEGIES TO SOW SEEDS OF KNOWLEDGE, TO CULTIVATE IMAGINATION, AND BRING OUT STUDENTS SKILLS	7801
<i>R. del Gaudio</i>	
DOCENDO DISCIMUS: THREE GENERATIONS OF STUDENTS AS PROMOTERS OF SCIENCE DISSEMINATION SHARE THEIR DEEP-ROOTED PASSION FOR BIOLOGY	7802
<i>R. del Gaudio</i>	
EDUCATIONAL PECULIARITIES OF A RESEARCH SEMINAR: GROUP WORK WITH SOUND ANALYSIS SOFTWARE	7808
<i>E. Budnik, E. Osipovskaya, V. Zarytovskaya</i>	

MINIMUM PEDAGOGICAL EDUCATION FOR UNIVERSITY TEACHERS <i>I. Vlkova</i>	7813
A CLOUD-BASED ARCHITECTURE FOR A REGIONAL TRANS UNIVERSITY LEARNING MANAGEMENT SYSTEM COLLABORATION ON DIGITAL CONTENT DELIVERY ACROSS SOUTHERN AFRICA <i>N.B.W. Mlitwa (Mlita), M. Simbarashe</i>	7819
TOWARDS A PROJECT-BASED LEARNING (PBL) APPROACH TO TECHNICAL SUBJECTS IN THE UNDERGRADUATE ELECTRICAL ENGINEERING CURRICULA AT THE RICHARDS BAY CAMPUS, UNIVERSITY OF ZULULAND, KZN-RSA <i>N.B.W. Mlitwa (Mlita)</i>	7828
HYDROGEOCHEMICAL MODELING OF CONTAMINATED SOILS USING PHREEQC <i>J.M. Paz-Garcia, R.M. Sanchez-Varo, P.D. Franco-Caballero, J.J. Fernandez-Valenzuela, M. Villen-Guzman</i>	7836
GHANA'S FREE SENIOR HIGH SCHOOL POLICY: EVIDENCE AND INSIGHT FROM DATA <i>E. Tamanja, E. Pajibo</i>	7837
MODEL DESIGN STUDY WITH THREE DIMENSIONAL MODELING IN FINE ARTS EDUCATION <i>A. Gumulcine, N. Coskun</i>	7847
EFFECTIVENESS OF MOBILE LEARNING APPLICATIONS - AN EYE-TRACKING CASE STUDY <i>R.G. Chivu, I.C. Popa, G. Orzan, D.A. Stoica</i>	7851
CYBER SECURITY EMPLOYMENT POLICY AND WORKPLACE DEMAND IN THE U.S. GOVERNMENT <i>D. Anderson, K. Reimers</i>	7858
KNOWLEDGE MANAGEMENT INITIATIVES: A METHODOLOGY FOR THE IMPLEMENTATION OF A KNOWLEDGE ACADEMY <i>A.C. Almeida, L. Teixeira, M. Oliveira</i>	7867
CREATING COLLABORATIVE VIRTUAL REALITY SCENARIOS TO DEVELOP DIGITAL SKILLS <i>M. Frydenberg, D. Andone</i>	7876
ASSESSMENT OF SATISFACTION OF THE STUDENTS OF THE SCHOOL OF DENTISTRY AFTER GRADUATION <i>L. Roesch, F. Moreno, M. Mantilla, A.L. Mora, F. Roesch, A. Zapién, G. Capetillo, L. Tiburcio, S. Flores, T. Méndez</i>	7877
ASSESSMENT OF THE VIEWS OF THE PARENTS OF SECONDARY SCHOOL STUDENTS, REGARDING THE VISUAL ARTS COURSE, ON A SOCIOECONOMIC AND SOCIO-CULTURAL BASIS <i>B. Sirin, A. Kiratli</i>	7884
ERGOSIGN - NOVEL LEARNING APPROACH FOR ERGONOMIC PRINCIPLES FOR DESIGNERS WORKING IN THE UPHOLSTERY AND SLEEP SECTORS BY VIRTUAL REALITY <i>J. Garrido, C. González, F. Melero, M. Silvestre</i>	7888
ELECTROTECHNICAL KITS AS ILLUSTRATIVE TRAINING AIDS IN UNDERGRADUATE ENGINEERING EDUCATION <i>C. Serafin</i>	7889
GAMES FOR LEARNING ALGORITHMIC THINKING (GLAT) PROJECT: PERCEIVED FACTORS ACCOUNTING FOR TEACHER ACCEPTANCE AND USAGE OF A NEW LEARNING SCENARIOS DESIGN TOOL – THE LEPLANNER <i>J.S. Quaicoe, M. Laanpere, K. Pata, N. Hoić-Božić, R. Rõbtšenkov</i>	7898
A NEW GAME-BASED APPROACH FOR THE CREATIVE LEARNING OF PROGRAMMING IN THE DIGITAL MEDIA AREA <i>A. Coelho, L. Reis, J. Monteiro</i>	7907
MAKING PHILOSOPHICAL EDUCATION POPULAR IN THE GLOBAL SOUTH: EXAMINING BEL ARABI FALSAFA'S MODEL IN EGYPT <i>Y. Hamouda</i>	7918
MOTIVATION FOR TEACHING: HYPOTHESIS FOR MODELING IN INCOMING TRAINING <i>M.G. Simone</i>	7924
SCIENTIFIC KNOWLEDGE AND TECHNOLOGICAL KNOWLEDGE: IDENTIFICATION OF RELATIONS BASED ON PEDAGOGICAL ACTIVITIES WITH EDUCATIONAL ROBOTICS <i>A.G. Schaeffer, J.A. Peres Angotti</i>	7928

INTERPRETING DECOLONIZED EDUCATION STITCH BY STITCH	7937
<i>A. Vlok</i>	
THE TUTORING SYSTEM AND THE GRADUATION EFFICIENCY OF THE STUDENTS FROM THE ADMINISTRATION SCHOOL OF THE UNIVERSIDAD VERACRUZANA	7942
<i>S. Flores Aguilar, G. Capetillo, L. Tiburcio, E. Torres, M. Mantilla, L. Roesch, H. Zizumbo</i>	
FLIPPED E-LEARNING SCENARIO FOR TEACHING MOBILE DEVELOPMENT	7948
<i>A. Scerbakov, F. Kappe, N. Scerbakov, A. Schukin</i>	
SATISFACTION OF TEACHERS OF THE ON LINE OCCUPATIONAL RISK PREVENTION MASTER OF MIGUEL HERNANDEZ UNIVERSITY. COMPARATIVE BETWEEN 2015/2016 AND 2017/2018	7954
<i>A. Cardona-Llorens, D. Marhuenda-Amorós, L. Pitaluga-Poveda, M.J. Prieto-Castelló</i>	
ACTIVE METHODOLOGY IN THE DIDACTIC TRAINING OF MASTERS AND DOCTORS: A DIFFERENTIATED PRACTICE FOR THE DEVELOPMENT OF TRANSVERSAL COMPETENCES	7958
<i>M.A. Motta Barreto, E.J. Candido Moraes, D.S. Giordani</i>	
INTELLIGENT CURRICULUM ASSISTANT	7964
<i>A. Scerbakov, F. Kappe, N. Scerbakov, V. Pack</i>	
BENEFITS IN CONDUCTING A PUBLIC OUTREACH PROGRAM FOR SPARKING STEM INTEREST IN FEMALE STUDENTS	7968
<i>N.M.F. Oliveira, M.M. Silva, L.R. Santos, R.C. Piani, C.A. Martins, L.K. Teles, J.M. Bezerra</i>	
OPEN EDUCATIONAL RESOURCES – A MARKETING PERSPECTIVE	7975
<i>M. Karapanos, A. Schneider, T. Wendeborn</i>	
SUPPORTING THESIS COURSES WITH THE USE OF IT PLATFORMS. THE CASE OF MCSU BUSINESS STUDENTS	7980
<i>E. Wiechetek</i>	
SECOND YEAR BACCALAUREATE "CHEMISTRY" TEACHERS IN TWELVE EDUCATIONAL CENTERS OF BIZKAIA	7990
<i>A. Ortuzar, M. Elizalde, M. Campos</i>	
AN APPLICATION TO AUTOMATE THE CONFIGURATION MANAGEMENT AND ASSESSMENT OF PRACTICALLY BASED LEARNING OUTCOMES IN COMPUTER NETWORKING	7995
<i>N. Palmer, W. Earle, J. Batola, B. Almond</i>	
COMPARISON OF TOOLS TO EVALUATE THE QUALITY OF UNIVERSITY TEACHING	8003
<i>A.M. Barbancho, I. Barbancho, L.J. Tardón, A. Peinado, J. Munilla, A. Ortiz, F.J. Mata</i>	
THE IMPACT OF GDPR IN THE HIGHER EDUCATION - THE CASE OF THE 1ST CYCLE OF STUDIES IN LAW	8011
<i>M. Sousa, N. Bessa Vilela</i>	
THE PEER MENTORING TUTORIAL SYSTEM IN THE ORIENTATION STUDENT PROCESS AT HIGHER EDUCATION	8015
<i>C. Calvo-Jurado</i>	
EXELEARNING INTERACTIVE RESOURCES IN LEARNING INTEGRATION APPLICATIONS IN ENGINEERING	8020
<i>C. Calvo-Jurado</i>	
PRINCIPAL SUPPORT, PROFESSIONAL LEARNING COMMUNITY, AND TEACHER EXPECTATIONS	8029
<i>J.H. Park, S. Byun</i>	
DESIGN OF LEARNING AND TEACHING SPACE FOR PROFESSIONAL GRADUATE DEGREE PROGRAM USING USER EXPERIENCE DESIGN	8030
<i>A. Salmenbayeva, A. Aimbetova, G. Seksenbayeva, A. Turkjilmaz, Z. Pastuszak</i>	
EDUCATORS AND ACADEMICS IN SPECIALIZED SOCIAL NETWORKS. COMPARISON OF GOOGLE SCHOLAR AND RESEARCHGATE USAGE BY BUSINESS RESEARCHERS OF MCSU	8039
<i>E. Wiechetek</i>	
THE MANIFESTATION OF TEACHING AND LEARNING ASSESSMENT IN THE STRATEGIC DOCUMENTS OF SECONDARY SCHOOLS	8052
<i>A. Kazlauskienė, R. Gaucaite</i>	
COMPETENCY-BASED EDUCATION: AN ONLINE SCIENCE METHODS COURSE GROUNDED IN VARIATION THEORY OF LEARNING	8059
<i>J. Ebenezer</i>	
GENIUS UP! AN EDUCATIONAL EXPERIENCE THROUGH SERIOUS VIDEO GAMES FOR THE LEARNING OF SCIENCE IN A LUDIC WAY	8066
<i>F.J. Perales, F. Negre, L. Riera</i>	

PREPARING STUDENTS OF TECHNICAL UNIVERSITIES FOR PUBLIC SPEAKING <i>S.R. Stan, D. Ficior, L. Holonec, H.D. Vlasin, V. Simonca</i>	8075
THE IMPACT OF MOTIVATION AND ATTITUDES ON FOREIGN LANGUAGE PROFICIENCY <i>M. Cocca, A. Cocca</i>	8079
STUDY OF PRACTICE OF UNIVERSITY – ENTERPRISE COOPERATION (BASED ON TECHNOLOGICAL FACULTIES OF THE REGIONAL UNIVERSITIES OF GEORGIA) <i>L. Davitadze</i>	8080
INTERVENTION PROJECT IN THE CLASSROOMS OF THE FACULTY OF LAW IN ORDER TO GUARANTEE THE ACQUISITION OF LEGAL BASIC COMPETENCES: THE FINAL DEGREE PROJECT AS AN EXCUSE AND INSTRUMENT <i>I. Ordeñana Gezuraga, I. Suberbiola Garbizu</i>	8089
IMPROVING PROGRAMMING LEARNING WITH AUGMENTED REALITY AND GAMIFICATION <i>H. Cwierz, F. Díaz-Barrancas, P.J. Pardo, J.I. Guisado, C. Ruiz-Palma</i>	8098
WORK WITH QUALITY FOR A QUALITY WORK IN HIGHER EDUCATION: ACADEMICS’ PERCEPTIONS <i>D. Dias</i>	8102
CHILDREN OF REFUGEES IN EDUCATION (CORE): A MASSIVE OPEN ONLINE COURSE (MOOC) PROVIDING ACCESS TO OER MATERIALS TO STRENGTHEN TRANSVERSAL SKILLS OF ADOLESCENT LEARNERS <i>G. Turkawka, W. Weidinger, S. Boulos</i>	8108
HARNESSING VIRTUAL PLATFORMS TO PRIORITISE ORAL COMPETENCIES IN THE LANGUAGE LEARNING PROCESS <i>U. Carthy</i>	8109
CLARIFYING THE EFFECTS OF DIGITALIZATION ON (HIGHER) EDUCATION <i>Y. Sedelmaier, D. Landes</i>	8114
LEARNING SEQUENCE FOR THE FORCE CONCEPT AND ITS REPRESENTATION <i>Y. Benítez, B. Arriaga, J.A. Medina</i>	8122
AWARENESS OF THE PROGRAMMING LANGUAGE PYTHON AMONG COMPUTER SCIENCE AND ELECTRONIC ENGINEERING STUDENTS FROM A PERUVIAN UNIVERSITY <i>C. Sotomayor-Beltran</i>	8129
INVESTIGATING THE INTEGRATION OF IPAD AMONG MATHEMATICS TEACHERS IN A SECONDARY SCHOOL IN SAUDI ARABIA BASED ON TPACK MODEL <i>B. Aldossry, V. Lally</i>	8133
MAKER EDUCATION AND 3D PRINTER TO ENHANCE LOGICAL AND ABSTRACTION SKILLS <i>R. Capone, A. Esposito, M.G. Adesso, F.S. Tortoriello</i>	8139
A RUBRIC PROPOSAL TO EVALUATE SCIENTIFIC REPORTS IN THE SOCIAL WORK DEGREE <i>S. Martínez-Molina</i>	8145
THE 'GLOBAL CLASSROOM': SUPPORTED DISTANCE LEARNING LESSONS FOR INTERCULTURAL LEARNING <i>L. Silva de Mattos, A. Marunchak, R. Ragoonath, J. Bernard, K. Malik, S. Manzoor, I. Lau, D. Catur</i>	8149
DIVERSITY, INCLUSION, AND EDUCATION: CHALLENGES IN PERSPECTIVE <i>M. Carvalho, H. Azevedo, C. Vale, H. Fonseca</i>	8157
LEADERSHIP FOR INCLUSION: PERSPECTIVES FROM PORTUGUESE SCHOOL PRINCIPALS <i>M. Carvalho, H. Azevedo, C. Vale</i>	8163
INVESTIGATING THE RELATIONSHIP BETWEEN STUDENTS’ ENGAGEMENT AND SOCIAL NETWORKS <i>R. Faizi</i>	8168
QUALITY ASSURANCE OF DOCTORAL EDUCATION IN PORTUGAL: A RETROSPECTIVE OF THE FIRST ACCREDITATION CYCLE <i>V.L. Miguéis, S. Cardoso, M.J. Rosa, J. Sarsfield Cabral</i>	8173
AN INVESTIGATION OF UNIVERSITY STUDENTS’ PERCEPTIONS AND ACCEPTANCE OF MOBILE TECHNOLOGY USE IN LEARNING ENGLISH AS A SECOND LANGUAGE IN CHINA <i>Y. Luo</i>	8182
MOBILE APPLICATIONS AS A MODERN MEANS OF LEARNING ENGLISH <i>G. Ismagilova, N. Sigacheva, K. Makayev</i>	8192

USING SEMINARS FOR COMPARING ATTITUDES AND PERFORMANCE IN TRANSVERSAL SKILLS IN STUDENTS ACROSS EDUCATIVE LEVELS: SECONDARY AND HIGHER EDUCATION <i>F. Martínez-Pastor, R. Pérez-Romero</i>	8197
ASPECTS OF COGNITIVE APPROACH IN TEACHING PROFESSIONAL ENGLISH FOR UNIVERSITY STUDENTS MAJORING IN ECONOMICS <i>N. Nurieva, K. Inozemtseva</i>	8198
THE NEW LEARNING TECHNOLOGIES IN A HIGHER EDUCATION INSTITUTION AS AN ECOSYSTEM <i>G. Nahas</i>	8204
A "COMPETENCE ATLAS" AS AN INSTRUMENT IN SOFTWARE ENGINEERING EDUCATION <i>L. Henschel, K. Schulz</i>	8213
PILOT EXPERIENCE FOR THE CREATION OF A FOOD INNOVATION COMPETITION. SALINA INNOVA <i>M.C. González, A. Morata, M.J. Callejo, W. Tesfaye, F. Palomero, I. Loira, C. Lopez, J.L. Bravo</i>	8223
EMOTIONAL AND ACADEMIC BURNOUT OF STUDENTS COMBINING EDUCATION AND WORK <i>O. Koropets, A. Fedorova, I. Kacane</i>	8227
NETWORK FUNCTION VIRTUALIZATION AS A PART OF MODULAR VIRTUALIZED INFRASTRUCTURE IN LAB ENVIRONMENT <i>V. Šac, L. Havaš, D. Srpak, E. Tomičić</i>	8233
EFFECTIVE AND AFFECTIVE VOCABULARY LEARNING THROUGH GAMES <i>H. Suchankova</i>	8241
GENDER DIFFERENCE IN PERCEIVING ALGORITHMIC THINKING IN AN INTRODUCTORY PROGRAMMING COURSE <i>S. Iqbal Malik, R. Mathew, R. Moufaq Tawafak, I. Khan</i>	8246
WORKERS AND POSTGRADUATE STUDENT PERCEPTIONS OF EMPLOYABILITY <i>P. González-Navarro, R. Zurriaga-Llorens, L.I. Llinares-Insa</i>	8255
MOTIVATION AND ACTIVE JOB SEARCH BEHAVIOR IN YOUNG PEOPLE: GENDER DIFFERENCES <i>L.I. Llinares-Insa, P. González-Navarro, R. Zurriaga-Llórens</i>	8260
COMPETITION BASED LEARNING APPLIED IN COMPUTER SCIENCE TEACHING: ALTERNATIVE OR COMPLEMENTARY? <i>Z. Itahriouan, N. El Bahri, S. Brahim Behaouari, T. Hajji</i>	8267
TOWARDS REFLECTION AND ACTION ON THE DEVELOPMENT OF A HYBRID LEARNING MODEL TO PROMOTE THE ADOPTION OF MOBILE DEVICES IN SCHOOLS <i>S. Achahod</i>	8274
TEACHING SUSTAINABILITY – AN APPROACH TO VALUE-INTEGRATIVE HIGHER EDUCATION IN CORRESPONDENCE WITH THE UN'S SUSTAINABILITY GOALS <i>S. Krause-Steger, M. Roski</i>	8280
THREE-DIMENSIONAL COLLABORATIVE VIRTUAL ENVIRONMENTS FOR SUPPORTING B-LEARNING <i>R.M. Reis</i>	8288
THE PORTA MOBILE APPLICATION TO DEVELOP FUNCTIONAL AND SCIENTIFIC SCHOOL LITERACY WITH CRITERIA OF ACCESSIBILITY AND AFFECTIVITY <i>M. Rivera Lam</i>	8294
DESIGNING OF AUGMENTED REALITY TEACHING-LEARNING SEQUENCES TO PROMOTE THE ACCESSIBILITY AND VIZUALIZATION OF COMPLEX CONTENTS IN CHEMISTRY <i>C. Merino Rubilar</i>	8299
AUGMENTED REALITY AS TOOL TO CREATE LEARNING RESOURCES THAT SUPPORT NON-CLASSROOM WORK OF PHYSIOTHERAPY STUDENTS PRIOR TO PRACTICAL EXAMS <i>N. Romero-Franco, M.T. Arbós-Berenguer, E. Bosh-Donate, J.C. Fernández-Domínguez, I. Salinas-Bueno</i>	8304
ANALYSIS OF ACCESSIBILITY REQUIREMENTS FOR VIDEO PLAYERS ON E-LEARNING <i>T. Acosta, J. Zambrano-Miranda, S. Luján-Mora</i>	8310

THE REALIZATION OF BLENDED LEARNING IN HIGHER EDUCATION IN THE CURRENT SOUTH AFRICA <i>A. Vlok</i>	8320
ANALYSIS OF THE ACCESSIBILITY OF EDUCATIONAL VIDEOS IN MASSIVE OPEN ONLINE COURSES <i>T. Acosta, J. Zambrano-Miranda, S. Luján-Mora</i>	8321
INNOVATIVE TRANSCRIBING FOR BLENDED EDUCATION: EXPLORING VOICE INTELLECT FOR HIGHER EDUCATION DELIVERY <i>S. Sukunesan</i>	8332
STUDENTS' CRITICAL THINKING SKILLS IMPROVEMENT VIA ALGORITHMIC PROBLEMS SOLVING <i>G. Atanasova</i>	8333
ROLE GAMES IN UNIVERSITY TEACHING AS AN INCLUSIVE METHODOLOGY <i>P. Aparicio Martínez, G. Guzmán Díaz, A.J. Perea Moreno, G. Pedrós Pérez, M.P. Martínez Jiménez, M. Vaquero Abellán</i>	8341
PREPARING FOR EARTHQUAKES IN COASTAL TOURISM DESTINATIONS: THE CASE OF "TELEMACHUS" PROJECT <i>A. Kourou, M. Panoutsopoulou</i>	8346
A GOOD APPLICATION OF ELEARNING IN HIGHER EDUCATION WITH EXAMPLES FROM SYSTEM CONTROL ENGINEERING <i>E. Pop, G. Ilcea, L. Bogdanffy</i>	8356
DESIGN AND CREATION OF EVALUATION RUBRICS FROM GOOGLE APPS (WITH CORUBRICS): SELF-ASSESSMENT, CO-EVALUATION AND TEACHER ASSESSMENT IN HIGHER EDUCATION <i>M.A. Prats, J. Simón, E.S. Ojando, N. Carrasco</i>	8364
THE PROBLEMATIC OF ENTRY IN PRACTICE FROM THE POINT OF VIEW OF STARTING AND STATE TEACHERS <i>E. Smelova, R. Svanhalova, K. Vankova</i>	8372
MAXIMIZE THE LEARNING SUCCESS IN IT-SECURITY <i>M. Fruhmann, K. Gebeshuber</i>	8379
APPROACHES TO THE INDUCTION OF E-LEARNING STUDENTS: LAYING THE PEDAGOGIC FOUNDATIONS FOR SUCCESSFUL RELATIONAL E-LEARNING <i>H. Partington, J. Duckworth, D. Gurbutt</i>	8386
CITIZENS EDUCATION THROUGH PARTICIPATORY RESEARCH LEARNING: A KAUNAS PILOT STUDY <i>R. Grazuleviciene, S. Andrusaityte, A. Dedele</i>	8391
A MULTIPHASE MIXED METHOD APPROACH TO ASSESS INTERNATIONALISATION OF HIGHER EDUCATION POLICIES <i>L. Steynberg, J.P. Grundling, B. Liu, Y. Li</i>	8397
EFFECT OF NEW INFORMATION AND COMMUNICATION TECHNOLOGIES AS A TEACHING-LEARNING APPROACH ON STUDENT ATTENDANCE <i>I. Usach, A. Nácher, J.E. Peris, R. Taléns-Visconti</i>	8407
PEDAGOGY OF MEMORY AND MENTAL TIME TRAVEL IN OLDER PERSONS <i>M.C. Del Mastro, M.R. De Simone, P. Vittoria</i>	8412
DEVELOPING BUSINESS ENGLISH COMMUNICATION SKILLS AND INTERCULTURAL COMPETENCE: A STUDENT-CENTRED APPROACH <i>A. Simões, S. Ribeiro, A.R. Caloão</i>	8417
TUTORING PROGRAM IN HIGHER EDUCATION: FEEDBACK FROM STUDENTS <i>P. Catarino, A.P. Aires</i>	8426
TRANSMEDIA STORYTELLING AS COLLABORATIVE ENVIRONMENT AND AUTONOMOUS IN HIGHER EDUCATION <i>S. Sánchez-Castillo, M.R. Mora-Llabata</i>	8436
DEVELOPMENT OF HYBRID LABORATORIES OF INDUSTRIAL SYSTEMS FOR INTERACTIVE LEARNING OF AUTOMATION AND CONTROL <i>A. Torres, C. Jara, B. Seguí, G. García, J. Pomares</i>	8442
INCREASING ENGAGEMENT, ENHANCING COURSE KNOWLEDGE, AND FOSTERING STUDENT SUCCESS WITH VOLUNTEERISM <i>M. Rippy</i>	8447
THE PARADOX OF ALGEBRAIC MEANING IN MATHEMATICS EDUCATION <i>J. O'Keefe</i>	8448

INVESTIGATING EFFECTIVENESS OF COLLABORATIVE LEARNING ACTIVITIES IN A COMPUTING COURSE <i>J.M. Bezerra</i>	8453
INCLUSIVE PHYSICAL EDUCATION: AN ANALYSIS OF THE PUBLIC SCHOOLS NETWORK IN A BRAZILIAN MUNICIPALITY <i>A.M. Lima, G. Aparício</i>	8460
TECHNOLOGY RESOURCES FOR SOCIAL AND PSYCHOLOGICAL ASSESSMENT IN CHILDHOOD: EXPLORATORY STUDY OF "GPS4SUCCESS" APP FOR USE IN SCHOOL SETTINGS <i>R. Barroso, D. Dias, D. Soares</i>	8461
EARLY IDENTIFICATION OF STUDENTS AT RISK OF SUCCESS/FAILURE IN PRIMARY EDUCATION: NEEDS, CHALLENGES AND GOALS OF A LONGITUDINAL ASSESSMENT <i>D. Dias, D. Soares, R. Barroso</i>	8469
AN APPROACH TO UNIVERSITY SOCIAL RESPONSIBILITY AS FORERUNNER OF STUDENTS' SATISFACTION <i>G. Santos, D. Dias, E. Justino, C. Marques</i>	8477
THE GAP BETWEEN REAL AND DESIRED STUDENTS: INSTITUTIONAL STRATEGIES TO MANAGE HETEROGENEITY IN AN ENGINEERING SCHOOL <i>D. Dias, M. Sá, E. Justino</i>	8486
RADICAL UNIVERSITY ARRANGEMENTS TO CREATE ENTREPRENEURIAL UNIVERSITY <i>B. Furht, R. Williams, O. Marques</i>	8494
PUBLIC-PRIVATE HIGHER EDUCATION INSTITUTION CHOICE: QUALITY OR CONVENIENCE? <i>C. Sá, D. Dias</i>	8502
THE IMPACT OF SOCIAL AND EMOTIONAL DISCOURSE ON THE SHARED KNOWLEDGE CONSTRUCTION <i>J.C. Castellanos-Ramírez, S. Niño</i>	8511
TRANSITION TO HIGHER EDUCATION AS A LIFE UPGRADE <i>D. Dias, M. Sá, S. Gomes</i>	8518
THE IMPACT OF MUSIC-BASED LEARNING ON STUDENT ACHIEVEMENT <i>M. Šerić</i>	8525
INTRODUCING TECHNOLOGIES IN THE AREA OF HIGHER EDUCATION WITH PURPOSE AND MEANING <i>C. Frank, E. Del Valle, A. Frank</i>	8530
THE DEVELOPMENT OF VR EXPEDITIONS FOR PRIMARY SCHOOL LEARNING <i>J. Walsh, F. Boyle, P. Moriarty, A. Locke, D. McMahon, S. Katamreddy, D. Riordan</i>	8535
INNOVATION OF LEARNING AND DEVELOPMENT FOR THE AGRITECH SECTOR USING GOOGLE TOUR CREATOR <i>F. Boyle, J. Walsh, P. Moriarty, A. Locke, D. McMahon, S. Katamreddy, M. O' Grady, N. Trant, D. Riordan</i>	8541
EDUCATIONAL POTENTIAL OF SOURCES OF PERSONAL ORIGIN FOR THE STUDY OF MODERN HISTORY <i>D. Maslov</i>	8547
EFFECTIVENESS ASSESSMENT OF ONLINE COURSES FOR FOREIGN LANGUAGE LEARNING IN THE RUSSIAN CONTEXT USING SWOT-ANALYSIS AND HOFSTEDE'S MODEL <i>A. Makhmutova</i>	8552
HOW DOES FEEDBACK CONTRIBUTE TO STUDENT LEARNING? MASTER'S DEGREE STUDENTS' PERCEPTIONS OF THEIR COMPETENCY DEVELOPMENT <i>M. Fernández-Ferrer, A. Espasa</i>	8561
EXPERT EVALUATION OF TRAINING INTERCULTURAL MEDIATORS IN THE SPHERE OF EDUCATION: SIBERIAN PERSPECTIVE <i>O. Smolyaninova, V. Kolmakov</i>	8568
QUALITATIVE ANALYSIS OF STICKY FLOORS AND GLASS CEILINGS IN ACADEMIA <i>A.R. Dobeles, L. Farrell, A. Misra</i>	8575
SIGNIFICANCE OF TEACHER EDUCATION IN THE FIELD OF OCCUPATIONAL HEALTH AND SAFETY <i>I. Tureková, J. Depěšová</i>	8576

E-LEARNING: EDUCATION REGARDING CHEMICAL COMPOUNDS IN WASTE <i>M. Feszterová</i>	8585
VIRTUAL REALITY APPLICATION IN PROBLEM-BASED LEARNING EXPERIENCE: PROBLEMS AND FINDINGS <i>O. Shvetsova</i>	8594
HOW TO COMBINE FLIP-LEARNING AND PROBLEM-BASED LEARNING APPROACHES IN ONE CLASS: SIGNIFICANT TOOLS AND METHODS <i>O. Shvetsova</i>	8602
PROGRAMMING CONTESTS FOR STUDENTS AND A TRAINING SYSTEM PROJECT <i>G. Atanasova, P. Hristova</i>	8609
EVALUATION OF THE CURRENT LEARNING SITUATION OF UNIVERSITY STUDENTS WITH VISUAL AND HEARING SPECIAL NEEDS <i>I. López-Áliaga, J. Diaz-Castro, M. Garcia-Burgos, M. Alférez, J.J. Ochoa, J. Moreno-Fernandez</i>	8614
ELABORATION OF TEACHING MATERIAL FOR STUDENTS WITH SPECIAL NEEDS <i>J. Moreno-Fernandez, I. López-Aliaga, J.J. Ochoa, M. Alférez, M. Garcia-Burgos, J. Diaz-Castro</i>	8620
TEACHERS' PERCEPTION OF LEARNING SPACES <i>M. López, G. Bautista, A. Escofet</i>	8624
COLLABORATIVE PROJECT-BASED LEARNING: AN EXPERIENCE <i>V. González-Ruiz, G. Ortega, G.E. Garzón, N. Calvo-Cruz, J. Redondo, J. Salmerón, L. Casado, P. Ortigosa, C. Medina-López, J.J. Moreno, M. Ruiz-Ferrández, F.J. Orts, S. Puertas, T. Santamaría-López</i>	8631
TRANSFORMING WORRYING TO PRODUCTIVE RISK-TAKING: IMPLEMENTING ICT-CULTIVATED LEARNING (ICTC) IN INDONESIAN TEFL CLASSROOMS <i>D. Suherdi</i>	8636
WEAVING PEARLS INTO NECKLACES: THE SIGNIFICANCE OF CONSTRUCTIVE ALIGNMENT IN EDUCATION QUALITY MANAGEMENT SYSTEMS <i>D. Suherdi</i>	8641
SCIENTIFIC POSTERS TO PROMOTE COLLABORATIVE AND BILINGUAL LEARNING <i>A.J. Perea Moreno, P. Aparicio Martínez, M.J. Aguilera Ureña, M.P. Martínez Jiménez, G. Pedrós Pérez, G. Guzmán Díaz</i>	8647
INSIGHTS ON E-LEARNING WITH MOODLE: A STUDY BASED ON STUDENT GENDER, AGE, AND NATIONALITY <i>M. Šerić, P. Ruiz-Castell</i>	8653
(MIS)MATCHED PERCEPTIONS: GRADUATES AND EMPLOYERS' VIEWS ABOUT COMPETENCIES IN PROFESSIONAL ACTIVITIES <i>S. Monteiro, L. Almeida, A. Garcia-Aracil</i>	8662
INCREASING DEMAND ON MASTER EDUCATION FOR DONATION AND TRANSPLANTATION: A 15-YEAR EXPERIENCE <i>A. Coll, C. Ballesté, R. Valero, D. Paredes, F. Diekmann, T. Torregrosa, A. Navarro, R. Adàlia, J. Colmenero, A. Villamor, E. Oliver, M. Istrate, M. Manyalich</i>	8667
WHAT REALLY MATTERS TO OUR STUDENTS? <i>M. Cladera</i>	8668
HUMANOID ASSISTANT ROBOTS IN TEACHING & LEARNING <i>S. Zeaiter, P. Heinsch</i>	8673
EVALUATION OF THE IMPLEMENTATION OF THE STRATEGY OF PROBLEM-BASED LEARNING (PBL) IN DIGESTIVE SYSTEM PHYSIOLOGY TEACHING <i>M. Muñoz Picos, A. Agis-Torres, A. Sánchez Pina, C. Contreras, A.C. Martínez, B. Climent, P. Recio, R. Raposo, S. Bedito, A. Garcia-Sacristán, L. Rivera, D. Prieto, M. Hernández, M.E. López-Oliva</i>	8684
BENEFITS AND BARRIERS TO THE USE OF CLOUD COMPUTING AND THEIR IMPORTANCE IN THE ASSESSMENT OF INDIVIDUAL USERS - STUDENTS OF THE WARSAW UNIVERSITY <i>T. Parys</i>	8691
INTEGRATING THE USE OF INSTAGRAM IN TEACHING FOREIGN LANGUAGES TO NON-LINGUISTIC STUDENTS <i>E. Maslova, M. Zarudnaya, D. Enygin, N. Kolomiytseva, I. Goncharova</i>	8700
ENHANCING BUSINESS ENGLISH COURSE FOR MBA STUDENTS VIA USE OF ONLINE RESOURCES AND SOCIAL NETWORKS <i>M. Zarudnaya, E. Maslova, D. Enygin, N. Kolomiytseva, I. Goncharova</i>	8705
INTRODUCTION OF A PRACTICAL LESSON FOR THE EVALUATION OF CAROTENOIDS IN FRUITS AND VEGETABLES FOR MASTER STUDENTS <i>C. Guijarro-Real, M. Plazas, A. Rodríguez-Burruezo, J. Prohens, A. Fita</i>	8710

MENTAL CALCULATION STRATEGIES USED BY PRE-SERVICE PRIMARY SCHOOL TEACHERS	8717
<i>T. Baranyai, E. Egri, A.E. Molnár, I. Zsoldos-Marchis</i>	
IMPROVING THE SPECIFIC COMPETENCES OF MASTER STUDENTS IN BREEDING SCIENCE: INTRODUCTION OF A PRACTICAL LESSON FOR ASSESSING BIOAVAILABILITY OF TARGET MOLECULES	8725
<i>C. Guijarro-Real, J. Prohens, A. Rodríguez-Burruezo, A. Fita</i>	
SIGNIFICANCE OF FACE-TO-FACE LEARNING IN VOCATIONAL EDUCATION AND TRAINING	8732
<i>I. Usach, R. Taléns-Visconti, J.E. Peris, A. Nácher, L. Ruano</i>	
TUTORING AND COACHING THE STUDENTS IN CLASS DURING THE FIRST 4 MONTHS AT THE UNIVERSITY	8737
<i>M.M. Maruri, D. Merida, E. Legarra, I. Sotes, I. Basterrechea</i>	
HIGHER EDUCATION INSTITUTIONS TO PROMOTE A LIFELONG LEARNING STRATEGY	8744
<i>J.A. Romero Del Castillo, A. De Haro García, D. Ortiz Boyer</i>	
TEACHING AND LEARNING ALGORITHMS WITH APPS	8750
<i>O. Herden</i>	
USING A PROJECT BASED LEARNING EXPERIENCE TO IMPROVE SUSTAINABILITY WITHIN THE UNIVERSITY COMMUNITY	8758
<i>M.M. Antxustegi, A. Ulazia, R. Palos, M. González Alriols, A. Campos Celador, A. Urresti</i>	
INTRODUCTION TO IMAGING TECHNOLOGIES AND APPS TO THE STUDENTS OF AGRONOMICAL SCIENCES DEGREE	8766
<i>C. de Ollas, M. González-Guzmán, V. Arbona, A. Gómez-Cadenas, R.M. Pérez-Clemente</i>	
CULTURE IDENTITY, MUSEUM AND NEW TECHNOLOGIES: ENHANCING MUSEOLOGICAL LEARNING	8770
<i>A. Chourdakis, J. Ieronimakis, M. Souka, M. Kounalakis</i>	
BECOMING A TIME-TRAVELLER: USING EXPANSIVE FRAMING TO PROMOTE TRANSFER OF LEARNING BETWEEN UNIVERSITY AND THE WORKPLACE	8777
<i>G. Oliveira</i>	
KAHOOT APPLICATION AS A TOOL TO TRACK STUDENT ASSIMILATION OF BIOLOGY PRACTICAL COMPETENCES WITHIN THE DEGREE OF MEDICINE	8778
<i>M. Gonzalez-Guzman, C. de Ollas, R. Perez-Clemente, A. Gomez-Cadenas, V. Arbona</i>	
THE CASE STUDY METHODOLOGY: A GUIDE FOR RESEARCH	8783
<i>R.A. Alcívar Espín, K.B. Pinos León, J.D. Alcívar Espín</i>	
THE EMPIRICAL RESEARCH: FOUNDATIONS FOR THE CORRECT APPLICATION	8784
<i>R.A. Alcívar Espín, J.D. Alcívar Espín</i>	
3D MAPPING UKRAINIAN DIGITAL EDUCATION	8791
<i>O. Dziabenko, N. Morze</i>	
FLOW UNDER THREAT: LEARNINGS FROM PRINCIPAL PREPARATION AND MARGINALIZATION INFORMING A NEW CONCEPTUAL MODEL	8799
<i>K. Beard</i>	
NEW TECHNOLOGIES TO ENHANCE THE EXPERIMENTAL LEARNING IN HEAT TRANSFER FOR CHEMICAL ENGINEERS	8810
<i>M. Cortés-Reyes, F.J. García-Mateos, R. Ruiz-Rosas, J.M. Rosas</i>	
PRELIMINARY RESULTS OF THE IMPLEMENTATION OF THE DESIGN BASED LEARNING ON STRATEGY IN RURAL EDUCATION IN CHILE	8818
<i>M. Palma, J. Alarcón, G. Hernández, L. Navarrete</i>	
ACCESSIBILITY, BIASES AND ETHICS IN CHATBOTS AND INTELLIGENT AGENTS FOR EDUCATION	8824
<i>E. Gutiérrez Y Restrepo, M. Baldassarre, J. G. Boticario</i>	
EDUCATING VACCINATION COMPETENCE PROJECT (EDUVAC)	8834
<i>C. Roure-Pujol, P. Galbany-Estragués, A. Ahokas, J.C. Casas-Baroy, D. Cavani, C. Gradellini, K. Grendova, E. Konstantinou, S. Lahti, M. Machajova, D. Mecugni, A. Nikula, X. Palomar-Aumatell, D. Perifanou, J. Prnova, M. Romero-Mas, H. Thomander, E. Sakellari</i>	
METHODS OF TEACHING RUSSIAN BASED ON THE CATEGORY OF QUANTITATIVENESS	8839
<i>N. Novospasskaya, N. Bahand, N. Perfilieva, O. Lazareva</i>	
EDUCATE TO COMMUNICATE: ANALYSIS OF A MEDIA LITERACY EXPERIENCE IN THE SCHOOL CONTEXT	8845
<i>D. Luna</i>	

A MULTIDISCIPLINARY APPROACH IN TEACHING CREATIVITY: WHAT DOES HIGHER EDUCATION GAIN BY IT?	8852
<i>E. de Vries, H. Velthuijsen</i>	
CASE STUDY: EXPLORING EFFECTIVE REDESIGN TECHNIQUES TO COMBAT STUDENT ENGAGEMENT CHALLENGES IN ASYNCHRONOUS COURSE DESIGN	8858
<i>M. Callison, C. Hagan, M. Palmer</i>	
ACTING ON ASSESSMENT: INCREASING AND SUPPORTING STUDENT SUCCESS THROUGH SCAFFOLDING	8864
<i>M. Callison, C. Hagan, A. Fox, M. Palmer</i>	
ARE YOU PAYING ATTENTION? ASSESSING STUDENTS ATTENTION AND PARTICIPATION ON LEARNING MANAGEMENT SYSTEM	8872
<i>N. Nowlan, O. Shafiq, A. Arya</i>	
FOR SYSTEMATIC DEVELOPMENT OF CONCEPTS FOR ACTIVE LEARNING	8882
<i>M. Koretsky, S. Nolen, B. Self, C. Papadopoulos, J. Widmann, M. Prince, D. Dal Bello</i>	
EARNING OR LEARNING - THE DILEMMA FOR GENERATION Y	8893
<i>A. Reissová, J. Šimsová</i>	
LEARNING BASED ON DESIGN AS A DIDACTIC AND PEDAGOGICAL STRATEGY FOR THE DEVELOPMENT OF PROFESSIONAL COMPETENCES	8901
<i>L. Navarrete, M. Palma, G. Hernández, J. Alarcón</i>	
EFL TEACHERS BELIEFS ON CREATIVITY	8906
<i>C.G. Alemán-Aguilar, M. Portillo-Vazquez, M. Cruz-Millán, A. García Del Valle, L. Aguilar-Santelises</i>	
CHARACTERIZATION OF ENGINEERING STUDENT PROFILES AT EUROPEAN INSTITUTIONS BY USING SPEET IT-TOOL	8911
<i>R. Vilanova, J. Vicario, M. Prada, M. Barbu, M. Domínguez, M.J. Varanda, M. Podpora, U. Spagnolini, P. Alves, A. Paganoni</i>	
A NEW APPROACH TO EMPOWER THE BASICS OF REPRESENTATION SKILLS FOR PRODUCT DESIGN STUDENTS	8921
<i>F. Brevi, F. Gaetani</i>	
THE IMPACT OF UNIVERSITY INDUSTRY COLLABORATION IN ENHANCING SUSTAINABLE BUSINESS ENVIRONMENT IN KOSOVO	8927
<i>A. Bajraktari, A. Veseli, S. Hoxha</i>	
DEVELOPMENT OF 3D SOLID SHAPES IN AUGMENTED REALITY, AUGMO: A GAME-BASED LEARNING APPLICATION	8928
<i>M. Kouzi, O. Shafiq</i>	
APPLICATION OF EDUCATIONAL DIALOGUE MODEL IN THE PROCESS OF SUPPORT RENDERED IN INCLUSIVE EDUCATION TO A LEARNER WITH HEARING DEFICIT	8939
<i>D. Al-Khamisy, A. Dłużniewska</i>	
HIGHER EDUCATION RE-IMAGINED, TO SUPPORT TEACHERS AND STUDENTS. AN EXPLORATION OF AN INNOVATIVE, FIT FOR PURPOSE PEDAGOGY	8950
<i>C. Mazzola</i>	
A GAMIFIED, BLOCKCHAIN BASED, LEARNING RECORD STORE AS A PERSONAL LEARNING ENVIRONMENT COULD OFFER A SOLUTION TO THE HUMAN RIGHT OF EDUCATION	8961
<i>G. Turkawka</i>	
IMPLEMENTATION OF COMMUNICATIVE LANGUAGE TEACHING AND THE CHALLENGES THIS FACES IN THE PEDAGOGIC CULTURE OF SAUDI ARABIAN SCHOOLS	8973
<i>A. Alharbi</i>	
EYE-TRACKING STUDENT'S BEHAVIOUR FOR E-LEARNING IMPROVEMENT	8978
<i>J. Calado, E. Marcelino-Jesus, F. Ferreira, J. Sarraipa</i>	
DESIGN OF A MOBILE AUGMENTED REALITY GAME IN THE FRAMEWORK OF PROBLEM-BASED LEARNING	8987
<i>M.C. Costa, A. Manso, J. Patrício</i>	
METAPHORS FOR LEARNING ABOUT INFORMATIVE COMPANIES	8996
<i>A. Suing, K. Ordoñez, L. Carpio-Jiménez</i>	
INVESTIGATING THE EFFECT OF VOLUNTARY USE OF AN INTELLIGENT TUTORING SYSTEM ON STUDENTS' LEARNING	9000
<i>A. Mitrovic, J. Holland</i>	

THE USE OF MOOT COURT METHODOLOGY AS AN INSTRUMENT OF TEAM BASED LEARNING IN THE LAW COURSE <i>H. Santana, E. Araújo, E. Moresi, G. Caliman, C. Costa-Lobo</i>	9008
USE OF TECHNOLOGIES IN INTEGRATED MATHEMATICS AND PHYSICS LABORATORIES <i>C. Aramo, F.S. Tortoriello, I. Veronesi</i>	9016
SELF-PROMOTION AND ACADEMIC BRANDING: CAREER PROGRESSION STRATEGY <i>A.R. Dobele, E. Wastell</i>	9034
USE OF ICT FOR THE USE OF THE RESIDUAL VALUES IN ANOVA <i>M. Pineda Becerril, O. García, A. Aguilar, F. León</i>	9035
DEVELOPMENT OF A STUDENT REFLECTION SUPPORT SYSTEM BY AUTOMATIC CLASSIFICATION OF SENTENCES OF REFLECTION ON LEARNING USING A CUSTOM MACHINE LEARNING MODEL <i>K. Maruyama, Y. Morimoto</i>	9040
TEACHING OF THE PROOF OF THE HYPOTHESIS THROUGH A MULTIMEDIA BOOK IN THE PROBABILITY AND STATISTICS SUBJECTS TAUGHT IN THE FESC <i>O. García, M. Pineda Becerril, A. Aguilar, F. León</i>	9050
INFLUENCE OF COMMUNICATIVE SITUATIONS ON COMMUNICATION MEANS ACQUISITION BY A NONSPEAKING CHILD <i>E. Sheremetyeva, N. Trofimova, O. Kovaleva, I. Menendez Pidal</i>	9057
COMUNICARTE: A VIRTUAL REALITY GAME TO IMPROVE PUBLIC SPEAKING SKILLS <i>M. El-Yamri, A. Romero-Hernandez, M. Gonzalez-Riojo, B. Manero</i>	9061
INSTITUTIONAL SELF-ASSESSMENT AS SUPPORT FOR THE DEFINITION OF A NEW E-LEARNING MODEL <i>A. Justin Cerveira Kampff, M. Creutzberg, D.A. da Silva Melo, D. Conforto, M.J. Mentges</i>	9067
A PROJECT MANAGEMENT ACTIVITY FOR STUDENT TEAMS IN A COMPUTER SCIENCE UNDERGRADUATE CAPSTONE PROJECT COURSE: TASK PLANNING <i>M. Scaturro Heil</i>	9072
TOWARDS AN APPROPRIATE CULTURAL CONTENT OF EFL TEXTBOOKS: THE CASE OF SAUDI SECONDARY SCHOOL EFL TEXTBOOKS <i>M.R. Alrashidi</i>	9078
GENDER LENSING IN PRACTICE: A WEBPAGE ANALYSIS OF AUSTRALIAN HIGHER EDUCATION INSTITUTIONS <i>U. De Silva Perera, L. Farrell, A.R. Dobele, A. Misra</i>	9079
REMOVING STICKY FLOORS IN ACADEMIA: A DIRECTORY OF BEST PRACTISE <i>L. Farrell, A.R. Dobele, M. Duckham</i>	9080
USING HUMOR IN THE STEM CLASSROOM TO ENHANCE KNOWLEDGE TRANSFER <i>P. Ludovice, D. MacNair</i>	9081
COMPREHENSIVE TRAINING OF STUDENTS WITH EXTRAORDINARY APTITUDES WITHIN THE FRAMEWORK OF THE SPECIAL EDUCATION PROGRAM IN MEXICO <i>A. Corona, M. Cervantes, L. Sbitneva</i>	9090
DEVELOPMENT AND EVALUATION OF MODEL TO IMPROVE STUDENT TEACHERS' SKILLS IN DESIGNING LESSONS THAT INCLUDE ICT <i>H. Takamura, K. Maruyama, T. Sato, Y. Morimoto</i>	9097
ASSESSMENT APPROACHES FOR EXPERIENTIAL LEARNING IN COMPUTING PROGRAMMES <i>D. Lopez, M. Lopez</i>	9106
FIT FOR THE FUTURE - MODERNISATION OF MASTER CURRICULUM IN ICT FOR ENHANCING STUDENT EMPLOYABILITY IN BELARUS <i>J. Mäkiö, S. Piashkun, J. Kowal, M. Paasivaara, E. Surkova</i>	9116
SHIFTING PERSPECTIVES OF TEACHER EDUCATION: THE CASE OF LITHUANIA <i>J. Sarupiciute, G. Druteikiene</i>	9123
THE INTERCULTURAL COMPETENCE IN PROFESSIONAL TRAINING OF TRANSLATORS <i>L. Satarova, O. Akimova, I. Kurmaeva, N. Deputatova, I. Abdulganeeva</i>	9127
PEER MENTORING PROGRAMME FOR INTERNATIONAL STUDENTS IN A COMPUTING POSTGRADUATE PROGRAMMES <i>D. Lopez, M. Lopez, J. Sibley, S. Ikarath</i>	9132

STUDENTS' PREFERENCES AS TO PROGRAMMING LECTURE FORMATS: LIVE LECTURES WITH CLICKERS OR RECORDINGS <i>M. Lepp, A. Margens, E. Tonisson</i>	9142
ESTIMATION OF USER INTERACTIVITY RESPONSIVENESS AND ALERTNESS BASED ON EYE BLINK -APPLICATION IN AN E-LEARNING ENVIRONMENT <i>I. Bandara, F. Ioras</i>	9150
OPEN SCIENCE SCHOOLING – RETHINKING SCIENCE LEARNING <i>C. Suero Montero, A. Baranowski, J. Gejel</i>	9159
PROS AND CONS OF AUGMENTED REALITY IN EDUCATION <i>F. Galati, B. Bigliardi, A. Deiana, S. Filippelli, A. Petroni</i>	9165
SUPERVISING THE RESEARCH WORK OF STUDENTS OF LINGUISTICS MAJOR: CURRENT ISSUES AND PROSPECTS <i>N. Bobyreva, N. Pomortseva, A. Zorina</i>	9169
SOCIAL NETWORKS AS EDUCATION TOOLS <i>F. Galati, B. Bigliardi, A. Deiana, S. Filippelli, A. Petroni</i>	9176
EXPECTATIONS OF THE TRANSFORMATION OF POWER RELATIONSHIPS IN THE EDUCATIONAL PROCESS: FUTURE TEACHERS' VISION <i>J. Lenkauskaitė, E. Masiliauskienė</i>	9181
A QUALITATIVE STUDY OF PRACTITIONER PERSPECTIVES ON THE DESIGN AND DEVELOPMENT OF EFFECTIVE GAME-BASED LEARNING SOLUTIONS <i>L. Cunningham, O. Murphy</i>	9191
INTRODUCING METHODS OF HISTOLOGY IMAGE AND DATA ANALYSIS IN THE DEGREE OF BIOCHEMISTRY <i>R.M. Sanchez-Varo, J.J. Fernandez-Valenzuela, P.D. Franco-Caballero, J.M. Paz-Garcia, A. Gutierrez-Perez</i>	9200
BLENDED LEARNING APPLIED TO THE ARTIFICIAL INTELLIGENCE TRAINING <i>M. Petrova</i>	9207
PERCEPTIONS ABOUT THE USE OF SPECIFIC PROFESSIONAL SOFTWARE IN THE PEDAGOGY DEGREE <i>P.D. Franco-Caballero, J.M. Paz-Garcia, R.M. Sánchez-Varo, J.J. Fernandez-Valenzuela</i>	9214
MEANINGS ATTACHED TO LEARNING TO LEARN COMPETENCE BY LOWER SECONDARY SCHOOL STUDENTS: A DISSECTION AND COMPARISON WITH THE EU DEFINITION <i>N. Bercu</i>	9218
NEW METHODS DEEPENING UNDERSTANDING OF STUDENTS' EXPERIENCES AND THEIR RELATION TO PHYSIOLOGICAL ALERTNESS VARIATIONS DURING LEARNING <i>M. Silvennoinen, J. Mikkonen, M. Manu, A. Malinen, T. Parviainen, M. Vesisenaho</i>	9219
LEARNING INTEGRATED MANAGEMENT SYSTEMS BY ROLE-PLAYING A VIRTUAL COMPANY <i>J.M. Paz-Garcia, M.M. Cerrillo-Gonzalez, C. Vereda-Alonso, M. Villen-Guzman</i>	9229
THE SIGNIFICANCE OF QUALITATIVE METHOD IN CHILDHOOD EDUCATION: FREE ESSAY APPLICATION TECHNIQUE IN THE CONTEXT OF CHILDREN'S LEISURE AND SELF-LEARNING CULTURES <i>K. Rūdytė, R. Šiaučiulienė</i>	9234
GAME BASED LEARNING ON URBAN SUSTAINABILITY: THE "SUSTAIN" PROJECT <i>J. Papathanasiou, S. Armenia, F. Barnabè, C. Carlini, N. Ciobanu, P. Digkoglou, L. Jarzabek, M. Kulakowska, A. Lanzuisi, M. Morfoulaki, G. Myrovali, C. Onofrei, A. Pompei, R. Scolozzi, G. Tsaples</i>	9240
ODISSEA PROJECT: INNOVATIVE EDUCATIONAL STRATEGIES IN CURRICULUM DEVELOPMENT ON ORGAN DONATION WITHIN SOUTH EAST ASIAN COUNTRIES <i>P. Peralta, M. Istrate, M.P. Gómez, R. Valero, E. Vera, J. Perales, A. Coll, M. Manyalich</i>	9247
PREPARING MANAGEMENT SCIENCE STUDENTS FOR THE DIGITALIZATION ERA <i>A. Dannecker, R. Telesko, H. Knechtli</i>	9249
THE INTEGRATION OF TEACHING RESOURCES IN THE CONTEXT OF THE SUPERVISED TEACHING PRACTICE IN PRESCHOOL EDUCATION <i>A.P. Aires, J. Escola</i>	9257
H5P INTERACTIVE DIDACTIC TOOLS IN EDUCATION <i>Z. Homanova, T. Havlaskova</i>	9266
GO-LAB ECOSYSTEM: USING ONLINE LABORATORIES IN A PRIMARY SCHOOL <i>O. Dziabenko, O. Budnyk</i>	9276

COMPETENCES FOR SOCIAL INNOVATION: AN INTERNATIONAL EXPLORATORY STUDY	9286
<i>M. Amorim, M. Ferreira Dias, M. Sarmiento, M. Madaleno</i>	
DIGITAL INCLUSION OF SENIOR COLLECTIVES THROUGH PARTICIPATORY PROCESSES OF CO-CREATION OF DIGITAL TOOLS: DESIGN OF A MOOC	9295
<i>L. Bueno-Sánchez, S. Martínez-Molina, S. Marqués de Almeida, J. Garcés-Ferrer, D. Pérez, M. Quílez</i>	
ANALYSING THE CAUSES OF THE GENDER GAP IN ENGINEERING DEGREES AND ACTIONS FOR A CHANGE	9299
<i>R. Dominguez, A. Romero, M. Carrion, A. Gomez, R. Garcia-Contreras</i>	
NATIONAL ENGLISH LANGUAGE CONTEST: ENHANCING STUDENTS' CREATIVE WRITING COMPETENCE	9308
<i>D. Sabirova, F. Shigapova, N. Pomortseva, T. Morozova</i>	
VALIDATION OF THE SOCIAL INNOVATION COMPETENCE ASSESSMENT INSTRUMENT: A FACTORIAL ANALYSIS	9318
<i>M. Amorim, M. Ferreira Dias, M. Sarmiento, M. Madaleno, D. Galego, L. Roldan</i>	
CONDITION OF EVALUATION SYSTEM OF SCHOOL ACHIEVEMENTS IN STUDENTS WITH SPECIAL EDUCATIONAL NEEDS IN KAZAKHSTAN	9324
<i>A. Satova, A. Autayeva, E.M. Kulesza, L. Butabayeva, S. Bulabayeva</i>	
SETTING THE SUSTAINABLE DEVELOPMENT GOALS IN A UNIVERSITY ENVIRONMENT	9326
<i>A. Romero, R. Dominguez, M. Carrion, A. Gomez, R. Garcia-Contreras</i>	
INVESTIGATION AND ANALYSIS OF ALGORITHMS FOR EVALUATING THE ACQUISITION OF KNOWLEDGE ON TEACHING STUDENTS AT THE HIGHER EDUCATION INSTITUTIONS	9336
<i>I. Getova</i>	
IMMERSIVE DIDACTIC APPROACH: TEACHING WITH VIRTUAL REALITY AS INTEGRATED LEARNING ENVIRONMENTS	9343
<i>A. Benassi, A. D'Alessio, M. Napolitano, R. Tammaro</i>	
CHEMISTRY SUBJECT IN THE BACCALAUREATE AS ADDRESSED BY FIRST YEAR CHEMISTRY GRADE STUDENTS	9350
<i>A. Ortuzar, M. Elizalde, M. Campos</i>	
A NEW VIEW FOR THE TEACHING OF LIBRAS: A UNIVERSITY LISTENERS SECOND LANGUAGE	9354
<i>S. Lopes Valentin, D. Grassi, J. Juliano, S. Almeida, C. Bortoloto, A. Guarinello</i>	
A SYSTEMATIC REVIEW AND ANALYSIS OF COMPUTER-SUPPORTED COLLABORATIVE ARGUMENTATION USING CITESPACE	9361
<i>H. Yang, C.Y. Su, Y. Hu</i>	
UNDERSTANDING MOOCS LEARNERS: CULTURAL BACKGROUND AND MOTIVATION	9369
<i>M. Milani, C. Moscardo, F. Cirulli</i>	
VISION BASED INTERACTION GAME FOR REVISING THE PERIODIC TABLE	9376
<i>I. Ayed, A. Jaume-I-Capó, B. Moya-Alcover, F.J. Perales</i>	
CONCEPT BASED CURRICULA FOR 21ST CENTURY THIRD LEVEL EDUCATION	9383
<i>G. O'Kelly</i>	
SIMULATION-BASED LEARNING FOR PROMOTING INTERPROFESSIONAL COLLABORATIVE PRACTICE IN GERONTOLOGICAL STUDENTS	9384
<i>S.H.S. Lo, J.P.C. Chau, V.W.Y. Lee, A.Y.L. Lau</i>	
EUDONORGAN - TRAINING AND SOCIAL AWARENESS FOR INCREASING ORGAN DONATION IN THE EUROPEAN UNION AND NEIGHBOURING COUNTRIES	9385
<i>M. Istrate, G. Pérez, R. Valero, P. Peralta, E. Vera, C. Blanco, M. Manyalich, E. Consortium</i>	
EFFECTIVE COMMUNICATION IN PUBLIC SERVICES IN A DIVERSE LANGUAGE AND CULTURAL LANDSCAPE: A CHALLENGE FOR TEACHING AND TRAINING	9386
<i>H. Asllani, J. Fisher</i>	
A REVIEW OF THE WORKING RELATIONSHIP BETWEEN ACADEMIC AND ADMINISTRATIVE STAFF AT THE UNIVERSITY OF SUNDERLAND WITH PARTICULAR REFERENCE TO COMMUNITIES OF PRACTICE	9394
<i>D. Bell</i>	
3D CHATBOT IN HIGHER EDUCATION, HELPING STUDENTS WITH PROCRASTINATION AND STUDY PLANNING PROBLEMS	9400
<i>K. Samyn</i>	

QUALITY OF INTERNAL ENVIRONMENT IN SCHOOL CLASSROOM AS FACTOR OF THE EFFECTIVENESS OF PRIMARY SCHOOL PUPIL'S EDUCATION	9406
<i>V. Tomková, J. Depešová, I. Tureková, D. Vallo</i>	
FACTORS AFFECTING THE CHOICE OF SECONDARY SCHOOL IN SLOVAK REPUBLIC	9414
<i>V. Tomková, L. Kostolanský</i>	
CULTIVATING EMPATHY FOR SYRIAN REFUGEE CHILDREN ON BEHALF OF TURKISH CLASSROOM TEACHERS	9422
<i>M.E. Tuna, E. Karşı-Çalamak, A. Aracı İyiyaydn</i>	
AMBIVERT: A VIRTUAL PLATFORM FOR NETWORKING LABORATORIES	9426
<i>P. Duarte, O. Santos, H. Marques</i>	
HOW TO ENHANCE THE ENROLLMENT AND RETENTION OF WOMEN IN STEM	9437
<i>L. Pappalardo, L. Kemp, N. Ahmad</i>	
HOW MICROCREDENTIALS CAN FUTUREPROOF US AGAINST THE CHANGING REALITIES OF THE WORKPLACE	9438
<i>K. Houchen</i>	
AN ANALYSIS OF THE RELATIONSHIP BETWEEN ACADEMIC MOTIVATION AND ACADEMIC ACHIEVEMENT IN UNIVERSITY STUDENTS	9439
<i>L. Křeménková</i>	
TRANSPLANT PROCUREMENT MANAGEMENT: 25 YEARS OF INTERNATIONAL TRAINING PROGRAM IN ORGAN AND TISSUE DONATION	9447
<i>C. Blanco, R. Valero, R. Adàlia, J.M. Domínguez, P. Peralta, C. Ballesté, E. Arredondo, M.P. Gómez, I. Roselló, G. Pérez, M. Manyalich</i>	
SOCIAL SUPPORT AMONG UNIVERSITY STUDENTS	9449
<i>E. Sedláková, L. Křeménková</i>	
THE ROLE OF YOUNG PEOPLE IN THE PROCESS OF IMPLEMENTATION OF NEW KNOWLEDGE IN PRACTICE	9456
<i>D. Stoyanova</i>	
FACTORS INFLUENCING PUPILS PERFORMANCE IN EDUCATION	9460
<i>M. Ažaltovičová, V. Tomková</i>	
ANALYSIS OF THE PERCEPTIONS OF GIFTED STUDENTS AND OTHER 7TH GRADERS ON FAIRY TALE HEROES/CHARACTERS	9467
<i>D. Ünveren Kapanadze</i>	
ICT-MEDIATED INTRAPRENEURSHIP OUTLINE, THE ERASMUS+ INTRA-NET PROJECT	9472
<i>A. Gallardo-Sanz, R. Esteller-Curto, P. Escuder-Mollon</i>	
STRATEGIES TO ENCOURAGE STUDENT PARTICIPATION IN SMALL GROUP SESSIONS	9480
<i>E. Rilo Siso, S. García-Garabal, L. Segade, M. Domínguez-Pérez, O. Cabeza</i>	
EFFICIENT ENGINEERING DESIGN USING HUMOROUS IMPROVISATION	9485
<i>P. Ludovice, L. Lefton</i>	
THE MEANING OF WORK FOR TUTORS IN DISTANCE EDUCATION	9494
<i>Y. Neves, H.A. Irigaray, J. Liedke</i>	
DESIGNING OF STUDENT TUTORING ASSISTANCE FRAMEWORK USING MACHINE LEARNING TECHNOLOGY FOR TEACHERS	9502
<i>S. Togawa, A. Kondo, K. Kanenishi</i>	
DIVE INTO BIOCHEMISTRY, AN APPROACH TO INCREASE INTEREST IN SCIENCE	9507
<i>M. García-Teneche, J.M. Fernández Novell</i>	
ONLINE ACTIVITIES FOR ACQUIRING SOFT SKILLS AND TRANSVERSAL COMPETENCES IN ORGANISATIONS AND TEAMS; THE ERASMUS+ INTRA-NET PROJECT	9514
<i>H. Saiz-Sanchez, P. Escuder-Mollon, S. Luna-Ojeda</i>	
HOW DOES ENGLISH LANGUAGE AFFECT TO THE ACADEMIC PERFORMANCE OF A SPANISH STUDENT IN THE SUBJECT OF PHYSICS?	9519
<i>L. Segade, E. Rilo Siso, S. García-Garabal, M. Domínguez-Pérez, O. Cabeza</i>	
SELF-REGULATED STUDY SKILLS AMONG MALAYSIAN STUDENTS IN TRANSITION TO HIGHER EDUCATION	9523
<i>J. Davies</i>	
INSIGHT OF AUTISM SCREENING, INTERVENTION AND ITS CORRELATION	9531
<i>A.S. Shminan, S. Sharif, L.J. Choi, N. Fauzan</i>	

DESIGN PROPOSITIONS AND PROCESS STEPS FOR CURRICULUM DESIGN IN PROFESSIONAL HIGHER EDUCATION	9541
<i>K. Baert, R. Stevens</i>	
USE OF TRADITIONAL CHILDREN'S PLAYS IN SOCIAL STUDIES COURSES	9546
<i>H. Mertol, Ö. Çelikkol</i>	
INTRODUCING THE PRINCIPLES OF BIOMIMICRY AND USE OF BIOMATERIALS IN DESIGN EDUCATION	9550
<i>M. Racine</i>	
ACADEMIC SELF-CONFIDENCE: STUDENTS PROGRESSING FROM FURTHER TO HIGHER EDUCATION	9556
<i>A. Barlow, M. McCann</i>	
ASSESSMENT OF PROFESSIONAL COMPETENCE OF FUTURE TEACHERS OF LIFE SAFETY IN THE INTERIM ASSESSMENT USING WORLDSKILLS RUSSIA METHODS	9564
<i>O. Bespyatykh, N. Koshkina</i>	
INCORPORATING 21ST CENTURY SKILLS INTO DUTCH SECONDARY SCHOOL MUSIC CURRICULUM	9570
<i>D.W. Thompson II</i>	
ISSUES OF PROFESSIONAL IDENTITY IN AN EFL TEACHER EDUCATION PROGRAM IN COLOMBIA	9580
<i>I. Zorro, J.C. Torres-Rocha, J.E. Bacca-Rozo</i>	
TEACHING AND LEARNING THROUGH VIDEOLESSONS: THEORIES AND METHODS	9587
<i>M.A. Garito</i>	
METADESIGN & TREND RESEARCH AS OVERLAPPING AND CROSSING LAYERS. A DIDACTIC EXPERIMENTATION IN THE FIELD OF DESIGN	9595
<i>M. Celi, A. Spagnoli</i>	
ONLINE & APP BASED LEARNING: MAKING INDIAN STUDENTS FUTURE READY	9603
<i>D. Kapoor, R. Jain</i>	
THE NON-FORMAL ACADEMY EXPERIENCE: AN EXPLORATORY MODEL TO DEVELOP STUDENTS' COMPETENCES FOR WORKING IN INTERNATIONAL AND VIRTUAL TEAMS	9612
<i>M. Anorim, M. Ferreira Dias, M. Rodrigues, J. Rainho, I. Dimas, J. Oliveira, E. Andrade</i>	
TYPOLOGY OF RELATIONAL COORDINATION MODEL IN HIGHER EDUCATION: THE CASE OF UNIVERSIDAD TECNICA ESTATAL DE QUEVEDO- ECUADOR	9616
<i>C. De-Pablos-Heredero, E. Díaz-Ocampo, Y. Torres, C. Checa, C. Barba, A. García</i>	
STUDENT'S ACCUMULATED EXPERIENCE EFFECT IN THE ORGANIZATIONAL MODEL OF THE UNIVERSITY TECNICA ESTATAL DE QUEVEDO- ECUADOR	9622
<i>C. De-Pablos-Heredero, E. Díaz-Ocampo, Y. Torres, C. Checa, C. Barba, A. García</i>	
ADVANTAGES OF BLENDED LEARNING APPLICATIONS WITH MODULAR ARCHITECTURE IN PRIMARY SCHOOLS IN SOUTHEASTERN MEXICO	9627
<i>D. Vila-Rosado, A. Pacheco-Chuc, M. Esponda-Argüero, R. Rojas</i>	
THE WAY OF DETERMINING COMPETENCES OF A TEACHER AND ISSUES ON DEVELOPMENT OF PROFESSIONAL NECESSITIES IN GEORGIA	9632
<i>M. Mikeladze, R. Shavadze</i>	
MULTIVARIATE ANALYSIS FOR OVERALL ASSESSMENT OF STUDENT LEARNING BASED ON SEVERAL INDIVIDUAL SCORES OBTAINED IN DIFFERENT ACTIVITIES	9641
<i>M.S. Sánchez, M.C. Ortiz, L.A. Sarabia, S. Ruiz, O. Valencia</i>	
ADVISING STUDENTS AT SCALE: USING SINGLE-SOURCING TO ADVISE A LARGE COHORT OF POSTGRADUATE STUDENTS ON THEIR FINAL PROJECT	9649
<i>A. Reppel</i>	
EXPLORING THE LEARNING AND TRAINING DIMENSION OF A DIGITAL PLATFORM FOR TERRITORY-BASED INNOVATION	9654
<i>F. Ramos, L. Pedro, M. Almeida, P. Silva</i>	
ANALYSIS OF THE RESULTS OF PROGRAM FINANCING IN THE HIGHER EDUCATION SYSTEM OF GEORGIA AND IMPROVING TENDENCY OF ASSESSMENT INDICATORS	9659
<i>G. Abuselidze, M. Mikeladze</i>	
A PERFORMANCE INDICATORS OF UNIVERSITY-INDUSTRY COLLABORATION	9664
<i>L. Šereš, V. Pavlicevic, P. Tumbas, P. Matkovic, M. Maric</i>	

STUDENTS' TRAINING IN THE EVALUATION OF ORAL HYGIENE WITH MICROBIOLOGICAL TESTS	9673
<i>I. Casado Gómez, J.F. Martín Morales, E. Descalzo Casado, P.T. Romero-Lastra, A.A. Domínguez Gordillo, B. Bravo González, C.M. Ariás Macías, M.C. Sánchez Beltran, M.A. Llama Palacios, A. O'Connor de Oliva, M. Romero Martín</i>	
EMBRACING THE CONSUMERIZATION OF IT – BUSINESS INFORMATICS CURRICULUM (RE)DESIGN	9680
<i>M. Sakal, L. Rakovic, L. Šereš, V. Vukovic</i>	
PERCEPTION OF THE USE OF THE SMARTPHONE IN CLASS AS A WAY OF MEASURING THE ATTITUDE TOWARDS THE STUDY	9686
<i>D. Mejía, A. Franco-Crespo, F. Herrera, V. Ramos</i>	
THE ROLE OF THE TEACHER IN COLLABORATIVE WRITING PROJECTS	9692
<i>A. Zanatta</i>	
TODAY PARENTS' PROFILE - EDUCATIONAL IMPLICATIONS (ROMANIAN POPULATION)	9698
<i>C. Bucur, L.E. Ciolan, A. Petrescu</i>	
SCORING MODELS FOR PEER ASSESSMENT IN TEAM-BASED LEARNING PROJECTS	9704
<i>P.H. Vossen</i>	
THE PARENTS' ROLE IN THE GENERAL COUNCIL OF PORTUGUESE SCHOOLS – EFFECTIVE PARTICIPATION OR MERE ORCHESTRATION OF REALITY?	9714
<i>I. Cabral, J. Matias Alves, D. Soares, C. Palmeirão</i>	
STUDY OF EDUCATIONAL METHOD BY CONSIDERING SUSTAINABLE URBAN DEVELOPMENT	9722
<i>A. Kondo, S. Togawa</i>	
LEARNING EUROPE THROUGH STUDYING AND DISCOVERING OPPORTUNITIES WITHIN THE FRAMEWORK OF ERASMUS+ PROGRAMME	9728
<i>E. Murugova, S. Evtushenko, V. Demchenko, V. Grekova</i>	
APPLICATION OF BLOGS TO HOME ECONOMICS IN THE FIELD OF EDUCATION	9736
<i>J. de Pablo Valenciano, J. Milán García, J.L. Ruiz Real</i>	
THE EDUCATIONAL POTENTIAL OF SOCIAL ADVERTISING IN THE TEACHING STYLISTICS TO THE STUDENTS OF LINGUISTIC UNIVERSITIES	9740
<i>I. Balabanova, A. Seredina, F. Yarullina, N. Tikhonova</i>	
INNOVATION TOOLS APPLIED TO MASTER'S AND UNIVERSITY DEGREE COURSES AT THE UNIVERSITY OF ALMERIA (SPAIN)	9744
<i>J. de Pablo Valenciano, J. Milán García, J. Uribe Toril, N. Rueda López</i>	
STUDENTS OF ACADEMY OF ART LEARN AND EXPLAIN THE CIRCULAR ECONOMY THROUGH CREATIVITY AND COMPUTER ART	9752
<i>D. Rinaudo</i>	
EDUCATIONAL AND PRACTICAL POSSIBILITIES FOR THE DEVELOPMENT OF THE INTERCULTURAL COMMUNICATION OF HEALTH CARE TEAM MEMBERS	9762
<i>A. Eidintas, R. Brunevičiūtė, A. Blaževičienė</i>	
LEARNING HOW TO USE A QWERTY KEYBOARD WITH A GAME INTERFACE FOR CHILDREN: A USABILITY PRELIMINARY STUDY	9769
<i>T. Rocha, R. Rodrigues Nunes, P. Martins, J. Barroso</i>	
SONGS' LYRICS AND CATCHY TUNES - EFFECTIVE TOOLS OF BUILDING VOCABULARY AND LEARNING GRAMMAR	9775
<i>S. Popova</i>	
MTESTING IN THE ENGLISH FOR SPECIFIC PURPOSES CLASS	9780
<i>I. Bocianu</i>	
TECHNOLOGY FOR ENGLISH FOR SPECIFIC PURPOSES: CREATING DATABASES	9781
<i>I. Bocianu</i>	
MENTAL MAPS IN EDUCATIONAL PROCESS AND THEIR IMPACT ON PUPIL'S LEARNING PERFORMANCE	9786
<i>R.Š. Koleňáková</i>	
FIRST RESULTS OF PHILOSOPHY FOR CHILDREN COURSE WITH UNIVERSITY STUDENTS IN SLOVAKIA – EVALUATIVE RESEARCH	9795
<i>L. Kaliska, J. Kalisky</i>	
TRAIT EMOTIONAL INTELLIGENCE DEVELOPMENT POSSIBILITIES OF PRIMARY SCHOOL-AGED CHILDREN	9801
<i>L. Kaliska</i>	

INSIGHTS INTO NEW GENERATION STUDENTS' VALUES	9808
<i>R. Kriaučiūnienė</i>	
ENGINEERING EDUCATION FOR K-12 STUDENTS: STORYTELLING AND CURRICULUM FRAMEWORK FOSTERING ACTIVE LEARNING	9814
<i>F. Campos</i>	
DATA EXPLOITATION IN INTEGRATED DEVELOPMENT ENVIRONMENTS USED IN COMPUTER SCIENCE TEACHING	9820
<i>N. El Bahri, Z. Itahriouan, A. Abtoy, S. Brahim Behaouari</i>	
THE ROLE OF THE LITERATURE AND THE PHILOSOPHY EDUCATION IN THE DIGITAL WORLD AND THE VALIDATION OF THE CULTURAL IDENTITY THROUGH THE MEANS OF DISTANCE LEARNING PLATFORMS	9827
<i>O. Kouzov</i>	
ADVERTISING TEXT IN THE SPACE OF UNIVERSITY LINGUISTIC EDUCATION	9833
<i>I. Balabanova, T. Kalegina, N. Titova, M.S. Lukina</i>	
PRE-SERVICE TEACHERS' EDUCATION: FIRST AID FOR CHEMICAL WASTE INTOXICATION	9838
<i>M. Feszterová</i>	
RESILIENCE AS THE LEADER'S COMPETENCY	9846
<i>T. Trnková, M. Marek</i>	
DIFFERENT METHODOLOGIES AT WORK: EXTRACTING SCENARIO'S MODELS FROM DIFFERENT PEDAGOGICAL EXPERIENCES WITHIN A MULTIFACETED ECOSYSTEM	9853
<i>S. Lariccia, E. Shmueli, I. Barth, M. Montanari</i>	
ON THE IMPORTANCE OF MISCONCEPTIONS' DETECTION IN PRE-SERVICE TEACHERS	9854
<i>D. Airado-Rodríguez, M. Campos, M.D. Víctor-Ortega, F. Cañada</i>	
COMMUNICATION IN DIGITAL PLATFORMS: A CASE STUDY OF PORTUGUESE AND SPANISH HIGHER EDUCATION STUDENTS	9858
<i>J. Gonçalves, J. Brigas, F. Gonçalves</i>	
ENTREPRENEURIAL ORIENTATION IN ROMANIAN HIGHER EDUCATION	9864
<i>D.M. Lina, A.M. Ionescu, M.V. Bedrule-Grigoruta</i>	
CULTURAL DIFFERENCES IN SPANISH SPEAKERS' BACKGROUND AS A TEACHING RESOURCE	9873
<i>O. Palutina, A. Ismagilova, S. Pupyreva, J. González</i>	
FACEBOOK POSTS AND DESIGN PEDAGOGY: AN EGYPTIAN CASE STUDY OF SOCIAL MEDIA COMMUNICATION IN SUPPORT OF AN ARCHITECTURAL STUDIO	9878
<i>R. Bakir, S. Alsaadani</i>	
ALTERNATIVE IDEAS ABOUT LIGHT IN ELEMENTARY EDUCATION PRE-SERVICE TEACHERS	9888
<i>D. Airado-Rodríguez, A. Martín, M.A. Dávila, M.D. Víctor-Ortega, F. Cañada</i>	
DEVELOPMENT OF PRIMARY SCHOOL STUDENTS' MATHEMATICS ABILITIES BY USING OF DIFFERENT TEXTBOOKS	9893
<i>N. Cibulskaitė</i>	
APPROACHES TO TRAINING OF PROFESSIONAL MILITARY PERSONNEL IN THE FIELD OF DIRECT LEADERSHIP	9901
<i>M. Marek, T. Trnková</i>	
ROOT CAUSES OF THE MAIN DIFFICULTIES FOUND BY THE ENGINEERING DEGREE STUDENTS IN THE SUBJECT NUMERICAL METHODS	9909
<i>F. Sánchez Lasheras, M.J. Fernández Gutiérrez</i>	
ADVISORY BOARDS AND THEIR KEY ROLE IN HIGHER EDUCATION: A REVIEW	9915
<i>M. Vila Bonilla, H. Torrez Meruvia, S. Cruz Almanchel</i>	
SPECIALIZED TRAINING FOR THE SOIL AND WATER BIOENGINEERING SECTOR IN THE MEDITERRANEAN ENVIRONMENT. ECOMED PROJECT	9916
<i>J.L. García, M. Gimenez, P. Sangalli, G. Tardío</i>	
STUDENT AND INSTRUCTOR PERSPECTIVES ON A CO-ASSESSMENT-BASED APPROACH TO MANAGEMENT EDUCATION	9921
<i>M. Vila Bonilla, H. Torrez Meruvia, S. Cruz Almanchel</i>	
IMPROVING DIGITAL LITERACY IN PRIMARY EDUCATION	9922
<i>R. Tammaro, I.S. Iannotta, C. Ferrantino</i>	

BRINGING RESEARCH TO THE FORE. LESSONS FROM DEVELOPING A GREATER RESEARCH CULTURE IN A STEM DEPARTMENT WITHIN A TEACHING-FOCUSED UNIVERSITY	9928
<i>H. Shah, I. McDonald, M. Reed, S. Buckmaster</i>	
EHEALTH EUROCAMPUS: AN INNOVATIVE EDUCATIONAL FRAMEWORK TO TRAIN QUALIFIED PROFESSIONALS IN THE EMERGING EHEALTH SECTOR	9938
<i>Y. Gonzalez-Cid, C. Guerrero, J. Lobo, A. Tarbal, R. Picking, N. Castell, S. Abdelaziz, B. Voegel, X. Tous, C. Pattichis, B. Rigaud</i>	
THE CONTRIBUTION OF THE PSYCHOMOTOR DOMAIN TO THE LEARNING OF READING AND WRITING	9948
<i>C. Ribeiro, A.P. Couceiro-Figueira, J. Santos, A.C. Ferreira de Almeida, S. Campos</i>	
TEACHING PHYSICS THROUGH CODING	9954
<i>S. Arabasi</i>	
THE POTENTIAL IMPACT OF MASSIVE OPEN ONLINE COURSES ON TECHNOLOGY EDUCATION AND GLOBALIZATION	9959
<i>P. Chin</i>	
COMPMATH 2018 - THE SEVENTH STUDENT OLYMPIAD IN COMPUTER MATHEMATICS	9964
<i>S. Kapralov, S. Bouyuklieva, P. Kopanov</i>	
IS SUSTAINABLE ENTREPRENEURSHIP A LEARNING COMPETENCE?: VISION FROM HIGH EDUCATION ORGANIZATION	9971
<i>C. Aviles, A. Rodriguez-Olalla, J. Garcia-Alfonso, A. Chinchilla, M. Gimenez</i>	
CRITICAL THINKING IN THE PROGRAM OF MORAL EDUCATION IN SLOVAKIA	9972
<i>J. Kalisky</i>	
THE IMPORTANCE OF EMOTIONAL COMPETENCIES IN THE LEADERSHIP OF THE SCHOOL	9979
<i>C. Ribeiro, S. Campos, M.L. Coelho, A.P. Couceiro-Figueira, A.C. Ferreira de Almeida</i>	
STUDENT TEACHERS' PERSPECTIVE ON EMOTIONS AND RELATIONSHIPS IN EDUCATION – CROATIAN CONTEXT	9983
<i>S. Simel Pranjic</i>	
A CONCEPTUAL EXERCISE TO ENHANCE STUDENT UNDERSTANDING IN PHYSICS: A CASE STUDY IN INTRODUCTORY PHYSICS	9993
<i>H. Al-Taani</i>	
LIVE LECTURE SCREENCAST RECORDING: A PROPOSAL TO SIMPLIFY THE TASKS ASSOCIATED WITH CONTENT PRODUCTION FOR VIDEO-TEACHING	9997
<i>J.M. Vargas, C. de Trazegnies, E. Liger, I. Alados, J.M. Peula, J.C. Sanchez, M. Gomez, D. Camacho</i>	
INCREASING STUDENT ENGAGEMENT VIA A TECH BAN IN THE CLASSROOM	10005
<i>G. Amor</i>	
HOW TO EXPAND THE SCOPE OF YOUR LECTURE USING KAHOOT? CONTEXTUALIZING ECONOMIC TERMINOLOGY IN THE SUBJECT OF MACROECONOMICS	10006
<i>P.J. Moreno, A. Andrades, M.A. Martínez, M.M. Muñoz Leonisio, S. Ruiz, M.R. Marín, J. Ruiz Chico</i>	
ASSESSING A B-LEARNING TEACHING APPROACH AND STUDENTS' LEARNING PREFERENCES IN HIGHER EDUCATION	10007
<i>T. Cardoso, F. Pestana, J. Pina</i>	
THE CHALLENGES OF HIGHER EDUCATION IN LATIN AMERICA TOWARDS THE KNOWLEDGE ECONOMY	10013
<i>A. Franco-Crespo, V. Ramos, F. Herrera, H. Chávez</i>	
FACILITATING EN/COUNTERS WITH RACISM AND ABLEISM THROUGH TECHNICAL ASSISTANCE IN PUBLIC SCHOOLS	10023
<i>K. Thorius</i>	
REFRESHING POPULAR SCIENCE THROUGH MOLECULAR CUISINE	10024
<i>M. García-Teneche, J.M. Fernández Novell</i>	
INTERRELATION BETWEEN THE UNIVERSITY'S SOCIAL RESPONSIBILITY AND SUSTAINABILITY	10030
<i>O.A. Burukina, N. Lyasnikov, M. Dudin, E. Frolova</i>	
UNIVERSITY GOODWILL AND ITS VALUATION	10040
<i>O.A. Burukina, N. Lyasnikov, M. Dudin, E. Frolova</i>	
MARKETING TRENDS IN HIGHER EDUCATION: UNIVERSITIES' TOOLBOX	10050
<i>S. Karpova, O.A. Burukina</i>	

UNIVERSITIES' INTERNATIONALIZATION MANAGEMENT: STATE-OF-THE-ART IN ATTRACTING FOREIGN STUDENTS <i>O.A. Burukina, S.V., Karpova, A.N. Lebedev, N.S. Sarahanova</i>	10052
THE EFFECTIVENESS OF USING TECHNOLOGY ON STUDENTS' CONFIDENCE IN MATHEMATICS <i>B. Awaji, V. Lally, R. Mancy</i>	10053
TOWARD THE PERTINENCE OF OUR TEACHING PRACTICE IN GEOMETRY ACCORDING TO NEW MATH REVOLUTION <i>L. Sbitneva, N. Moreno-Martínez, R. Angulo-Villanueva</i>	10057
AXIOLOGY OF TOURISM AS A BASIS OF PROFESSIONAL EDUCATION FOR TOURISM INDUSTRY <i>O.A. Burukina, G.N. Kutepova</i>	10065
AXIOLOGICAL HORIZONS OF CONTEMPORARY HIGHER EDUCATION <i>O.A. Burukina, G.N. Kutepova, A.N. Lebedev, V. N. Subbotin</i>	10067
PEDAGOGICAL ETHICS FOR THE FORMATION OF HAPPY STUDENTS <i>T. Koshmanova, T. Ravchyna</i>	10068
21ST CENTURY TRANSMEDIA STORYTELLING: EXPERIENCING NARRATIVE TRANSPORTATION <i>L.F. Dal Pian, M.C. Dal Pian, M. Dal Pian</i>	10073
EDUCATING ON CIRCULAR ECONOMY AND DIY MATERIALS: HOW TO INTRODUCE THESE CONCEPTS IN PRIMARY SCHOOL STUDENTS? <i>J. Alarcón, M. Palma, L. Navarrete, G. Hernández, A. Llorens</i>	10083
THE REFORM OF HIGHER EDUCATION POLICY WITHIN THE FRAMEWORK OF POST-NEOLIBERAL GOVERNMENTS. THE ECUADORIAN CASE: A COMPLEX RELATIONSHIP BETWEEN THE ACADEMIC COMMUNITY AND THE GOVERNMENT <i>F. Herrera, V. Ramos, A. Franco-Crespo</i>	10089
WRITING TO LEARN: FROM STORIES WRITTEN BY CHILDREN TO MATHEMATICAL CONTENTS <i>H. Campos, S. Oliveira</i>	10098
POETIC MATHEMATICS - A PROPOSAL FOR LEARNING MATHEMATICS <i>H. Campos, D. Saraiva</i>	10108
TO EMBED OR NOT TO EMBED UNDERGRADUATE ACADEMIC WRITING SKILLS - THAT IS THE QUESTION: AN INTRADISCIPLINARY APPROACH <i>S. McCotter</i>	10116
A MIND MAP: THE TOOL OF COGNITION <i>A. Kireeva</i>	10121
INFORMATION AND COMMUNICATION TECHNOLOGIES PRACTICES AND ENVIRONMENT ACCORDING TO UNDERGRADUATE STUDENTS VOICES AT UNIVERSIDAD IBEROAMERICANA, MEXICO CITY <i>A. Rivera-Aguilera, M.C. Herrera-Solís, S. Carrillo Moreno</i>	10126
TUTORING EXPERIENCE IN AN INFORMATION LITERACY ONLINE COURSE FOR TEACHERS AT BIBLIOTECA FRANCISCO XAVIER CLAVIGERO, IBERO MÉXICO <i>A. Rivera-Aguilera, G. Vergara-Mendoza</i>	10133
COLLABORATING WITH DELAY - A DESIGN EFFORT DEALING WITH LATENCY AND JITTER IN A REALTIME COLLABORATIVE SYSTEM <i>S. Nilsson</i>	10134
DESIGN BASED-LEARNING: RETHINKING INTERACTION BETWEEN TEACHING AND LEARNING IN THE RURAL PRIMARY EDUCATION CONTEXT <i>J. Alarcón, G. Hernández, M. Palma, L. Navarrete, A. Llorens</i>	10139
DEVELOPMENT OF AN INTELLIGENT TUTORING SYSTEM OF GENERALIZED SUPPORT FOR DIFFERENTIATED LEARNING <i>A.L. Franzoni Velázquez, J. Navarro Perales, F. Cervantes Pérez</i>	10145
A CASE STUDY IN STEM EDUCATION FOR LEARNERS WITH SPECIAL EDUCATION NEEDS <i>I. Ghergulescu, A.N. Moldovan, M. Bratu, C.H. Muntean, G.M. Muntean</i>	10152
ASSESSING LINGUISTIC PERFORMANCE OF CHILDREN ACQUIRING SECOND LANGUAGE (LATVIAN) IN PRESCHOOL EDUCATION <i>I. Tomme-Jukēvica</i>	10158
TEACHING FOR A SUSTAINABLE AWARENESS, CASE STUDY <i>A. Llorens, J. Alarcón, C. Di Bartolo</i>	10159

EDUCATE IN SPACES DESIGNED TO LEARN: PRIMARY EDUCATION CASE	10166
<i>A. Llorens, J. Alarcón, C. Di Bartolo</i>	
"I WISH I'D KNOWN THAT BEFORE I STARTED!" A PROPOSED MODEL FOR CAPTURING AND SHARING EXPERIENCES TO SUPPORT STUDENT ENGAGEMENT, WELLBEING AND RETENTION THROUGHOUT THE FIRST YEAR AND BEYOND	10172
<i>H. Williams</i>	
BIG ACADEMIC OPEN COURSE BASE ON CLOUD COMPUTING	10173
<i>H. Pablo Leyoa, R.B. Silva-López, I.I. Méndez Gurrola</i>	
PERCEPTION OF THE STUDENTS OF THE BAOC MODALITY: NUMERICAL METHODS IN ENGINEERING COURSE	10179
<i>H. Pablo Leyoa, R.B. Silva-López, I.I. Méndez Gurrola</i>	
POSSIBILITIES OF MOBILE LEARNING IN RURAL CONTEXTS	10184
<i>J. Zambrano, T. Orrego, E. Ramirez</i>	
ICT-SUPPORTED EFL INSTRUCTION IN ACADEMIC WRITING FOR RESEARCH IN EDUCATION	10194
<i>R. Castillo</i>	
DESIGN THINKING IN PROGRAMMING LABS	10201
<i>M. Djordjevic</i>	
ALL THE FUN AT THE FAIR: THE ONLINE CAROUSEL - 200 POSTGRADUATE STUDENTS IN 10 MONTHS: A LEADERSHIP PERSPECTIVE	10202
<i>S. McCotter</i>	
USING SERVICE DESIGN IN TEACHING AND LEARNING SUPPORT SERVICES DEVELOPMENT: CASE TEACHING SERVICE POINT AND STUDENT ANALYTICS DASHBOARD	10209
<i>M. Torkkeli, J. Lallimo</i>	
HISTORICAL ARCHITECTURE IN SEISMIC AREAS: MULTILEVEL APPROACH FOR VULNERABILITY ASSESSMENT	10215
<i>F. Maroldi, M. Colombo, F. Dell'arciprete, F. Vanerio</i>	
REUSE DESIGN IN HISTORICAL CONTEXT: THE HUTONG AREAS IN BEIJING	10226
<i>F. Maroldi, M. Lunati, M. Moretti, G. Pelucchi</i>	
ASSESSMENT OF THE CURRENT SITUATION OF STEAM NON-FORMAL EDUCATION AND FUTURE NEEDS: THE CONTEXT OF THE OPINIONS OF STUDENTS ATTENDING THE 5TH-10TH FORMS	10236
<i>R. Bilbokaitė, V. Šlekienė, I. Bilbokaitė-Skiauterienė</i>	
MATH TEACHER'S VIEW ON INTEGRATING COMPUTERS IN THE CLASSROOM	10244
<i>E. Wasserman, E. Berger</i>	
IN PURSUIT OF EXCEPTIONAL QUALITY OF STUDIES: THE ASPECT OF PERFECTION OF MASTER'S STUDY PROGRAMMES	10249
<i>R. Bilbokaitė, I. Bilbokaitė-Skiauterienė</i>	
DEVELOPMENT OF DIGICULTURE EDUCATIONAL PROGRAM FOR DIGITAL SKILLS TRAINING FOR ADULTS IN CREATIVE INDUSTRIES	10255
<i>D. Andone</i>	
THE SIMS: A STUDY OF MACHINIMA'S PRODUCTIONS WITHIN EDUCATIONAL USE	10256
<i>K. Schiavon</i>	
ASSESSING STUDENTS' DIGITAL LITERACY WITH INTERACTIVE COMPUTER-BASED TASKS CREATED IN GOOGLE APPS SCRIPT	10265
<i>L. Siiman, M. Mäeots</i>	
SOME ACCESSIBILITY PROBLEMS OF EDUCATIONAL TECHNOLOGIES FOR PEOPLE WITH DISABILITIES	10272
<i>G. Bogdanova, S. Kapralov, N. Sabev</i>	
SELF-EDUCATION ON THE WEB: STUDY ON RELATIONS AMONG NON-FORMAL ONLINE LEARNING, VALUE OF EDUCATION AND PROFESSIONAL ORIENTATION	10279
<i>J. Pospíšil, H. Pospíšilová, L. Trochtová</i>	
USING A MULTI-STAKEHOLDER SCENARIO TO IMPROVE THE INTEGRATION OF SUSTAINABILITY INTO AN ENGINEERING DESIGN COURSE	10287
<i>S. Motavaas</i>	
DYNAMIC SCAFFOLDING, ASSESSMENT, AND GAMIFICATION USING UNICORDERNOTEBOOK™	10292
<i>T. Iliev</i>	

WHAT DO STUDENTS' FLIPPED LEARNING EXPERIENCES ADVISE FOR FLIPPED TEACHING? FINDINGS OF A CASE STUDY AND IMPLICATIONS FOR FLIPPED TEACHING <i>M. Engel</i>	10293
DIFFICULTIES IN LEARNING THERMODYNAMICS, THAT HAVE THEIR ORIGIN IN THE SUBJECT MATTER <i>H. Aguilar, M. Del Moral, M. Jurado, P. Medina-Mora, G. Muñoz, F. Núñez, C. Pérez</i>	10301
WORK-INTEGRATED LEARNING IN AGRICULTURAL MANAGEMENT EDUCATION IN SOUTH AFRICA: AN ESSENTIAL COMPONENT FOR WORK-READINESS AND EMPLOYABILITY IN THE AGRICULTURAL VALUE CHAIN <i>J. Jordaan</i>	10306
EFFECTS IN SELF-PERCEPTION AND RELATIONSHIPS AFTER A BRIEF EXPERIENCE OF ROLE-PLAYING GAME WITH 7TH GRADE STUDENTS <i>A. Sousinha, A.C. Ferreira de Almeida</i>	10307
THE IMPACT OF LEARNING SCENARIOS AND DIGITAL EDUCATIONAL CONTENT IN TEACHING CHEMISTRY AT INCLUSIVE SCHOOL IN CROATIA <i>Z. Stančić, K. Matejčić</i>	10315
ETHICAL AND MORAL ASPECTS OF THE COMMUNIST EDUCATION AND THEIR REFLECTION IN THE HISTORY ROMANIAN <i>C. Alexandrache</i>	10324
IMPROVING ONLINE COURSE DESIGN USING QUALITY MATTERS STANDARDS <i>A. Chekour</i>	10331
APPLICATION OF BLOOM'S TAXONOMY IN DEVELOPING GAMIFICATION MECHANISMS AND DYNAMICS FOR CASES BASED LEARNING IN MEDICAL EDUCATION <i>A. Nagarajan, A. Sen</i>	10332
BUILDING A BETTER WORLD FOR ALL CHILDREN: TOOLKIT FOR SOCIAL INCLUSION OF MIGRANT OR REFUGEE STUDENTS IN SCHOOLS - OUTPUT OF THE INTERNATIONAL PROJECT "LEND A HAND" <i>A.C. Ferreira de Almeida, C. Ribeiro, A.P. Couceiro-Figueira, A. Di Fabio, E. Er, L. Palazzeschi, F. Şahin, K. Yenel</i>	10339
INCLUSIVE DESIGN AS THE CENTER OF THE LEARNING PROCESS <i>P. Fuentes-Durá, M. Puyuelo Cazorla, M. Val Fiel</i>	10347
EXPLORING THE USES OF BLOGS AND WIKIS AS TEACHING AND LEARNING TOOLS IN MATHEMATICS: FINDINGS AND IMPLICATIONS <i>R. Zein</i>	10356
IMPLICATION AND APPLICATION OF CLOUD COMPUTING IN THE SAUDI HIGHER EDUCATIONAL SECTOR <i>E. Chikhaoui</i>	10364
THE FAILURE STRATEGY OF LEARNING IN ACCOUNTING, FINANCE AND LAW <i>R. Abreu, L. Segura, J. Legcevic</i>	10370
DIGITAL LITERACY: ASSESSING PERCEIVED DIFFERENCES AMONG COMPUTING STUDENTS FROM TWO NEARBY UNIVERSITIES <i>L.J. Calloway, J. Walker, S. O'Callaghan, M. Binbasioğlu, C. Dwyer, R. Elson</i>	10378
EFFECTIVE USE OF INTERACTIVE VIDEOS AS AN EDUCATIONAL TOOL IN HIGHER EDUCATION – AN ASIAN CONTEXT <i>E. Tan Ti-Shen, A. Sen</i>	10379
INTERSUBJECTIVITY IN RESEARCH ON THE EXAMPLE OF FORENSIC SCIENCES METHODS <i>M. Nawrocka, M. Buszkiewicz</i>	10386
TEACHING METHODS OUTSIDE THE CLASSROOM: STUDENT'S EXPERIENCE <i>M.V. Biezma, P. Linhardt, C. Berlanga</i>	10391
THE CHALLENGES OF TEACHING FOREIGN POST-GRADUATES IN RUSSIAN UNIVERSITIES <i>M. Kunovski, M. Bragina, G. Myers</i>	10396
MODEL OF INTERETHNIC INTERACTION: THE STRUCTURE AND CONTENT IN CASE OF AN INTERNATIONALLY ORIENTED UNIVERSITY <i>N. Pomortseva, M. Kunovski</i>	10401
DESIGN OF RESOURCES FOR AN INFORMAL LEARNING <i>M. Puyuelo Cazorla, P. Fuentes-Durá, J.L. Higón Calvoet</i>	10406
TEACHING CALCULUS OF COMPLEX VARIABLES WITH MATHEMATICA <i>R.D. Santiago-Acosta, E.M. Hernández Cooper</i>	10412

«MOTHER'S SCHOOL» AS THE FORM OF PREPARE PARENTS OF INFANT CHILDREN FOR KINDERGARTEN	10419
<i>M. Zaboeva, N. Andreeva</i>	
COMPUTERIZED VISUALIZATION AS A PROMOTOR OF COGNITIVE AND LINGUISTIC DEVELOPMENT: WHAT CAN WE LEARN FROM THE CASE OF A DEAF BOY	10423
<i>P. Miller</i>	
MECHANISM FOR DEVELOPING SCIENTIFIC CONCEPTS	10424
<i>A.E. Barbosa de Oliveira Baptista, R.F. Lourenço Rodrigues</i>	
PERSONALIZATION OF E-LEARNING BY USING OF LEARNING PROCESSES WITH BRANCHING	10432
<i>D. Domazet, N. Gavrilović</i>	
"BAXTER" INDUSTRIAL ROBOT ONLINE CONTROL	10443
<i>Y. Yordanov, O. Nakov, V. Mladenov</i>	
EDUCATING CITIZENS FOR IMPLEMENTING THE STRATEGY OF CORPORATE SOCIAL RESPONSIBILITY FOR SUSTAINABLE REGIONAL DEVELOPMENT: THE CASE STUDY	10449
<i>V. Jarmusevica, D. Ilisko, J. Badjanova, V. Jukšs, M. Petrova</i>	
EFFECTS OF TIME MANAGEMENT ON THE PASS RATE OF UNDERGRADUATE AND POSTGRADUATE OFFICE MANAGEMENT AND TECHNOLOGY STUDENTS	10455
<i>K. Ngwane, A. Sikhakhane</i>	
INVESTIGATING ACADEMIC STAFF TURNOVER AND ITS IMPACT AT COASTAL KZN TVET COLLEGE	10461
<i>K. Ngwane, S. Khanyase, L. Gumbi</i>	
COMPUTER-MEDIATED INTERVENTION: CAN COGNITIVE FLEXIBILITY OF AUTISTIC CHILDREN BE IMPROVED?	10466
<i>S. Eden</i>	
BUILDING AND PROGRAMING ROBOTS – A GROUP ACTIVITY FOR ENHANCED LEARNING OF UNDERGRADUATE GENERAL PHYSICS	10470
<i>N. Seetala, J. Jno-Baptiste</i>	
TEACHER EDUCATORS: FACILITATING TRANSFER OF TRAINING	10485
<i>L. McDonald</i>	
DESIGNING AN ETHICS COURSE IN A BOLOGNA ENGINEERING MASTER	10497
<i>J. Figueiredo</i>	
ADAPTING MOODLE RESOURCES FOR DEVELOPING EFFICIENT READING SKILLS IN ENGLISH AS A FOREIGN LANGUAGE CONTEXT	10504
<i>A. Makhmutova</i>	
THE RENAISSANCE OF THE RUSSIAN EDUCATION STRATEGY IN THE MIDDLE EAST	10514
<i>A. Kilani, N. Durgham, A. Malakhovsky</i>	
NARRATIVE COMPETENCE IN PRETENSE PLAY AND STORIES	10518
<i>R. Glaubman, H. Glaubman</i>	
THE UP2 UNIVERSITY PROJECT AT PHYSISCOPE	10519
<i>S. Lariccia, M. Boselli, E. Bocchi</i>	
DEVELOPING A FRAMEWORK FOR EDUCATORS' DATA LITERACY IN THE EUROPEAN CONTEXT: PROPOSAL, IMPLICATIONS AND DEBATE	10520
<i>J.E. Raffaghelli</i>	
THE PROBLEMS OF DISTANCE LEARNING EDUCATION WHILE TEACHING FOREIGN LANGUAGES AT THE NON-LINGUISTIC HIGHER SCHOOL	10531
<i>O. Digtyar, N. Fomina, O. Anyushenkova, L. Esina, E. Zakirova</i>	
ENHANCING SCIENCE LEARNING THROUGH ART: HIGHLIGHTING NEW COMMONALITIES FOR STEAM	10536
<i>M.A. Vázquez-Manassero, M.A. Manassero-Mas, A. Vazquez-Alonso</i>	
IMPROVING THE STUDENTS' SELF-EFFICACY BELIEFS TOWARD LEARNING SCIENCE THROUGH A FLIPPED TEACHING MODEL	10544
<i>J.S. Jeong, D. González-Gómez</i>	
HAPPY STUDENTS, HAPPY LEARNERS	10549
<i>A. Bhargava</i>	
MULTIPLE INTELLIGENCES, MULTIPLE EFFECTS: A COLIMA CASE STUDY	10550
<i>Y. Nepomuceno Olea, M. Rubio Chiu, P.J. Mayoral Valdivia</i>	

HIGHER SCHOOL CURRICULUM AS A STARTING POINT IN ACQUIRING COMPETENCE IN WORKING WITH GIFTED CHILDREN AND PUPILS <i>V. Valjan Vukić</i>	10554
PARENTS' SUPPORT IN PARTICIPATING IN ORGANIZED LEISURE TIME ACTIVITIES <i>V. Valjan Vukić</i>	10559
THE EFFECT OF TEACHING PROSODIC STRESS PATTERNS ON LISTENING COMPREHENSION OF ADULT EFL LEARNERS <i>M. Joze Tajareh</i>	10566
ACCESSING RELIABLE INFORMATION: AN INFORMATION PORTAL ON ARCHIVAL RECORDS FOR TRAINING BA STUDENTS IN ARCHIVAL AND DOCUMENTARY STUDIES SPECIALTY <i>H. Atanasov</i>	10572
EDUCATION OF CHILDREN WITH PROFOUND AND MULTIPLE INTELLECTUAL DISABILITIES AND THE REQUIREMENTS TOWARDS SPECIAL EDUCATION TEACHERS IN POLAND <i>D. Aksamit</i>	10580
A STUDY TO INVESTIGATE THE EFFECT OF PROBLEM BASED LEARNING AND HISTORY OF SCIENCE APPROACH ON CREATIVE THINKING OF TURKISH PRESERVICE SCIENCE TEACHERS <i>N. Dogan, A. Vázquez-Alonso, M. Manassero-Mas</i>	10588
TRANSLANGUAGING IN THE CULTURALLY DIVERSE CLASSROOMS OF A SOUTH AFRICAN SCHOOL: TOWARDS IMPROVING ACADEMIC SUCCESS AND LITERACY COMPETENCIES, A PARADIGM SHIFT TO TRANSLINGUALISM? <i>M. Kepe, A.M. Linake</i>	10589
GOING PRO IN FINNISH - MAKING PROFESSIONAL FINNISH DIGITALLY AVAILABLE FOR ADVANCED ACADEMIC LEARNERS <i>T. Möttönen, J. Piirainen</i>	10602
THE INFLUENCE OF USABILITY ATTRIBUTES ON STUDENTS' USE OF LEARNING MANAGEMENT SYSTEMS: A THEORETICAL FRAMEWORK <i>S. Binyamin, M. Rutter, S. Smith, A. Alshehri</i>	10608
'A CUSTOMER COMES WITH A PROBLEM...' A PRACTICAL APPROACH TO PROJECT CLASSES <i>A. Ryfa</i>	10620
IMPACT OF BUSINESS ENVIRONMENT INSTITUTIONS ON EFFECTIVE ENTREPRENEURIAL EDUCATION <i>Z. Gródek-Szostak, L. Ochoa Siguencia, D. Kajrunajtys</i>	10625
THE POSTER AS A FORM OF ACTIVE PARTICIPATION OF STUDENTS IN THE SCIENTIFIC MOVEMENT <i>Z. Gródek-Szostak</i>	10630
TECHNOLOGY INTEGRATION IN TVET COLLEGES IN A SEMI-URBAN AREA <i>R. Naidoo, T. Dawuwa</i>	10634
USING A WHATSAPP MODEL TO SUPPORT QUALITY ASSURANCE SUBJECT LEARNERS IN AN ENGINEERING DEPARTMENT AT AN OPEN DISTANCE UNIVERSITY <i>R. Naidoo, K. Ramdass</i>	10642
AN ESP APPROACH TO TEACHING NURSING NOTE WRITING TO UNIVERSITY NURSING STUDENTS <i>H.C. Tai</i>	10643
THE INTRODUCTION OF APPROACHES OF EXTREME PEDAGOGY INTO THE PROFESSIONAL IDENTITY BUILDING OF A TEACHER IN A HIGHER EDUCATIONAL ESTABLISHMENT <i>A. Kirillova, E. Gnatyshina, N. Uvarina, A. Savchenkov, N. Pakhtusova, A. Kirillov</i>	10644
ANNIHILATION OF CASTE SYSTEM IS A MUST TO MAKE INDIA STRONG AND SECULAR <i>S. Sharma</i>	10648
THE E-LEARNING REVOLUTION - PERSONALIZED LEARNING PATHS ON NEO LMS <i>J. Rufo</i>	10653
VIDEO PUBLISHING: THE LONG-OVERDUE MODERNIZATION OF SCIENTIFIC RESEARCH AND EDUCATION <i>T. Franco Toledo</i>	10654

THE GROWING ROLE OF TECHNOLOGY IN DEVELOPING STUDENT WRITING SKILLS <i>C. Banks</i>	10659
UNFOLDING DEEPER LEARNING: DESIGNING EDUCATION FOR TOMORROW (AND TODAY) <i>W. Rankin</i>	10660
EDUCATION: A MANIFESTO FOR CHANGE <i>R. Gerver</i>	10661
SAUDI STUDENTS' ATTITUDE TOWARD USING SOCIAL MEDIA TECHNOLOGIES AS A SUPPORTIVE TOOL IN ENGLISH LANGUAGE LEARNING <i>S. Alqarni, V. Lally, M. Houston</i>	10662
EDUCATION OF CHILDREN IN THE CONTEXT OF ECONOMIC SOCIALIZATION <i>S. Lemrová, J. Kvintová</i>	10668