# Table of Contents

**USING A ROLE-PLAY SIMULATION TO PROMOTE STUDENT REFLECTION ON ORAL COMMUNICATION IN FORMAL MEETINGS**
C. Ireland

**NEBULA, A GAMIFICATION FRAMEWORK FOR A HIGH-QUALITY ONLINE LEARNING EXPERIENCE**

**LEADING WITH INFLUENCE: ENABLING LECTURERS TO BE KEY AGENTS IN THEIR OWN CONTINUING PROFESSIONAL DEVELOPMENT**
G. Grimes, M. Noctor, F. Boyle

**BENEFITS OF INCLUSION FOR ALL STUDENTS FROM THE PERSPECTIVE OF LEARNING SUPPORT TEACHERS AND SCHOOL TEACHERS**
D. Drandić

**SUBJECTIVE WELL-BEING IN SCHOOLS FROM THE PERSPECTIVE OF NOVICE TEACHERS**
A. Grinfelde, I. Vanaga, L. Paula

**THE IMPACT OF GROUP COLLABORATION ON STUDENTS’ CHINESE VOCABULARY LEARNING**
L.C. Wang, E.T.C. Lam, S. Zhao

**BLENDED LEARNING ACTIVITIES IN A SECONDARY EDUCATION MAKERSPACE: DEVELOPING ARDUINO LABORATORY INSTRUMENTS**
N. Papadimitropoulos

**TEACHING WITH TECHNOLOGY TREES – GAME-BASED LEARNING FOR HISTORY EDUCATION**
A. Hellerstedt, P. Mozelius

**PROMOTING SPANISH LANGUAGE LEARNING THROUGH LEARNING CIRCLES IN EARLY CHILDHOOD EDUCATION IN USA**
J. Hernandez, A. Gupta

**AN EXAMPLE ON EDUCATIONAL TOOLS TO OVERCOME PANDEMIC CONDITIONS IN AN INTERNATIONAL MSC**
G. Ibarra-Berastegi, A. Ulazia, J. Saénz, P. Serras, G. Esnaola

**VOCAL TECHNIQUE IN PHYSIOTHERAPY? EXPECTATIONS OF USE FROM THE PERCEPTION OF THE PHYSIOTHERAPIST IN TRAINING**
M.M. Bernabé Villodre, M. Aguilar-Rodríguez, M. Zarzoso-Muñoz, V. Martínez-Bello, P. Serra-Añó

**TRAINING IN VOCAL TECHNIQUE FOR RESPIRATORY PHYSIOTHERAPY: TRAINING EXPERIENCE IN THE PHYSIOTHERAPY DEGREE**
M.M. Bernabé Villodre, M. Aguilar-Rodríguez, P. Serra-Añó, V. Martínez-Bello, M. Zarzoso-Muñoz

**WHERE HAVE ALL THE YOUNG GIRLS GONE? TEACHING AND LEARNING A DIVERSE GRAPHIC DESIGN HISTORY**
L. Bollini

**ENHANCING INDUSTRIAL DESIGN EDUCATION: A METHODOLOGY FOR TEACHING SCALE MODEL CONSTRUCTION SKILLS**
F. Felip-Miralles

**CAN INDUSTRY COLLABORATION STRENGTHEN CONNECTEDNESS IN HIGHER EDUCATION? A CASE STUDY ON A HIGHER EDUCATION PROVIDER AND WHETHER OPPORTUNITIES ARE PROVIDED BY INDUSTRY CLUSTERS**
D. Doran

**TEACHING STEM SUBJECTS WITH INSTRUCTIONAL SIMULATIONS**
M. Shadaram

**DEVELOPING A CENTRE FOR INNOVATION IN HIGHER EDUCATION AND A PEDAGOGIC RESEARCH COMMUNITY OF PRACTICE**
M. Warnes, S. Pratt-Adams

**EXCLUSIONARY DISCIPLINE IN ITALIAN PROFESSIONAL SECONDARY SCHOOLS: THE WHAT AND THE WHY. HOW THE AMERICAN ZERO TOLERANCE PARADIGM FITS THE ITALIAN CASE**
C. Donattini

**INSIGHTS OF THE STUDENTS WELL-BEING IN HIGHER EDUCATION (THE CASE OF GEORGIA)**
M. Tsereteli, I. Aaptarashvili
SUSTAINABILITY, THE BUSINESS CURRICULUM, AND GLOBAL CITIZENSHIP
V.P. Goby

AN EXPLORATION OF THE PEER DEBRIEFER ROLE: "A WALK IN THE PARK WITH POLLY"
S. Smith, E. Hill

EDUCATION OF CYBER SECURITY MANAGERS IN THE SLOVAK REPUBLIC
K. Kampová, M. Madleňák, I. Dolnáková

NEW TECHNOLOGIES AND THE POSSIBILITIES OF THEIR INVOLVEMENT IN THE TEACHING PROCESS AT UNIVERSITIES IN ORDER TO BRING REAL EXPERIENCES TO STUDENTS
K. Kampová, M. Madleňák

SUPPORTING STUDENTS WITH RESITS AND INTERRUPTION: CHALLENGES FOR STUDENT ENGAGEMENT
K. Lander, C. Hunter

"PCT": AN ONLINE CROWDSOURCING-BASED APPLICATION FOR PROMOTING CULTURAL TOURISM BY EXPLOITING SOCIAL CHOICE THEORY AND INFOVIS
P. Antoniou, E. Papaioannou, N. Karamikolas, G. Moisiadis, C. Kaklananis

TRIPY: A PROGRESSIVE WEB APPLICATION FOR ASSISTING TRAVELLING IN GREECE
S. Tassis, E. Papaioannou, G. Moisiadis, C. Kaklananis

AI AGENT FOR ELEARNING SUCCESS
F. Chacon

THE INCLUSIVE SUBJECT IMPROVES INVOLVEMENT AND PERFORMANCE: EXPERIENCE IN THE SUBJECT OF STATISTICS
N. Aquino-Llinares, M.P. Moreno-Navarro

ENTREPRENEURIAL PATH: FROM THE CLASSROOMS TO THE CREATION OF COMPANIES
M.D. La Rubia, D. Eliche-Quesada, C.R. Reategui, J.D. Aguilar-Peña, C. Rus-Casas

DELIVERING IMPACT AT SCALE AND AT SPEED
P. Hunter

FLEXIBLE AND PERSONALISED PROFESSIONAL DEVELOPMENT FOR NEW ACADEMICS: INSIGHTS FROM AN ONLINE ACADEMIC INDUCTION PROGRAMME
A.R. Md Deni, A. Tumar

SHORTAGE OF CHEMISTRY EDUCATORS AND THE CHALLENGE OF LIFELONG LEARNING: ANALYSIS, CAUSES, AND MEASURES
M. Feszterová, J. Jakubčinová

THE STUDENT PATHWAY TO EMOTIONAL WELL-BEING: THE RELATIONSHIP BETWEEN SCHOOL CLIMATE AND STUDENT’S SENSE OF WELL-BEING
I. Aptarashvili, M. Tsereteli

THE INFLUENCE OF SCHOOL LEADERSHIP ON THE IDENTITY, PERCEPTIONS, AND BELIEFS OF THE SCHOOL COMMUNITY
I. Aptarashvili, T. Kekelidze, L. Kalandadze

WELL-BEING IN HUNGARIAN HIGHER EDUCATION BASED ON THE ‘GNH OF BUSINESS’ LOGIC
A. Bencsik

INTEGRATED SPIRITUAL INTELLIGENCE: IMPACT ON STUDENTS’ WELL-BEING
H. Castro, M.L. Neves

TEACHERS MOTIVATION IN PORTUGAL: STUDY CASE IN A GROUP OF SCHOOLS
S.M. Ferreira Figueiredo, M.L. Neves, A. Amaro

TEACHERS UPSKILLING AS A VITAL ELEMENT OF MODERN EDUCATION IN THE HIGHER EDUCATION SECTOR
D.A. Krawczyk, B. Biernacka

ONLINE PEER-ASSISTED LEARNING PROGRAMME: LESSONS LEARNED AND RECOMMENDATIONS FOR ONLINE IMPLEMENTATION
A. Tumar, A.R. Md Deni

HOW TO DEVELOP A WORKSHOP IN PANDEMIC CONDITIONS UNDER A HYBRID PRISM? THE CASE OF A WORKSHOP ON CIRCULAR ECONOMY AND TOURISM AT THE UIB
M. Jacob, C. Florido, M. Payeras
UNLOCKING DESIGN SOLUTIONS: EXPLORING MULTIDISCIPLINARY COLLABORATION AND STORYTELLING IN INTERIOR ARCHITECTURE AND VISUAL COMMUNICATION DESIGN EDUCATION
G. Corluluoglu, Z. Dagli Curali, M. Aslan, A.F. Karakaya

TEACHING SPELLING AND TALENT MANAGEMENT AT THE INSTITUTE OF HUNGARIAN LINGUISTICS AND LITERARY SCIENCE OF THE FACULTY OF CENTRAL EUROPEAN STUDIES AT CONSTANTINE THE PHILOSOPHER UNIVERSITY IN NITRA
L. Angyal

CYBERSECURITY AWARENESS AMONG LECTURERS AT ZAGREB UNIVERSITY OF APPLIED SCIENCES
N. Kasunic, S. Bracun, M. Paukovic

UPGRADE MATHS PLATFORM: THE DEVELOPMENT OF AN ONLINE SYSTEM FOR SUSTAINABLE LEARNING IN SECONDARY EDUCATION
O. Pishchukhina, K. Ramsden

WHAT DO MEDICAL STUDENTS THINK ABOUT DIGITAL HEALTH EDUCATION AND TRAINING? INTEGRATING DIGITAL HEALTH TEACHING INTO THE MEDICAL CURRICULUM IN AUSTRALIA
S. Edirippulige

ANALYSIS OF MISCONCEPTIONS IN PYTHON PROGRAMS USING CHATGPT
M. Tomcsányiová

EDUCATORS’ PERCEPTIONS OF THEIR DIGITAL COMPETENCE: THE CASE OF THE DIGCOMPEDU CHECKIN TOOL
A. Economou, G. Kapsalis, A. Gkola, E. Papanastasiou

INTEGRATING SUSTAINABLE DEVELOPMENT GOALS IN STATISTICS AND MATH SUBJECTS IN UNIVERSITY TEACHING

UNLEASHING THE POTENTIAL OF THE FLIPPED CLASSROOM: IMPROVING CLASS ATTENDANCE AND FINAL GRADES IN STATISTICS APPLIED TO PUBLIC MANAGEMENT AND ADMINISTRATION
A. Alcacer, I. Epifanio

NEW CHALLENGES IN REHABILITATION: THE USE OF VIRTUAL REALITY PRINCIPLES IN UPPER LIMB THERAPY FOR STROKE PATIENTS
A. Lochmannová, M. Hnátková, K. Novikov, S. Machač, M. Bareš

READING OF TRANSVERSAL BOOKS PROPOSED BY RENOWNED PHYSIOTHERAPISTS IN THE DEGREE IN PHYSIOTHERAPY: EFFECT ON PERCEIVED LEARNING, PROMOTION OF READING AND STUDENTS' SATISFACTION
R. Martín-San Agustín, A. Escriche-Escuder, N. Moreno-Segura, B. Tronchoni-Crespo, C. Lopez-Cubah

TWIG RESEARCH PROJECT: TECHNICAL WRITING INITIATIVE IN GRAPHIC COMMUNICATIONS DISCIPLINE FOR DEVELOPING COMPETENCY-BASED LEARNING OBJECTIVES
C. Blue

USING COMPETENCY BASED EDUCATION IN ONLINE INTRODUCTORY ECONOMICS COURSES
K. Adzima

ANATOMICALLY CORRECT MODELS FOR VISUALLY IMPAIRED LEARNERS: TEACHERS’ CAPACITY
L. Ubisi

EXPLOREING MANAGERIAL PRACTICES FOR SUPPORTING EFFECTIVE E-LEADERSHIP: AN INTERNATIONAL STUDY

VIRTUAL IMMERSIVE SIMULATIONS AND IN-PERSON EXPERIENTIAL OPPORTUNITIES IN PHARMACY EDUCATION FOR SECONDARY AND POST-SECONDARY STUDENTS FROM UNDERREPRESENTED COMMUNITIES
S. Mejia, L. Singh

INTEGRATION TO WORK-LIFE IN THE HOST COUNTRY THROUGH AN INTERNSHIP-MODEL
L. Hongell, S. Fabricius, M. Halmén
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSMEDIATION + PEER COLLABORATION: A STRATEGY TO POSITION...</td>
<td>349</td>
</tr>
<tr>
<td>STUDENTS AS ACTIVE KNOWLEDGE CONSTRUCTORS OF QUALITATIVE...</td>
<td></td>
</tr>
<tr>
<td>INFORMATION</td>
<td></td>
</tr>
<tr>
<td>J. Richards, C. Bebeau, M. Montcrief, A. Green</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTING A DIDACTIC AND INTERACTIVE VALUE BASED CARE MEDICAL...</td>
<td>353</td>
</tr>
<tr>
<td>SCHOOL CURRICULUM</td>
<td></td>
</tr>
<tr>
<td>A. Shateley, T. Anderson, L. Morrison, M. Scott, P. Snow, A. Fernandes, K.J. Carstarphen</td>
<td></td>
</tr>
<tr>
<td>A MIXED METHODS EXPLORATION OF PRIMARY TEACHERS’ LEARNING ABOUT A...</td>
<td>355</td>
</tr>
<tr>
<td>NEW APPROACH TO EARLY LITERACY ASSESSMENT: THE LISTENING TO...</td>
<td></td>
</tr>
<tr>
<td>READING–WATCHING WHILE WRITING PROTOCOL</td>
<td></td>
</tr>
<tr>
<td>A. Ward</td>
<td></td>
</tr>
<tr>
<td>&quot;IT WAS A REALLY HARD TIME AND SUDDENLY IT WAS WONDERFUL&quot; -...</td>
<td>356</td>
</tr>
<tr>
<td>EXPERIENCES OF MOTHERS IN RELOCATION REGARDING THEIR CHILDREN'S...</td>
<td></td>
</tr>
<tr>
<td>EDUCATIONAL INSTITUTIONS</td>
<td></td>
</tr>
<tr>
<td>Y. Barak Levy</td>
<td></td>
</tr>
<tr>
<td>GRAPHIC DESIGN WEEK: A CELEBRATION OF DIVERSITY, COMMUNITY, AND...</td>
<td>357</td>
</tr>
<tr>
<td>INCLUSION</td>
<td></td>
</tr>
<tr>
<td>L. Frear</td>
<td></td>
</tr>
<tr>
<td>TEACHING METHODS DEVELOPING CRITICAL THINKING AND READING IN...</td>
<td>358</td>
</tr>
<tr>
<td>SECONDARY TECHNICAL SCHOOL PUPILS</td>
<td></td>
</tr>
<tr>
<td>D. Vicherková, M. Koldář, V. Murinová, N. Nováková</td>
<td></td>
</tr>
<tr>
<td>FINDING A HOME FOR DATA SCIENCE EDUCATION IN PRESERVICE TEACHER...</td>
<td>368</td>
</tr>
<tr>
<td>PROGRAMS</td>
<td></td>
</tr>
<tr>
<td>J. Mak, J. Rosato, M. Hosten</td>
<td></td>
</tr>
<tr>
<td>PREVALENCE AND PERSISTENCE OF NEUROMYTHS IN EDUCATION</td>
<td>376</td>
</tr>
<tr>
<td>L. Dantusevičiute-Brazaitė</td>
<td></td>
</tr>
<tr>
<td>SOCIAL COMMITMENT TO DISABILITY THROUGH SERVICE LEARNING IN THE...</td>
<td>377</td>
</tr>
<tr>
<td>SUBJECT OF CORPORATE TAXATION</td>
<td></td>
</tr>
<tr>
<td>M.J. Delgado Rodríguez, A. Cabezas Ares, M.C. Rodado Ruiz</td>
<td></td>
</tr>
<tr>
<td>DEVELOPING READING COMPREHENSION SKILLS IN STUDENTS WITH...</td>
<td>382</td>
</tr>
<tr>
<td>LEARNING DISABILITIES</td>
<td></td>
</tr>
<tr>
<td>E. Stranovská, K. Chválová, I. Poušková</td>
<td></td>
</tr>
<tr>
<td>SHAPING READING COMPREHENSION THROUGH WORDPLAY</td>
<td>392</td>
</tr>
<tr>
<td>E. Stranovská, K. Chválová</td>
<td></td>
</tr>
<tr>
<td>THE TRANSPARENCY OF STUDENT-ORIENTED LEARNING ANALYTICS AND ITS...</td>
<td>403</td>
</tr>
<tr>
<td>MOTIVATION POTENTIAL</td>
<td></td>
</tr>
<tr>
<td>M. Dečman, V. Zorko, D. Keržič</td>
<td></td>
</tr>
<tr>
<td>EMPOWERING STUDENT PROJECTS: FOSTERING REFLECTIVE PRACTICES FOR...</td>
<td>410</td>
</tr>
<tr>
<td>ENHANCED TEAMWORK AND INDIVIDUAL LEARNING</td>
<td></td>
</tr>
<tr>
<td>J. Siegeris, A. Pfennig</td>
<td></td>
</tr>
<tr>
<td>GAMIFICATION FOR STUDENTS’ ENGAGEMENT: USE OF KAHOOT IN SOCIAL...</td>
<td>416</td>
</tr>
<tr>
<td>SCIENCE SUBJECTS</td>
<td></td>
</tr>
<tr>
<td>M. Malmierca-Ordoqui</td>
<td></td>
</tr>
<tr>
<td>BUILDING A FOUNDATION FOR THE FUTURE OF US-CHINA RELATIONS</td>
<td>423</td>
</tr>
<tr>
<td>D. Kahn, S. Xiao</td>
<td></td>
</tr>
<tr>
<td>SURVEY OF PREVIOUS KNOWLEDGE OF MATHEMATICS AMONG FIRST YEAR...</td>
<td>424</td>
</tr>
<tr>
<td>UNIVERSITY STUDENTS WITH A TECHNICAL FOCUS</td>
<td></td>
</tr>
<tr>
<td>A. Kaniluková, P. Purcz</td>
<td></td>
</tr>
<tr>
<td>IMPROVEMENT OF LEARNING COMPETENCIES IN FINAL YEAR STUDENTS OF...</td>
<td>429</td>
</tr>
<tr>
<td>BUSINESS ADMINISTRATION AND MANAGEMENT THROUGH THE...</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION OF FLIPPED LECTURES</td>
<td></td>
</tr>
<tr>
<td>J. Infante</td>
<td></td>
</tr>
<tr>
<td>INNOVATIONAL CONVERGENCE EDUCATIONAL MODELS</td>
<td>435</td>
</tr>
<tr>
<td>B. Hill</td>
<td></td>
</tr>
<tr>
<td>THE IMPORTANCE OF DIGITAL COMPETENCIES FOR ENTERING THE LABOUR...</td>
<td>436</td>
</tr>
<tr>
<td>MARKET FROM THE PERSPECTIVE OF HR MANAGERS</td>
<td></td>
</tr>
<tr>
<td>L. Herout</td>
<td></td>
</tr>
<tr>
<td>COMPILATION OF METHODOLOGIES USED TO ENHANCE EDUCATION IN...</td>
<td>442</td>
</tr>
<tr>
<td>ELECTRICAL ENGINEERING</td>
<td></td>
</tr>
<tr>
<td>J. Gonzalez</td>
<td></td>
</tr>
</tbody>
</table>
THE EVOLUTION OF LEARNING ANALYTICS PRACTICE OVER SIX YEARS AT THE OPEN UNIVERSITY, UK: WHAT ARE THE ARRANGEMENTS THAT ENABLE OR CONSTRAIN THIS PRACTICE?
T. Olney, C. Wood
449

TEACHING AND LEARNING CALCULUS WITH CHATGPT: BENEFITS AND LIMITATIONS
J.P. Cruz, M.P. Oliveira, I. Caçao
456

RESEARCH-ORIENTED INSTRUCTION MODEL FOR A BILINGUAL KINDERGARTEN ENVIRONMENT
V. Gabilulikhakov, G. Zakirova
464

MAPPING HUMAN TALENT REQUIREMENTS FOR JERUSALEM'S HI-TECH AND BIO-MEDICAL INDUSTRIES
D. Getz, A. Shoham, E. Shein, S. Tziperfal
472

TEACHING STRATEGIES BASED ON THE USE OF ARTIFICIAL INTELLIGENCE ALGORITHMS - PERSPECTIVES ON THE INITIAL AND CONTINUOUS TRAINING OF TEACHING STAFF
M. Maier, N. Barkoczi
473

A COMPARISON OF STUDENT INTEREST ON THE USE OF GOOGLE DOCS AS WIKIS BETWEEN BEGINNER AND INTERMEDIATE SPANISH LANGUAGE COURSES
B. Glick
482

THE ROLE OF MANAGEMENT ACCOUNTING INDICATORS IN PERFORMANCE ASSESSMENT OF PORTUGUESE HIGHER EDUCATION INSTITUTIONS
483

HIGHER EDUCATION INSTITUTIONS (HEIS) AS LEARNING ORGANIZATIONS: EFFECTS ON INNOVATION STRATEGIES AND INTERNATIONALIZATION
491

ACQUIRING OF DIGITAL COMPETENCE IN THE FIELD OF DATABASE MANAGEMENT USING RASPBERRY PI COMPUTERS AND FREE AND OPEN-SOURCE SOFTWARE
P. Oreški
499

THE ROLE OF DIGITAL MOBILE LEARNING IN IMPROVING END-OF-LIFE EDUCATION FOR PAID CARERS
S. Freeman, A. Greenberry, B. Nicol
509

ENGLISH LANGUAGE TEACHING IN RUSSIA: PAST AND PRESENT
L. Grigoryeva, A. Gilmanova
510

STUDENTS’ ATTITUDES TO THE USE OF ARTIFICIAL INTELLIGENCE
R. Garrote Jurado, T. Pettersson, M. Zwierewicz
514

ALIVA-BAD PROJECT: PROCESSED PACKAGED FOOD COLLECTED IN A DATABASE AS A LEARNING TEACHING RESOURCE IN FOOD AND NUTRITION - COLLABORATIVE PROJECT-BASED LEARNING
520

IMPROVING THE TRANSITION FROM STUDENT TO EMPLOYEE- COULD EPORTFOLIOS BE A USEFUL TERTIARY TEACHING, LEARNING AND ASSESSMENT TOOL TO EVIDENCE WORK INTEGRATED LEARNING AND EMPLOYABILITY SKILLS TO WEST AUSTRALIAN AGRIBUSINESSES?
S. Carter
530

FROM CRISIS TO CONTINUITY: EXAMINING THE TRANSFORMATION OF ONLINE LEARNING HABITS OF UNDERGRADUATE STUDENTS
L. Nikolayeva
541

TOWARDS LEARNING ARCHITECTURAL CONSTRUCTION AND REHABILITATION USING METAVERSE ENVIRONMENTS
C. Cornadó, B. Onecha, J. Morros, O. Pons-Valladares
549

THE USE OF PRACTICAL APPLICATIONS AND KNOWLEDGE EXCHANGE BETWEEN DIFFERENT ENGINEERING DEGREES
X.X. Fernández Sánchez-Romate, R. Rodríguez, M. Orfila, S. García-Rodríguez, J.A. Calles, S. González Prolongo, A. Jiménez-Suárez
557

TRANSVERSAL LEARNING PROCESS TOWARDS THE RESEARCH OF ARCHITECTURE AND ITS SUSTAINABILITY
O. Pons-Valladares, T. Masseck, M. Bosch
558
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>USING INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTS) AS ENABLERS TO TRANSFORMING THE TEACHING AND LEARNING OF ENGLISH</td>
<td>565</td>
</tr>
<tr>
<td>THE INFLUENCE OF UNIVERSITY-INDUSTRY COLLABORATIVE R&amp;I PROJECTS IN GRADUATES’ EMPLOYMENT</td>
<td>571</td>
</tr>
<tr>
<td>THE NETWORK EMBEDDEDNESS AND ABSORPTIVE CAPACITY AS KEY FACTORS IN THE MANAGEMENT PERFORMANCE OF THE INTERNATIONAL PROJECTS</td>
<td>578</td>
</tr>
<tr>
<td>EXTRACURRICULAR ACTIVITIES OF BIOLOGY STUDENTS WITH THE AIM TO PROMOTE BIOLOGY AS A SCIENCE</td>
<td>579</td>
</tr>
<tr>
<td>DISCOVERY LEARNING IN PRIMARY SCHOOL: AN EXAMPLE OF A BIOLOGY LESSON SCENARIO</td>
<td>587</td>
</tr>
<tr>
<td>A LIFELONG LEARNING PERSPECTIVE ON ARTIFICIAL INTELLIGENCE: WHAT DO WE NEED TO KNOW?</td>
<td>595</td>
</tr>
<tr>
<td>HOW CAN THE IMPLEMENTATION OF HERITAGE SKILLS WORKSHOPS HAVE A POSITIVE, SUSTAINABLE IMPACT ON INDIVIDUAL AND COMMUNITY WELLBEING?</td>
<td>603</td>
</tr>
<tr>
<td>REDESIGNING TECHNOLOGY-ENHANCED PROFESSIONAL DEVELOPMENT TO FACILITATE LIFELONG LEARNING</td>
<td>604</td>
</tr>
<tr>
<td>THE HUMAN FACTOR IN THE DIGITAL AGE: 21ST CENTURY SKILLS IN ROMANIA</td>
<td>612</td>
</tr>
<tr>
<td>BEYOND BOUNDARIES: ADVANCED TECHNOLOGIES, A NEW WAY TO RESHAPE HIGHER EDUCATION</td>
<td>620</td>
</tr>
<tr>
<td>SM@RT MIRROR: A DESIGN-BASED STUDY OF A PROFESSIONALIZATION METHOD FOR LIFELONG WORKPLACE LEARNING THROUGH INDIVIDUAL AND COLLABORATIVE LEARNING OF (CRITICAL) INCIDENTS IN DAILY WORK</td>
<td>630</td>
</tr>
<tr>
<td>ALGORITHMS OF SOLVING THE DIOPHANTINE EQUATION</td>
<td>639</td>
</tr>
<tr>
<td>REALIZATION OF COMPETENCY-BASED GAMING AND LEARNING ANALYTICS COMPONENTS BASED ON XAPI DATA FOR PSYCHOLOGY COURSES AT HIGHER EDUCATIONAL INSTITUTIONS</td>
<td>650</td>
</tr>
<tr>
<td>TRIAGE OF ADULT AND CHILD PATIENTS IN THE EVENT OF A MASS CASUALTY ACCIDENT IN VIRTUAL REALITY COMPARED TO CONVENTIONAL TRAINING</td>
<td>659</td>
</tr>
<tr>
<td>TEACHER PROFESSIONAL DEVELOPMENT FOR PROGRAMMING EDUCATION - A LIFELONG ACTIVITY</td>
<td>660</td>
</tr>
<tr>
<td>SUPPORTING PRE-SERVICE EDUCATORS IN THE PROCESS OF IDENTIFYING TRIGGERS AND TRAUMAS IN THE CLASSROOM; UNDERSTANDING THEIR OWN TRIGGERS AND THE IMPACT OF THEIR RESPONSES TO CREATE A SAFER, MORE SUPPORTIVE LEARNING ENVIRONMENT FOR THEIR STUDENTS</td>
<td>667</td>
</tr>
<tr>
<td>THE FLIPPED CLASSROOM IN THE TEACHING OF COMPUTER ENGINEERING AND ITS INFLUENCE ON THE MOTIVATION OF FIRST-YEAR STUDENTS</td>
<td>669</td>
</tr>
<tr>
<td>ASYNCHRONOUS ONLINE TEACHING OF RESEARCH METHODS TO GRADUATE STUDENTS: APPLICATION OF THE MULTI-THEORY MODEL OF HEALTH BEHAVIOR CHANGE</td>
<td>678</td>
</tr>
<tr>
<td>MOTHERS FROM SOCIALLY EXCLUDED LOCATIONS AND THEIR PERCEPTION OF PARENTAL COMPETENCIES</td>
<td>688</td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>FEMINIZATION OF EDUCATION IN THE CONTEXT OF SOCIAL AND FINANCIAL</td>
<td>697</td>
</tr>
<tr>
<td>VALUATION: SELECTED INDICATORS OF ATTRACTIVENESS OF SCHOOL</td>
<td></td>
</tr>
<tr>
<td>PROFESSIONS IN SLOVAKIA</td>
<td></td>
</tr>
<tr>
<td>S. Dončevová</td>
<td></td>
</tr>
<tr>
<td>RELEVANCE OF PROMPTS IN HIGHER EDUCATION: GUIDANCE AND CRITICAL</td>
<td>705</td>
</tr>
<tr>
<td>REFLECTION</td>
<td></td>
</tr>
<tr>
<td>A. Muñiz</td>
<td></td>
</tr>
<tr>
<td>CREATIVE TEACHING METHOD THROUGH INTERNATIONAL COLLABORATION AND</td>
<td>711</td>
</tr>
<tr>
<td>OPEN DISCUSSION CLASSROOM</td>
<td></td>
</tr>
<tr>
<td>M. Taheri, N. Özkol Lorentzen, K. Tan</td>
<td></td>
</tr>
<tr>
<td>A BEHAVIOR ANALYSIS TOOL USING PITCH PRESENTATION TRAINING VIRTUAL</td>
<td>718</td>
</tr>
<tr>
<td>REALITY SIMULATION (SERIOUS GAME) BY EMPLOYING BRAIN COMPUTER</td>
<td></td>
</tr>
<tr>
<td>INTERFACE TECHNOLOGY</td>
<td></td>
</tr>
<tr>
<td>M. Taheri, K. Tan, A. Aske</td>
<td></td>
</tr>
<tr>
<td>OHS IN THE EXTRACTION OF ORGANIC COMPOUNDS</td>
<td>725</td>
</tr>
<tr>
<td>J. Jakubčinová, M. Feszerová</td>
<td></td>
</tr>
<tr>
<td>HOLISTIC APPROACH TO DIGITALLY ENHANCED COLLABORATIVE LEARNING</td>
<td>735</td>
</tr>
<tr>
<td>A. Krebs, T. Peherstorfer, B. Ehrenstorfer</td>
<td></td>
</tr>
<tr>
<td>THE DIFFERENCE IN BIOTECHNOLOGY STUDENTS’ APPROACH TO LEARNING IN</td>
<td>743</td>
</tr>
<tr>
<td>TWO UNIVERSITIES</td>
<td></td>
</tr>
<tr>
<td>M. Leiva-Brondo, M. Clemente-León</td>
<td></td>
</tr>
<tr>
<td>PERCEIVED EFFECTS AND OUTCOMES OF A LEADERSHIP DEVELOPMENTAL</td>
<td>750</td>
</tr>
<tr>
<td>PROGRAM WITHIN THE HEALTH SECTOR IN NORWAY</td>
<td></td>
</tr>
<tr>
<td>O. Boe, E. Dvergsnes, L.I. Magnussen, G.E. Torgersen</td>
<td></td>
</tr>
<tr>
<td>EDUCATIONAL INTERVENTION THROUGH INSTAGRAM TO IMPROVE SCIENTIFIC</td>
<td>761</td>
</tr>
<tr>
<td>WRITING SKILLS AND SELF EFFICACY IN UNIVERSITY STUDENTS</td>
<td></td>
</tr>
<tr>
<td>R. Rodríguez-Rey, S. Collado, M. Sánchez-Izquierdo, E. Santanalalla</td>
<td></td>
</tr>
<tr>
<td>Pascual</td>
<td></td>
</tr>
<tr>
<td>YOU ARE THE MATERIAL- A FIRST HAND DESCRIPTION OF A SELF-NARRATIVE</td>
<td>762</td>
</tr>
<tr>
<td>FRAMEWORK FOR GRADUATE STUDENTS</td>
<td></td>
</tr>
<tr>
<td>T. Cohen</td>
<td></td>
</tr>
<tr>
<td>CAREER ADAPTABILITY AND SUBJECTIVE WELL-BEING AMONG HIGHER</td>
<td>763</td>
</tr>
<tr>
<td>EDUCATION STUDENTS</td>
<td></td>
</tr>
<tr>
<td>M. Fernandes, I. Oliveira</td>
<td></td>
</tr>
<tr>
<td>GUIDELINES FOR DEVELOPING ONLINE COURSES</td>
<td>772</td>
</tr>
<tr>
<td>M.A. Elhag, H.M. Al Abri</td>
<td></td>
</tr>
<tr>
<td>THE RELEVANCE OF THE UNIVERSITY IN THE PROCESS OF LINKING WITH</td>
<td>783</td>
</tr>
<tr>
<td>SOCIETY</td>
<td></td>
</tr>
<tr>
<td>G. Gómez, J.P. Vázquez</td>
<td></td>
</tr>
<tr>
<td>USING CREATIVE FACILITATION TO SOLVE ‘WICKED PROBLEMS’: ENTREPRENEURSHIP FOR ALL</td>
<td>793</td>
</tr>
<tr>
<td>H. Collins</td>
<td></td>
</tr>
<tr>
<td>ENHANCING LEARNING NEUROANATOMY FOR MEDICAL STUDENTS THROUGH NEUROIMAGING IN 3D-DIGITAL MODELS</td>
<td>802</td>
</tr>
<tr>
<td>M.T. Premkumar, M.A. Javaoid</td>
<td></td>
</tr>
<tr>
<td>INDIGENOUS LAND IN THE VIRTUAL WORLD: STRENGTHENING IDENTITIES</td>
<td>810</td>
</tr>
<tr>
<td>THROUGH MINECRAFT</td>
<td></td>
</tr>
<tr>
<td>I. Rodrigues de Souza Fausto, F. Rodrigues Leta, R.M. Mariani Braz</td>
<td></td>
</tr>
<tr>
<td>INNOVATIVE DIGITAL INSTRUCTIONAL INTERVENTIONS FOR OVERCOMING</td>
<td>819</td>
</tr>
<tr>
<td>PROBLEMS IN ATTENTIONAL CONTROL, WORKING MEMORY AND LANGUAGE</td>
<td></td>
</tr>
<tr>
<td>COMPREHENSION IN YOUNG CHILDREN WITH LANGUAGE DISORDERS:</td>
<td></td>
</tr>
<tr>
<td>FINDINGS FROM IMPLEMENTATION STUDY</td>
<td></td>
</tr>
<tr>
<td>V. Karkanta, P. Simos, A. Mouzaki, G. Papapanagiotou</td>
<td></td>
</tr>
<tr>
<td>INFORMAL LEARNING THROUGH MENTORING PROGRAMS: EXPLORING NOVICE</td>
<td>827</td>
</tr>
<tr>
<td>ENTREPRENEURS’ EXPECTATIONS</td>
<td></td>
</tr>
<tr>
<td>P. Schulcz</td>
<td></td>
</tr>
<tr>
<td>CAREER ADAPTABILITY AND STUDENTS’ ENGAGEMENT IN HIGHER EDUCATION</td>
<td>835</td>
</tr>
<tr>
<td>A.F. Capela, I. Oliveira</td>
<td></td>
</tr>
<tr>
<td>INNOVATIVE TEACHING PRACTICES: LISTENING TO THE STUDENT VOICE</td>
<td>843</td>
</tr>
<tr>
<td>C. Kearney, R. Kelly</td>
<td></td>
</tr>
<tr>
<td>FOREIGN LANGUAGE TEACHING SUPPORTED BY GENERATIVE AI TECHNOLOGY</td>
<td>851</td>
</tr>
<tr>
<td>CHATGPT</td>
<td></td>
</tr>
<tr>
<td>R. Meng, A. Eremeeva</td>
<td></td>
</tr>
</tbody>
</table>

xx
STORY MAKING AS AN EFFECTIVE TEACHING METHOD FOR UNIVERSITY STUDENTS WHILE IMPROVING WRITING, SPEAKING AND BOOSTING VOCABULARY
A. Eremeeva, R. Meng

MECHANISMS FOR IMPROVING ACADEMIC PERFORMANCE OF FIRST-YEAR ACCOUNTING STUDENTS: A PHENOMENOLOGICAL PERSPECTIVE
M. Mokhampanyane

FACTORS INFLUENCING THE IMPLEMENTATION OF INCLUSIVE EDUCATION IN PRIMARY SCHOOLS IN SOUTH AFRICA
K. Legodi-Rakgalakane, M. Mokhampanyane

REALIZATION OF A CONTROL UNIT FOR A SIMULATION INCLUDING LTI CONNECTION TO THE LEARNING MANAGEMENT SYSTEM MOODLE FOR PSYCHOLOGICAL COURSES IN HIGHER EDUCATIONAL INSTITUTIONS

UNDESIRABLE EVENTS IN THE CORRECTIONAL SERVICE
O. Boe, A. Bech, M. Johansen Thømt, B.S. Karlsen, S. Rawat, A. Piotrowski

ITALIAN AND BRAZILIAN HIGHER EDUCATION SUPPORT FOR ENTREPRENEURSHIP: SOME EVIDENCE FROM A COMPARATIVE STUDY
A.A. Guilherme, D. Scotta, S. Patera

WHAT KIND OF ENTREPRENEURSHIP EDUCATION AND FOR WHOM? SOME EVIDENCE FROM A SYSTEMATIC ANALYSIS OF ITALIAN HIGHER EDUCATION CONTEXT
S. Patera, G. Casocavullo, M. Ciampricotti, A.A. Guilherme

SUSTAINABILITY, ARTIFICIAL INTELLIGENCE AND EDUCOMMUNICATION: AN EXPERIMENT ON THE COLLECTIVE PRODUCTION OF MEMES AND THEIR USE IN THE RISING OF SOCIAL CONSCIOUSNESS ABOUT THE 17 SUSTAINABLE DEVELOPMENT GOALS (SDG) OF THE UNITED NATIONS
A.V. Romanini

ENHANCING STUDENT SELECTION IN HIGHER EDUCATION: EXPLORING FLEXIBLE PATHWAYS TO UNIVERSITIES OF APPLIED SCIENCES
S. Heikkilä, J. Horelli, M. Viinäinen

ENHANCING QUALITY TEACHING AND LEARNING THROUGH FORMAL ASSESSMENT IN GRADE 6 SOCIAL SCIENCES
N. Bomela, A. Rambuda

EDUCATIONAL IMPLICATIONS AND CHALLENGES FOR USING SOCIAL MEDIA IN TEACHING GRADE 10 ENGLISH WRITING SKILLS
M. Makoko, A. Rambuda

HOW TO DESIGN DIGITAL LEARNING OFFERING AS INTERNATIONAL TEACHER CO-OPERATION
S. Lassila, M. Ohinen-Salvén

STUDENT PERCEPTIONS OF ONLINE LEARNING IN HIGHER EDUCATION
I. Roy, K. Hackmack

USE OF BIM FOR ADVANCED TRAINING THROUGH VISUALIZATION AND IMPLEMENTATION
O. Ovšarenko, D. Makutienė, S. Suval

TEACHING EXPERIENCE APPLYING VUCA ENVIRONMENTS IN UNIVERSITY STUDIES
O. Diaz, E. Segredo-Morales, E. González

CRITICAL ANALYSIS OF THE USE OF ALTERNATIVE LEARNING METHODOLOGIES FOR THE DEVELOPMENT OF KEY COMPETENCES
O. Diaz, E. Segredo-Morales, E. González

AI IN EDUCATION: GOOD, BAD, AND UGLY
D. Vyortkina

USING ARTIFICIAL INTELLIGENCE (AI) FOR LESSON PLAN (LP) DESIGN IN TEACHER EDUCATION
H. Rougeaux, B. Sharp

INCLUSION OF PEOPLE WITH INTELLECTUAL DEVELOPMENTAL DISORDER: FROM BIRTH THROUGH SCHOOL AND TOWARD THE FUTURE
H. Flavian

INNOVATION IN HIGHER EDUCATION: FIVE WS AND HOW (5WH)
D. Vyortkina
EXPERIENCES OF INSTRUCTIONAL DESIGN IN THE IMPLEMENTATION OF A VIRTUAL CAMPUS IN A DIGITAL TRANSFORMATION PROCESS FOR HIGHER EDUCATION  

P. Fuentes, A. Vergara-Jaque, J. Hinojosa, G. Bustos, A. Rojas

DIGITAL TEACHING RESOURCES DEMAND FROM A HEALTH DEPARTMENT FACULTY IN HIGHER EDUCATION TO MATCH DIGITAL EDUCATION TRENDS  

P. Fuentes, A. Vergara-Jaque, J. Hinojosa, G. Bustos, A. Rojas, P. Arcia

EMBEDDING DIVERSITY AND INCLUSION IN INITIAL TEACHER EDUCATION: POLICIES AND PRACTICE  

C.N. Braun

SUPPORTING DIVERSE PATHWAYS AND EMPOWERING STUDENTS TO SHAPE THEIR EDUCATIONAL JOURNEY: A CASE STUDY OF AN INDIVIDUALIZED UNDERGRADUATE DEGREE PROGRAM  

R. Robertson

EXPLORING THE VARIABILITY OF EXPERT CLINICAL REASONING WHEN DESIGNING A LEARNING BY CONCORDANCE TOOL  

M.F. Deschénes

AI-POWERED EDUCATION: UNLOCKING A WORLD OF POSSIBILITIES  

G. Güsan Köse, İ.E. Emre

EXPLORING THE IMPACT OF DESIGN ELEMENTS FOR SELF-REGULATED LEARNING IN IMMERSIVE VIRTUAL REALITY – A QUASI-EXPERIMENTAL DESIGN  

S.W.Y. Lee, Y.T. Hsu, P. Chang

THE USE OF PEDAGOGICAL ROBOTICS IN CHILDHOOD EDUCATION: HELPING IN LITERACY AND SOCIAL INCLUSION  

R. Coutinho

STUDENT-TEACHER INTERACTION GOES BEYOND A WHITEBOARD  

R. Coutinho, F. Scarlati Coutinho

ACCESSIBILITY IN THE HOSPITAL AND TECHNOLOGIES TO SUPPORT THE QUALITY OF LIFE OF PAEDIATRIC PATIENTS. THE PEDAGOGICAL INTERVENTION  

C. Sorrentino, F. Baccassino, S. Pinnelli, A. Fiorucci

LEARNING TO CODE – INVESTIGATING THE ADOPTION OF VIDEO-BASED LAB SOLUTIONS FOR UNIVERSITY-LEVEL NOVICE PROGRAMMERS  

A. McGowan, N. Anderson, G. Trombino, P. Sage, J. Adhikari, L. Galway

IMPACT OF FACILITATION SKILLS TRAINING FOR SCHOOL ADMINISTRATORS IN JAPAN: USING THE SOLUTION-FOCUSED TEAM MEETING METHOD IN EDUCATIONAL COUNSELING COLLABORATIONS  

O.C. Ogawa, M. Yamada

ENHANCING UNIVERSITY-COMPANY COLLABORATION: A CASE STUDY IN THE DESIGN FIELD  

X. Lin, M.O. Ingaramo

ENHANCING THE PRESCHOOL AND PRIMARY SCHOOL CHILDREN'S READING COMPREHENSION SKILLS- RICH LEARNING THROUGH PLAY IN THE LIBRARY  

J. Rajić

ANALYSING EXPATRIATES' EXPERIENCE WITH ”CULTURE SHOCK” IN CZECH REPUBLIC – RESULTS OF THE INTERVIEWS CONDUCTED BY STUDENTS AND THEIR THEORETICAL AND EDUCATIONAL IMPLICATIONS  

K. Pavlica, I. Matoušková, C. Isaacs

THE IMPACT OF THE ENGLISH LANGUAGE ON RUSSIAN MILLENNIALS' SLANG  

F. Sitdikova, N. Plotnikova, S. Peretochkina

CONNECTING PROFESSIONAL LEARNING DESIGN FEATURES TO TEACHER LEARNING: A LONGITUDINAL CASE STUDY  

K. Koellner, N. Placa, N. Seago

VISUAL REPRESENTATIONS AS A SUPPORT FOR SUSTAINED TEACHER LEARNING  

N. Placa, K. Koellner, N. Seago

NEGLECTING WRITING ELEMENTS AFFECTS COMMUNICATION  

R. Ferrer-Méndez, R. May-Meléndez, A. Sánchez-Rivero

“FAIR ‘N SQUARE”: A SERIOUS GAME FOR FAIR DIVISION  

P. Stavrropoulos, E. Papioannou, C. Kaklamanis, D. Tsolis

CHALLENGE-BASED LEARNING: STUDY AND DEFINITION OF NEW OF VIRTUAL IN-COMPANY LEARNING MODELS  

E. Zarrabetia-Bilbao, I. Alourez-Mena, A. Ipiñazar-Epalza, A. Ruiz de la Torre-Acha
PATHWAY AND EVIDENCE OF THE LEGITIMACY OF BLACKBOARD (LMS) IN A SELECTED UNIVERSITY
V. Nkonki, A. Riley, S. Ntlabathi

LEVERAGING DIGITAL TWINS FOR TEACHING ENVIRONMENTAL MANAGEMENT AND BUILDING DESIGN: CASE-BASED METHOD APPROACH

UNHAPPY CAMPERs: OUT-OF-FIELD BIOLOGY STUDENT TEACHERS IN IRELAND
T. McCloughlin

SERVICE-LEARNING: ECO-EFFICIENT SOLUTIONS TO IMPROVE THE URBAN ENVIRONMENT
C. Piña Ramírez, P. Aguilera Benito, A. Vidales Barriguete, M. Morales Segura, D. Caballol Bartolomé, J. García Muñoz, A.M. Marín Palma, F. Gil Carrillo

CIVIL SOCIETY ENGAGEMENT IN REFUGEE INTEGRATION: SUBJECT TO PRIOR LEARNING AND INSTITUTIONAL CONSTRAINTS
H. Ahl, K. Escobar

STORYBOARDING: A CREATIVE GAME PROTOTYPE FOR DEVELOPING ANIMATION NARRATIVES
J. Raimundo

THE IMPORTANCE OF EDUCATION ON SEISMIC RISK. THE CASE OF “EARTHQUAKE, FIRE, AND FLOOD RISK ASSESSMENT IN THE ATTICA REGION” PROJECT
A. Kourou, M. Panoutsopoulou, M. Manousaki, S. Lalechos, S. Mavroulis, M. Diakakis, E. Lekkas

AN EXPLORATION OF THE USE OF AVATARS IN VIRTUAL WORLDS FOR WOMEN’S LEADERSHIP DEVELOPMENT
D. Bañuelos-Loes, C. Prince Schofield

STUDENTS’ SELF-EVALUATIVE JUDGEMENTS IN PROBLEM-SOLVING: HOW ACCURATE ARE THEY?
O. Lawanto, A. Minichiello, R. Himel

DIFFERENTIAL ITEM FUNCTIONING ACCORDING TO GENDER: AN ANALYSIS OF A STANDARDIZED TEST IN GEOGRAPHY
M. Pettignano, A. Crescentini, E. Meier

PSYCHOLOGICAL CAPITAL IN CONTINUING TEACHER EDUCATION: EVIDENCE FROM A SELF-DEVELOPMENT COURSE
M. Pettignano, A. Crescentini, A. D’Amato, L. Sciaroni

"THE GOLDEN TRIANGLE"- PROMOTING TEACHERS’ DEVELOPMENT IN THE ARAB EDUCATION SYSTEM IN ISRAEL VIA BLENDED LEARNING-TEACHING ENVIRONMENT
B. Makhoul, E. Olshtain

CLOSING THE READING ACHIEVEMENT GAP: TRANSFORMING SCHOOL LITERACY PRACTICES IN URBAN DISADVANTAGED PRIMARY SCHOOLS IN IRELAND
A.J. Keogh

POSITIVE INTELLIGENCE TRAINING TO DEVELOP ENGINEERING STUDENTS’ POTENTIAL TO COMMERCIALIZE AN INNOVATION IN A HISTORICALLY BLACK COLLEGE AND UNIVERSITY
S. Addo, P. Tyagi

MEASURING COMPETENCES FOR INNOVATION: A NEW SCALE ARTICULATED WITH NEW IN-DEPTH KNOWLEDGE STRUCTURES
G.E. Torgersen, L.I. Magnussen, O. Boe

CRITICAL INCIDENTS AND LANGUAGE EDUCATION IN WIDER CONTEXTS
D. Sieglrová

INTERNATIONAL NETWORK FOR RESPONSIBLE BIOSCIENCES – A CORNERSTONE FOR THE TRANSFORMATION OF THE RELATIONSHIP OF SCIENCE AND SOCIETY
D. Elster

ECO-SCHOOL MOVEMENT BASED ON EDUCATIONAL REFORMS IN GERMANY
D. Elster

ENHANCING WORK-INTEGRATED LEARNING (WIL) THROUGH STRATEGIC STAKEHOLDER COLLABORATION
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENHANCING STATISTICS TEACHING THROUGH AUTHENTIC ASSESSMENT AND</td>
<td>1303</td>
</tr>
<tr>
<td>IMPROVED TEACHING DELIVERY</td>
<td></td>
</tr>
<tr>
<td>R. Verspoor</td>
<td></td>
</tr>
<tr>
<td>DEVELOPING ONLINE LANGUAGE LEARNING THROUGH NATIONAL PROJECTS –</td>
<td>1304</td>
</tr>
<tr>
<td>LESSONS LEARNT</td>
<td></td>
</tr>
<tr>
<td>P. Puranen, P. Kudel</td>
<td></td>
</tr>
<tr>
<td>DIGITAL COMPETENCE IN NORWEGIAN AND DANISH TEACHER EDUCATION –</td>
<td>1305</td>
</tr>
<tr>
<td>REPRESENTING AN ONTOLOGICAL TURN?</td>
<td></td>
</tr>
<tr>
<td>A.T. Arstorp</td>
<td></td>
</tr>
<tr>
<td>PLANNING OF INCLUSIVE LINGUISTIC ACTIVITY THROUGH THE ERASMUS PLUS</td>
<td>1306</td>
</tr>
<tr>
<td>PROGRAMME: GOOD PRACTICES BETWEEN ITALY AND SPAIN</td>
<td></td>
</tr>
<tr>
<td>S. Pinnelli, C. Sorrentino, N. Barranco, T. Calderon</td>
<td></td>
</tr>
<tr>
<td>PARTNERSHIPS AND PROJECTS: AN EFFECTOR OF CHANGE IN THE MIDDLE</td>
<td>1307</td>
</tr>
<tr>
<td>SCHOOL SCIENCE CLASSROOM</td>
<td></td>
</tr>
<tr>
<td>K. McDaniel, T. Clark</td>
<td></td>
</tr>
<tr>
<td>UBUNTU SCHOOLS PROGRAM – SCHOOL PRINCIPALS’ PERSPECTIVE ON ITS</td>
<td>1312</td>
</tr>
<tr>
<td>POTENTIAL IN EMPOWERING YOUNG PEOPLE IN A SET OF SOCIAL AND CIVIC</td>
<td></td>
</tr>
<tr>
<td>VIRTUES</td>
<td></td>
</tr>
<tr>
<td>E. Montenegro Marques, P. Vieira</td>
<td></td>
</tr>
<tr>
<td>INCLUSIVE EDUCATION FOR SUSTAINABLE DEVELOPMENT: EMPIRICAL</td>
<td>1313</td>
</tr>
<tr>
<td>INVESTIGATION THROUGH THE INDEX FOR INCLUSION MODEL</td>
<td></td>
</tr>
<tr>
<td>S. Pinnelli</td>
<td></td>
</tr>
<tr>
<td>GLOBAL JOURNALISM COLLABORATIONS: WORLDWIDE STORYTELLING PROJECTS IN</td>
<td>1320</td>
</tr>
<tr>
<td>HIGHER EDUCATION</td>
<td></td>
</tr>
<tr>
<td>M. Coomey, K. Blair, F. Sidiow, N. Duarte</td>
<td></td>
</tr>
<tr>
<td>INNOVATIVE STRATEGIES FOR INTEGRATING TECHNOLOGIES INTO AGRICULTURAL</td>
<td>1327</td>
</tr>
<tr>
<td>PROGRAMMES AT TECHNICAL AND VOCATIONAL COLLEGES</td>
<td></td>
</tr>
<tr>
<td>D. Sephokgole, M. Makgato, S. Khoza, T.I. Mitshali</td>
<td></td>
</tr>
<tr>
<td>QUALITY IMPROVEMENT FOR PATHWAY PROGRAMS: OUTCOMES OF A COMPREHENSIVE</td>
<td>1336</td>
</tr>
<tr>
<td>PROGRAM REVIEW</td>
<td></td>
</tr>
<tr>
<td>D. Hanna</td>
<td></td>
</tr>
<tr>
<td>THE NEEDS OF PEOPLE WITH IMPAIRED COMMUNICATION SKILLS IN THE</td>
<td>1337</td>
</tr>
<tr>
<td>CONTEXT OF SAFETY: ANALYSIS AND POSSIBILITIES FOR SPECIAL EDUCATION</td>
<td></td>
</tr>
<tr>
<td>INTERVENTION</td>
<td></td>
</tr>
<tr>
<td>A. Hanakova, E. Urbanovska, T. Hrudova</td>
<td></td>
</tr>
<tr>
<td>SENSE OF SECURITY AND ITS IMPORTANCE FOR THE SELF-ACTUALIZATION OF</td>
<td>1344</td>
</tr>
<tr>
<td>PEOPLE WITH SPECIFIC LEARNING DISABILITIES: A QUALITATIVE ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>A. Hanakova, E. Urbanovska, T. Hrudova</td>
<td></td>
</tr>
<tr>
<td>HIGHER EDUCATION FOR ALL: FROM DILEMMAS TO IMPLEMENTATION</td>
<td>1351</td>
</tr>
<tr>
<td>A. Seabra, R. Oliveira, D. Cardoso, V. Capellini, A. Vazzoler-Mendonça,</td>
<td></td>
</tr>
<tr>
<td>S. Susel Lopes, C. Costa-Lobo</td>
<td></td>
</tr>
<tr>
<td>HIGHER EDUCATION FAILURE: CHALLENGES, CONSEQUENCES AND CURRENT</td>
<td>1359</td>
</tr>
<tr>
<td>SOLUTIONS</td>
<td></td>
</tr>
<tr>
<td>J. Fernandes</td>
<td></td>
</tr>
<tr>
<td>A CROSS-CULTURAL STUDY IN TAIWAN AND TEXAS OF PRE-SERVICE EDUCATORS’</td>
<td>1365</td>
</tr>
<tr>
<td>BELIEFS ABOUT CHILDREN’S PLAY</td>
<td></td>
</tr>
<tr>
<td>L. Moore, E. Zuwig, S. Morales, S. Alharbi, L.F. Jang, Y. Cheng, M.</td>
<td></td>
</tr>
<tr>
<td>Shu</td>
<td></td>
</tr>
<tr>
<td>INTEGRATING IOT WITH STEM EDUCATION: ENHANCING COMPUTATIONAL</td>
<td>1375</td>
</tr>
<tr>
<td>THINKING AND PROGRAMMING SKILLS AMONG NON-IT MAJOR UNIVERSITY STUDENTS</td>
<td></td>
</tr>
<tr>
<td>Y.C. Tsai, K.L. Yeh, T.T. Chung</td>
<td></td>
</tr>
<tr>
<td>TRAINING AND PRACTICE IN OPERATIONAL FIRE SERVICE TEAMS IN NORWAY</td>
<td>1382</td>
</tr>
<tr>
<td>FORMATIVE ASSESSMENT AND COLLABORATIVE LEARNING IN A PREPARATORY</td>
<td>1392</td>
</tr>
<tr>
<td>COURSE FOR ENGINEERING STUDIES</td>
<td></td>
</tr>
<tr>
<td>T. Schjem, V. Talmo, G. Ringestad Blokkum</td>
<td></td>
</tr>
<tr>
<td>WHAT DO TEACHERS REALLY THINK ABOUT THE USE OF SMARTPHONES IN THEIR</td>
<td>1397</td>
</tr>
<tr>
<td>TEACHING?</td>
<td></td>
</tr>
<tr>
<td>E. Aflalo</td>
<td></td>
</tr>
<tr>
<td>WHO IS TALKING? PREPARING THE STUDENTS FOR A DIGITAL FUTURE</td>
<td>1398</td>
</tr>
<tr>
<td>PERCEPTIONS ON HOW TO HUMANIZE TEXT-TO-SPEECH VOICES</td>
<td></td>
</tr>
<tr>
<td>J. Fernandes, P. Duarte</td>
<td></td>
</tr>
</tbody>
</table>
LEVEL UP: UNLEASHING THE POTENTIAL OF ESPORTS FOR TRANSFERABLE SKILL DEVELOPMENT IN THE DIGITAL WORKING WORLD  1403
R. Andersen, T. Scholz, C.R. Simonsen

HUMANOID ROBOTS IN SERVICE CONTEXTS –INSIGHTS FROM SESSIONS WITH END USERS  1413
C. Tigerstedt, S. Fabricius

SCIENTIFIC INVENTORY OF QUALITY AND RELEVANCE: A TOOL TO EVALUATE SCHOOL EDUCATIONAL INNOVATION PROJECTS  1421
A. Remacha Irure, O. Belletich Ruiz

THE LEARNING OF SOFT SKILLS IN HIGHER EDUCATION - A STUDENT PERSPECTIVE ON SKILLS’ LEARNING AS A PART OF THE VAKEN PROCESS  1428

ACCESSIBILITY AND INCLUSION IN MUSEUM: THE CASE OF MARTA, NATIONAL ARCHAEOLOGICAL MUSEUM OF TARANTO  1438
A. Fiorucci, S. Pinnelli

A CASE STUDY OF THE MAGIC CITY ACCEPTANCE ACADEMY: AN LGBTQ-AFFIRMING PUBLIC CHARTER SCHOOL FINDING SUCCESS IN AN UNLIKELY SPACE  1446
K. Garley, M. Fifolt, D. White

EVALUATION OF THE SATISFACTION OF INDUSTRIAL ENGINEERING GRADUATES AT A UNIVERSITY IN ECUADOR  1447
R. Ramirez-Anormaliza, F. Guevara-Viejo, R. Ramirez-Castelo

COMPARATIVE STUDY OF EARLY CHILDHOOD EDUCATION POLICY AND PRACTICES IN THE UNITED STATES AND FINLAND  1454
M. Sharifian

USING ACTIVE LEARNING STRATEGIES IN HIGHER EDUCATION TO CO-CREATE VALUE FOR TOURISM COMPANIES  1460
C. Rafael, J. Fonseca, A. Pires

EXPLORING ACTIVE LEARNING METHODOLOGIES IN THE POST COVID-19 CONTEXT: A CASE STUDY INVOLVING GENERATION Z UNDERGRADUATE LIFE SCIENCE STUDENTS  1466
S. Bernardino, S. Pais, A. Pires

ENGLISH II END-OF-COURSE EXAM PERFORMANCE DIFFERENCES BY THE LANGUAGE STATUS OF BOYS: A TEXAS MULTIYEAR INVESTIGATION  1474
C.A. Resilla, J.R. Slate

REFLEXIVE LEARNING AS THE EDUCATIONAL STRATEGY FOR FOREIGN MEDICAL STUDENTS OF OBSTETRICS AND GYNECOLOGY  1480
S. Titov, M. Semenova, E. Krylov

THE IMPACT OF DIFFERENT TYPES OF STIMULI ON GENDER DIFFERENCES IN MENTAL ROTATION TASKS  1486
N. Segura Caballero, G. Maresch

GEOMETRIC TERMINOLOGY OF PRESCHOOL CHILDREN  1494
M. Uhlířová, J. Laščková, J. Vaško

THE IMPACT OF DIGITAL EDUCATION ON THE SCHOOL EXPERIENCE OF ADOLESCENTS WITH HEARING LOSS IN THREE NORDIC COUNTRIES  1500
S. Szepanski, K. Huttunen, N. Jakobell Laugen, P. Larsman, M. Meristo

REVISING CURRICULA TO MEET THE FUTURE OF WORK  1504
M. Hiillos, S. Huttunen

EDUCATIONAL LEADERSHIP FROM THE PERSPECTIVE OF LEADERSHIP THEORIES  1511
L. Snellman

IMPACT MODEL: A COMPREHENSIVE FRAMEWORK FOR PLANNING THE USE OF CHATBOTS IN DIDACTIC UNIT  1522
M. Kerneža, D. Zemljak

PERCEPTION OF ARTIFICIAL INTELLIGENCE AS A POET: A POETIC DUEL BETWEEN CHATGPT AND FRANCE PREŠEREN  1528
M. Kerneža

THE DEVELOPMENT OF STUDENTS’ FINANCIAL LITERACY IN A PRO-GYMNASIUM OF LITHUANIA  1537
S. Kovienė, R. Rakickienė

xxvi
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRINGING WORK TO SCHOOL: TRANSFORMING HIGHER EDUCATION THROUGH A LIFELONG AND WORK-INTEGRATED LEARNING APPROACH</td>
<td>1543</td>
</tr>
<tr>
<td>J. Jaldemark, M. Håkansson Lindqvist, P. Mozelius, P. Öhman</td>
<td></td>
</tr>
<tr>
<td>REGULATION OF THE EDUCATION OF MATHEMATICALLY GIFTED STUDENTS AND THE REAL SITUATION IN GYMNASIUM</td>
<td>1551</td>
</tr>
<tr>
<td>S. Kvinéni, A. Ponecliené</td>
<td></td>
</tr>
<tr>
<td>NURSING EDUCATION DURING THE COVID-19 PANDEMIC: A CASE STUDY IN ESTONIA</td>
<td>1559</td>
</tr>
<tr>
<td>J. Sepp, K. Puusepp</td>
<td></td>
</tr>
<tr>
<td>TIME TO GIVE UP LEARNER CENTRED PEDAGOGY</td>
<td>1569</td>
</tr>
<tr>
<td>L. Brandstedt</td>
<td></td>
</tr>
<tr>
<td>THE LENGTH OF TEACHING PRACTICE IN THE NEW CONCEPT OF TEACHING INFORMATICS IN CZECH PRIMARY SCHOOLS</td>
<td>1579</td>
</tr>
<tr>
<td>L. Čírus, I. Simonova</td>
<td></td>
</tr>
<tr>
<td>EDUCATIONAL STOPLIGHT</td>
<td>1586</td>
</tr>
<tr>
<td>M. Burt</td>
<td></td>
</tr>
<tr>
<td>ADOLESCENT ANXIETY: AN EXPERIENCE REPORT ON BUILDING A DIGITAL GAME</td>
<td>1593</td>
</tr>
<tr>
<td>EDUCATION AND GLOBALISATION: THE IMPACT OF EDUCATION FOR CITIZENSHIP AND COMPUTER APPLICATIONS SUBJECTS ON THE DEVELOPMENT OF COMPETENCIES IN THE PROFILE OF STUDENTS LEAVING COMPULSORY SCHOOLING</td>
<td>1602</td>
</tr>
<tr>
<td>P. Farinha Vidinha, P. Brandão</td>
<td></td>
</tr>
<tr>
<td>ATTITUDES OF PRE-SERVICE BIOLOGY TEACHERS TOWARDS THE APPLICATION OF CHATGPT IN THE UNIVERSITY LEARNING PROCESS</td>
<td>1612</td>
</tr>
<tr>
<td>V. Slavov, R. García-Vidal, K. Yotoeska, A. Asehova</td>
<td></td>
</tr>
<tr>
<td>PROJECT-BASED LEARNING – A PERSPECTIVE TO SUSTAINABLE FUTURE EDUCATION IN MATHEMATICS</td>
<td>1622</td>
</tr>
<tr>
<td>M. Chhabra, A. Gawaonde</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION OF GAMIFICATION INTO ECONOMIC RESEARCH AMONG STUDENTS: TRENDS AND ISSUES</td>
<td>1627</td>
</tr>
<tr>
<td>G. Kurmanova, B. Urazova, B. Sukhanberdina</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION STAGES OF INTERNATIONAL COOPERATION FRAMEWORK FOR NEXT GENERATION ENGINEERING STUDENTS’ PROJECT</td>
<td>1633</td>
</tr>
<tr>
<td>A. Kakko</td>
<td></td>
</tr>
<tr>
<td>INCORPORATION OF THE TUTORIAL FUNCTION IN PEER-TO-PEER EVALUATION IN COLLABORATIVE EDUCATION BY PROJECTS, DEVELOPED IN THE FIELD OF UNIVERSITY TRAINING OF ENGINEERS</td>
<td>1634</td>
</tr>
<tr>
<td>I. Gil, M.M. Espinosa, R. Pradas Del Pico, M. Domínguez</td>
<td></td>
</tr>
<tr>
<td>TOWARDS THE METAVERSE: APPLYING VIRTUAL REALITY IN VOCATIONAL CLASSES - AN EXPERIENCE REPORT</td>
<td>1640</td>
</tr>
<tr>
<td>M. Ronchetti, C. Mannmari, A. Apicella</td>
<td></td>
</tr>
<tr>
<td>“TAKE YOUR PICK”: A QUALITATIVE STUDY IDENTIFYING COMPARATIVE EDUCATION FACULTY AND STUDENT PREFERENCES FOR ONLINE VS. IN-PERSON INSTRUCTION UPON EMERGENCE FROM THE PANDEMIC LOCKDOWN</td>
<td>1650</td>
</tr>
<tr>
<td>M. Dereshtusky, M. Schwanenberger</td>
<td></td>
</tr>
<tr>
<td>INTR’APPRENEUR PROJECT: REDEFINING EDUCATION LEADERSHIP IN THE AGE OF INDUSTRY 4.0 THROUGH INNOVATIVE COMMUNITY LEARNING CENTERS - CASE STUDY</td>
<td>1651</td>
</tr>
<tr>
<td>M. Chiasson, M. Bertin-Post, I. Savio, N. Kerry</td>
<td></td>
</tr>
<tr>
<td>&quot;CT-PEL&quot;: AN ONLINE PLATFORM FOR GAINING INSIGHT INTO REGIONAL CULTURAL TOURISM</td>
<td>1665</td>
</tr>
<tr>
<td>E. Rouchota, E. Papaioannou, N. Karanikolas, K. Papaioannou, G. Moisiadis, C. Kaklamannis</td>
<td></td>
</tr>
<tr>
<td>ON INTEGRATING ENTREPRENEURIAL PEDAGOGY INTO PHYSICS EDUCATION FOR ENGINEERS</td>
<td>1675</td>
</tr>
<tr>
<td>V. Panthalookaran</td>
<td></td>
</tr>
<tr>
<td>AN ASSESSMENT FRAMEWORK FOR DEVELOPING AN ENTREPRENEURIAL MINDSET IN NEXT-GENERATION LEARNERS</td>
<td>1682</td>
</tr>
<tr>
<td>V. Panthalookaran</td>
<td></td>
</tr>
<tr>
<td>HOW TO FACILITATE THE STUDENT’S BOUNDARY-CROSSING FROM DISTANCE UNIVERSITIES TO THE JOB MARKET?</td>
<td>1691</td>
</tr>
<tr>
<td>J. Navio-Marco, C. Sánchez-Figueroa, A. Mendieta-Aragón</td>
<td></td>
</tr>
</tbody>
</table>
PERCEPTIONS OF HIGHER EDUCATION STUDENTS IN THE ADOPTION OF PROJECT-BASED LEARNING IN SOFTWARE DEVELOPMENT
P. Alves, C. Morais, L. Miranda

ARE GAME-BASED MOBILE APPLICATIONS EFFECTIVE FOR YOUNG CHILDREN'S INFORMAL LEARNING IN A SCIENCE MUSEUM?
I. Nicolaïdou, M. Vasquez, C. Tourapi, L. Aristeidis

FUTURE ALTERNATIVES TO MEAT: PRE-SERVICE TEACHERS PREDISPOSITIONS TO REDUCE AND REPLACE MEAT CONSUMPTION
A. Almeida, I. Rodrigues

PRE-SERVICE TEACHERS' KNOWLEDGE ABOUT THE IMPORTANCE OF BIODIVERSITY: IMPLICATIONS FOR TEACHER TRAINING COURSES
A. Almeida

DROPOUT AMONG THE TRIBAL CHILDREN OF INDIA: A PROPOSED MODEL FOR EVALUATION OF THE CAUSES AND CONSEQUENCES
R. Biswal, A. Nayak

WIDENING ASPIRATION AND BUILDING EQUITY IN HIGHER EDUCATION: DEVELOPING GUIDING PRINCIPLES FOR EDUCATIONAL RESOURCE DESIGN
T. Attwell

CAN AN ONLINE ENVIRONMENT REPLACE ON-CAMPUS PROJECT-BASED COMPUTING ASSESSMENT?
B. Barmada, A. Chitalia, S. Dacey, G. Lovell, L. Song

MAKING SOUNDS VISIBLE: AN ICT-ENHANCED APPROACH TO TEACHING ITALIAN ENUNCIATION TO VOCAL MUSIC MAJORS IN A JAPANESE COLLEGE
V.L. Alberizzi

USING POSTER PRESENTATION ACTIVITIES FOR ASSESSMENT IN HIGHER EDUCATION
C. Suriyarangsun, C. Vivekmetakorn, C. Ireland

OBJECT DECIPHERING USING AGRICULTURAL OBJECTS FOR SUSTAINABILITY EDUCATION IN A JAPANESE UNIVERSITY LIBRARY
S. Tanabashi

DISTANCE LEARNING USING LIFE SCIENCE OBJECTS IN VIRTUAL SETTINGS: ONE CASE STUDY OF DIGITAL OBJECT-BASED LEARNING IN A JAPANESE UNIVERSITY
S. Tanabashi

OBJECTIVE ASSESSMENT OF THE TRAINING EFFECTIVENESS IN ROBOTIC SURGERY: A STUDY CONDUCTED IN BULGARIA
T. Kalinov, A. Zlatev, N. Koleva, K. Bliznakova

GEOMETRY AND ITS APPLICATION IN THE CONCEPTS OF ARCHITECTURE STUDENTS' PROJECTS
A.M. Graur, A.E. Voinean, A.M. Oprică

COMPETENCY TREE APPLICATION IN TEST QUESTIONS ORDDERING FOR CONSISTENTLY INCREASING COMPETENCY LEVEL EVALUATION
O. Ovsirenko, S. Ramanauskaitė

LEARNING STYLES OF STUDENTS - FUTURE TEACHERS OF PROFESSIONAL SUBJECTS
I. Bitran

INNOVATING EDUCATION: DEVELOPING SELF-PACED ONLINE COURSE FOR DISTANCE LEARNING ENGINEERING STUDENTS
O. Labunova, E. Safitulina, O. Ovsirenko

USING CHILDREN'S LITERATURE AS A MEDIUM FOR TALKING ABOUT WAR AND ITS CONSEQUENCES WITH CHILDREN IN THE CLASSROOM
M. Bruyninckx, L. Lacourt, V. Lufin

INTERCULTURAL COMPETENCE DEVELOPMENT AS A PART OF FOREIGN LANGUAGE TEACHING AND LEARNING OF THE STUDENTS OF MANAGEMENT
L. Dančíková

REACHING OUT TO STUDENTS IN AN UNDERGRADUATE ALGORITHMS CLASS: A TEACHERS’ PERSPECTIVE
K. Viswanathan Iyer, P. Venkata Subba Reddy

ONLINE TRAINING COURSES FOR WATER ENGINEERS AND MANAGERS
R.J. Bergillos, A. Solera, J. Paredes-Arquiola, J. Andreu

EMPOWERING ACADEMIC PERFORMANCE: DATA-DRIVEN MENTORING FOR PERSONALIZED EDUCATION THROUGH LEARNING ANALYTICS
M. Cuesta, C. Lancho, I. Martín de Diego, A. Fernández-Isabel, E.L. Cano, J.M. Moguerza
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVALUATION OF PROJECT-BASED LEARNING THROUGH VIDEO-PRESENTATIONS</td>
<td>1841</td>
</tr>
<tr>
<td>BY STUDENTS</td>
<td></td>
</tr>
<tr>
<td>R.J. Bergillos, J. Paredes-Arquiola, A. Sanchis-Plasencia</td>
<td></td>
</tr>
<tr>
<td>DIGITAL TECHNOLOGY IN NURSING EDUCATION: AN IN-DEPTH LOOK AT</td>
<td>1842</td>
</tr>
<tr>
<td>STUDENTS’ EXPERIENCES</td>
<td></td>
</tr>
<tr>
<td>S. Lićen, M. Prosen</td>
<td></td>
</tr>
<tr>
<td>INNOVATIONS IN LANGUAGE TEACHER EDUCATION: PREPARING PRE-SERVICE</td>
<td>1848</td>
</tr>
<tr>
<td>TEACHERS FOR THE MULTILINGUAL REALITY OF CONTEMPORARY CLASSROOMS</td>
<td></td>
</tr>
<tr>
<td>G. Neokleous, A. Krulatz</td>
<td></td>
</tr>
<tr>
<td>DOES THE DIGITALIZATION OF PRACTICAL EXAMS IN MENTORING EDUCATION</td>
<td>1849</td>
</tr>
<tr>
<td>REFLECT A PRACTICAL EXAM’S TRUE NATURE?</td>
<td></td>
</tr>
<tr>
<td>A. Nørstebø, O. Dahl, O. Boe</td>
<td></td>
</tr>
<tr>
<td>THE EDUCATIONAL VALUE OF SUSTAINABLE PACKAGING DESIGN CREATED</td>
<td>1856</td>
</tr>
<tr>
<td>THROUGH THE USE OF ARTIFICIAL INTELLIGENCE</td>
<td></td>
</tr>
<tr>
<td>B. Hasirci, D. Hasirci</td>
<td></td>
</tr>
<tr>
<td>DECODING THE DISCIPLINE: EMPOWERING CREATIVITY FOR MARKETING</td>
<td>1866</td>
</tr>
<tr>
<td>EDUCATION AND BEYOND</td>
<td></td>
</tr>
<tr>
<td>J. Lau</td>
<td></td>
</tr>
<tr>
<td>PRACTICAL METHODS FOR BIOPHILIC APPROACHES IN INTERIOR DESIGN</td>
<td>1867</td>
</tr>
<tr>
<td>UNDERGRADUATE EDUCATION</td>
<td></td>
</tr>
<tr>
<td>D. Hasirci, S. Rolla, I. Bakir Kucukkaya</td>
<td></td>
</tr>
<tr>
<td>REVOLUTIONIZING COMMUNICATION AND LANGUAGE STUDIES IN HIGHER</td>
<td>1877</td>
</tr>
<tr>
<td>EDUCATION</td>
<td></td>
</tr>
<tr>
<td>P. Puranen</td>
<td></td>
</tr>
<tr>
<td>TEACHING DATA VISUALIZATION STRATEGIES TO MAP GENDER EQUALITY AND</td>
<td>1878</td>
</tr>
<tr>
<td>COLLABORATIVELY CREATE AN INTERACTIVE MAP OF NOBEL PRIZE AWARDED</td>
<td></td>
</tr>
<tr>
<td>WOMEN</td>
<td></td>
</tr>
<tr>
<td>L. Targa, C. Portalés</td>
<td></td>
</tr>
<tr>
<td>EXPLORING PERSPECTIVE-TAKING BEHAVIOR IN DIALOGIC CLASSROOMS: A</td>
<td>1886</td>
</tr>
<tr>
<td>RETRODICTIVE QUALITATIVE MODELING APPROACH</td>
<td></td>
</tr>
<tr>
<td>C. Tsolakis, M. Mannoura, E. Frydaki</td>
<td></td>
</tr>
<tr>
<td>PROJECT “INSERT” (PORTUGAL): CONTRIBUTIONS FROM AND FOR FILM</td>
<td>1893</td>
</tr>
<tr>
<td>EDUCATION</td>
<td></td>
</tr>
<tr>
<td>P. Alves</td>
<td></td>
</tr>
<tr>
<td>ENHANCING THE PRODUCTIVITY OF MEXICAN AGRICULTURE THROUGH THE</td>
<td>1894</td>
</tr>
<tr>
<td>PROVISION OF INDUSTRY 4.0 TRAINING FOR LOCAL FARMERS</td>
<td></td>
</tr>
<tr>
<td>J. Romero-Hidalgo, R. Rodríguez-Carvajal, A. Gallegos-Muñoz, G.</td>
<td></td>
</tr>
<tr>
<td>Hernández-Gómez, P. Isiordia-Lachica</td>
<td></td>
</tr>
<tr>
<td>THE TEMPTATION OF “PRESENTATION AND STORYTELLING!”</td>
<td>1902</td>
</tr>
<tr>
<td>M. Dangli</td>
<td></td>
</tr>
<tr>
<td>EXPERIENCES FROM IMPLEMENTATION OF E-COMMERCE IN SOCIAL CARE FOR</td>
<td>1910</td>
</tr>
<tr>
<td>ELDERLY PEOPLE – AN ACTION CASE STUDY</td>
<td></td>
</tr>
<tr>
<td>B. Forsman, A. Svensson</td>
<td></td>
</tr>
<tr>
<td>EXPLORING AND SUPPORTING THE INSTRUCTIONAL NEEDS OF YOUNG EMERGENT</td>
<td>1914</td>
</tr>
<tr>
<td>MULTILINGUAL LEARNERS: PRACTICE AND POLICY IMPLICATIONS</td>
<td></td>
</tr>
<tr>
<td>C. Zhang</td>
<td></td>
</tr>
<tr>
<td>LET ME TELL YOU A STORY: RETRIEVAL PRACTICE HAS DIFFERENT EFFECTS ON</td>
<td>1915</td>
</tr>
<tr>
<td>EXPOSITORY AND NARRATIVE TEXTS</td>
<td></td>
</tr>
<tr>
<td>M. Hawthorne</td>
<td></td>
</tr>
<tr>
<td>METHODS FOR ADAPTING LEGAL TEXT LEARNING SUPPORT SYSTEMS TO A</td>
<td>1920</td>
</tr>
<tr>
<td>TWO-DIMENSIONAL LEARNING STYLE MODEL</td>
<td></td>
</tr>
<tr>
<td>T. Akakura, T. Kana</td>
<td></td>
</tr>
<tr>
<td>FAILURE AS AN INTEGRAL PART FOR TEACHING THE DESIGN OF COMPLEX</td>
<td>1928</td>
</tr>
<tr>
<td>MECHATRONIC SYSTEMS</td>
<td></td>
</tr>
<tr>
<td>M. Wendland</td>
<td></td>
</tr>
<tr>
<td>STAKEHOLDER SURVEY ON NEEDS AND EXPECTATIONS FOR THE MIXED</td>
<td>1934</td>
</tr>
<tr>
<td>REALITY APPLICATION FOR HEALTHCARE PROFESSIONALS: A CROSS-COUNTRY</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS</td>
<td></td>
</tr>
<tr>
<td>E. Christou, A. Parmaxi</td>
<td></td>
</tr>
<tr>
<td>LEARNING TRANSFER INTO PRACTICE MONITORING MODEL</td>
<td>1943</td>
</tr>
<tr>
<td>A. Lapeniene, L. Zilinskaite</td>
<td></td>
</tr>
</tbody>
</table>
SUSTAINABILITY IN THE TEACHING OF APPLIED MATHEMATICS  1949
J. Kulička

THE GOLD-PLATED SEQUENCE IN CONTEXT OF APPLIED MATHEMATICS EDUCATION  1955
J. Kulička

AVATAR VS A HUMAN LECTURE – STUDENTS’ PREFERENCES AND LEARNING EFFECTIVENESS  1961
E. Gal

BLENDDED AND ADAPTIVE PEDAGOGIES TO SUPPORT HANDS-ON-PRACTICAL LEARNING PROCESS ONLINE IN THE HE ENGINEERING SECTOR  1962
R. Kaur, K. Maher, T. Coole

REPRESENTING MATHEMATICS CLASSROOM SITUATIONS IN CARTOON FORMAT WITH THE DIGITAL TOOL DIVER CREATE – EMPIRICAL EVIDENCE BASED ON USERS’ VIEWS  1967
S. Kuntze, J. Krummenauer, M. Friesen

CHALLENGE BASED LEARNING: PRACTICAL CASE STUDY APPLIED TO THE UNIVERSITY  1976
L. García-Zambrano, M. Ruiz-Roqueni

PREDISPOSITION TO FUNCTIONALLY SOCIAL SPHERES: IMPLICATIONS FOR THE LEARNING PROCESS  1984
V. Dombrovskis, N. Titova, A. Skvorcova

CLOSE TO PRACTICE PARTNERSHIP: THE DEVELOPMENT OF A PARTNERSHIP BETWEEN SETTINGS AND UNIVERSITY STAFF TO CREATE KNOWLEDGE SHARING AROUND THE CO-CREATION OF CLOSE TO PRACTICE RESEARCH PROJECTS  1993
K. Mawson

THE IDENTIFICATION OF SPORT POTENTIAL IN PRIMARY SCHOOL. VALIDATION OF THE SISP SCALE, PRELIMINARY DATA AND PEDAGOGICAL CONSIDERATIONS  1994
C. Sorrentino

IMPLEMENTING THE REFLECTIVE ENGINEER: A TENTATIVE CASE STUDY ON THE IMPLEMENTATION OF AN E-PORTFOLIO TOOL TO SUPPORT STUDENT REFLECTION AND MOTIVATION  1999
M.C. Pickaar

INTEGRATING ALTERNATIVE ASSESSMENT OPTIONS FOR INCLUSIVE LEARNING IN HIGHER EDUCATION  2008
M. Green, K. Ward

DIVERSITY, SOCIAL INEQUALITIES, AND SCHOOL INCLUSION: STUDENTS WITH AN IMMIGRANT BACKGROUND IN THE PORTO METROPOLITAN AREA  2013
M.S. Almeida

SEQUENTIAL IMPLEMENTATION OF INNOVATIVE METHODOLOGIES BASED ON THE COMBINATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES AND FLIPPED CLASSROOM IN THE DEGREE IN CHEMICAL ENGINEERING  2022

CONTENT AND LANGUAGE INTEGRATED LEARNING PRINCIPLES IN FOREIGN LANGUAGE COURSE DESIGN  2029
T. Maykova, O. Teterkina, O. Bagmat

DEVELOPING LEXICAL COMPETENCE IN FOREIGN LANGUAGE TEACHING AT UNIVERSITY: PROBLEMS AND POSSIBLE SOLUTIONS  2034
I. Samoshkina, E. Klyukina

HIGHER EDUCATION IN IRAQI KURDISTAN: PROBLEMS, SOLUTIONS, UNIVERSITY RANKINGS  2043
T. Maykova, O. Teterkina, O. Bagmat

SIGNIFICANCE OF BOOKS DEVELOPED IN ERASMUS+ PROJECTS FOR PARTICIPANTS AND BEYOND  2048
D.A. Krawczyk, B. Biernacka

WHAT DOES SOCIAL AND EMOTIONAL LEARNING REALLY MEAN? AN EARLY YEARS PERSPECTIVE  2054
J. Wong-Powell

ENGLISH TEACHERS’ GAMIFICATION SATISFACTION AND PERCEPTION SCALE (ETGSPS) - CONCEPTUALISATION AND PILOT DEVELOPMENT  2065
J. Helvich, L. Novák, P. Mikoska, S. Hubalovský

XXX
PREPARING PRESERVICE TEACHERS TO TEACH CYBER SECURITY EDUCATION: EXAMINING THEORETICAL APPROACHES  
C. Navarrete  
2215

STUDENTS’ EXPECTATIONS ABOUT WHAT UNIVERSITIES SHOULD DO WITH LEARNING ANALYTICS  
L. Martins Gironelli, L. Lluch Molins, E. Cano García  
2222

CULTIVATING A GLOBAL MINDSET IN FIRST YEAR CYBERSECURITY STUDENTS THROUGH INTERNATIONALIZATION OF CURRICULUM  
A. Jaiswal, M. Sapkota, T. Karabiyik, P. Thomas  
2226

THE ROLE OF ONLINE LEARNING PLATFORMS IN TEACHING COMPUTER SCIENCE AT ELEMENTARY SCHOOL  
A. Katyetova  
2231

THE VALIDATION OF AN EFFECTIVE COLLEGE TEACHING INSTRUMENT  
S. Robinson, C. Eck, K. Cole  
2236

THE ONLINE LEARNING APPRAISAL SURVEY (OLAS): CONFIGURING EDUCATION IN THE POST-PANDEMIC LANDSCAPE  
D. Rivers  
2237

THE PERCEIVED AFFORDANCE OF COVID-19 ONLINE EDUCATION: MAPPING THE ROLE OF PERSONALITY AND RESPONSES TO STRESS  
D. Rivers  
2238

INNOVATIVE EDUCATION TOOLS TO STREAMLINE THE TRAINING OF SAFETY AND SECURITY EXPERTS  
E. Sventeková, M. Sibila, P. Prievozník, M. Vandlíková  
2239

ASSESSING THE CONDITIONS OF THE WORKING ENVIRONMENT IN SCHOOLS AND ITS IMPACT ON THE QUALITY OF EDUCATION  
E. Sventeková, P. Prievozník, M. Vandlíková, M. Sibila  
2245

PROBLEMATIC MOMENTS OF IMPLEMENTING VIRTUAL REALITY IN THE EDUCATIONAL PROCESS: CLIMATE CHANGE EDUCATION EXAMPLE  
M. Titko, J. Studená  
2251

THE NEED FOR EDUCATION ON CRISIS MANAGEMENT AND ECONOMICS TO MANAGE CLIMATE-RELATED DISASTERS  
S. Strelcová, M. Titko  
2258

THE USE OF VIRTUAL REALITY IN SECONDARY HEALTH SCHOOL  
M. Hubálovská, S. Major, N. Hurdálková, D. Černá  
2265

CULTURAL RESPONSIVE DIALOGUES FOR SCIENCE TEACHERS  
A. Pil, C. Balck  
2275

INTEGRATED THEMATIC INSTRUCTION AT PRIMARY SCHOOL  
K. Baramcová  
2276

STAYING LOYAL AND BENDING RULES: RESPONSES FROM POLICE EDUCATORS TO COLLABORATIVE CHALLENGES IN A HYBRID ORGANIZATION  
J.H.I. Helgesen, J.Y. Dahl, O. Boe  
2277

DEVELOPMENT OF METHODOLOGIES AND MODELS FOR THE REPRESENTATION OF THE BEST INNOVATION PRACTICES IN A USER-GENERATED CONTEXT  
B. Mänttä, M.T. Sigri  
2287

THE IMPACT OF THE CORONAVIRUS PANDEMIC ON THE DEVELOPMENT OF HYBRID LEARNING  
M. Závodná, P. Kočková, L. Faltýnková, K. Kostolányiová  
2295

PROMOTING THE SUSTAINABLE DEVELOPMENT GOALS IN CIVIL ENGINEERING DEGREE  
A. Santamaría, J.M. Hernandez-Vazquez, H. Perez-Acebo, X. Oregi, N. Urrutia  
2302

ONLINE DISTANCE INSTRUCTION: DEVELOPMENT IN PRE-SERVICE TEACHERS’ ATTITUDES  
L. Faltýnková, M. Závodná, I. Šimonová, K. Kostolányiová  
2308

BUILDING SUSTAINABILITY  
I. Eguia Ribero, I. Alízarrez, A. Goti Elordi, E. Alberdi, A. Santamaría  
2316

A RESEARCH METHODOLOGY THAT INCLUDES UNIVERSITY-INDUSTRY COOPERATION FOR THE IDENTIFICATION OF STAKEHOLDERS’ EXPERIENCES ON EQUALITY, DIVERSITY AND INCLUSION IN APPLIED BUSINESS MANAGEMENT AND UNDERGRADUATE BUSINESS EDUCATION  
E. Georgakakou, A. Stenson, H. Ikävalko, J. Broene, A. Kameas  
2321
MANAGEMENT ACCOMPANIMENT AND THE DEVELOPMENT OF LEADERSHIP PRACTICES
P. Silva, I. Vera

CITIZEN SCIENCE IN SOCIAL SCIENCES AND HUMANITIES – TRENDS AND PERSPECTIVES
T. Ivanjko, Z. Horvat, S. Ajanović

THE "BEING A PART OF IT" METHODOLOGY: VET STUDENTS PARTICIPATING IN RESEARCH PROJECTS FROM THE CLASSROOM

OVERCOMING THE BARRIERS IN CLIENT-BASED LEARNING: A CASE STUDY
L. Tabbaa, M. Green, B. Epsley

FOSTER TEACHER-STUDENT INTERACTION IN THE CLASSROOM AND ACTIVE LEARNING THROUGH INVESTMENT POLLING WITHIN THE FRAMEWORK OF DRAWING COURSES
F.M. Ugliotti, M. Zucco

APPLICATION OF THE GROWTH MINDSET ACROSS DISCIPLINES ON STUDENT ACADEMIC PERFORMANCE AND PERSISTENCE

TIME MANAGEMENT AND THE EFFECTIVENESS OF TEACHING - ON THE EXAMPLE OF TEACHING CHEMISTRY IN PRIMARY SCHOOLS
M. Nodzyńska-Moroń, A. Baprowska

INTERNATIONALISATION AS A BRIDGE TO THE FUTURE FOR INTERPROFESSIONAL EDUCATION DEVELOPMENT OF HEALTHCARE SPECIALISTS’ GLOBAL COMPETENCES: A CASE STUDY IN ESTONIA
J. Sepp, K. Puusepp, U. Kõrgemaa

FACTS AND MYTHS ABOUT RADIATION - BASED ON THE STATEMENTS OF HIGH SCHOOL STUDENTS
M. Nodzyńska-Moroń, M. Chrzanowski, A. Siporska

METHODOLOGY FOR MASTERS’ STUDENTS STUDYING THE SIMULATION MODELLING OF MULTIDIMENSIONAL SIGNALS
T. Kim, A. Sotnikov, N. Askerova, D. Areshchenkov

QUALITY REPORTING ON STUDENT LEARNING OUTCOMES: A SINGLE CASE STUDY OF THE WHY, WHAT AND HOW TO EVALUATE LEARNING OUTCOMES AT THE STUDY PORTFOLIO LEVEL
I. Furfjord, O. Boe

ENHANCING COMPUTER SCIENCE EDUCATION: INTRODUCING HIGH-PERFORMANCE COMPUTING AND VIRTUAL DATA SCIENCE LABS IN LOWER-LEVEL CURRICULUM
X. Suo

IMPACT OF THE COVID-19 PANDEMIC ON COMPUTER SCIENCE EDUCATION. CASE STUDIES: SLOVAKIA AND SPAIN
M.C. Ruiz, D. Gruska, C. Gregorio-Ruiz

PAPE METHOD AS AN INNOVATIVE STRATEGY FOR TEACHING NATURAL SCIENCES IN ELEMENTARY EDUCATION
P. Arcia, P. Fuentes, A. Fuentetabla, C. Retamal, E. Mardones, S. Lara, T. Mascaró, M. Centeno

ROBOT ASSISTED LANGUAGE LEARNING: APPLICATION OF EDUCATIONAL ACTIVITIES WITH DUCKYCODE ROBOT IN THE ENGLISH CLASSROOM
S. Pampaliari, P. Panagiotidis, T. Sapounidis

ENHANCING CREATIVE INDUSTRIES EDUCATION: INTEGRATING INDUSTRY FEEDBACK PRACTICE IN AN UNDERGRADUATE CURRICULUM
B. Epsley, L. Tabbaa

EDUCATIONAL ACTIVITIES AIMED AT INCREASING YOUNG PEOPLE'S INTEREST IN MATHEMATICS AND PHYSICS
J. Laitochová, M. Uhliřová, J. Vaško

ETHICAL ISSUES OF DIGITAL IDENTITY IN METAVERSE
P. Arcia, A. Fuentetabla, C. Retamal, S. Lara, E. Mardones, T. Mascaró, P. Fuentes, M. Centeno

ENHANCING FOREIGN LANGUAGE LEARNING THROUGH FLIPPED CLASSROOM: A CASE STUDY IN GREEK PUBLIC PRIMARY SCHOOLS
C. Rapti, P. Panagiotidis
LEARNING INNOVATION IN HIGHER EDUCATION: UNDERSTANDING THE CONTRIBUTIONS OF LEARNING PROFESSIONALS ACROSS THE INSTITUTION
P. Howard

LEARNING CULTURAL HERITAGE DATA IDIOSYNCRASY THROUGH SCIENTIFIC GRAPHS

THE IMPACT OF COMMUNITIES OF PRACTICE AT THE UNIVERSITY OF TRENTO: RESEARCH-BASED LESSONS LEARNT
D. Agostini, F. Picasso, S. Maniero, A. Serbati, P. Venuti

THE TRANSFER OF 21ST CENTURY STUDENTS’ KNOWLEDGE AND SKILLS USING THE CARTOON-BASED PBL FRAMEWORK FOR THE TEACHING OF THE HISTORY SUBJECT IN MALAYSIA
M.N. Md Zabit, T.Z. Zachariah, N.I. Mohd Shafri, N. Abdul Wahab, N.A. Hassan

THE RELATIONSHIP BETWEEN EMOTIONAL INTELLIGENCE, ACADEMIC SELF-EFFICACY, AND ACADEMIC ANXIETY LEVEL OF YEAR SIX PUPILS IN MALAYSIA
M.N. Md Zabit, M.K. Tahir, T.Z. Zachariah, M.S. Othman

COMPETENCES OF PRIMARY EDUCATION TEACHERS IN WORKING WITH PUPILS WITH A DIFFERENT MOTHER LANGUAGE
M. Brozmanová, B. Žitniaková Gurgová

RELATIONSHIPS OF SLOVAK PUPILS WITH PUPILS WITH A DIFFERENT MOTHER LANGUAGE IN PRIMARY CLASSROOMS
B. Žitniaková Gurgová, M. Brozmanová, S. Sedliačiková

IMPROVING INFORMAL LEARNING EXPERIENCES FOR DESIGN STUDENTS: AN INNOVATIVE PROGRAM OF THE SCHOOL OF DESIGN OF POLITECNICO DI MILANO
A.G. Manciaracina

PREVENTION OF XENOPHOBIA AMONG STUDENTS BY APPLYING THE CRITICAL THINKING DEVELOPMENT PEDAGOGICAL TECHNOLOGY
A. Astahova, I. Shatokhina, E. Scherbina, O. Sheslopalova

A TRANSDISCIPLINARY EXPERIENCE AMONG MATHEMATICS, PHYSICS AND DATA VISUALIZATION
M. Gallana Martínez, H. Espinós Morato, L. Seguí Gil

MAKING THE CLASSROOM MORE DYNAMIC WITH ICT: USING MAGNIFYING LENSES ATTACHED TO A SMARTPHONE FOR WOOD IDENTIFICATION
A. García-Iruela, J.V. López, L. García Esteban, P. de Palacios, F. García-Fernández

MAKING SENSE OF STUDENTS’ PROCRASTINATION HABITS: A COMBINED APPROACH INCORPORATING SYSTEMS THINKING AND LEARNING ANALYTICS
W. Coetzee, R. Goede

IMPACTS OF FLIPGRID IN EDUCATION: HARNESSING POTENTIAL AND ADDRESSING CHALLENGES IN TEACHER-LED STRATEGIES
A.M. Fonseca, T.M. Loureiro Cardoso

THE CLIL LANGUAGE SHADOW TEACHER CO-TEACHING MODEL
M. Dangl, A. Karasteriou

THE ROLE OF BLENDED (E)LEARNING IN THE CONTEXT OF THE WIKIPEDAGOGIES
T.M. Loureiro Cardoso, F. Pestana

ASSESSING CRITICAL THINKING AND CONTEXTUAL PROBLEM-SOLVING OF STUDENTS OF THE FACULTY OF ARCHITECTURE AND URBAN PLANNING IN CLUJ-NAPOCA, ROMANIA
A.M. Oprică, A.E. Voineu, A.M. Graur

UTILIZING ARTIFICIAL INTELLIGENCE AS A TOOL TO ENHANCE STUDENT PARTICIPATION IN THE CLASSROOM THROUGH THE EFFECTIVE EVALUATION OF RESEARCH WORKS’ QUALITY
A. Barreda, B. García-Cámara, D. Ortiz de Zárate-Díaz, E. Pinilla-Cienfuegos, L. Mercadé

REVISIONS IN CURRICULA OF PRACTICAL ACTIVITIES AT THE FACULTY OF ARCHITECTURE AND URBAN PLANNING IN CLUJ-NAPOCA, ROMANIA
A.M. Oprică, A.E. Voineu, A.M. Graur

SPECIAL EDUCATIONAL NEEDS AND DISABILITIES: A DECISION SUPPORT TOOL FOR PARENTS AND PROFESSIONALS
G. Vettriano, J. Banks, T. Makeswaran, B. Essex, G. Hopkins

ANALYSIS OF THE VAN HIELE TEST SOLUTIONS OF 9TH GRADERS IN SLOVAKIA
G. Pavlovičová, V. Bočková, L. Rumanová
MEASUREMENT OF COMPETENCE MANAGING A CASE OF ACUTE CHOLECYSTITIS WITH SIMULATED PATIENTS: COMPARING MEDICAL STUDENTS FROM TWO DIFFERENT YEARS, BOTH AT THE BEGINNING AND END OF THE COURSE
E. Cervera-Barba, S. Denízón-Arranz, R. Castañeda-Vozmediano

THE ROLE OF COMMITTEE SECRETARY IN FINAL EXAMINATIONS AT THE FACULTY OF ARCHITECTURE AND URBAN PLANNING IN CLUJ-NAPOCA
A.E. Voinca, A.M. Oprică

OPPORTUNITIES AND CHALLENGES OF STAFF MOBILITY AT THE FACULTY OF ARCHITECTURE AND URBAN PLANNING IN CLUJ-NAPOCA
A.E. Voinca, A. Graur, A.M. Oprică

NURSES’ LEGAL KNOWLEDGE AND AWARENESS OF PLAGIARISM
U. Kõrgemaa, J. Sepp, K. Puusepp

A PILOT INTERVENTION USING REAL LIFE LINEAR FUNCTION TASKS AND ITS RELATION TO SELF-REPORTED MATH AND FUNCTION INTEREST AND UTILITY
T. Kilp-Kabel, K. Mädamäärk

APPLICATION OF THERMOGRAPHY IN EDUCATION: A BIBLIOMETRIC AND META-ANALYSIS
E. García-Peralto, P. Rodríguez-Gonzálvez, M. Rodríguez-Martín

COLORIMETRY AT HIGH SCHOOL!
P. Kotsikis

DESIGN AND APPLICATION OF FLIPPED CLASSROOM METHODOLOGY IN THE SUBJECT OF PHYSICAL GEODESY
P. Rodríguez-Gonzálvez, M. Rodríguez-Martín, E. Nocerino, P. García-Osorio

ENHANCING LEARNING AND MOTIVATION: EXPLORING THE IMPACT OF EDUCATIONAL BREAKOUT GAMIFICATION IN VOCATIONAL TRAINING
I. Montero

EMPOWERING TEACHERS’ PERSONAL, PROFESSIONAL AND SOCIAL CONTINUOUS DEVELOPMENT THROUGH AN INDUCTION PROGRAMME BASED IN PEER-MENTORING
A. Monteiro, P. Costa, M. Peixoto, M. Amador

ON LANGUAGE PRAGMATICS OF SOCIAL PROBLEMS REPRESENTATION IN THE COURSE OF TRANSLATION (FILM DISCOURSE STUDIES)
N. Stepanova, O. Ramantova

A VIRTUAL REALITY ENVIRONMENT TO CREATE EMPATHY FOR MIGRANTS: DESIGN, DEVELOPMENT AND VALIDATION
J. Bacca-Acosta, C. Avila-Garzon, C. Carranza-Martínez, S. Banquez-Zapata

TOWARDS A NEW MEDIOCRITY | THE PERILS OF POST-PANDEMIC GRADE INFLATION
V. Hui, J. Levy, S. Haider, J. Thomas, K. Wei, R. Kim

LEVERAGING VIRTUAL REALITY AFFORDANCES TO ENHANCE LEARNING ENVIRONMENTS: THE IMPORTANCE OF A THEORETICAL AND CONCEPTUAL FRAMEWORK TOWARDS THE ADOPTION OF VR IN HIGHER EDUCATION CURRICULA
D. Mizza

EXPLORING COLLABORATIVE WORK DIMENSIONS IN ENGINEERING EDUCATION: EVALUATING STUDENT’S PERCEPTIONS TO RECOGNIZE BEST PRACTICES
J.J. Carracedo-Navarro, B.J. Maldonado-Guevara

BACK TO ABNORMAL | REFLECTIONS ON ARCHITECTURE PEDAGOGY IN THE POST-PANDEMIC ERA
V. Hui, J. Kraft, J. Levy, J. Thomas, D. Morozova, S. Scarce

[ALMOST] EXPERIENCING ARCHITECTURE | IMMERSIVE STUDIO ADOPTION
V. Hui, S. Searce, E. Lensin, D. Roumanis, D. Morozova, K. Wei

DEVELOPMENT OF DIGITAL SUPPORT MATERIALS USING ICTS TO IMPROVE THE ACADEMIC PERFORMANCE OF STUDENTS IN ECONOMETRICS SUBJECTS
A. Soberon

BECAUSE DESIGN STUDENTS GIVE A DAMN | INCULCATING ADVOCACY IN ARCHITECTURE
V. Hui, A. Weiss, E. Fernandes, H. Kauremszky, C. Rodríguez Perfetti, L. Castellan

REAFFIRMING DESIGN-BUILDS IN ARCHITECTURAL PEDAGOGY | BUILDING BACK PLACE, CRAFT, AND COMMUNITY LOST IN THE PANDEMIC
V. Hui, K. Hoang, R. Allataifei, D. Roumanis, J. Kraft, R. Kim, W. Galloway
TAKE A SEAT | THOUGHT BY HANDLING
V. Hui, E. Guan, E. Lensin, K. Nguyen, J. Levy, R. Kim

THE [MEDIA] ARCHITECTURE OF THE CITY | POP-UPS TO PARKS
V. Hui, C. Parente, A. Weiss, C. Rodríguez Perfetti, V. Rodríguez Zurita, L. De Bartolo, K. Nguyen

USE OF COMICS TO ENHANCE READING AND LEARNING IN UNIVERSITY STUDENTS
A.N. Castañeda-Sorribán, A.A. Mendoza-Amador, M.A. Carballo-Ontiveros

DESIGNING SCHOOL-BASED PROFESSIONAL EXPERIENCE AS COLLABORATIVE SELF-DEVELOPMENT IN A SHARED EPISTEMIC SPACE
D. Talbot

BEYOND THE ARCHITECTURE OF IMAGE | EMERGENT FABRICATION OPPORTUNITIES
V. Hui, N. Spivak, L. Leung, J. Stojanovska, J. Levy, R. Kim, S. Mobashar

ARCHITECTURE AS SERVICE | HOW TO TEACH ARCHITECTURE
V. Hui, N. Spivak, S. Haider, S. Scarce, E. Lensin, H. Al-Fayez

REFLECTIONS ON DELAYED BIM INTEGRATION TO DESIGN AND ARCHITECTURE PEDAGOGY

EFFECTIVELY SUPPORTING STUDENTS IN RECOVERY FROM ADDICTION: PERSONAL PERSPECTIVES ON INSTITUTIONAL CHALLENGES
E. Tuite

GLOBALIZER: TINDER FOR EDUCATORS
K. Blair, A. Shabut

ENHANCING REUSABILITY IN COMPUTER SCIENCE PROJECT WORK: A QUALITATIVE EXPLORATION IN GERMANY AND FINLAND
M. Fischer, S. Rüßler, D. Szafarski

RESEARCH ON TEACHERS’ PERCEPTIONS OF IMPROVISING MOLECULAR MODELS FOR CHEMISTRY CLASSES IN ANGOLAN SECONDARY EDUCATION
J.L. Manuel

TEACHING CHINESE SCHOOLCHILDREN RUSSIAN OUTSIDE THE LANGUAGE ENVIRONMENT
E. Buzalskaia, N. Liubimova, Z. Zinan

PERSONALITY FORMATION UNDER CONDITIONS OF MULTILINGUAL EDUCATION
L. Satarova, G. Nurtdinova, G. Fassakhova, L. Islamova

TRAINING PROFESSIONALLY ORIENTED COMMUNICATION IN GERMAN OF THE SPECIALISTS IN THE FIELD OF TOURISM
L. Satarova, G. Nurtdinova, G. Fassakhova, L. Islamova

MEASURING THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE HIGHER EDUCATION ENVIRONMENT AN ANALYSIS OF LEARNING AT A FEDERAL UNIVERSITY IN BRAZIL
A.L. Przybysz, C.P. de Sá, R.N. Pagani

EXPLORING THE RELATION OF MASTERY MOTIVATION AND SOCIAL SKILLS IN PRESCHOOL CHILDREN
K. Józsa, T.Z. Oo, G.E. Assefa, G. Józsa

SEARCHING FOR AN UNDERLYING MECHANISM GOVERNING PRE-SERVICE TEACHER ASSESSMENT IN THE NORTHWEST OF ENGLAND: AN EXAMPLE OF ADOPTING A CRITICAL REALISM APPROACH FOR TEACHER EDUCATION RESEARCH
R. Tynan

EFFECT OF SOCIO-ECONOMIC STATUS ON ACADEMIC ACHIEVEMENT OF SECONDARY SCHOOL STUDENTS: A CASE STUDY IN BAUCHI STATE, NIGERIA
S. Suleiman

THE USE OF SERVICE-LEARNING METHODOLOGY IN PUBLIC WORKS HERITAGE EDUCATION. GOOD PRACTICES APPLICABLE TO THE DEGREE OF CIVIL ENGINEERING
A. Gil Plana, P. Hernandez Lamas, B. Cabau Anchuelo, J. Bernabeu Larena

"STATIONS: PLACES OF EXCHANGE". A SERVICE-LEARNING PROJECT TO EDUCATE ABOUT THE VALUE OF THE HERITAGE OF PUBLIC WORKS
P. Hernandez Lamas, J. Bernabeu Larena, A. Gil Plana, B. Cabau Anchuelo

xxxvi
ARTIFICIAL INTELLIGENCE IN EDUCATION: ETHICAL CONSIDERATIONS
E. Karagkouni, P. Sotiropoulou

TEACHING CHINESE USING CHATGPT
V. Shen

LEARNING, TEACHING, AND ASSESSING CHALLENGING BIOLOGY CONCEPTS AND PROCESSES USING TEACHER CONSTRUCTED POWERPOINT ANIMATIONS
R. Tynan

TEACHERS’ DISCOURSE ABOUT SCHOOL MATHEMATICS IN SECONDARY EDUCATION
Z. Balampanidou, V. Chrysikou

MENTORSHIP AS A TOOL PROMOTING SUSTAINABLE LIFELONG EDUCATION
A.M. Kimberley, F. Marales Marin

THE IMPORTANCE OF DIARIES IN THE PROFESSIONAL DEVELOPMENT OF TEACHERS, IN A COMMUNITY OF PRACTICE
L. Mestre

PROMOTING CLIMATE SCIENCE EDUCATION THROUGH DIDACTIC EXPERIMENTS: EXPERIMENTA EN FEMININO
M. Stojanovic, N. Lorenzo, R. Sorí, M. Vázquez Dominguez, L. Gimeno Sotelo, B. Argüel Pérez, I. Álvarez

THE WRITTEN DISSEMINATION OF THE RESEARCH PROCESS ON TEACHING PRACTICE AND ITS RESULTS, WITHIN THE PORTUGUESE MOVEMENT OF THE MODERN SCHOOL
L. Mestre

THE PREVALENCE OF BULLYING AND CYBERBULLYING AT VOCATIONAL SCHOOLS IN THE CZECH REPUBLIC
V. Štenclová

CHANGING EDUCATION WITH AI: MACRO TO MICRO
P. Lane, R. Lafferty, E. Jackson, C. Lafferty

SERVICE-LEARNING IN HIGHER EDUCATION: A POWERFUL METHODOLOGY TOWARDS A HUMANISED HEALTH SYSTEM AND SOCIAL INCLUSION
G. Giorgi, V. Carmona, M. Vázquez, C. Del Campo, L.G. González-Rodríguez, M.C. Lozano-Estevan, B. López-Plaza

CHAT GPT AS A TOOL FOR DEBATE-BASED LANGUAGE LEARNING: AN EXPERIMENTAL STUDY
T. Sbardella

THE EBL-5D MODEL: A NEW MODEL TO EXPLORE THE ETHICS OF BLENDED LEARNING
D. Gordon, D. O’Sullivan, P. Doyle, T. Baloh

Q: SHOULD THE USE OF CHATGPT BE CONSIDERED PLAGIARISM? A: IT DEPENDS A LOT ON WHAT YOU MEAN BY PLAGIARISM!
D. Gordon, P. Doyle

THE SUPPLEMENTARY EDUCATION OF INCOMING STEM STUDENTS
G. Tarjányiová, P. Hockicko

CONFRONTING UNCERTAINTY: A CRITICAL COLLABORATION EXPLORING AI IN HIGHER EDUCATION
D. Cormier, B. Stewart

ASSESSMENT OF PHYSICS IN MEDICAL IMAGING AND RADIOTHERAPY COURSE TRANSFORMATION FOR HEALTHCARE STUDENTS
L. Carramate, S. De Francesco, S. Pinto, F. Carvalho, A. V. Rodrigues

IDEA CHALLENGE: AN ENGINEERING CHALLENGE CO-DESIGNED TOGETHER WITH COMPANIES TO FACILITATE LEARNING AND INTEGRATION INTO THE LABOUR MARKET
C. Fernández-Jiménez, F.J. Barbas, M.L. Rapún

EDUCATION FOR SOCIAL JUSTICE IN HIGHER EDUCATION: A COMPARATIVE PERSPECTIVE
D. Warren, J. Kropac

EDUCATING GOVERNMENT: ENERGIZING THE CREATIVE ARTISAN ECONOMY IN NICARAGUA
P. Lane, C. Gage, E. Gomez, E. Gomez

INNOVATING MATHEMATICS PEDAGOGY THROUGH SUBORDINATING TEACHING TO LEARNING
A. Powell
USING EPORTFOLIOS TO DEMONSTRATE THE ACHIEVEMENT OF AFL COURSE LEARNING OUTCOMES
I. Saad

LEVERAGING COGNITIVE LOAD THEORY FOR ENHANCED SELF-INSTRUCTIONAL MATERIAL DESIGN IN ONLINE DISTANCE LEARNING: AN EXPLORATION OF MYINSPIRE LMS IN OPEN UNIVERSITY MALAYSIA (OUM)
Z. Hamidon, M.L. Abdullah, Y. Yusoff

INTRODUCTION OF ELECTRONIC LEARNING IN THE EDUCATIONAL MODULE “PHYSICAL PREVENTION OF CONSEQUENCES OF THE OVERUSE OF DIGITAL DEVICES"
R. Yoshinov, B. Yoshinov, I. Koleva

EXAMINING THE RELATIONSHIP BETWEEN TEST ITEM DIFFICULTY RATINGS AND THE PERFORMANCE OF PEDAGOGY AND NON-PEDAGOGY UNIVERSITY STUDENTS

PAYING THE WAY TOWARDS SUSTAINABLE ENTREPRENEURSHIP EDUCATION
G. Sakellaris, M. Kubankova, S. Albertini, S. Marinelli

INVESTIGATION OF PRESCHOOL CHILDREN’S CONCEPTIONS ABOUT THE CONCEPTS OF SCIENCE, SCIENTIST AND RESEARCH
K. Szarka, M. Szalai, D. Borbélyová, B. Borovicza, K. Paulíková

COMPARATIVE CASE STUDY ON THE USE OF AR AND PAPER INSTRUCTIONS IN INDUSTRIAL ASSEMBLY - INFORMAL LEARNING & CLOSING EXPERIENCE GAPS ON THE JOB
L. Königs

LECLIC: A STEM DESIGN BASED LEARNING APPROACH FOR VIRTUAL REALITY GAME CREATION ON CLIMATE CHANGE IMMERSION
A. Serradó Bayés, M. Pavón Iglesias

HEALTH AND LIFE PROTECTION COURSES AS EDUCATION IN THE FIELD OF SECURITY AND SAFETY
A. Vellás, R. Lenková, M. Ligday

EFFECT OF GRADED GAMIFICATION ACTIVITIES ON STUDENTS’ DEEP LEARNING

SERIOUS VIDEO GAMES TO SUPPORT PROJECT MANAGEMENT TEACHING & LEARNING: A FRAMEWORK BUILT TO ALLOW THE TOPIC OF PROJECT MANAGEMENT TO BE CUSTOMIZED AND CHARACTERIZED WITHIN DIFFERENT CONTEXTS BOTH FOR ACADEMIC WORLD AND PRIVATE & PUBLIC ORGANIZATIONS
H. Sedehi, F. Baleani

STUDENTS OF HELPING PROFESSIONS- DEVELOPMENT OF THEIR PROFESSIONAL COMPETENCES THROUGH THE PRACTICE
K. Minarovicova, J. Uhlarikova

ALGEBRAIC THINKING IN STUDENTS FROM COMMUNICATION AND MULTIMEDIA
M. de Oveira Silva, P. Catarino, A.P. Aires, M.M. Nascimento

SCHOOL SEXUALITY EDUCATION IN PORTUGAL: KNOWLEDGE AND SOURCES - COMPARING 2007 AND 2021
D. Vilar

CLIMATE RESEARCH AND DATA SCIENCE NOTEBOOKS: A TOOL TO IMPROVE PROGRAMMING SKILLS IN STUDENTS
M. Vázquez Domínguez, M. Sijanovic, L. Gimeno-Sotelo, R. Sori

PROMOTION OF RELEVANT AND VALID RESEARCH TOPICS AS FINAL DEGREE PROJECTS FOR THE FIRST CLASS OF GRADUATES OF A NEW UNIVERSITY DEGREE
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez

DEVELOPMENT OF A FINAL DEGREE PROJECT AS AN EFFECTIVE AND REAL IMPROVEMENT OF ONLINE POSITIONING OF A NEW SPORTS EQUIPMENT MANUFACTURING COMPANY
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez

INTRODUCTION OF ELECTRONIC EDUCATIONAL MODULE “PHYSICAL PREVENTION OF THE OBESITY”
I. Koleva, B. Yoshinov, R. Yoshinov
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEVELOPMENT OF INTERACTIVE APPS FOR PROBLEM BASED LEARNING FOR LAST YEAR COURSES OF THE DEGREE OF CHEMICAL ENGINEERING</td>
<td>3231</td>
</tr>
<tr>
<td>COMPARISON OF PUPIL BEHAVIOUR REQUIREMENTS IN SCHOOL RULES</td>
<td>3240</td>
</tr>
<tr>
<td>M. Zahathanska, J. Poracova, M. Nagy</td>
<td></td>
</tr>
<tr>
<td>ENGAGING WITH STAKEHOLDERS TO EXPLORE PROOF-OF-CONCEPT FOR A MOBILE APPLICATION AIMED AT IMPROVING MENTAL WELLBEING IN NURSES: A TRAINER-LED EDUCATION AND QUALITATIVE INTERVIEW STUDY</td>
<td>3245</td>
</tr>
<tr>
<td>M. Yildirim, T. Carter, H. Blake</td>
<td></td>
</tr>
<tr>
<td>COLLABORATIVE H5P GENETIC ENGINEERING EXERCISES ON A CODEIGNITER FRAMEWORK: A GAMIFIED EXPERIENCE TO PROMOTE STUDENT INVOLVEMENT AND SELF-ASSESSMENT</td>
<td>3251</td>
</tr>
<tr>
<td>EMPOWERING THE SENSES OUTSIDE: AN INTERVENTION PROJECT ON PEER RELATIONSHIPS IN A DAYCARE CENTER</td>
<td>3259</td>
</tr>
<tr>
<td>M. Conrado, A. Pinheiro</td>
<td></td>
</tr>
<tr>
<td>EXPLORING STUDENTS’ INTERACTION IN MOOCs VIA LEARNING ANALYTICS</td>
<td>3269</td>
</tr>
<tr>
<td>A. Pakula</td>
<td></td>
</tr>
<tr>
<td>PROBING THE ENGAGEMENT OF PROSPECTIVE EDUCATORS IN ACTIVITIES FOSTERING DIGITAL COMPETENCES: AN EXPLORATORY ANALYSIS IN INITIAL TEACHER TRAINING</td>
<td>3278</td>
</tr>
<tr>
<td>E. Cruz, R. Brito</td>
<td></td>
</tr>
<tr>
<td>CITIZENS XELERATOR PROJECT: AN INNOVATIVE METHODOLOGY TO FOSTER ADULTS’ PARTICIPATION IN DEMOCRATIC AND CIVIC LIFE</td>
<td>3289</td>
</tr>
<tr>
<td>C.C. Días, A. Monteiro, A.B. Oliveira</td>
<td></td>
</tr>
<tr>
<td>ORGANIKITS PROJECT: DESIGNING, IMPLEMENTING AND DISSEMINATING A NEW AND INNOVATIVE MATERIAL FOR STEAM EDUCATION PROMOTION</td>
<td>3298</td>
</tr>
<tr>
<td>C.C. Días, D. Pina</td>
<td></td>
</tr>
<tr>
<td>THE EFFECTIVENESS OF USING AUGMENTED REALITY PLATFORM ON STUDENTS’ LEARNING AND MOTIVATION</td>
<td>3306</td>
</tr>
<tr>
<td>M.A. Elhag, H.M. Al Abri, A. Al Ameri</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMATIVE MENTORING: EMPOWERING GROWTH, COLLABORATION, AND SUCCESS</td>
<td>3307</td>
</tr>
<tr>
<td>A. Salter</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS OF PROBLEM SITUATIONS RELATED TO STATISTICAL TABLES IN SPANISH SECONDARY TEXTBOOKS</td>
<td>3311</td>
</tr>
<tr>
<td>J. Pallauta, A. Estrada</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTING DIGITAL PROJECTS FOR FOREIGN LANGUAGE STUDENTS</td>
<td>3318</td>
</tr>
<tr>
<td>L. Naumenko, M. Bolina, K. Bolshakova, I. Orlova, E. Shmidt</td>
<td></td>
</tr>
<tr>
<td>SOCIAL SKILLS DEVELOPMENT IN CHILDREN AGED 4-8 YEARS: A CROSS-COUNTRY COMPARISON OF HUNGARY AND SLOVAKIA</td>
<td>3326</td>
</tr>
<tr>
<td>K. Józsa, T. Z. Oo, D. Borbélyová, G. Józsa</td>
<td></td>
</tr>
<tr>
<td>LIFELONG LEARNING AND PROFESSIONAL TRANSLATOR PRACTICES</td>
<td>3336</td>
</tr>
<tr>
<td>C. Quintas, I. Fernandes Silva</td>
<td></td>
</tr>
<tr>
<td>THE IMPORTANCE OF ATTACHMENT THEORIES IN EARLY CHILDHOOD LANGUAGE EDUCATION</td>
<td>3343</td>
</tr>
<tr>
<td>B. Basarabova, D. Hanesova</td>
<td></td>
</tr>
<tr>
<td>EUROPEAN UNION LITERACY AMONG YOUNGER GENERATIONS IN TIMES OF EUROPEAN ELECTIONS</td>
<td>3351</td>
</tr>
<tr>
<td>M. Ferreira Dias, M. Neca, M. Amorim, C. Alves</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMATIVE SERVICE LEARNING IN CHANGE MANAGEMENT: ENHANCING STUDENT ENGAGEMENT AND COMMUNITY IMPACT THROUGH EDUCATION</td>
<td>3359</td>
</tr>
<tr>
<td>M.A. Omazić, P. Urović</td>
<td></td>
</tr>
<tr>
<td>REDESIGNING THE MASTER’S DEGREE PROGRAMME IN TEACHER EDUCATION IN ITALY. A MIXED-METHOD STUDY</td>
<td>3366</td>
</tr>
<tr>
<td>V. Pagani, F. Passalacqua</td>
<td></td>
</tr>
</tbody>
</table>
THE IMPACT OF NEUROLINGUISTIC RESEARCH FINDINGS ON IMPROVING FOREIGN LANGUAGES TEACHING  
D. Hanesová, A. Pávová  
3371

TBL PLUS IN VEHICLE PRODUCTION TECHNOLOGIES  
M.L. Alves, L. Coelho  
3378

CHATBOT'S PLATFORMS ANALYSIS FOR TEACHERS AND EDUCATORS  
J.M. Meza-Cano  
3385

THE USE OF PROGRAMMING CONTESTS + POSITIVE FEEDBACK TO INSPIRE COMPUTER SCIENCE STUDENTS TO IMPROVE THEIR PROBLEM-SOLVING SKILLS  
L.H. González Guerra, V.M. de la Cueva  
3393

USING THE METAVERSE TO TEACH DISCRETE-EVENT SIMULATION IN HIGHER EDUCATION  
J. Cuevas-Ortuño, A. Zavala  
3398

MATH MOTIVATION, ANXIETY, AND TEACHERS’ EMOTIONAL SUPPORT RELATED TO CALCULATION AND WORD PROBLEM SOLVING SKILLS IN MIDDLE SCHOOL  
S. Petrovych, K. Mädamürk  
3408

FOSTERING CURiosity STIMULi IN BEGINNER PROGRAMING COURSES THROUGH THE USE OF ROBOTS  
C. Pérez Lezama, R. Paredes, S. Barajas-Montiel, M. Gómez-Barrios  
3414

CONTENT ANALYSIS OF THREE SEMESTERS OF A DISCIPLINARY SOCIAL NETWORK ON PSYCHOLOGY  
J.M. Meza-Cano  
3421

DRIVING ECONOMIC GROWTH: UNLOCKING THE POWER OF WORK INTEGRATED LEARNING IN SOUTH AFRICA  
D. Khosa  
3423

THE RELATIONSHIP BETWEEN GRADE 10 LEARNERS’ LABORATORY USE SKILLS AND ACADEMIC PERFORMANCE IN PHYSICAL SCIENCES  
S. Nhlapo, R. Bhagwandeen, M. Lekhu  
3424

AN EVALUATION OF LEARNERS’ PERFORMANCE IN NATURAL SCIENCES TEACHING AND LEARNING THROUGH THE MEDIUM OF ENGLISH AND SESOTHO  
B. Mentoor, R. Bhagwandeen, W. Setlalentoa  
3425

SOCIAL DEMAND FOR THE DIGITAL INFORMATION SYSTEM FOR POLISH MARINE AREAS  
L. Dzierzbicka-Głowacka, D. Dybowski, M. Janecki, A. Nowicki, T. Zieliński  
3426

TEACHERS’ COLLECTIVE AND INDIVIDUAL PERCEPTIONS REGARDING AUTHENTIC LEADERSHIP, MEDIATED BY ORGANIZATIONAL COMMITMENT AND THEIR RELATIONSHIP TO TEACHERS’ BURNOUT AND ORGANIZATIONAL CITIZENSHIP BEHAVIOUR  
S. Tsemach, A. Barth  
3431

METAVERSE AND AUGMENTED REALITY AS TRAINING RESOURCES IN RESEARCH IN LATIN AMERICA  
C. Aguirre  
3432

A TRUE MULTIDISCIPLINARY CAPSTONE EXPERIENCE FOR ENGINEERING STUDENTS  
P. Gorder  
3437

KNOWLEDGE TRANSFER PLATFORM FINDFISH – DIGITAL/WEB SERVICE  
L. Dzierzbicka-Głowacka, M. Janecki, D. Dybowski, P. Pieckiel, A. Nowicki, M. Wójcik, J. Wittbrodt  
3444

FOSTERING GLOBAL SHARED LEARNING CLASSROOM EXPERIENCES: INNOVATIVE COLLABORATION BETWEEN TECNOLOGICO DE MONTERREY, MEXICO AND UNIVERSITY OF BIO BIO, CHILE  
D. Carrillo Nieves, A.Y. Vanoye García, R. Manrique Suárez  
3451

LEARNING EMBEDDED SYSTEMS THROUGH A WATER QUALITY MONITORING SYSTEM IN RIVERSIDE COMMUNITIES WITH ARDUINO  
F. Nieves, A. dos Santos, C. dos Santos, J.V. Reis, J. Natividade, V. Bremgartner  
3457

KINETICAL: USING ARTIFICIAL INTELLIGENCE TO EVALUATE BIOMECHANICAL MOVEMENTS IN FITNESS  
A. Yang  
3465

TEACHING THE ENVIRONMENT AND TECHNOLOGIES THROUGH A METEOROLOGICAL MONITORING AND CARBON DIOXIDE MEASUREMENT PLATFORM BASED ON THE MAKER CULTURE  
I. Florido, A. Rissi, S. Gonçalves, A. dos Santos, J. Sousa, V. Bremgartner, I. Bessa  
3472
DIGITIZATION OF AN EFL CONVERSATION CLASS METHOD  
A. Tappenden, N. Zaitseva, J. Petersen

FAMILY STRESS MODEL AND ASIAN EDUCATION  
J. Petersen

DEALING WITH YET ANOTHER DISRUPTIVE TECHNOLOGY IN HIGHER EDUCATION: A NEW ZEALAND PERSPECTIVE  
E. Kabbar, B. Barnada

THE SOCIO-ENVIRONMENTAL APPROACH OF THE AEROSPACE SECTOR AS SUSTAINABILITY INTEGRATION IN MEXICO  

A MULTIFACETED APP FOR SUPPORTING COMMUNICATION IN GREEK: THE CASE OF “SPEAK ON THE SPOT”  
I. Antoniou-Kritikou, C. Economou, C. Flouda

PRESENTATIONS WITH QUESTION-AND-ANSWER SESSIONS TO FOSTER CRITICAL THINKING IN URBAN MOBILITY ENGINEERING STUDENTS  
A.J. Mc Namara Valdes, R. Florencio da Silva

SCIENTIFIC THEATER AS A STRATEGY FOR RAISING AWARENESS OF THE EXTERNALITIES PRODUCED BY CLIMATE CHANGE, LA PAZ MEXICO  

INSIGHTS INTO THE LEARNING ANALYTICS, SELF-REGULATION SKILLS AND ACADEMIC PERFORMANCE IN HIGHER EDUCATION  
R. Juurikas, B. Petjärv, K. Nõuakas, K. Lattu, T. Murulaid, V. Retšnoi

EXAMINING THE RELATIONSHIP BETWEEN NURSES’ AGE AND THEIR PERCEPTIONS OF PROFESSIONAL EDUCATION: A QUANTITATIVE ANALYSIS  
U. Kõrgemaa

FAMILY BUSINESSES: A THEORETICAL APPROACH TO THE NEEDS FOR COMPETENCE DEVELOPMENT  
M. Ferreira Dias, C. Graça, M. Amorim, D. Magueta, C. Alves

LESSONS AND FUTURE CHALLENGES IN THE APPLICATION OF THE PBL METHOD IN UNIVERSITY EDUCATION SUBJECTS  
J. Milán García, J. De Pablo Valenciano, N. Rueda López, R.M. Martínez Vázquez, F.J. García Corral, J.L. Caparrós Martínez

FIELDWORK AS A SCIENTIFIC WORKSHOP FOR SCHOOLCHILDREN DURING THE SUMMER VACATIONS  
A. Špernjak, N. Kupar

SOCIAL IMPACT OF SCIENTIFIC RESEARCH THROUGH PLAYFUL WORKSHOPS TO ADDRESS CLIMATE CHANGE  
R. Florencio da Silva, A.J. Mc Namara Valdes

INTERNATIONAL VIRTUAL COLLABORATION: EXPLORING STUDENT’S COMPETENCIES AND COURSE BEST PRACTICES  
A. Čizmešija, V. Višaček-Hainš

THE ROLE OF ENGLISH IN LEARNING A NEW FOREIGN LANGUAGE: LIFE STORIES OF UKRAINIAN LEARNERS  
J. Perutkova, N. Kozachuk, I. Savitska, I. Simonova, S. Klimszova

ENGLISH AS A LINGUA FRANCA IN HIGHER EDUCATION OF UKRAINIAN STUDENTS IN 2022-2023  
N. Kozachuk, I. Savitska, J. Perutkova, I. Simonova, S. Klimszova

MODEL OF COLLABORATION BETWEEN STUDENTS AND UNIVERSITY TEACHERS IN A DIGITAL HUMANITIES PROJECT: PROVIDING OPEN ACCESS TO THE IVO MAROJEVIC PHOTO COLLECTION  
T. Ivanjko, G. Zlodi, Ž. Vujić

LEARNING DURING THE WAR: EXPERIENCE OF UKRAINIAN PUPILS IN 2022-2023  
I. Savitska, N. Kozachuk, J. Perutkova, I. Simonova, S. Klimszova

PRIMARY SCHOOL PRE-SERVICE TEACHERS’ UNDERSTANDING OF ORDINAL DATA  
S.M. Valenzuela-Ruiz, C. Batanero, M.M. Gea, J.A. Garzón-Guerrero

POTENTIALS AND LIMITS OF DIGITAL TECHNOLOGIES IN TEACHING ENGLISH THROUGH THE LENS OF NOVICE AND EXPERIENCED TEACHERS  
B. Maciejova, J. Perutkova, N. Kozachuk, I. Savitska, I. Simonova

NARRATIVES OF SCHOOL PRINCIPALS IN THEIR FIRST YEAR AT WORK  
Z. Babchik, O. Schatz- Oppenheimer
CONTEMPORARY LEARNING APPROACHES TO SOCIAL ISSUES: THE REFUGEE CASE
G. Mega

ARTIFICIAL INTELLIGENCE TOOLS IN THE ENGLISH LANGUAGE AND LITERATURE TEACHING: A SYSTEMATIC ANALYSIS OF THE AVAILABLE LITERATURE
Z. Sucháňová

PRACTICING ANALOGUE DEEP LEARNING OF 21ST-CENTURY SKILLS IN TEACHERS’ EDUCATION: HORIZONTAL AND VERTICAL PROMOTION OF NEURAL NETWORKING SKILLS
G. Marci-Boehncke, M. Rath, F. Greiff, L. Hueser, O. Akdeniz

THE DEVELOPMENT OF TRADITIONAL AND AI-GENERATED EXPLAINER VIDEOS AS SUPPLEMENTS TO LITERARY ANALYSIS IN ENGLISH LITERATURE COURSES
Z. Sucháňová

HARNESSING COLLABORATION BETWEEN INFORMATION TECHNOLOGY AND MARKETING THROUGH INTEGRATED ASSESSMENT IN THIRD-YEAR CAPSTONE PROJECTS
J. Langerman, S. Pillay

A FRAMEWORK FOR PHISHING TRAINING
M. Madleňák, K. Kampová, A. Veľas

SHINY APP AS A LEARNING TOOL IN STATISTICS: TRANSPORT PROBLEM IN OPERATIONAL RESEARCH
M.V. Alba-Fernández, N. Lazareva

EXPLORING MOTIVATION FOR BECOMING A TEACHER OF INDONESIAN PRESERVICE TEACHERS: USING FACTORS INFLUENCING TEACHING (FIT)-CHOICE SCALE
K. Tamionova, S. Kusaka, N.R.N. Peni, A. Prabuavu

IMPACT OF INCLUSIVE LEADERSHIP ON EMOTIONAL EXHAUSTION OF THE FACULTY MEMBERS: A SYSTEMATIC LITERATURE REVIEW
P. Pooja, N. Ribeiro

VIRTUAL CAREER-SUPERVISION FOR YOUNG PEOPLE OUTSIDE OF WORK AND EDUCATION
A.C. Wiig, W. Aagre, H. Traedal

THE EXPERIENCE OF CHILDREN ATTENDING DAY CARE CENTRES WHEN REALISING THEIR RIGHT TO PARTICIPATE
R. Raudeliūnaitė, V. Gudžinskienė

CHALLENGES OF HIGHER ECONOMIC EDUCATION AND FACTORS AFFECTING THE EMPLOYMENT OF GRADUATES IN GEORGIA
E. Kharaishvili, I. Natosilishvili, M. Lobzhanidze, T. Lazariashvili

UNDERSTANDING APPROACHES FOR DEVELOPING MIDDLE SCHOOL LEARNERS’ READING SKILLS
N. Mather

INTERACTION AND TRUST IN EMERGENCY RESPONSE ORGANISATIONS: AN AGENCY THEORETICAL AND REFLECTIVE PRACTICE APPROACH INVESTIGATING A NEW TRUST MODEL
J. Bergh, O. Boe, T.J. Steiro

REMOTE FORMATIVE ASSESSMENT WITH MULTIPLE-CHOICE QUESTIONS AND LEVELS OF CERTAINTY: THE IMPACT OF FEEDBACK ON LEARNING

AN EXPLORATION OF USE OF SPEAKING, READING AND THINKING TO SCAFFOLD LEARNERS’ WRITING SKILLS IN PRIMARY SCHOOL
N. Mather

UNIVERSITY AND INDUSTRY COOPERATION IN DEVELOPMENT OF STUDENTS’ ENTREPRENEURSHIP SKILLS
R. Pocevičienė

DESIGNING MODULAR TEACHING SCENARIOS FOR CONVEYING CONCEPTUAL APPROACHES OF ARTIFICIAL INTELLIGENCE USING THE EXAMPLE OF CLUSTERING AND ARTIFICIAL NEURAL NETWORKS
P. Kießling, F. Funke, S. Hofmann

PROPOSING A FRAMEWORK FOR UNDERSTANDING RECRUITMENT STRATEGIES IN PROFESSIONALLY ORIENTED HIGHER EDUCATION
I. Furfjord, O. Boe
THE MNEMONIC EFFECTS OF NON-TRADITIONAL NOTE-TAKING BEHAVIOURS: THE CASE OF PHOTOGRAPHING AND VIDEOTAPING LECTURE CONTENT  
D. Bakodimos  
3747

MISCONCEPTION ON ADDITION AND SUBTRACTION OF FRACTIONS AMONG MIDDLE SCHOOL STUDENTS IN UAE  
A. Jarrah, Y. Wardat, S. Gningue  
3760

INTERACTIVE MULTICULTURAL COMMUNICATION FOR OVERCOMING CULTURAL PRECONCEIVED NOTIONS, PREJUDICES AND STEREOTYPES  
R. Pocieviciene  
3761

BRIDGING THE DIGITAL DIVIDE FOR PERSONS WITH INTELLECTUAL DISABILITIES: ASSESSING THE ROLE OF CHATGPT IN ENABLING ACCESS, EVALUATION, INTEGRATION, MANAGEMENT, AND CREATION OF DIGITAL CONTENT  
A. Kumar Verma, S. Gavra Boland, K. Miesenberger  
3767

ENHANCING LEARNING AND REFLECTION IN COMPUTER SCIENCE EDUCATION THROUGH CONCEPT MAPS  
V. Göhler, L. Elbe  
3777

A STUDY OF TEACHER LEADERSHIP AND SCHOOL CLIMATE: REENACTING A TEACHER-LEADERSHIP PROJECT IN THE UAE  
S. Gningue, A. Jarrah  
3786

ON THE USE OF COLLABORATIVE CARD-BASED GAMES TO INCREASE THE MOTIVATION OF UNIVERSITY STUDENTS  
J.F. Aciego, J. Carrillo, A. Gonzalez-Prieto, A. Claros, I. Gonzalez-Prieto, M.J. Duran  
3787

THE HUNGER GAMES: ENHANCING UNDERGRADUATE TEACHING THROUGH CONTINUOUS EVALUATION AND FRIENDLY COMPETITION  
J. Carrillo, A. Gonzalez-Prieto, J.F. Aciego, A. Claros, M.J. Duran, I. Gonzalez-Prieto  
3796

INTRODUCING BIODIVERSITY, CLIMATE CHANGE AND JUSTICE TO COLLEGE STUDENTS: USING THE DEREE-ACG FOREST AS A LIVING LABORATORY  
P. Papadopoulou, S. Apostolaki, A. Misseyanni  
3803

DIGITAL COMPETENCES RECOGNITION FRAMEWORK FOR ADULT EDUCATION  
3813

USE OF ONLINE EDUCATIVE DIGITAL TOOLS TO ENCOURAGE PARTICIPATION AND ACTIVE LEARNING OF ANIMAL PHYSIOLOGY (DIGIFISIO)  
3821

THE PROFILE OF TEACHER COMPETENCY IN TEACHING CHINESE AS A FOREIGN LANGUAGE AMONG PRE-SERVICE TEACHERS  
X. Liu, A. Abdul Latif  
3829

TECHNOLOGY AS PART OF THE LEARNING SPACE DESIGN  
I.A. Drobot  
3839

CHALLENGES OF ENTREPRENEURIAL EDUCATION IN THE CONTEXT OF THE GLOBAL EDUCATION CRISIS  
I. Natsvlishvili, E. Kharaishvili, M. Lobzhanchidze, T. Lazariashvili  
3846

EMPOWERING GROWTH: ENHANCING COMPETITIVENESS IN SMES AND STARTUPS THROUGH PROFESSIONAL BOARD ENGAGEMENT  
P. Rantanen, O. Bogdanova  
3855

A JOURNEY OF DISCOVERY IN DATA VISUALIZATION IN THE BUSINESS ENVIRONMENT  
N. Gordo, G.L. Dugarte-Peña, E. Muñoz-García, C. García De Jesús  
3861

FROM BOARDROOMS TO SHOP FLOORS: ENHANCING UNIVERSITY-INDUSTRY COLLABORATION THROUGH HANDS-ON ENGAGEMENT OF HIGHER EDUCATION INSTITUTION MANAGEMENT IN SMES  
O. Bogdanova, P. Rantanen  
3867

ACHIEVEMENT PREREQUISITES OF A TRANSFORMATIVE LEADER IN EDUCATION  
L. Paskova, E. Sollarova  
3873

EDUCATIONAL INNOVATION IN BUSINESS SCHOOLS: PRACTICES AND EXPERIENCES  
D. Alameda, A. Rodríguez  
3881

MOTIVATION TO ACHIEVE IN THE CONTEXT OF TRANSFORMATIVE LEADERSHIP  
L. Paskova  
3898
ARTIFICIAL INTELLIGENCE IN FASHION DESIGN EDUCATION: REDEFINING CREATIVE PROCESSES TOWARDS DESIGNER-AI CO-CREATION
G. Rizzi, A. Vandi

NAVIGATING THE JOURNEY OF FINAL DEGREE PROJECTS: A MODERN APPROACH WITH INTEGRATED PROJECT MANAGEMENT SOFTWARE
G.L. Dugarte-Peña, N. Gordo-Herrera, C. García De Jesús, E. Muñoz-García, M. Acosta

APPLICATION OF ECONOMIC NEWS BLOGS IN THE SUBJECT OF INTRODUCTION TO ECONOMICS: STUDY PREFERENCES AND IMPACT ON THE LEVEL OF UNDERSTANDING

ENHANCING MATHEMATICS AND SCIENCE TEACHERS’ ATTITUDES AND INTEREST IN TEACHING INTEGRATED STEM THROUGH A PBL-BASED TRAINING COURSE
Z. Said, A. Abu-Tineh, N. Mansour

CONCORDANCE AND QUALITY OF MEDICAL RECORDS BASED ON AN EMERGENCY CASE STUDY IN A GROUP OF MEDICAL STUDENTS
S. Denizón Arranz, E. Cervera Barba, A. Mateos Rodríguez, F. Neria Serrano

EXPLORING STUDENT TEACHERS’ PROFESSIONAL IDENTITIES IN INITIAL TEACHER EDUCATION
M. Sounoglou, M. Christodoulou, S. Lytsiousi

SUPPORTING ALTERNATIVE FLIPPED LEARNING DESIGNS
A. Gogoulou, M. Eleni, D. Serpanos, C. Tsibanis, A. Diamantidis, Y. Exidaridis

IT IS ALL ABOUT SKILLS! HOW PRIMARY EDUCATION CURRICULA LINKS TO THE LABOUR MARKET: THE CASE OF GREECE
M. Sounoglou

DRAMA PROJECTS TO FOSTER SOFT SKILLS IN UNIVERSITY STUDENTS
R. Calderón-Villajos, M. Muñoz, S.C. Cifuentes, H. Santos

VIRTUAL REALITY SIMULATION (VISION) IN NURSING AND MIDWIFERY EDUCATION: A USABILITY STUDY IN IRELAND
M. Saab, M. McCarthy, W. O’Mahony, E. Cooke, J. Hegarty, D. Murphy, N. Walshe, B. Noonan

SCIENCE EXPERIENTIAL LEARNING INTO ART UNIVERSITY DEGREES: CLASSROOM EXPERIMENTS
N. Pulido-González, P. Hidalgo-Manrique, H. Santos

CHALLENGE-BASED LEARNING IN ENGINEERING EDUCATION: FOSTERING FUTURE SKILLS FOR INDUSTRY 5.0
L. Brendel, B. Griech, C. Deggelmann, A. Karrenbrock, V. Varney

SOCIAL INCLUSION OF MIGRANT POPULATIONS: A DIGITAL TOOL FOR ACCESSING E-SERVICES OF THE GREEK ASYLUM SERVICE
E.P. Papadaki, A. Gogoulou

PERCEPTIONS OF THE FRAGILITIES OF ADOPTED STUDENTS AND THEIR FAMILIES. A SURVEY IN THE COMMUNITY OF PRE-SERVICE SPECIAL EDUCATION TEACHERS
C. Laici, L. Giannandrea

FROM BIOLOGY TO BIOASTRONAUTICS: APPLICATIONS IN ELEMENTARY EDUCATION INSPIRED BY STE(A)M EPISTEMOLOGY
T. Sklaveniti, V. Koulountzos

TEACHING DESIGN IN A FULLY REMOTE ENVIRONMENT: CHALLENGES AND CHANGES IN THE PEDAGOGICAL APPROACH DURING THE COVID-19 PANDEMIC
C. Carella, M. Melazzini

PUSHING THE BOUNDARIES: EXPLORING TOTAL THEATRE AND THE TRANSFORMATIVE POTENTIAL OF AUGMENTED THEATRE IN ARTS, CULTURE, AND EDUCATION
S. Cicconi

BEST-PRACTICES FOR DEVELOPING EFFECTIVE COMMUNICATION CAMPAIGNS TO PROMOTE ASSISTIVE TECHNOLOGY RESOURCE CENTRES
F. Rocha Lourenço, R. Oliveira, O. Tymoshchuk

IMPLEMENTING COURSE BADGES IN A SWISS UNIVERSITY: FIRST EXPERIENCES ALONG STUDENTS’ AND INSTRUCTORS’ PERCEPTIONS
C. Spletter, M. Eppler
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVALUATION OF ADMISSION REQUIREMENTS IN PRE-SERVICE TEACHER EDUCATION PROGRAMME</td>
<td>4017</td>
</tr>
<tr>
<td>GOLF SPORTS INITIATION WITHIN A PHYSICAL EDUCATION COURSE IN PRIMARY SCHOOLS THROUGH BLENDED LEARNING</td>
<td>4028</td>
</tr>
<tr>
<td>ONLINE LEARNING LOGBOOKS AS BOUNDARY OBJECTS ACROSS EDUCATIONAL CONTEXTS</td>
<td>4038</td>
</tr>
<tr>
<td>THE BARRIERS TO ACQUISITION AND DEVELOPMENT OF HARD SKILLS IN DIGITAL LITERACY</td>
<td>4044</td>
</tr>
<tr>
<td>ASSESSMENT FOR LEARNING IN TEACHER TRAINING: AN INTERVENTION MODEL INSPIRED BY THE TRIALOGICAL LEARNING &amp; ASSESSMENT APPROACH</td>
<td>4052</td>
</tr>
<tr>
<td>INNOVATING WITH ETANDEM IN CANADIAN SCHOOL CONTEXTS: CHALLENGES AND STRATEGIES FOR MOVING FORWARD</td>
<td>4057</td>
</tr>
<tr>
<td>INTERPROFESSIONAL COLLABORATIVE LEARNING AMONG HEALTHCARE STUDENTS: A METHODOLOGY BASED ON PROBLEM-BASED LEARNING AND SCIENTIFIC DISSEMINATION THROUGH BLOGS</td>
<td>4065</td>
</tr>
<tr>
<td>EMPOWERING HIGHER EDUCATION: APPLYING PERSONAL MASTERY METHODOLOGY TO CULTIVATE A COLLECTIVE INTELLIGENCE MINDSET FROM EXECUTIVE MANAGEMENT EXPERIENCE</td>
<td>4071</td>
</tr>
<tr>
<td>A SOLAR TRACKER WITH ARDUINO FOR TEACHING PHOTOVOLTAIC ENERGY THROUGH PROJECT-BASED LEARNING</td>
<td>4080</td>
</tr>
<tr>
<td>BLOCKCHAIN TECHNOLOGY AND ITS IMPLEMENTATION AT HIGHER EDUCATIONAL INSTITUTIONS: RESULTS OF EMPIRICAL RESEARCH</td>
<td>4093</td>
</tr>
<tr>
<td>EMPOWERING YOUNG CHILDREN THROUGH SELF-ASSESSMENT IN GREEK KINDERGARTENS</td>
<td>4102</td>
</tr>
<tr>
<td>FEATURES AND PROBLEMS OF DEFENDING A DOUBLE PHD DEGREE IN THE TIME OF THE CORONAVIRUS IN 2020-2021</td>
<td>4112</td>
</tr>
<tr>
<td>CREATING AN IMMERSIVE LEARNING ENVIRONMENT IN THE NETWORKING LAB: IMPROVING STUDENTS’ LEARNING AND RESULTS THROUGH DESIGN-THINKING</td>
<td>4120</td>
</tr>
<tr>
<td>DOES THE EXAM FORMAT INFLUENCE THE STUDENTS’ ACADEMIC RESULTS? MULTIPLE-CHOICE EXAMS VS SHORT-ANSWER TYPE EXAMS IN ENGINEERING COURSES</td>
<td>4126</td>
</tr>
<tr>
<td>PSYCHOMETRIC PROPERTIES OF THE STUDENTS’ MOTIVATIONS FOR ATTENDING UNIVERSITY QUESTIONNAIRE</td>
<td>4130</td>
</tr>
<tr>
<td>VARIABILITY OF ACADEMIC ADJUSTMENT DURING THE FIRST YEAR OF STUDY</td>
<td>4137</td>
</tr>
<tr>
<td>PEDIU CIÊNCIA?!... (ASKING FOR SCIENCE?!...) - EXPERIMENTAL ACTIVITIES IN NON-FORMAL CONTEXTS AND THEIR IMPACTS ON PARTICIPANTS</td>
<td>4144</td>
</tr>
<tr>
<td>THE IMPACT OF COVID-19 ON EDUCATION: ASSESSING DISRUPTIONS, INEQUALITIES, AND THE WAY FORWARD</td>
<td>4145</td>
</tr>
</tbody>
</table>
INTERDISCIPLINARY PROJECT TO INTEGRATE SUSTAINABILITY IN INFRASTRUCTURE DESIGN WITHIN CIVIL ENGINEERING
I. Alvarez, E. Alberdi

UNDERSTANDING ARTISTIC SENSIBILITIES IN THE TEACHING PRACTICE OF ARTIST EDUCATORS FOR THE ADVANCEMENT OF 21ST CENTURY CLASSROOM PEDAGOGIES
P. Costes-Onishi, A. Azlan

LINGUOCULTURAL COMPETENCE AS A BASIS FOR TEACHING LANGUAGE SKILLS IN A MIXED CLASSROOM
A. Seluatin

COMPARISON OF COURSES AT UNIVERSITIES IN THE USA AND IN GERMANY - CONTENT, TEACHING AND LEARNING METHODS, PERFORMANCE ASSESSMENT AND GRADING
J. Günther, J. Widmann

IMPACT OF INTERPERSONAL COMMUNICATION ACTIVITY IN A LANGUAGE LAB
I. Minj, R. Biswal, B.K. Oram

ASSESSMENT OF QUALITATIVE PERFORMANCE OF ACADEMIC STAFF IN TERMS OF TEACHING AND LEARNING: PRACTICAL APPLICATION
O. Vinda, V. Ľubkina

CRITERIA AND INDICATORS FOR ASSESSING ACADEMIC AND KEY STEM COMPETENCIES - PROJECTIONS IN ELEMENTARY SCHOOL
K. Dimitrova

THE IMPACT OF ACCELERATED LEARNING PROGRAM ON LEARNING OUTCOMES OF OUT-OF-SCHOOL CHILDREN FOR PRIMARY EDUCATION IN LIBERIA
E. Kandakai

THE VALIDITY AND RELIABILITY OF TEACHER SUSTAINABLE LEADERSHIP SCALE
M. Mansor, M.A. Mohd Noor, R. Ishak, K. Musa

CYBERSECURITY KNOWLEDGE, SKILLS AND ABILITIES FOR INTELLIGENCE AND NATIONAL SECURITY ANALYSTS
C. Condrăuţ

ENHANCING STEM COMPETENCES THROUGH PROJECTS DEVELOPMENT USING VIRTUAL AND AUGMENTED REALITY
K. Dimitrova

EDUCATOR 5.0 - COMPETENCIES NEEDED FOR TEACHING AND LEARNING IN AI ENHANCED ENVIRONMENTS
A. Krebs, T. Pehersstorfer, B. Ehrenstorfer

ENHANCING NURSE EDUCATION THROUGH THE INTEGRATION OF ARTIFICIAL INTELLIGENCE
B. Marković

HEROIC JOURNEY TO BECOME A RESEARCHER: SEARCHING FOR THE MOST INTERESTING PATH IN ACADEMIC WRITING
M. Daugela, M. Kelpsiene

EMPirical RESEARCH OF PROFESSIONALLY IMPORTANT MENTAL PROCESSES OF PILOT STUDENTS AND THEIR CorRELATION WITH ACADEMIC PERFORMANCE
S. Chernyatska, O. Klokhlna, M. Didukh

DEVELOPMENT OF THE STATE’s PUBLIC POLICY FOR THE PROMOTION OF EDUCATION AND TECHNICAL VOCATIONAL TRAINING IN HONDURAS, CENTRAL AMERICA 2020-2023
R. López, R. Munguía

BRIDGING DIGITAL INNOVATION IN AFRICA: ASSESSING THE IMPACT OF THE FIRST TRANSCONTINENTAL NETWORKING ACADEMY FOR AFRICAN AND EUROPEAN DIGITAL INNOVATION HUBS
K. Vadratsikas, I. Kalemaki, M. Bakali

university BASEd INDUCTION PROGRAM: THE CAROLINA TIP LEADERSHIPS’ PERSPECTIVE OF SUPPORT PROVIDED TO THE NOVICE TEACHERS
I. Koni, A. Lewis, K. Brown

EDUCATIONAL VULNERABILITY IN URBAN AND RURAL ENVIRONMENTS. DIFFERENCES NOTED BY TEACHERS
J.F. Kiss, A. Bradea, C.F. Pop, R. Pop, C. Hanga
HQBIT: PERFORMING QUANTUM OPTICS PRACTICAL WORK IN A HYBRID
ENVIRONMENT
V. Casamayou, L. Canioni, M. Hachet

EX-ERASMUS STUDENTS’ PATHWAYS ON THE LABOUR MARKET. RESULTS OF THE
POLISH COHORT STUDY ON UNIVERSITY GRADUATES
J. Fila, K. Sobestański

CHATGPT BASED TOOLS IN TEACHING AND LEARNING
D. Nejašnić, D. Sokol, S. Mladenović, A. Granić

FORMAL AND NON-FORMAL DIGITAL STRATEGIES FOR ENHANCING SDG
KNOWLEDGE AMONG GRADUATE STUDENTS
J. Moral, B. Del Caz

ATTITUDES OF EARLY CHILDHOOD EDUCATION TEACHERS TOWARDS
ACQUIRING NEW DIGITAL LITERACY SKILLS
M. Ivanuš Grmek, S. Ograjšek, M. Mithans

NORWEGIAN POLICE LEADERS’ LEARNING THROUGH THE HANDLING OF THE
COVID-19 CRISIS
R. Glomseth, O. Boe

ANALYSIS OF THE CONCEPT OF CRITICAL THINKING IN THE CONTEMPORARY
CURRICULUM IN THE CONTEXT OF THE DEVELOPMENT OF ARTIFICIAL
INTELLIGENCE
J. Mikušová, H. Michálová, M. Žišková

DEVELOPING DATA LITERACY IN ADULT LEARNERS: ANALYSIS, INSIGHTS AND
STRATEGY
C. Hargreaves, A. Wi

EDUCATIONAL MOTIVATION AND BASIC PROFESSIONAL NEEDS AMONG IT
SPECIALISTS
T. Chkhikvadze, A. Makhastikhin

COMPETENCES 4.0 IN EUROPEAN LEARNING MOBILITY PROGRAMMES –
RESEARCH REVIEW
J. Fila, M. Jezowski, P. Poszytek

E-LEARNING COURSES FOR WORKERS: DEVELOPMENT OF DESIGN STRATEGIES
THROUGH DEEP CASE STUDY ANALYSIS
M. Italia, F. Colombo, D. Maurer, S. Migliozzi

EXPLORING THE CONTRIBUTIONS AND IMPACT OF VIRTUAL REALITY AND
AUGMENTED REALITY ON DESIGN EDUCATION: A SYSTEMATIC PERSPECTIVE
X. Pei, F. Colombo, G. Viana Mundstock Freitas

OPINIONS OF PARENTS AND KINDERGARTEN TEACHERS ON THE ABILITIES OF 2-
YEAR-OLD CHILDREN
M. Lipnická, K. Šebianová

DOES A MORAL COMPASS SET US ON THE RIGHT PATH: RISING TO THE
ACADEMIC INTEGRITY CHALLENGE OF ARTIFICIAL INTELLIGENCE
H. Hope, J. Lewis

PERCEPTIONS OF THE SUBJECTIVE READINESS OF FEMALE STUDENTS OF
PRESCHOOL AND ELEMENTARY EDUCATION AT THE BACHELOR’S LEVEL TO
WORK WITH 2-YEAR-OLD CHILDREN IN KINDERGARTEN
M. Lipnická, K. Sebianová

UKRAINIAN REFUGEE ADULTS’ SOCIAL INCLUSION: MOTIVATION IN LEARNING
THE LITHUANIAN LANGUAGE AND CULTURE
J. Pivorienė, O. Merfeldaitė, I. Palomo-Domínguez

THE IMPACT OF A PLANNED HUMOUR PEDAGOGICAL APPROACH ON STUDENT
ENGAGEMENT AND LEARNING IN HIGHER EDUCATION

THE PERCEPTION OF THE OTHER IN MULTICULTURAL CLASSROOMS: CULTURAL
STEREOTYPES REFLECTED THROUGH LANGUAGE
A.M. Toma

A GREEN LEARNING COMMUNITY TO PROMOTE VIRTUAL NETWORKING AND
ENHANCE THE PEER LEARNING OF EARLY CHILDHOOD EDUCATION AND CARE
PROFESSIONALS
M. Mlinar, P. Zgonec, P. Bozovičar, E. Georgakakou, A. Kameas, A. Rudaš

FROM “MEMENNIALS” TO LEGAL MAVERICKS: FOSTERING AI-RESILIENT LAW
GRADUATES
Y. Gosai
PROSPECTS OF HEALTH AND SAFETY EDUCATION IN SCHOOLS OF UKRAINE
V. Zaplatynskyi

ACCESSIBLE VIDEO CONTENT IN EPUB E-BOOKS
M. Turčić, T. Bogovic, M. Rudolf, D. Cučić

VALUE ORIENTATIONS OF A MEDICAL STUDENT AS THE BASIS OF ETHICAL AND
DEONTOLOGICAL CULTURE
I. Salpykova, M. Shamtieva, S. Rozental

CHALLENGES IN TEACHING ROMANIAN TO RUSSIAN SPEAKING STUDENTS.
CASE STUDY: UKRAINIAN STUDENTS
M.A. Ifrim

INNOVATIVE ACTIVE LEARNING METHODOLOGIES APPLIED TO HEALTH AND
AGING-RELATED BACHELOR'S THERSES TO ACHIEVE SUSTAINABLE
DEVELOPMENT GOALS: THE RESULTS OF IKASASUN-ODS-II PROJECT
M. Torrecilla, T. Moreira-Herreras, L. Sáenz-Del-Burgo, A.M. Ochoa de Retana, I. Milton, S. Sevillano,
Martin, C. Alcaine, E. Barrio, E.M. Solanas, L. Aguirre, S. Gómez-Zorita, E. Eraso, C. Bruzos-Cidón

"BEYOND THE DISCIPLINES": A RESEARCH PROJECT ON A PEDAGOGICAL-
ORGANIZATIONAL FRAMEWORK
G. Vincenti

HELLO FUTURE! PRINTED ELECTRONICS AS A HANDS-ON EXPERIMENT FOR
SCIENCE TEACHING
L. Halbrügge

‘FOUNDATION FOR SUCCESS: DOES ACADEMIC LITERACIES INSTRUCTION AT
FOUNDATION LEVEL PREPARE MIDDLESEX UNIVERSITY STUDENTS FOR THEIR
FIRST YEAR?’
P. Bernaschina, E. Origo

FORMATION OF THE FUTURE DOCTOR'S DEONTOLOGICAL COMPETENCE BY
MEANS OF E-LEARNING
I. Salpykova, M. Shamtieva, S. Rozental

USING RECURSION AND MEMOIZATION IN PROFILING EDUCATION IN
COMPUTER SCIENCE
S. Neykova-Karagueva, S. Tsankov

A RESEARCH ON THE IMPACT OF SOCIAL NETWORKS ON ACADEMIC
PERFORMANCE AND ON UNIVERSITY DROPOUT
P. Gago de Santos, C. de la Iglesia-Villasol, B. López-González

INNOVATIVE PRACTICES OF ACTIVE LEARNING IN HIGHER EDUCATION
BETWEEN MEDIA EDUCATION AND MULTIMODAL DISCOURSE ANALYSIS. AN
INSIGHT FROM THE EUROPEAN PROJECT ‘ICME’
I. Moschini, G. CuoZZO, I. Bucciarelli, M. Ranieri

SUBSTANCE ABUSE AND DRUG PREVENTION AMONG UNIVERSITY STUDENTS
PURSUING A BACHELOR DEGREE IN EARLY CHILDHOOD EDUCATION
B. Plisková, M. Janíková, B. Deutscherová

UTILIZING SOCIAL NETWORKS AS A MEANS FOR IMPLEMENTING THE FLIPPED
CLASSROOM APPROACH: A HANDS-ON CASE STUDY WITHIN THE HIGHER
EDUCATION CONTEXT
M. Soler-Porta, M.M. Rajas-de-Gracia, A.P. Lopes, A.I. Esteban Pagola, F. Soares, M.J. Bentabol
Manzanares, M.D. Rodríguez-Ruiz, M.M. Mañoz Martos, A. Bentabol Manzanares, R. Cañita Palma

A CATALYST FOR CHANGE: THE IMPACT OF COVID-19 RESTRICTIONS ON
TEACHING DELIVERY AND ASSESSMENT OF NURSING AND ALLIED HEALTH
UNDERGRADUATE AND POSTGRADUATE PROGRAMMES
S. McKinnell, D. Prescott

HOW IS A TEACHER'S WORK SITUATED WITHIN AN ECOLOGICAL SYSTEM THAT
INFLUENCES THEIR PRACTICE, INTERACTIONS AND RELATIONSHIPS WITH
STUDENTS?
J. Libro

LABMOTIV: THE LABORATORY AS A VEHICLE FOR MOTIVATING THEORY
CLASSES
L. Sanchez, S. Zurera, P. Almendros

FLIPPED LEARNING AS MODE OF INSTRUCTION THAT FOSTERS SOFT-SKILLS IN
HIGHER EDUCATION
A. Bouali
EYE TRACKING AS TECHNOLOGY IN EDUCATION: DATA QUALITY ANALYSIS AND IMPROVEMENTS
T. Ezer, M. Greiner, L. Grabinger, F. Hauser, J. Mottok

WORKPLACE LEARNING AND KNOWLEDGE TRANSFER FROM UNIVERSITIES TO ORGANIZATIONS DURING ONBOARDING THROUGH NEW EMPLOYEES
A. Mitschelen, S. Kaufeld

TEACHING QUALITY AS PRACTICE DURING THE CORONA PANDEMIC: THE ROLE OF THE PROCESS AND RELATIONAL PROXIMITY SEEN THROUGH A BRONFENBRENNERIAN PERSPECTIVE
A.M. Sookermany, T. Valland, J.Y. Dahl, J.H.I. Helgesen, O. Boe

EXPLORING ONLINE EDUCATION DURING A PANDEMIC: IMPACT ON STUDENTS' SATISFACTION, STRESS, AND ACADEMIC SUCCESS
L. Sánchez, M. Montoya, S. García-Marco, P. Almendros

VET TOWARDS HYBRID MODEL WITH DIGITAL TOOLS AND E-LEARNING
P. Tani, T. Arola

OBJECT PERMANENCE IN CHILDREN AGED 0-2: REPORT OF A RESEARCH STUDY IN SINGAPORE
M. Ebbeck

NAMING, FRAMING, AND STAGING LIMINALITY: A TRAINING DESIGN FOR UNCERTAINTY
T.A. Oddane, O. Boe

PROMOTING PROFESSIONAL SKILLS IN FRENCH UNIVERSITIES: A CASE STUDY OF THE USE OF A DIGITAL PLATFORM BY BACHELORS IN APPRENTICESHIP PROGRAMS AT GUSTAVE EIFFEL UNIVERSITY
N. Bettyneb, C. Bourret, T. Drapier, L. Cherionux

EXPLORING HISTORY EDUCATORS' MOTIVES FOR USING IMMERSIVE VIRTUAL REALITY IN HISTORY TEACHING - A TECHNOLOGY ACCEPTANCE MODEL ANALYSIS
E. Serrano-Ausejo

LEARNING FOR UNCERTAINTY: A METAPHORICAL APPROACH
T.A. Oddane, O. Boe

SCHOOL OUTSIDE AND INSIDE THE PRISON: OPEN QUESTIONS AND METHODOLOGIES IN AN ACTION RESEARCH PROJECT ON THE THEME OF LEGALITY
L. Sacerdote, A. La Fortuna, N. Marea, L. Zecca

INVESTIGATING THE ROLE OF THE BRONFENBRENNERIAN PERSON ELEMENT IN TEACHING QUALITY AS PRACTICE DURING THE CORONA PANDEMIC
A.M. Sookermany, T. Valland, J.Y. Dahl, J.H.I. Helgesen, O. Boe

ENHANCING SUSTAINABLE ENTREPRENEURIAL COMPETENCES IN ENGINEER STUDENTS: A PEDAGOGICAL MIXED MODEL
N. Toledano, J. Martínez García, C. Delgado Sánchez

ETHICS AND BIOETHICS FOR RESEARCH WORK: EXPERIENCING A CRUCIAL 21ST CENTURY SKILL THROUGH AN INTERDISCIPLINARY TRAINING
S. Falempin, R. Farcy-Pauthe, V. Rodríguez-Ruiz

TOWARDS PERSONALIZED LEARNING PATHS IN ADAPTIVE LEARNING MANAGEMENT SYSTEMS: BAYESIAN MODELLING OF PSYCHOLOGICAL THEORIES
V. Nadimpalli, F. Bugert, D. Bittner, F. Hauser, L. Grabinger, S. Stauffer, J. Mottok

THE USE OF BIM BUDGETING TOOLS IN UNIVERSITY CONSTRUCTION EDUCATION
J. Smetankaová, R. Růžinský, A. Duriš

ON THE ANALYSIS OF STUDENT LEARNING STRATEGIES: USING THE LIST-K QUESTIONNAIRE TO GENERATE AI-BASED INDIVIDUALIZED LEARNING PATHS
F. Hauser, S. Stauffer, L. Grabinger, S. Rührl, J. Mottok

THE CHALLENGES AND POSSIBILITIES OF COMPUTATIONAL THINKING FOR THE INITIAL TRAINING OF TEACHERS
N. Assunção Minuzi, A. Sonego, L. Rocha Machado, P.A. Behar

COURSE SELECTION CRITERIA AND DIGITAL ASSISTANCE IN A MODULARIZED WORLD
T. Hirmer, M. Ochs, S. Rottmann, K. Past, A. Henrich
GREEK TRANSLATION AND CROSS-CULTURAL ADAPTATION OF THE QUESTIONNAIRE "SURVEY OF REFLECTIVE PRACTICE: A TOOL FOR ASSESSING DEVELOPMENT AS A REFLECTIVE PRACTITIONER"
R. Voulgari, K. Koutrouba

FORUM INTERACTION IN AN ACADEMIC ITALIAN MOOC
A. Pakula

EMOTIONS IN COMPLEX VOCATIONAL TASKS FOR AUTHENTIC LEARNING AND DIAGNOSTIC PROCESSES IN VOCATIONAL EDUCATION AND TRAINING
H. Meiners, K. Krebs, S. Seeber, E. Wittke

CONTAMINANTS ADSORPTION ON MICROPLASTICS AS A FINAL DEGREE PROJECT
J. González-Sálamó, G. Jiménez-Skrzypek, C. Hernández-Sánchez, F.J. Díaz-Peña, J. Hernández-Borges

BRINGING ENVIRONMENTAL RESEARCH CLOSER TO SECONDARY EDUCATION. A TEACHING EXPERIENCE
R. Sorí, M. Stojanovic, M. Vázquez Dominguez, L. Gimeno-Sotelo, M.J. Valente

THE BENEFITS OF CONTINUOUS ASSESSMENT: A CASE STUDY ON THE EFFECTIVENESS OF WEEKLY ONLINE QUIZZES IN COMPUTER SCIENCE COURSES
T. Baumeister, P. Rambach, D. Fey

POTENTIALS OF INDIVIDUAL LEARNING PATHS IN THE ENGINEERING DESIGN EDUCATION
F. Kossack, D. Kattwinkel, B. Bender

MICROPLASTICS ANALYSIS IN HOLOTHURIA SANCTORI SEA CUCUMBER AS A FINAL MASTER'S DEGREE PROJECT
G. Navalón-Alajarín, C. Villanueva-Solano, C. Hernández-Sánchez, J. González-Sálamó, F.J. Díaz-Peña, J. Hernández-Borges

UNIVERSITY STUDENT'S SELF-REGULATED LEARNING IN A TECHNOLOGY-ENHANCED ENVIRONMENT
M. Revishvili, M. Tsereteli

FORMATION OF COMPETENCES TO SUPPORT SUSTAINABLE DEVELOPMENT IN NATURAL SCIENCES EDUCATION AT THE LOWER SECONDARY SCHOOLS IN BULGARIA
S. Petrova, Z. Raykova, D. Karagyozeva-Dilkova

ASSOCIATION BETWEEN GENERIC LIFE SKILLS AND ACADEMIC LIFE SATISFACTION IN UNIVERSITY STUDENTS
A. Gogou, M. Lara

LET US BRING PHYSICS CLOSER TO EVERYONE WITH THE MATERIALS OF THE ARPHYMÈDES AND ARPHYMÈDES PLUS PROJECTS
M. Košak Babuder, K. Javornik, J. Rihter, K. Susman, S. Dolenc, J. Pavlin

THE INTERFACES OF ASSESSMENT INSTRUMENTS: NEW EVALUATION STRATEGIES AND PRACTICES ADAPTED FOR INCLUSIVE EDUCATION
R. Auricchio, R. Dias Silva

DEVELOPMENT OF AN ASSESSMENT TOOL FOR MEASURING AND EVALUATING STUDENTS' COMPETENCE IN SUPPORTING SUSTAINABLE DEVELOPMENT: PRACTICAL APPROACHES AND CHALLENGES
Z. Raykova, D. Karagyozeva-Dilkova, S. Petrova

DEVELOPMENT OF LEARNING OBJECT IN ROBOTICS AND IOT
G. Uscudum, N. Assunção Minuzi

BUILDING THE HIERARCHY OF PRE-SERVICE TEACHING CHINESE AS A FOREIGN LANGUAGE TEACHERS IN TEACHER COMPETENCY
X. Liu, A. Abdul Latif

INTEREST AND SOCIAL SKILLS OF KOSOVAR SECONDARY SCHOOL STUDENTS IN THE PHYSICS CLASSROOM
N. Shala, J. Pavlin

NAVIGATING THE PATH TO SUCCESS: EXPLORING METHODS TO INTEGRATE WORKFORCE DIGITAL TRAINING WITHIN ORGANISATIONS

OPPORTUNITIES AND CHALLENGES OF EFFECTIVE KNOWLEDGE AND TECHNOLOGY TRANSFER
C. Taha, C. Deutz, K. Hohlbaum, N. Collienne, E. Borowski, F. Hees

UNDERSTANDING GENDER DIFFERENCES IN CAREER CHOICES OF UNIVERSITY STUDENTS
F. Jiménez-Jiménez, M.V. Alba-Fernández, C. Martínez-Gómez
DEVELOPMENT OF AN EDUCATIONAL GAME FOR LEARNING DECISION-MAKING IN THE FIELD OF BUSINESS MANAGEMENT
O. Trull, J. Jordán Núñez, C. Gómez Palacios, A. Peiró Signes

MEETING BETWEEN STUDENTS, TEACHERS AND COMIC AUTHORS AS A SOURCE OF EDUCATIONAL INNOVATION IN THE TEACHING OF MEDICINE
C. Romá-Mateo, G. Olaso-Gonzalez, N. Ibarra-Rius, A. Pons

DESIGNING AN INNOVATIVE ONLINE COURSE IN "CRITICAL VISUAL MEDIA LITERACY AND FLUENCY" FOR HIGHER EDUCATION STUDENTS
P. Polymeropoulou, E. Georgakakou, A. Kameas

DESIGNING THE SCORING RUBRICS BASED ON CEFR PROFICIENCY LEVELS
J. Bérešová

SCHEDULING REFINEMENTS IN A REVIEW COURSE IMPROVES OUTCOMES FOR MEDIUM-PERFORMING STUDENTS
R. Young

THE USE OF INCREMENTAL QUIZ QUESTIONS PARALLELING IN-CLASS PRESENTATIONS INCREASES OVERALL ACADEMIC OUTCOMES
R. Young

HOW TO ENGAGE LEARNERS IN ACHIEVING VOCABULARY RANGE AND CONTROL AT LEVEL C1
J. Bérešová

THE TRAINING CENTER CONCEPT - A GAMIFIED INTERACTIVE LEARNING PLATFORM IN ENGINEERING EDUCATION
P. Varney, V. Mai, H. Maloko, V. Varney

STUDYING THE IMPACT OF PLATFORM SKILLS DEVELOPMENT MODEL ON BUSINESS MANAGEMENT STUDENTS
P. Nadkarrai, R. Joshi

UNLOCKING AUTHENTICITY: STRATEGIES FOR COMBATTING AI DISRUPTION IN ONLINE LEARNING SPACES
A. Ropp

IMPROVING STUDENT ENGAGEMENT AND EXPERIENCES WITHIN A BLENDED LEARNING ENVIRONMENT: MALAYSIAN STUDENTS' PERSPECTIVES
M. Neo, A.R. Adiyanto, A.N. Fadilla, B. Prabaw, W. Suasty

LEVERAGING ARTIFICIAL INTELLIGENCE FOR EFFECTIVE LEARNING: CONTENT SELECTION AND TEACHING APPROACHES
J. Narrańjo

HOW TO ENCOURAGE, INSPIRE AND INCLUDE YOUNG WOMEN TO CONSIDER A UNIVERSITY DEGREE - A CASE STUDY ON TRANSFERABLE SKILLS
P. Perlman-Dee, M. Kipling

THE ADAPTATION OF INTERNATIONAL STUDENTS IN EDUCATIONAL ACTIVITIES AT UNIVERSITY
I. Kurmaeva, S. Tuganova, K. Wagner

HOME EDUCATION AND AUTISM - A CASE STUDY
K. Neil, P. Falvey

USING VR/AR TECHNOLOGIES AS AN EDUCATIONAL OPPORTUNITY?

LEARNING WITH MOODLE: DESIGNING AN APPROACH FOR TEACHING SCIENCE IN PRIMARY EDUCATION

A GAME-BASED AUGMENTED REALITY EXPERIENCE FOR TEAM-BASED LEARNING IN A MALAYSIAN CLASSROOM: ITS IMPACT ON STUDENT LEARNING
M. Neo, Z. Ismat, N. Mahendru

TRADITIONAL METHODOLOGY AND TBL METHODOLOGY IN MATHEMATICS TEACHING
A.J. Viamonte, I.P. Figueiredo, I.M. Pinto

PROMOTING COMPUTATIONAL THINKING IN EARLY CHILDHOOD: A NOVEL BOARD GAME DESIGN
TRANSFORMING LEARNING COMMUNITIES AND CULTURES THROUGH ACADEMIC AND INDUSTRY PARTNERSHIPS: A CASE STUDY FROM MIDDLESEX UNIVERSITY AND BARKING, HAVERING AND REDBRIDGE UNIVERSITY TRUST HOSPITAL

AI-POWERED EDUCATION: UNLEASHING THE POTENTIAL OF CHATGPT IN COMPUTER SCIENCE HIGHER EDUCATION

ON THE CORRELATION OF COMPLETION PROGRESS IN VIRTUAL LEARNING ENVIRONMENTS AND STUDENT OUTCOMES
S. Alty, C. Cheong Took

VALUE TRANSFORMATION IN ADULT EDUCATION
L. Balceraitė, V. Lubkina

FPGAS FOR LEARNING DIGITAL ELECTRONICS CONCEPTS

SENSORY LEARNING STYLES & EMOTIONAL INTELLIGENCE IN ADOLESCENTS
E. Zenakou, I. Liberi, K. Koutrouba, K. Antonopoulou

E-LEARNING TECHNOLOGIES-BASED MODEL FOR SUPPORTING BRIDGE COURSES IN PHYSICS
L. Juškatė, B. Lebionkaitė, J. Lebionka

UNIVERSITY TEACHING TEAM VS. ARTIFICIAL INTELLIGENCE: THE NEW STUDENT'S ACTIVITY DESIGN PARADIGM

EVALUATION OF THE IMPACT OF DIGITAL LABORATORY ON TEACHING AND LEARNING IN BASIC ELECTRONICS

VARIANTS OF THE SLIDE-4-U METHOD AT THE UNIVERSITY CLASSES
M. Massot-Cladera, M.J. Rodríguez-Lagunas, A. Franch, B. Grases-Pinto, K. Río-Aige, M. Castell, F.J. Pérez-Cano

BEHIND THE SCREEN: STUDYING TECHNOSTRESS IN AN ONLINE LEARNING ENVIRONMENT
H. Vaghjee

IMPROVING ARGUMENTATION SKILLS OF UNDERGRADUATE BIOLOGY STUDENTS THROUGH ARGUMENTATIVE PEER FEEDBACK AND ESSAY WRITING
E. Martazina, L. Khismatullina, N. Zakharova

LABORATORY IMPROVEMENT PROJECTS FOR TEACHING IN BASIC SCIENCES AT THE SCHOOL OF ENGINEERING, NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO
R. García-García, U. Penuelas-Rivas, Y. Minami-Koyama

CORPORAL EXPRESSION AND DANCE TO MOTIVATE AND TEACH SCIENCES TO PRIMARY EDUCATION STUDENTS
O. Fesharaki, J. Cabello Pozo, J. Martí Martínez


COMPOSITION OF MUSIC LYRICS AS AN EDUCATIONAL WAY TO MOTIVATE AND TEACH SCIENCES TO PRESERVICE TEACHERS
O. Fesharaki, J. Martí Martínez, J. Cabello Pozo

REINFORCEMENT OF SELF-REGULATED LEARNING IN THE IT LABORATORY
S. Przyłucki, M. Czerwińska

IMPACT DUE TO COVID-19 CONFINEMENT ON THE ACQUISITION OF COMPETENCIES AND LEARNING OUTCOMES LINKED TO PRACTICAL TRAINING IN FORESTRY AND ENVIRONMENTAL DEGREES AT UPM

LEARNING BUSINESS DECISION-MAKING THROUGH CBL. APPLICATION TO THE DESIGN OF A NEW BEER BRAND
O. Trull, C. Gómez Palacios, A. Peiró Signes, M. Segarra Oña
USING VIDEOS AS A MOTIVATIONAL AND EVALUATION TOOL IN MATHEMATICS TEACHING
A.J. Viamonte, I.P. Figueiredo, I.M. Pinto

PENTAFOLIUM: INTERDIMENSIONAL APPROACH TO HUMAN TRAINING USING THE CEBIS METHOD
F. Maroldi, V. Cirello, R. Crippa, F. Vitali

AI-BASED QUIZ SYSTEM FOR PERSONALISED LEARNING
X. Wang, S. Wrede, L. van Rijn, J. Wöhrle

APPROACHES TO FORMING SOCIO-CULTURAL COMPETENCE: A CASE STUDY OF NATIONAL TEACHING MATERIALS
N. Zakharova, L. Khismatullina, E. Murtazina

LOWERING ENTRY BARRIERS FOR INFORMAL LEARNING IN MATHEMATICS THROUGH INTERACTIVE GAME DESIGN
J. Wideström, E. Axell, A. Hansson, C. Djurelind, C. Sandberg

A TEXTUAL CONVERSATIONAL AGENT AS A VIRTUAL ASSISTANT TO STUDENTS IN THE MOODLE LMS
V. Santos, F. Medeiros, H. Brasilheiro, N. Rodrigues, M. Souza

INTERACTIVE-CREATIVE RESOLUTIVE STRATEGIES AND GAMIFICATION AS DIDACTICAL ALTERNATIVES IN THE TELEOLOGICAL VISION OF INCREMENTAL LEARNING
D. Mazuru, G. Havârneanu

DO BUSINESS STUDY CURRICULA MEET THE NEEDS OF THE DIGITAL ECONOMY?
D. Gašpar, M. Mabić, I. Ćorić

SAFE SPACES IN ADULT LEARNING: ELIMINATING BARRIERS AND FOSTERING DIRECT DEMOCRATIC PROCESSES

ERASMUS+ PROGRAMME EXPERIENCES: THE DIGITAL SKILLS FOR THE ARTIFICIAL INTELLIGENCE REVOLUTION
S. Bezzina, A. Pfeiffer

EMBARKING ON COMPUTATIONAL THINKING
D. Vassallo

ONE STARFISH AT A TIME: PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION
K. Dickey, G. Morris

PROCEDURAL DIAGNOSTIC TOOLS FOR ASSESSING AND COMMUNICATION PRE- AND PRIMARY SCHOOL CHILDREN’S LEARNING PREREQUISITES
M. Kil, F. Keser-Aschenberger, A. Pfeiffer

RECOGNITION OF THE INTERNSHIP QUALITY IN PROFESSIONAL AND HIGHER EDUCATION IN ESTONIA
E. Titov, K. Visnapuu, D. Eller, P. Lilover

INVESTIGATING THE EFFECTS OF SEMANTIC MAPPING ON LITERAL AND INFERENTIAL READING COMPREHENSION OF CULTURAL TEXTS AMONG BEGINNER AND UPPER INTERMEDIATE MOROCCAN EFL LEARNERS: A COMPARATIVE STUDY
H. Mouchrif, N. Mokhtari, B. Benzehaf

THE EFFECTS OF LEARNER EXPERTISE ON INTRINSIC, EXTRANEOUS AND GERMANE COGNITIVE LOAD THROUGH INSTRUCTIONAL VIDEOS: AN EXPLORATORY ANALYSIS
V. Ragazou, K. Antonis

SECOND-GENERATION VOICES AND QUEST FOR RECOGNITION
M. Mercati

THE SHORT AND LONG-TERM IMPACT OF THE COVID-19 PANDEMIC ON CHILDREN IN EARLY CHILDHOOD AND THE RESTORATIVE POTENTIAL OF COMMUNICATION AND CREATIVITY

EMBRACING LIFELONG LEARNING AND THE NECESSITY OF ACQUIRING NEW SKILLS FOR THE FUTURE WORLD OF WORK
D. Skokanov, D. Zdražilová
THE INFLUENCE OF PREVIOUS EXPERIENCE ON SMALL GROUP WORK: THE CASE OF MARKETING MASTER’S STUDENTS AT A UK UNIVERSITY
C. Harrison

UNVEILING THE SECRETS OF LEARNING STYLES: DECODING EYE MOVEMENTS VIA MACHINE LEARNING
D. Bittner, T. Ezer, L. Gräbinger, F. Hauser, J. Mottok

REPORT ON NSF-FUNDED GRADUATE TRAINEESHIP IN DATA SCIENCE TECHNOLOGIES AND APPLICATIONS

BEYOND FRONT AND BACK OFFICE: VISUALIZATIONS, REPRESENTATIONS AND ACCESS THROUGH POSTCOLONIAL LENSES BETWEEN A RESEARCH PLATFORM AND AN ARTS EDUCATION ARCHIVE

ETHICAL CONSIDERATIONS FOR CONDUCTING RESEARCH WITH VIRTUAL REALITY IN EDUCATION: ESTABLISHING REQUIREMENTS FOR CONSENT FORMS
K. García-Vidal, V. Stallo, I. Remolar Quintana

OLYMPIAD IN INFORMATICS - THE JOURNEY FROM THE DOMESTIC ROUND TO INTERNATIONAL COMPETITIONS
Y. Sagyntay, V. Stoffová, A. Katyetova

AI AND ARCHITECTURAL EDUCATION
B. Butragueño Díaz-Guerra, J.F. Raposo Gran, M.A. Salgado de la Rosa

BIOIMAGES: FROM HIGH TECH TO LOW TECH, OR JUST TECH? REFLECTIONS ON SUSTAINABLE TECHNOLOGY IN THE PRODUCTION OF IMAGES IN PEDAGOGICAL DYNAMICS
T. Assis, T. Pinho, S. Marques, I. Azevedo, J. Mateus

RESPONDING TO THE NEEDS OF ADULT LEARNERS IN LEARNING COMPUTER PROGRAMMING
P. Blanchfield

AWAKENING GREEN CONSCIOUSNESS: AWARENESS OF CLIMATE CHANGE SECONDARY SCHOOL STUDENTS
A.A. Rodríguez Castro, R. Florencio da Silva, A.J. Mc Namara Valdes, J.A. Rodríguez Vargas

A STUDY IN BLUE – A NEW CHAPTER OF THE EDUCATIONAL DIGITAL ESCAPE ROOM “ALIMENTAL, QUERIDA WATSON”
G. Olaso-González, M. Piqueras, P. González-Cabó, F. V. Pallardó, C. Romá-Mateo

A COMMUNITY AFFAIR: UNLOCKING COLLABORATIVE CREATIVE EDUCATION IN RURAL NICARAGUA
B. Mills, P. Lane, J. Benavides, E. Gomez Salazar, L. Espinoza

EXPLORING COLLABORATIVE PROGRAMMING IN TEACHING STRUCTURED PROGRAMMING IN SECONDARY EDUCATION: EXPERIENCES AND INSIGHTS
J.R. Pérez Beltrán, R.P. Ñeco García

USE OF PSYCHOMETRIC NETWORKS TO EXPLORE THE RELATIONSHIP BETWEEN SOCIO-EMOTIONAL SKILLS AND ACADEMIC PERFORMANCE
S. Jimenez, F.P. Hernandez Moreno, A. Sirgo, A. Chávez

ARCHITECTURAL LANGUAGES IN A DIGITAL DESIGN BRIEF: A TEACHING EXPERIMENT FOR ENCOURAGING INNOVATION
N. Furtado Silva

SPECIFICITY AND PURPOSE OF ONLINE TESTS AND QUIZZES IN TEACHING HIGHER MATHEMATICS AT UNIVERSITY
I. Dzenite, E. Ligere

ELEMENTS OF A FORMATIVE ASSESSMENT PROCEDURE AIDED BY ARTIFICIAL INTELLIGENCE FOR FIRST-YEAR DEGREE STUDENTS
A. Miguez-Souto, M.A. Gutiérrez-García, J.C. Mosquera-Feijoo

LEARNING TO PIVOT: RECONCEPTUALIZING A MULTICULTURAL EDUCATION COURSE IN AN UNDERGRADUATE SPECIAL EDUCATION PROGRAM
T. Herring

PERCEPTION OF REFLECTION IN TEACHERS’ PROFESSIONAL DEVELOPMENT: THE CASE OF THE REPUBLIC OF GEORGIA
T. Demetradze

TRANSFORMING WORKPLACE LEARNING: IMPLEMENTING MENTAL HEALTH FIRST AID PROGRAMMES AT WORK
RELATIONSHIP AMONG OPTIMISM, AFFECTIVE BALANCE, AND EMOTIONAL EXHAUSTION OF UNIVERSITY PROFESSORS
G. Martinez-Ramirez, J.A. Beltran-Sanchez, A. Valle de la O. J. Nava-Manzo, A. Guardiola-Ramirez

BIOTECHNOLOGY: PERCEPTIONS AND ATTITUDES OF PORTUGUESE HIGHER EDUCATION STUDENTS

THE IMPACT OF ENVIRONMENTAL KNOWLEDGE ON CONSCIOUS FOOD BUYING ATTITUDES BY PORTUGUESE CITIZENS WITH HIGHER EDUCATION
C. Moisés, A.J.G. Fernandes, M.I.B. Ribeiro

EXPLORING THE RELATIONSHIP BETWEEN PHYSICAL EXERCISE AND ACADEMIC PERFORMANCE
B. Tubillejas-Andrés, G. Juárez-Montesinos

ENHANCE YOUR COURSE WITH DIGITAL OPEN EDUCATIONAL RESOURCES GENERATED FROM FULLBRIGHT HAYS GRANTS IN ARGENTINA AND RUSSIA
S. Wyatt, W. Howard

INCREASING STUDENT ENGAGEMENT IN THE ARTS THROUGH GAMIFICATION
L. Dade

EDUCOMMUNICATIVE ECOSYSTEMS AND DIGITAL CULTURE: CRITERIA FOR A PEDAGOGICAL PRACTICE OF MEDIA LITERACY
A. Silveira Sartori

EMPOWERING LIFELONG LEARNERS: INVESTIGATING THE INFLUENCE OF DATA COMPETENCY AND PROGRAMME DESIGN ON SKILL APPLICATION IN A DATA LITERACY PROGRAMME
Y.A. Kurnianingsih, Y. Liu, M. Chng

ELECTRONIC TEXTBOOK: COMPUTER AND INTERNET SECURITY
V. Stoffová

ANALYSIS OF WRITTEN REPORTS OF PHYSICS LABORATORY STUDENTS AT UNIVERSITY LEVEL USING A TAXONOMY-BASED CATEGORISATION
N. Olivera, L. Pagella, L. Amy, C. Stari

CREATION OF ELECTRONIC TEACHING AIDS AND DIDACTIC APPLICATIONS BY TEACHERS
V. Stoffová, V. Gabalová

THE USE AND PROGRAMMING OF SPREADSHEETS AS A TOOL OR OBSTACLE IN CRITICAL THINKING COMPETENCIES, IN THE LEARNING OF STRUCTURAL ENGINEERING
L.H. Hernandez-Carrasco, J. Galindo-Ortiz

FROM RESEARCH LEARNING TO RESEARCH PRODUCTION: COLLECTIVE METHODOLOGY
E. Montero-Ojeda

EDUCATIVE MENTORING: EMPOWERING, SCAFFOLDING, AND CHALLENGING STUDENT TEACHERS’ LEARNING TO TEACH
J. Jung

LESSONS LEARNED IN APPLYING LEGO® SERIOUS PLAY® FOR TEACHING DIGITAL TRANSFORMATION IN HIGHER EDUCATION
T. Lucio-Nieto, D.L. Gonzalez-Bañales

THE DEVELOPMENT OF EXPERIENTIAL RESEARCH LEARNING PROJECTS IN THE ONLINE EDUCATIONAL ENVIRONMENT
S. Jennings, P. Norton, E. Mosser, P. Jain, F. Krebs

EXPLORING TEACHERS’ PERCEPTIONS AND READINESS OF APPLYING AI IN TEACHING AND LEARNING IN HIGHER EDUCATION
P.L.C. Lam, W.K.W. Chan, H.L. Wong

HIGHER EDUCATION DUAL STUDY IN BRAZIL AND ITS CONTRIBUTION FOR STUDENTS, COMPANIES AND EDUCATION INSTITUTIONS
R. Suzuki, L.C. Segura, W. Lemos

CLASSROOM EXPERIENCES WITH THE WRITING CENTER: PRACTICE SPACES, SHARED KNOWLEDGE AND APPROACH. TECNOLÓGICO DE MONTERREY CASE STUDY
S. García Ángeles, S. García

SHARING THE TRAVEL SPACE: INTERACTIVE 360 CULTURAL EXPERIENCES ONLINE
W. Howard, S. Wyatt, M. Redmon
THE ROLE OF ELEMENTS OF MASS CULTURE IN THE FORMATION OF THE IMAGE OF A CITIZEN IN THE LINGUISTIC CONSCIOUSNESS OF CHILDREN WITH A MIGRATION HISTORY WHO STUDY THE RUSSIAN LANGUAGE  
A. Seluitin, E. Seluitina

EDUCOMMUNICATIVE PEDAGOGICAL PRACTICE AND THE FIGHT AGAINST FAKE NEWS: SHIFTS IN PRODUCTION AND MEDIATION IN THE CONTEXT OF DIGITAL CULTURE  
A. Silveira Sartori

THE IMPACT OF VIRTUAL REALITY ON STUDENT LEARNING OF PHYSIOLOGY AND ANATOMY IN STEM HIGHER EDUCATION  
R. Campos, C. Carrion

MENTORS, PEERS, AND STUDENT COMMUNITIES: A FORMULA FOR STUDENT WELL-BEING?  
E. Rincon-Flores, O. Perni-Spaccini

CREATION OF A MAGAZINE WITH EMERGING TECHNOLOGY FOR SCIENTIFIC DISSEMINATION IN MEDIUM SUPERIOR LEVEL STUDENTS  
M. Arellano, R.J. Tovilla, A.M. Rizo

DESIGN OF THREE-DIMENSIONAL OBJECTS TO PROMOTE THE TEACHING-LEARNING PROCESS IN MEDIUM SUPERIOR LEVEL STUDENTS USING A HOLOGRAPHIC FAN  
M. Arellano, A.M. Rizo, R.J. Tovilla

ANALYSIS OF MOTIVATIONAL MEANS, METHODS AND FORMS OF TEACHING READING LITERACY OF PRIMARY SCHOOL PUPILS IN IRELAND  
M. Žišková, K. Barancová

OCCUPATIONAL PRESCRIPTION AT THE UNIVERSITY: A VIRTUAL EXCHANGE PROGRAM BETWEEN SPAIN, ARGENTINA, AND COLOMBIA  

PEER ASSESSMENT AND SELF-ASSESSMENT IN HIGHER EDUCATION HEALTH DEGREES  

THE USE OF SOCIAL NETWORKS BY HIGH SCHOOL AND UNIVERSITY STUDENTS DURING THEIR SELF-STUDY  
D. Tran

DESIGNING A HOLISTIC COMPETENCE ASSESSMENT INSTRUMENT FOR DIGITAL TRANSFORMATION  

EVALUATION AND EVOLUTION OF STUDENTS OPINIONS AND ASSESSMENT IN ERASMUS+ PROJECT LOCAL  

A PRACTICAL METHOD OF RESUME AND DISSEMINATION FOR GLOCAL ERASMUS+ BLENDED SUMMER SCHOOL RESULTS  
D. Gasiurylk, M.A. Florez de la Colina

BUILDING SOCIETAL RESILIENCE AGAINST SOCIAL ENGINEERING ATTACKS: UNLEASHING THE POWER OF INSTRUCTIONAL DESIGN AND MICROTARGETING  
A. Charalambous, E. Stavrou

CONSTRUCT TESTING OF STUDENTS’ BEHAVIOR AND DECISION-MAKING IN CHOOSING A DISTANCE UNIVERSITY IN INDONESIA  
G. Wiradharmac, M.A. Prasetyo, M. Arisanthy, D. Kurniawan, R. Budiman

ARTIFICIAL INTELLIGENCE AND NEW TECHNOLOGIES IN EDUCATION 5.0: THE CASE OF DEVELOPMENT THIRTEEN INNOVATION CENTRES IN ALL GREEK REGIONAL DIRECTORATES FOR PRIMARY AND SECONDARY SCHOOLS  
Z. Smyrnaiou, A. Liapakis, A. Bougia

TEACHING PHILOSOPHY TO LEARNERS WITH SPECIAL NEEDS: PHILOSOPHIZING AND LEARNERS WITH INTELLECTUAL DISABILITIES  
V. Stoppe, P. Matsenöhlder

LASER INDUCED GRAPHENE FOR FAST AND RELIABLE EDUCATIONAL CIRCUIT FABRICATION  
M. García Palomo, S. Ortiz Ruiz, R. Motos, M.C. Fernández-Sánchez, F. Pasadas, F.J. García Ruiz, E. G. Martín
FILMS4EDU PROJECT - MORE THAN 100 PHYSICS AND CHEMISTRY EXPERIMENTS FOR PRIMARY AND SECONDARY SCHOOLS
P. Hockicko, G. Tarjányiová, J. Kúdelčík 5512

WHAT ABOUT ME? PERSON-CENTRED EMPATHY IN HIGHER EDUCATION LEADERSHIP FOR CREATIVE INNOVATION AND SYNTHESIS OF NEEDS
A. Pitt 5517

INTERDISCIPLINARY CO-CREATION OF A MULTIPLAYER GAMIFIED MOBILE APP TO ADDRESS HERITAGE PRESERVATION CONSCIOUSNESS AMONG MUSEUM VISITORS: THE CASE OF THE MILITARY MUSEUM OF PORTO
B. Andrez, M. van Zeller, A. Coelho, P.M. Homem, M.M. Pinto 5518

PUBLIC SUPPORT FOR LIFE-LONG LEARNING AND ITS IMPACT ON EMPLOYEES WELLBEING ECOSYSTEM AND SUSTAINABILITY
M. Lesčevica, Z. Gusta 5525

DEFYING ZOOM FATIGUE – HOW TO BOOST THE EFFECTIVENESS AND SUSTAINABILITY OF ONLINE COMMUNICATION
F. Kempf, M. Krauss, M. Aßfalg 5526

ENHANCING ATTENTION SPAN IN ONLINE LANGUAGE LEARNING FOR UNDERGRADUATES: A HOLISTIC AND INCLUSIVE APPROACH
S. Premnath, K. Ekanayake, T. Pieris, E. Hettiarachchi, K.P. Hewagamage 5534

FORMATIVE EVALUATION USING ICTS IN TECHNICAL STUDIES AND ITS INFLUENCE ON THE FINAL COURSE SCORE

PEER LEARNING TO DEVELOP STUDENT’S SKILLS, SHARE KNOWLEDGE AND FOSTER A SENSE OF COMMUNITY IN UNDERGRADUATE DESIGN STUDIOS
M. Vicentini, B. Camocini 5553

THE RELATION BETWEEN PERCEIVED IMPORTANCE OF 21ST-CENTURY SKILLS AND ACADEMIC ACHIEVEMENT
J. Brouwer, M. Lara, M. Baars 5559

SECURE DISTANCE ASSESSMENT METHODOLOGY BASED ON OPEN SOURCE: IMPACT ON STUDENT PERFORMANCE AND LEARNING SELF-PERCEPTION

IMPEAKS OF LANGUAGE MODELS (CHATGPT) ON ALGORITHM TEACHING
D. Palla, A. Slabyj 5574

STRENGTHENING SKILLS THROUGH NON-FORMAL EDUCATION
M. Bustamante León, A. Rodríguez Aroca, J. Bermúdez Romero, H. Novillo Silva 5580

FACTORS INFLUENCING A CHOICE OF UNIVERSITY BY INTERNATIONAL STUDENTS: EVIDENCE FROM LOMONOSOV MOSCOW STATE UNIVERSITY
M. Ulyanova, D. Denisova 5589

SUSTAINABILITY AND GREEN SKILLS EDUCATION: CURRENT STATE OF STUDENT’S KNOWLEDGE IN FOUR EU COUNTRIES
T. Balcarova, J. Pitrova, L. Pilarová 5598

TEACHING ANATOMY IN THE PHARMACY DEGREE PRACTICE CURRICULUM THROUGH THE INCORPORATION OF COMPLETE ANATOMY SOFTWARE

NOVEL TEACHING EXPERIENCES IN THE CIRCUIT THEORY LAB

HYBRID LEARNING IN MEDICAL SCHOOL DURING COVID – WHERE DO WE GO FROM HERE?
R. Madden, L. Hayes, L. Aljohnmani, A. Patterson, M. Sutton 5611

IS GAMIFICATION AN EFFECTIVE PROPOSAL TO INCREASE THE PASS RATE IN THE FACULTY OF ECONOMICS AND BUSINESS?
A. Batllés de la Fuente, M.J. López Serrano, F.J. Castillo Díaz, L.J. Belmonte Ureña 5612

FLIPPED CLASSROOM WITH ASSESSMENT-Oriented activitieS IN CLASS
J.R. Quevedo, E. Montañés 5617
THE RELATIONSHIP BETWEEN HIGHER EDUCATION AND RENEWABLE ENERGY CONSUMPTION: A CASE OF TURKEY
G. Sart, F.H. Sezgin

ENHANCING ACTIVE LEARNING EFFICIENCY THROUGH PERSONALIZED LEARNING AND BLENDED LEARNING
R. Tobita

E-MENTORING IN HIGHER EDUCATION: RESULTS FROM A PILOT PROGRAM IN ECUADOR
M. Bustamante-León, H. Novillo Silva, A. Rodríguez Aroca, J. Bermúdez Romero

BLOG TECHNOLOGY AS ONE OF THE PREFERRED MEANS OF TEACHING ENGLISH AS A FOREIGN LANGUAGE IN A SECONDARY SCHOOL
S. Tuganova, I. Kurmaeva, K. Wagner

FINDING HOUSING DEFECTS IN VR - AN IMMERSIVE ENVIRONMENT FOR GENERAL EDUCATION CLASSES (ABU) IN SWITZERLAND
C. Keller, F. Amenduni, G. Walker, A. Cattaneo

ENHANCING STUDENT ENGAGEMENT IN HIGHER EDUCATION: A GAMIFIED APPROACH WITH METACOGNITION STRATEGIES
J.L. Galdón, J.J. Lull, C. Devece

TEACHER AWARENESS OF THE IMPORTANCE OF SOFT SKILLS IN PHYSICAL EDUCATION: A QUALITATIVE STUDY WITH PRIMARY EDUCATION TEACHERS
S. Sebastia-Amat, V. Alemany-Pastor, G. Sanchis-Soler, M. García-Jaén

BUILDING LEADERSHIP IN VETERINARY SERVICES THROUGH VIRTUAL IMMERSIVE LEARNING EXPERIENCES

A STATISTICAL EVALUATION OF STUDENTS’ ENVIRONMENTAL AWARENESS IN HIGHER EDUCATION
G. Sart, F.H. Sezgin

EUREKA PROJECT BIO-PLANT-PROTECT AS MODEL KNOWLEDGE TRANSFER BETWEEN ACADEMIC, RESEARCH AND INDUSTRY
M.D. Niculescu, B.G. Dumitriu, S. Cristea, L. Miu, M. Lason-Rydel, J. Sobczyk, C.A. Alexe, M. Stanca

TOwards A PROBLEMATISATION FRAMEWORK FOR THE SOUTH AFRICAN RESEARCH LANDSCAPE
N. Nhlapo, H. Van Der Poll, J. Van Der Poll

USING DEGREE APPRENTICESHIP PROGRAMMES TO MEET TARGETED INDUSTRY AND LEARNER NEEDS THROUGH A NATIONAL VOCATIONAL EDUCATION FRAMEWORK IN AOTEAROA-NEW ZEALAND
H. Cadzow, J. Mackay, R. Nyhof

MASTERING OPEN DATA IN PUBLIC ADMINISTRATION UNDERGRADUATE STUDENTS IN AN INFORMATION MANAGEMENT SUBJECT
C. Devece, J.J. Lull, R. Tarazona-Montoya

NATIVE REGION STUDY IN TEACHING A FOREIGN LANGUAGE: EXPERIENCE IN DEVELOPING INTERDISCIPLINARY CONNECTIONS
E. Chelpanova, E. Bystray, L. Belova, V. Moskhovich, F. Zakirova

ITEM WEIGHTING BY PREFERENCES LEARNING
E. Montañés, J.R. Quevedo

EXPLORING BULLYING AS AN ETHICAL ISSUE IN SOUTH AFRICAN PUBLIC SCHOOLS
G. Sebata-Govanayi

EVALUATING CHATGPT’S PHILOSOPHICAL SKILLS
S. Athanassopoulos, T. Dimitrakos, A. Ntoka

REGIONAL COMPONENT OF SCHOOL EDUCATION IN DIVERSIFICATION OF PRE-SERVICE FOREIGN LANGUAGE TEACHERS’ TRAINING
M. Bolina, K. Bolshakova, L. Naumenko, I. Orlova, E. Shmidt

THE PROJECT TO HELP COMBAT CLIMATE CHANGE
E. Panulinova, S. Harabinova

TRANSFORMING EDUCATION THROUGH GENERATIVE INTELLIGENCE: IMPLICATIONS AND PERSPECTIVES
A. Dubinsky

VIRTUAL AND INTERNATIONAL COLLABORATIVE TASK WITH STUDENTS FROM SPAIN AND COLOMBIA: A PILOT STUDY
A. Rodríguez-Mengod, C. Cardoso, F.J. Garay
BRIDGING THE EMPATHY GAP: EXERCISING EMPATHY AS A METHOD FOR ASSISTIVE PRODUCT DESIGN
A. Buffagni

ATTITUDES OF SLOVENIAN SCHOOL CHILDREN TOWARDS FORESTS AND CLIMATE CHANGE: A STUDY BY THE FOREST OF EXPERIMENTS
B. Rantuša, A. Alpgić, A. Gačo, M. Jež, M. Kraševč, U. Vilhar

APPLICATION OF STEAM METHODOLOGY IN VOCATIONAL EDUCATION
E. Panulinova, S. Harabinova

FOREIGN AND DOMESTIC CULTURES' JUXTAPOSITION IN TEACHING THE NATIONAL REGIONAL COMPONENT WITHIN PROFESSIONAL PEDAGOGICAL FOREIGN LANGUAGE TRAINING
E. Chelpanova, E. Bysťar, L. Belova, V. Moshkovich, F. Zakirova

EXPLORING BARRIERS TO LEARNING ABOUT DISABILITY IN HEALTH CARE SPECIALISTS' EDUCATION
J. Babarskiene, R. Vaičiūnaitė, J. Grubliauskienė

INTRODUCING NEW LEARNING ACTIVITIES FOR SKILL IMPROVEMENT IN AN ENGINEERING COURSE
J. Ceamanos, L. García, E. Romero

AN INVESTIGATION OF STEM DECOLONISING ACTIVITY WITHIN UK HIGHER EDUCATION INSTITUTIONS
Z. Tompkins, K. Feliciello, A. Singh

TEACHER QUALITY FROM THE VIEWPOINT OF PRE-SERVICE TEACHERS
L. Rovanová

EDUCATION IN AGRICULTURE ON THE SOCIAL NETWORK "TWITTER"
L. Pilarova, T. Balcarova

EXPLORING MINDFUL EXPERIENTIAL LEARNING OF PSYCHOLOGISTS WORKING IN THE HEALTH CARE SYSTEM
J. Babarskiene, R. Vaičiūnaitė, G. Levičienė

BLENDED INTENSIVE PROGRAMME – A NEW WAY TO IMPLEMENT STUDENTS’ SKILLS
I. Piščienė, J. Ginavičienė

SCHOOL FOOD EDUCATION PROJECTS: A LEARNING TOOL FOR FUTURE GENERATIONS

RESEARCH IN THE FIELD OF HEALTH AND SAFETY. RISK ASSESSMENT AND EVALUATION USING THE CHECKLIST IN THE OIRA TOOL IN THE OIRA WEB PLATFORM
A. Kuricová, K. Hollá, S. Kočkár

MY BODY IS A CLASSROOM: MOVEMENT-BASED PERFORMING ARTS AS EMBODIED LEARNING AND PEDAGOGY IN SECONDARY SCHOOL CLASSROOM
N. Cappello, E. Anttila, D. Cañabate

GAME-BASED LEARNING APPLYING VIRTUAL REALITY: VISUALIZING THE SCIENTIFIC-ACADEMIC APPROACH

MOTIVATING CHEMICAL ENGINEERING STUDENTS: STRATEGIES TO REDUCE THE DROPOUT RATE

THE INFLUENCE OF PROXIMITY ON A HEI’S ENGAGEMENT WITH GOVERNMENT STAKEHOLDERS
R. Vance Lee, R. Kelly

IMPLEMENTATION OF THE COMBINED METHOD OF FLIPPED CLASSROOM AND PROJECT-BASED LEARNING IN THE BIOINFORMATICS COURSE OF THE BIOLOGY DEGREE AT THE UNIVERSIDAD DE JAÉN
P. Moro, E.E. Montiel, P. Lorite

COLLABORATIVE AND PROJECT-BASED LEARNING: A CASE STUDY IN JAPAN
X.R. Zhang
HIGHER VOCATIONAL TRAINING AND UNIVERSITY STUDENTS JOINED BY A SERVICE-LEARNING PROJECT

HIGHLIGHTING GREEK TRADITION IN LEARNING GREEK AS L2/FL THROUGH A MULTIMEDIA EDUCATIONAL ENVIRONMENT
I. Antoniou-Kritikou, G. Tsoulouhas, C. Economou

MENTORING PROGRAMMES AT UNIVERSITIES: THE CASE OF VILNIUS UNIVERSITY
A. Stankovičienė, R. Toleikienė, I. Milištinaitė

ACTIVE METHODOLOGIES IN UNIVERSITY TEACHING: TRANSITION FROM UNIDIRECTIONAL TO BIDIRECTIONAL TEACHING
A. Martín-García, I. Gil-Saura, M.E. Ruiz-Molina, R. Gil-Saura, M.S. Moise, M. Bordian

DIGITAL LEARNING IN PRECALCULUS MATHEMATICS WITH A TEAM-BASED APPROACH
E. Kryststad, T. Schjem

DO ICT FACILITATE THE LEARNING PROCESS?: IDENTIFYING DIFFERENCES BETWEEN UNDERGRADUATE AND POSTGRADUATE STUDENTS
A. Martín-García, I. Gil-Saura, M.E. Ruiz-Molina, R. Gil-Saura, M.S. Moise, M. Bordian

A DEEP LEARNING SIMILARITY-CHECKING METHOD THAT CAN IDENTIFY PATTERNS OF RESEMBLANCE IN DUPLICATED QUESTIONS CAN BE USED TO COMBAT THE PROBLEM OF PLAGIARISM
I. Bandara, F. Ioras

INDUSTRY-UNIVERSITY COLLABORATION IN THE CONTEXT OF SMART CITY
E. Títov, L. Hõbe

THE FUTURE OF CHEMICAL ENGINEERING: HIGH PROFESSIONAL DEMAND AND LOW ENROLLMENT IN UNDERGRADUATE PROGRAMS - THE CASE OF UNIVERSIDAD DE LA LAGUNA
L. Rodríguez-Gómez, M.C. Marrero, I. Ruigómez, J. Rodríguez-Sevilla, L. Vera

WOOD SNOEZELLEN. MULTISENSORY WOODEN ENVIRONMENTS FOR STUDENTS WITH DISABILITIES IN THE PRIMARY SCHOOL OF LOZZO ATESTINO
A. Tonetti, M. Rossetti, E. Bozza, A. D’Ambrosio

TEACHING RUSSIAN AS A FOREIGN LANGUAGE TO ENGLISH SPEAKING AFRICAN STUDENTS
V. Mashenkin, N. Pomoriseva

SERVICE-LEARNING IN THE CHEMICAL ENGINEERING AND ENVIRONMENTAL SCIENCES DEGREES OF UNIVERSIDAD DE LA LAGUNA FOR THE PROTECTION OF WATER RESOURCES
L. Vera, M.C. Marrero, I. Ruigómez, L. Rodríguez-Gómez

ADVANCING MEDICAL EDUCATION THROUGH THE CINNAMON WEB APPLICATION
I. Marin

A DIFFERENT APPROACH TO TECHNOLOGY PROFESSIONAL DEVELOPMENT FOR K-12 AND POST-SECONDARY EDUCATORS
A. Ropp

CONTEXTUALIZING HATE SPEECH ONLINE: PERSPECTIVES FROM THE EDUCATIONAL COMMUNITY IN THE GREEK PERIPHERY
K. Mantzos, A. Theodosiou, K. Potísis, A. Papadopoulos, A. Kanes

ELECTROLYSIS IN THE ENVIRONMENTAL CONTEXT: A STS PERSPECTIVE APPROACH PROPOSAL
D. Costa da Silva, Y. Bernardes Santos

EDUCATION AS AN OPPORTUNITY FOR LABOR MIGRATION - HOW INTERNATIONAL UNIVERSITY COLLABORATIONS AFFECT STUDENTS’ LIFE PATHS
M. Klenner, K. Arzybaeva, F. Grimm
ENHANCING RESILIENCE TO CHANGE: A MOBILE-LEARNING INTERVENTION
FACILITATING THE TRANSITION FROM PRIMARY TO SECONDARY EDUCATION
D. Nicolaidou, I. Nicolaidou

ASSESSING THE BASIC MATHEMATICAL SKILLS OF STUDENTS ENROLLED IN A
PSYCHOLOGICAL AND EDUCATIONAL SCIENCES UNDERGRADUATE PROGRAM
TO SUPPORT THEIR SUCCESS THROUGH APPROPRIATE REMEDIATION
J. Liemans, L. Lacourt, L. Santoro, D. Cauchie, M. Bruyninckx

INNOVATIVE INTERNATIONAL RESEARCH COLLABORATION: EVALUATION OF
THE PEDAGOGICAL VARIATION MODEL (PVM, ROGERS, 2013)
M.S. Rogers, A. Grunewald Nichele

NATIONAL UNIVERSITY OF SINGAPORE STRATEGIES FOR CONTINUING
EDUCATION AND LIFELONG LEARNING FOR ITS WORKFORCE
R. Tan, D. Lee

SMARTPHONE USE TO SUPPORT STUDYING IN STUDENTS FROM HIGH SCHOOL
AND HIGHER EDUCATION
M. Lara, K. Joseph

STUDY OF THE REFLECTIVE AND OBJECTIVE ASPECTS OF TEACHER’S NON-
STANDARDNESS
N. Kaloyanova

RESULTS IN APPLYING BADGES IN A GAMIFIED STRATEGY IN THE STUDENT-TO-
STUDENT PROGRAM (STSP) AT UNIVERSITY OF AVEIRO
F. Carvalhalho, C. Santos, L. Pedro

SUSTAINABLE FASHION INFLUENCERS, INFORMAL EDUCATORS FOR THE
CLIMATE CHANGE GLOBAL CHALLENGE
I. Palomo-Dominguez, O. Merfeldaitė, J. Pivorienė

DISTANCE EDUCATION AND ONLINE TEACHING IN THE EDUCATIONAL PROCESS
H. Mičková, J. Miková, Z. Nováková

A METHODICAL QUALIFICATION MODEL FOR STIMULATING THE TEACHER’S
NON-STANDARDNESS
N. Kaloyanova, Z. Dimitrova

PROTECTING THE PRIVACY OF PUPILS IN THE DIGITAL ENVIRONMENT
H. Mičková, J. Miková, Z. Nováková

EXPLORING THE IMPACT OF MEANINGFUL LEARNING ON AI COURSE
ACQUISITION
Z. Tagdimi, S. Aammou, Y. Jdidou, I. Amzil

ARTIFICIAL INTELLIGENCE AND LEARNING ENVIRONMENTS: THE ROLE OF NLP
V. Barra, F. Corona

TEACHER GUIDE: EMPOWERING TEACHERS WITH FLIPPED AND BLENDED
LEARNING PEDAGOGY/METHODOLOGY FOR INNOVATION AND STUDENT-
CENTERED EDUCATION
T. Fotiadis, A. Yeratziotis, G.A. Papadopoulos

“….WHAT IF I DON’T SUCCEED IN THAT?” STAFF OBSERVATIONS ON CAREER
CHOICE ASPIRATIONS AMONG STUDENTS IN A DISTANCE HIGHER EDUCATION
INSTITUTION IN SOUTH AFRICA
M.G. Mlambo, M. Molapo, S. Bathulezi

DESIGN THINKING AND NEW PROGRAM INNOVATION: CASE STUDY RESEARCH
IN HIGHER EDUCATION EVOLUTION POST PANDEMIC
D. Nicholas, S. Anandan

STRATEGIC DESIGN FOR UNIVERSITY-INDUSTRIES COOPERATION FOR A
COLLABORATIVE NETWORK DEVELOPED THROUGH WORK-BASED LEARNING
AND KNOWLEDGE SHARING
D. de Spirito, G. Pontillo, I. Fiesoli, G. Lotti

MIXED TEACHING APPROACHES IN EMBODIED INTERACTION DESIGN CLASS
F. Costa, C.E. Standoli

SMART READING: DEVELOPING READING SKILLS USING A GAME-BASED APP IN
CHILDREN
L. Wilsdon, M. Uther, D. Chadwick, A. Giannakopoulou

EVALUATION OF SERVICE-LEARNING AS AN ALTERNATIVE FORM OF SOCIAL
WORK PRACTICE EDUCATION
A. Brezanmanova Gregorova, E. Virostková Nabelkova
ACTIVE AND EXPERIMENTAL LEARNING IN A TRANSVERSAL AND MULTIDISCIPLINARY SUSTAINABILITY PROJECT
E. Acha, I. Martínez, M. Martínez-Santos, A. López-Urionabarrenchea, B.B. Perez-Martínez, A. Serras-Malillos, B.M. Caballero

USING EYE-TRACKING TECHNOLOGY TO PROVIDE ASSISTIVE SUPPORT IN A MIXED REALITY LEARNING SYSTEM
J. Paehr, T.N. Janbor

EDUCATIONAL VALUE OF MOTOR SPORT ACTIVITIES BETWEEN SKILLS, STRATEGIES OF STUDY AND SELF-ESTEEM: A PILOT STUDY
R. Perrone, V. Minghelli, L. Pallonetto, C. Palmiero

EVALUATING TOOLS FOR ASSESSING SENSORY EXPERIENCES IN PHYSICAL LEARNING SPACES: A LITERATURE REVIEW
R.A.A. Mikhail, A. Barbara

DEVELOPMENT OF COMPUTER SCIENCE KNOWLEDGE, SKILLS AND ATTITUDES CATALOG FOR STUDENTS AGED 8-11
M. Zapušek, A. Žerovnik

“CHATGPT, CAN YOU MOTIVATE MY LEARNERS?” - CO-CREATION OF INSPIRING LESSON STEMS WITH AI CHATBOTS
C. Hess, S. Kurz

USABILITY AND SITUATIONAL INTEREST OF DEVELOPED ONLINE COMPUTER SCIENCE COURSE FOR PRIMARY SCHOOL STUDENTS
A. Žerovnik, M. Zapušek

A DESIGN INTERNATIONAL COLLABORATIVE CLASS TO ENVISION NEW CONCEPTS FOR THE NEAR FUTURE
C.E. Standoli, F. Misik, A. Tejero Granados

DARK-SCENE IMAGE BRIGHTENING FOR DETECTING MUSEUM EXHIBITS: USING DEEP LEARNING BASED ON HUMAN VISUAL CHARACTERISTICS

TEACHER-STUDENT COLLABORATIVE FRAMEWORK TO IDENTIFY BURNOUT VS. MOTIVATION CONTRIBUTORS IN BIOTECHNOLOGY BACHELOR’S DEGREE
A. Heredia, C. Barrera

AN AUTOMATED DESIGN TOOL FOR TEACHERS AND TASK DESIGNERS

PARTICIPATIVE AND CONSCIOUS LEARNING: AN ACTIVE TEACHING EXPERIENCE WITH UNIVERSITY STUDENTS
I. Coppola, C. Fiscone, F. Bracco, N. Rania

ENHANCING THE PARTICIPATION OF MARGINALISED GROUPS THROUGH PARTICIPATORY RESEARCH PROCESSES: CHILDREN AS ACTIVE AGENTS OF CHANGE
F. Rota, L. Luini

MICROSTRUCTURE TECHNOLOGY TRAINING IN A VIRTUAL REALITY CLEANROOM
T. Kaiser, F. Lukas, J. Kretzschmar, C. Hertlert, M. Steinert, T. Persch, A. Tuennemann

USING ROBOTICS TO SUPPORT THE TEACHING OF STEM TO UPPER PRIMARY AND LOWER SECONDARY SCHOOL PUPILS
T. Lavery

COGNATES AWARENESS THROUGH PEDAGOGICAL TRANSLANGUAGING
J. Villegas

“LET’S NOT DISCUSS IT….” AN EPISTEMOLOGICAL UNDERSTANDING OF ARGUMENTATION BY ARABIC-SPEAKING EFL UNIVERSITY STUDENTS
J. Qin

ANTHROPOCENE AND HAPPINESS: A REFLECTION IN THE LIGHT OF COMPLEXITY
R. Ramos, M.J. Rodrigues, P. Fortunato Vaz, I. Rodrigues

UNCONSCIOUS GENDER BIAS IN RECRUITMENT PROCESSES: EXPERIENCES AND AWARENESS OF RECRUITERS AND JOB APPLICANTS
M. Amorim, F. Saghezchi, L. Bastos, M. Rodrigues, M. Ferreira Dias, C. Silva, R. Castro Madureira

LEVERAGING ARTIFICIAL INTELLIGENCE AND PROBLEM-BASED LEARNING TO FOSTER CRITICAL ANALYSIS AND SCIENTIFIC COMMUNICATION IN GRADUATE STUDENTS
L. Mercadé, D. Ortiz de Zárate-Díaz, A. Barreda, E. Pinilla-Cienfuegos
NOT WITH ME! AN INTERVENTION TO ENABLE ADOLESCENTS BETWEEN THE AGES OF 14 AND 18 TO DEAL WITH FOOD TEMPTATIONS
L. Stals, L. Verhey, A. Wanzeele, M. Wyts

CONTRIBUTION OF CHALLENGE BASED LEARNING ELEMENTS TO THE DEVELOPMENT OF TRANSVERSAL AND PROFESSIONAL COMPETENCES
L. Segui Gil, C. Barrera, M.L. Castelló, J. García-Hernández, A. Heredia

INTRODUCTION OF RISKY PLAY ELEMENTS INTO EDUCATIONAL CONTEXT
K. Susman, A. Žerovnik, I. Hergan

SMART GLASSES TO SUPPORT PEOPLE WITH DISABILITIES – AN EXPLORATIVE STUDY
M. Freudenthaler, M. Posch, F. Scheele, S. Schlögl

ACCOUNTING FOR THE FUTURE: DEVELOPING SKILLS REQUIRED OF ACCOUNTANTS WHILE IN UNIVERSITY
S. Dempsey

IMPLEMENTING INTERDISCIPLINARY TEACHING APPROACH BY PRE-SERVICE PRIMARY SCHOOL TEACHERS
K. Susman, A. Žerovnik, I. Hergan

SUPPORTING TEACHER-BUILT LEARNING CHATBOTS – AN INITIAL TOOL EVALUATION
S. Tullis, S. Schlögl, T. Dilger, T. Spieß

DEVELOPMENT OF A GRADUATE COURSE ON CRITICAL COMPETENCIES: PROFESSIONAL SKILLS
H. Gerardo

TEXTILE MASTERY: UNLEASHING CREATIVITY, EXPERTISE, AND INNOVATION IN INTERIOR DESIGN EDUCATION THROUGH HANDS-ON EXPLORATION FROM MANUAL TO 3D PRINTING
N.S. Abdelaziz Mahmoud

FOREIGN LANGUAGE ANXIETY AND SECOND LANGUAGE FLUENCY IN STUDY ABROAD
J. Lang-Rigal

COMPARISON OF THE RESULTS OBTAINED BY GROUPING STUDENTS IN COUPLES VERSUS INDIVIDUALLY IN THE COMPLETION OF TASKS
I. Uriarte, N. Uriarte

MUSEUM’S INTERIOR CIRCULATION APPROACHES FOR EDUCATIONAL SUCCESS
G. Elsamanoudy

THE PROFILE OF THE SPECIAL SCHOOL EDUCATOR IN ITALY: AN EXPLORATORY SURVEY ON TRAINING, SKILLS, EMOTIONS AND BELIEFS
A. Fiorucci

INTEGRATION OF SEVERAL ACTIVITIES ABOUT THE SUSTAINABLE DEVELOPMENT GOALS IN THE SUBJECTS RELATED TO EXPERIMENTATION IN CHEMICAL ENGINEERING OF THE BACHELOR OF CHEMICAL ENGINEERING

EVALUATING THE IMPACT OF ENVIRONMENT DESIGN ON BRAINSTORMING ACTIVITIES AND THE EFFECT OF LIVE DISCUSSION FEEDBACK ON GROUP WORK BALANCE IN VIRTUAL REALITY
T. Voigt, J. Ehrhardt, K. Ukens, R. Frieß

SEXUAL HARASSMENT: A BARRIER TO LEARNING
N. Matselane, A.H. Makura

ACCESSIBLE OSCILLOSCOPE FOR EXPERIMENTAL LEARNING OF ENGINEERING STUDENTS
R. Aragón-Mureddu, Y. Minami

PRE-SCHOOL EDUCATION AND ITS DIAGNOSTIC EVALUATION IN PUPILS WITH DEVELOPMENTAL APRAXIA OF SPEECH
K. Neubauer, L. Neubauer

INDUSTRY PERCEPTIONS OF LEARNING OUTCOMES: A LONGITUDINAL ANALYSIS
S. Guidera, S. Tandoh

OPENING THE UNIVERSITY TO HIGH SCHOOL STUDENTS: CAMPUS PRAKTIKUM UPV IN THE FRAMEWORK OF THE CHEMICAL ENGINEERING DEPARTMENT
DEFINING RESEARCH ON INTELLIGENT TUTORIAL SYSTEMS IN K12 EDUCATION
A. Létourneau, P. Charland

PROMOTION OF INTEREST IN AVIATION AND THE ENVIRONMENT THROUGH ELEMENTARY EDUCATION IN CHILDREN FROM 4 TO 6 YEARS OLD
F. Curiel Fabela, R. Florencio da Silva, R. Chavero López

WARWICK FILM FESTIVAL, BELONGING, AND LESSONS LEARNED

REIMAGINING EDUCATION: THE FUTURE LANDSCAPE IN THE ERA OF ARTIFICIAL INTELLIGENCE AND CHATGPT
J. Naranjo

PSYCHOLOGICAL INFLEXIBILITY AND EMOTIONAL DISTRESS IN STUDENTS WHO GRADUATED DURING THE COVID-19 PANDEMIC
F.P. Hernandez Moreno, S. Jimenez

COIL PROJECTS AS A MEANS TO FOSTER COLLABORATIVE WORK IN THE PROFESSIONS
M.C. Campoy-Cubillo, V. Jiménez Estrada

PEDAGOGICAL EXPERIENCES IN THE DESIGN OF VIRTUAL COURSES FOR ENGINEERING AT THE EAN UNIVERSITY OF COLOMBIA
D.A. Varela Martínez, A. Maldonado Currea, L.M. Guevara Ortega

“ONE RING (LECTURE) TO INSPIRE THEM ALL – BUT IT’S NO MAGIC”: CHANGING THE ATTITUDE OF YOUNG WOMEN TOWARDS COMPUTER SCIENCE WITH AN INTERACTIVE RING LECTURE

EDUCATIONAL INNOVATION WITH A GENDER PERSPECTIVE IN THE DESIGN OF VIRTUAL COURSES FOR ENGINEERING AT THE EAN UNIVERSITY OF COLOMBIA
D.A. Varela Martínez, A. Maldonado Currea, L.M. Guevara Ortega

“ONE RING (LECTURE) TO INSPIRE THEM ALL – BUT IT’S NO MAGIC”: CHANGING THE ATTITUDE OF YOUNG WOMEN TOWARDS COMPUTER SCIENCE WITH AN INTERACTIVE RING LECTURE

EDUCATIONAL INNOVATION WITH A GENDER PERSPECTIVE IN THE DESIGN OF VIRTUAL COURSES FOR ENGINEERING AT THE EAN UNIVERSITY OF COLOMBIA
D.A. Varela Martínez, A. Maldonado Currea, L.M. Guevara Ortega

THE IMPACT OF DIGITAL TOOLS, CLOUD-BASED SERVICES AND ARTIFICIAL INTELLIGENCE ON HIGHER EDUCATION: A CASE STUDY WITHIN TWO ROMANIAN UNIVERSITIES
M. Marian, I. Borcoși, C.A. Borcoși, A. Cusman, D. Ioniță

POSSIBILITIES OF USING PODCASTS IN HIGHER EDUCATION
M. Kurvits, A. Runum, K. Reišent, A. Ohlau

THE (RE)DESIGN OF THE EDUCATIONAL ENVIRONMENT IN PORTUGAL. WHAT IS CHANGING?
P. Lourenço, A. Alegre, T. Heitor

THE USE OF ARDUINO MICROCOMPUTERS IN TEACHING PHYSICS
S. Major, M. Hubalovska

OLD WINESKINS - NEW WINE? UP-TO-DATE ELEMENTS INSERTABLE IN A SELECTED PARTS OF MATHEMATICS AT A HIGH SCHOOL/TECHNICAL UNIVERSITY
R. Budjač, I. Markechovo, H. Stúpalová

UNVEILING SOCIOTECHNICAL TENSIONS AND STRATEGIES: A QUALITATIVE EXPLORATION OF STUDENTS’ MANAGEMENT OF PERSONAL LEARNING ENVIRONMENTS
M. Josselin, C. Corfo, S. Collin

THE USE OF 3D PRINTING AND ENGINEERING PROTOTYPING IN PROBLEM-BASED TEACHING IN SECONDARY SCHOOLS
S. Major, M. Hubalovska

DEVELOPMENT OF A CONCEPTUAL MODEL OF ONLINE TRAINING IN EMPATHY AND ITS SPECIFIC METHODOLOGIES
J. Freitas, G. Miranda

ENERGY FOR TOMORROW, TODAY: EDUCATING FUTURE GENERATIONS TO ENERGY SUSTAINABILITY, BETWEEN DIDACTICS AND DESIGN
L. Ratti, M. Cason Villa, C. Leonardi

USING MOODLE’S CERTIFICATES TO ATTEST NEW LEARNER SKILLS IN HIGHER EDUCATION
A. Buhu, L. Buhu

COLLABORATIVE EXPERIENCES AMONG TEACHERS ORIENTED TOWARDS THE PEDAGOGICAL INTEGRATION OF DIGITAL TECHNOLOGIES: A SYSTEMATIC LITERATURE REVIEW
L.P. Rodrigues Lourenço, E. Cruz, F. Albuquerque Costa
APPLYING FLIPPED TEACHING METHODOLOGY TO IMPROVE SKILLS IN THE DESIGN OF LOW VOLTAGE ELECTRICAL INSTALLATIONS
C. Terrón Santiago, J. Burriel Valencia, A. Sapena Batió, M. Riera Guasp

THE ROLE OF MENTORING TO FOSTER AN INNOVATIVE UNIVERSITY TEACHING
M.C. Quirici, D. Fantozzi, P. Malloggi

ADAPTING BROADCAST TECHNOLOGY FOR USE AS A TOOL FOR EDUCATION CONTENT CREATION: LESSONS FROM THE CLOUDCLASS PROJECT
J. Playfoot

REMOTE LAB FOR TEACHING KINEMATICS IN AN ENGINEERING DYNAMICS COURSE
C. Trujillo-Suarez, A. Perez-Restrepo, S. Restrepo-Lopez

ANALYSIS OF THE INTUITIVE CONCEPT OF CONTINUITY IN THE CONTEXT OF DIMENSION
G.R. Bolaños Evia, C. Domínguez Albino, F. Hernández Grovas, Y. Romero Rosaldo, J. Salvador Montes, P. Vega Lara

EVALUATION OF TEACHING MATERIAL DEVELOPED DURING THE COVID PANDEMIC FOR AN ENGINEERING DYNAMICS COURSE IN A POST-COVID SCENARIO
C. Trujillo-Suarez, S. Restrepo-Lopez, A. Perez-Restrepo

ARCHITECTURE AND CREATIVITY: CREATIVE STRATEGIES IN THE TEACHING OF AN ARCHITECTURE PROJECT
M.I. Alba Dorado

COORDINATING WELDED JOINT PRACTICES IN ENGINEERING SCHOOLS: REDUCING ENVIRONMENTAL IMPACTS AND ENHANCING STUDENT LEARNING

A STUDY OF NEW TRENDS IN POST-COVID CLASS ENGAGEMENT – DOES LAST MINUTE REVISION MAKE SENSE?
B.Y. Toh, N. Buchanan

EDUCATIONAL ROBOTICS AND BLENDED-LEARNING FROM THE PERSPECTIVE OF TEACHERS
T. Jerabek, P. Vankova

AN INTERACTIVE VIRTUAL APPROACH AIMED AT ENHANCING THE ACHIEVEMENT OF LEARNING OBJECTIVES IN TURBOMACHINERY SUBJECTS
J.M. López, E. Durán, P. Gutiérrez-Castillo, C. Del Pino

RESEARCH ORIENTATION IN FINAL PROJECTS: PROTOCOL PROPOSAL
J. Tarifa Fernández, M.M. Capobianco Uriarte, E. Carmona Moreno

ENHANCING THE RESILIENCE OF SCHOOL PSYCHOLOGISTS: THE POTENTIAL OF PERSONALITY FACTORS AND EMOTIONAL FLEXIBILITY
E. Virostková Nabělková, M. Sautner, A. Brozmana Gregorová

EXPERIENCES OF VIRTUAL REALITY IN THE CLASSROOM THROUGH 3D SCANNING

USE OF ENTERTAINMENT MEDIA IN FLUID MECHANICS ENGINEERING LECTURES
E. Durán, M. Lorite-Díez

DIGITAL COMPETENCE AND SELF-DETERMINATION: NEW FRONTIERS FOR ONLIFE EDUCATION FROM AN INCLUSIVE PERSPECTIVE
D.C. Di Gennaro, A. Amadoro

DEVELOPING QUALITY STANDARDS FOR TEACHING AND LEARNING IN A MULTI-COLLEGiate CODEL UNIVERSITY
R. Tsephe, I. Naidoo

THE IMPACT OF GRATITUDE, GENUROSITY, AND EMOTIONAL BALANCE ON EMOTIONAL EXHAUSTION AMONG UNIVERSITY PROFESSORS
J.O. Navía-Manzó, J.A. Beltran-Sánchez, A. Guardiola-Ramírez, G. Martínez-Ramírez, A. Valle de la O

EXPLORING STUDENTS’ PERCEPTIONS OF SUSTAINABLE UNIVERSITIES: A CASE STUDY FROM THE UNIVERSITY OF ORADEA, ROMANIA
R. Simut, C. Simut, S. Dzitac
COMPUTATIONAL THINKING AS A TOOL FOR DIGITAL LITERACY IN OLDER ADULTS
E. Clunie, E. González, M. Morales, Y. Villarreal, V. López, A. Pinel

ENHANCING DESIGN INNOVATION: EMBRACING THE 'OUT OF THE BOX' RESEARCH APPROACH IN PRODUCT DESIGN
A. Buffagni

THE USE OF NON-CONVENTIONAL DISSEMINATION TOOLS FOR PROMOTING AWARENESS IN SUSTAINABLE FOOD PRODUCTION: THE EXPERIENCE OF THE H2020 FOODE PROJECT IN THE PRIMARY SCHOOLS OF BOLOGNA (ITALY)
S. Blasioli, I. Zauli, F. Orsini

WHY ARE WOMEN STAYING AWAY FROM STEM UNIVERSITY CAREERS?
M. Payeras, M. Jacob, A. Dominguez, C. Florido

THE DIGITAL TOOLS AS A MEANS OF OPENING NEW HORIZONS FOR THE ROMA STUDENTS AT THE ELEMENTARY SCHOOL
S. Gióssi, M. Kouamtsidou

ORAL SKILLS IN STUDENTS OF THE UNIVERSIDAD DE LA RIOJA

TRAINING PRESENT AND FUTURE GENERATIONS ON SUSTAINABLE DEVELOPMENT AND DIGITAL TRANSFORMATION THROUGH THE LENS OF SYSTEMS THINKING
S. Armenia, F. Barnabé, S. Nazir

EXPLORING THE PEDAGOGICAL CONNECTION BETWEEN CITIZEN PARTICIPATION AND SUSTAINABILITY: A QUALITATIVE CONTENT ANALYSIS BASED ON MAIN INTERNATIONAL AND EUROPEAN POLICIES
F. Rota, M. Ratotti

VTEACHER: A TOOL FOR THE EDUCATIONAL USE OF AVATARS IN VIRTUAL CLASSROOMS
F. Madera, V. Menéndez, P. Moreno Carvajal

A THEORETICAL PERSPECTIVE ON OPTIMIZING PROFESSIONAL ORIENTATION STRATEGIES IN DUAL EDUCATION: INSIGHTS FROM EU POLICIES AND THE ROMANIAN SYSTEM
C. Simut, F. Ortan, R. Simut

THE USE OF APPLICATIONS FOR FOREIGN LANGUAGE LEARNING BY UNIVERSITY STUDENTS IN SLOVAKIA
M. Krejnus, J. Stofkova, Z. Stofková

ACHIEVING INNOVATION IN EDUCATION: THE NEED FOR A CULTURAL CHANGE
P. Água, C. Correia, V. Conceição

COMPARING PERCEPTION AND REALITY: EXPLORING TEST COMPLEXITY AND STUDENT PERFORMANCE IN HIGHER EDUCATION
I. Pesovski, R. Santos, V. Trajkovik, R. Henriques

PROMOTING YOUTHS’ PRO-ENVIRONMENTAL AGENCY: A PILOT INTERVENTION PROGRAM FOR A SAMPLE OF ITALIAN UNIVERSITY STUDENTS
S. Caldaroni, E. Bottichini, M. Gerbino, C. Pastorelli

DEVELOPING AND IMPLEMENTING QUALITY IMPROVEMENT PLANS IN HIGHER EDUCATION: LESSONS FROM THE GLOBAL SOUTH
E. Johannes, L.L. Lalendle, N. Mdledle

CREATIVITY AT THE HEART OF COMMUNITY WELL-BEING: PROMOTING EVIDENCE-BASED RESEARCH FOR SOCIAL PRESCRIBING IN WALES
M.S. Rogers

SPEAKING VS. READING: HOW TO PRESENT WELL ONLINE?
E. Riekhakaynen, V. Zubov

LEARNING TO EVALUATE THE POTENTIAL IMPACT OF RURAL BUSINESSES THROUGH BUSINESS PROTOTYPES DEVELOPED WITH SYSTEM DYNAMICS
S. Armenia, A. Bruno, T. De Angelis

HOW TO CREATE ACCOUNTABILITY THROUGH SHARED GRADES? A CASE STUDY FROM THE BED PROGRAMME AT ASTON UNIVERSITY
P. Tasi, J.B. Shaw, A. Postle, E. Vettraino

CHALLENGES OF MANAGING STUDENTS IN REMOTE AREAS IN USING ONLINE STUDENT SERVICES: THE CASE OF UNIVERSITAS TERBUKA STUDENTS IN BANGKA BELITUNG ISLANDS PROVINCE, INDONESIA
I. Zubaidah
DEVELOPING A SPOKEN CORPUS OF EFFECTIVE RUSSIAN-SPEAKING TEACHERS
V. Prokaeva, E. Richakhayenen, I. Vinogradova, V. Zubov

THE ROLE OF TEACHERS AS MIDDLE MANAGERS TO PROMOTE HIGH-QUALITY INCLUSIVE SCHOOLS IN ITALIAN CONTEXTS: A RESEARCH PROPOSAL
F. Capodanno, F. Sabatano, P. Aiello

AUGMENTATIVE ALTERNATIVE COMMUNICATION (AAC) AND SCHOOL-FAMILY ALLIANCE: WHAT ARE SOME PERSPECTIVES FOR FULL INCLUSION?
M. Galdieri, I. Zollo, M. Sibilio

PROMOTING READING AND LITERACY FROM TEACHERS' PERSPECTIVES IN LONGITUDINAL RESEARCH
M. Fasnerová, J. Petrová

THE ASSOCIATION BETWEEN FUTURE LEARNING SUPPORT TEACHERS’ CAREER MOTIVATION AND THEIR COMMITMENT TO TEACH IN INCLUSIVE CLASSROOMS
I. Viola, E.M. Pace, P. Aiello

TELEDENTISTRY: EVIDENCE MAP OF SYSTEMATIC REVIEWS

REFINING PART-TIME EDUCATION: METHODOLOGICAL INNOVATIONS AND BEST PRACTICES IN THE ONLINE ERA
P. Tasi, B. Kardos, B. Sziójértó, E. Osipovskaya

ENHANCING STUDENTS' PROGRAMMING COMPREHENSION THROUGH CONTENT COLLABORATIVE CREATION APPROACH
J. Andritsch, A. Wilde

SOCIAL INNOVATION IN GREEK ACADEMIA: WHERE WE STAND AND WHERE WE WANT TO GO
K. Mantzos, F. Tatsi, A. Theodosiou, A. Kameas

ADAPTING TO THE FUTURE: HARNESING AI'S POTENTIAL FOR EDUCATION
B. Bigiardi, E. Bussi, V. Dolci, E. Gianatti, B. Pini, A. Petroni, L. Tagliente

ADOPTION OF GAGNE’S LEARNING MODEL OF INSTRUCTION AND UPPER BASIC STUDENTS’ ACADEMIC PERFORMANCE IN BASIC SCIENCE AND TECHNOLOGY IN TARABA STATE, NIGERIA
C. Audu, D. Audu

IT IS POSSIBLE TO PROMOTE SUSTAINABILITY CONSCIOUSNESS WHILE LEARNING ABOUT EVOLUTIONARY BIOLOGY IN PRIMARY SCHOOL: AN INTERVENTION FOCUSED ON A SCHOOL GARDEN
A. Partal-Jurado, M. Martín-Peciña

THE TRANSFORMATION OF PUBLIC SECTOR EMPLOYEES THROUGH THE EXPLOITATION OF INNOVATIVE TEACHING APPROACHES IN DISTANCE EDUCATION
S. Giossi

PANDEMIC AND EDUCATION: A BIBLIOMETRIC ANALYSIS OF ICT USE IN RESEARCH LITERATURE
B. Bigiardi, V. Dolci, E. Gianatti, A. Notaro, B. Pini, A. Petroni, L. Tagliente

ARTS EDUCATION AS A MEANINGFUL CONTEXT TO ACHIEVE DEEP LEARNING IN CLIL EDUCATION
K. Reekmans

NEUROCOGNITIVE ASPECTS OF EMOTIONAL REGULATION IN THE CONTEXT OF BILINGUAL LANGUAGE PROCESSING
A. Barnau, K.L. Patráš

INTEGRATED THEMATIC TEACHING IN KINDERGARTEN
J. Petrová, M. Fasnerová

APPLICATIONS AND SIMULATORS IN TEACHING. ANALYSIS OF TWO TRAINING EXPERIENCES AND REFLECTIONS FOR THE ARTIFICIAL INTELLIGENCE (AI) IN EDUCATIONAL CONTEXTS (AIED)
S. Contreras

A SCOPING REVIEW ON LANGUAGE LEARNING THROUGH PLAY
A. Boultif, B. Crettenand Pecorini

A SIMPLE ONLINE CARD GAME ENGINE FOR TEACHING PURPOSES
R. de Boer

DIGITAL APPLICATIONS FOR TEACHING BLACK AND WHITE PHOTOGRAPHY: THE CASE OF PORTRAIT PHOTOGRAPHY
D. Gounari, A. Papadopoulou
THE IMPACT OF A PRE-ENGINEERING PROFESSIONAL DEVELOPMENT PROGRAM ON TEACHERS’ UNDERSTANDING AND DEVELOPMENTALLY APPROPRIATE PRACTICES IN USING TECHNOLOGY IN DIVERSE EARLY CHILDHOOD SETTINGS

G. Ragusa

6823

THE DEMOCRATIZATION OF DESIGN: A CASE STUDY LOOKING AT THE FUTURE OF DESIGN EDUCATION AND THE DO-IT-YOURSELF DESIGNERS

R. Kelly, C. Steller

6828

ENHANCING ACADEMIC SPEAKING SKILLS: TEACHING ENGLISH FOR MEDICAL PURPOSES THROUGH VOICETHREAD

A. Barnau, B. Džuganová

6838

EMPLOYEES’ SATISFACTION IN TIMES OF ORGANIZATIONAL CHANGES, WITH SUPPORT OF A DIGITAL APPLICATION

A. Svensson, L. Aggestam, A.K. Holmqvist

6843

DEVELOPING PERSPECTIVE TAKING SKILL THROUGH EDU-GAMING: AN EXPLORATORY STUDY

E. Zappalà, L. Campitiello, S. Di Tore, M. Sibilia

6844

“ARBORETO 360”, LEARNING THROUGH THE IMMERSING EXPERIENCE OF THE 360º VIRTUAL TOUR OF THE ARBORETUM OF THE SCHOOL OF FOREST ENGINEERING AND NATURAL RESOURCES, TECHNICAL UNIVERSITY OF MADRID

A. López-Rodriguez, C. López-Léiva

6851

INTERDISCIPLINARY PROBLEM-POSING IN HIGH SCHOOL MATHEMATICS AND PHYSICS: INSIGHTS FOR ALL DISCIPLINES

D. Miedijensky, S. Miedijensky

6856

ENHANCING LANGUAGE AND SOCIO-EMOTIONAL SKILLS IN PRE-SCHOOL CHILDREN: A MULTISENSORY ITINERARY WITH THE THYMIO ROBOT

F. Morleo, R. Grimaldi, S. Palmieri, P. Anselmi, A. Vitanza

6860

EXPLORING PEDAGOGICAL INSIGHTS IN THE EXPERIMENTAL PHYSICS COURSE OF THE SCHOOL OF ENGINEERING IN URUGUAY DURING THE PANDEMIC

C. Stari, L. Amy, C. Raimondi, S. Favre, L. Lenci

6869

UNDERSTANDING TEACHER PERSPECTIVES AND EXPERIENCES AFTER DEPLOYMENT OF AI LITERACY CURRICULUM IN MIDDLE-SCHOOL CLASSROOMS

P. Ravi, A. Broski, G. Stump, H. Abelson, E. Klapper, C. Breazeal

6875

EMOTION REGULATION IN THE CONTEXT OF EMOTIONAL INTELLIGENCE MODELS AND PERSONALITY TRAITS AS 21ST CENTURY SKILL

L. Kaliská

6885

YOUTUBE IELTS PRACTICE AS AN ONLINE TOOL TO COMPLEMENT IELTS PREPARATION IN THE EFL CLASSROOM

R. May-Meléndez, R. Ferrer-Mendez, A. Sánchez-Rivero

6892

COUNSELLING SKILLS TRAINING VIA ONLINE TRAINING CENTER VERSUS TRADITIONAL TRAINING

L. Kaliská

6899

USE OF TECHNOLOGICAL TOOLS TO IMPROVE THE THEORY CLASS IN THE COURSE ‘INDUSTRIAL CHEMICAL PROCESSES’

E. Romero, L. García, J. Ceamanos

6905

THE STATE OF USE OF COMPUTER PROGRAMS AND MOBILE APPLICATIONS AMONG ADOLESCENTS OF CITY AND REGIONAL SCHOOLS

M. Gurgenidze, N. Makaradze, I. Didmaridze, N. Mikeladze, N. Akhvlediani

6913

HALL IMMERSIVE ROOM + GAMIFICATION: A GREAT LEARNING EXPERIENCE!

E. Rincon-Flores, B.N. Santos-Guerrero, L. Castano, C. Ramirez-García

6923

LEARNING VOCABULARY THROUGH BOARD GAMES WITH NINTH GRADE STUDENTS IN A PRIVATE SCHOOL IN BOGOTÁ, COLOMBIA

J. Cano Salerno

6931

TRAINING ALTERNATIVE FORMS AS AN OPPORTUNITY FOR UNIVERSITY STUDENT’S COMPETENCE INCREASE

Z. Heinzezová

6935

TRAINING OF TRANSFERABLE JOB SKILLS OF UNIVERSITY STUDENTS

L. Dokoupilová, A. Gogiel, J. Blahová, M. Fero, P. Garaň, I. Novotná

6942

TECHNOLOGY MEDIATED ONLINE REVIEWS TO PROMOTE STUDENT LEARNING

L.L. Lalendle, E. Johannes, N. Mdledle

6949
ARTIFICIAL INTELLIGENCE HIGHER EDUCATION AND DYNAMIC POSTGRADUATE COURSES: THE CASE STUDY OF ‘CULTURAL ORGANIZATION’S MANAGEMENT’ MSC
G. Gantzias

EMOTION REGULATION AND AUTHENTICITY AS 21ST CENTURY SKILLS
Z. Heinzová

DIGITAL PHOTOGRAPHY AS A MEANS OF INCLUSION IN SPECIAL NEEDS EDUCATION
D. Gounari, A. Papadopoulou

TEAMWORK OF UNIVERSITY STUDENTS IN THE DIGITAL SPACE AS PART OF AN INTERNATIONAL EDUCATIONAL PROJECT
L. Dokoupilová, A. Cogiel, M. Fero, J. Blahová, P. Gárdiň, I. Novotná

THE ROLE OF PREVENTION OF MENTAL DISORDERS IN THE DEVELOPMENT OF HEALTHY DEVELOPMENT OF CHILDREN DURING EARLY ADOLESCENCE
T. Čech, J. Šmída, S. Dobešová Cakirpaloglu

TRANSFORMATION OF THE NEEDS OF ELEMENTARY SCHOOLS IN THE CONTEXT OF THE EDUCATION OF Socially Disadvantaged Pupils
J. Šmída, T. Čech, T. Hornandlová, V. Balaban

ROBOTICS EDUCATION: A COMPARATIVE STUDY OF TEACHING APPROACHES
A. Jdidou, S. Aammou

SUPPORTING COMPUTING ACCESS, LEADERSHIP, AND EQUITY: 5 ELEMENTS OF A HEALTHY RESEARCH-PRACTICE PARTNERSHIP
J. Flapan, J. Ryoo, R. Hadad, S. Mendoza

PEDAGOGICAL INNOVATION: ROBOTS AS TOOLS FOR LEARNING
A. Jdidou, S. Aammou

EDUCATION THROUGH SPORT: YOUNG ATHLETES PROMOTE COMMUNITY CHANGES

FROM THEORY TO PRACTICE: UNRAVELING THE INFLUENCE OF UNIVERSITY-INDUSTRY EXPERIENCES ON LEARNING AND COMPETENCE DEVELOPMENT IN FOOD PRODUCT INNOVATION
B.I. Maldonado-Guevara, J.J. Carracedo-Navarro

EXPERIENCES OF INTERNATIONAL LINKAGE IN THE DEVELOPMENT OF INTERCULTURAL AND PERSONAL COMPETENCIES
M. Ruiz-Cantisani, V. Lara-Prieto

S. Charratre-Fraoua, A. David

EMERGENCY REMOTE TEACHING FOR A RE-DESIGNED SOFTWARE ENGINEERING LAB: A CASE STUDY
W. Alsaggaf

DIVERSE CLASSROOM STRATEGIES IN FLIPPED LEARNING: INSIGHTS FROM TWO ENGINEERING COURSES
X. Otegui, K. Carrione, M. Míguez

BUILDING 21ST CENTURY SKILLS APPLYING PROVEN TEACHING METHODS
D. Waddill

CHILDREN’S RIGHTS DURING THE LOCKDOWN: A STUDY FROM THE EXPERIENCES OF KINDERGARTEN TEACHERS
C. Mesquita, C. Ribeiro, M.L. Azevedo

ASSESSING THE IMPACT OF THE CONTEXT-AWARE BUSINESS INTELLIGENCE FRAMEWORK IN THE OPEN DISTANCE LEARNING ENVIRONMENT IN SOUTH AFRICA
I. Nyalungu, S.K. Ndlovu

ASSESSMENT IMPACT OF ALGORITHM FOR RECOMMENDING CONTENT IN "ASRIT ACADEMY" ONLINE LEARNING PLATFORM
J. Lahiassi, S. Aammou, Y. Jdidou, O. Elwarraki

LESSONS LEARNED TO TEACH FROM THE TURKEY AND SYRIA 2023 EARTHQUAKE THROUGH A SERVICE-LEARNING MODEL WITH THE AID OF AI FEATURES
J.C. Mosquera Feijoo, M.B. Benito-Oterino, S. Andrés Martínez, C.L. Garay Rondero
ENHANCING PERSONALIZED LEARNING THROUGH COMPREHENSIVE LEARNER PROFILING
I. Amzil, S. Aammou, Y. Jdidou, Z. Tagdimi

USE OF 3D PRINTING IN CREATING LABORATORY EQUIPMENT DURING STUDENTS' FINAL PROJECTS
P. Zalimidis, L. Gomatos, G. Vasileiou, C. Kalliheros, V. Spitas

INTEGRATION OF AI COURSES IN MOROCCAN UNIVERSITIES: ENRICHED RESOURCES FOR EFFECTIVE LEARNING AND ENGAGEMENT
Z. Tagdimi, S. Aammou, Y. Jdidou, I. Amzil

CONDUCTING A NEEDS ANALYSIS TO DEVELOP A FURTHER TRAINING CONCEPT FOR THE STRATEGIC ORIENTATION OF A COMPANY TOWARDS AGILE MANUFACTURING METHODS
B.M. Rich, S. Eltner, E. Block, J. Worlitz

ON-SITE TRAINING AND INSTRUCTION USING MIXED REALITY TECHNOLOGY
R. Drlička, M. Dado, M. Kotsus, R. Hnilička, S. Addánek

THE NEED FOR EDUCATION OF SECURITY MANAGERS IN THE ISSUE OF MANAGING PANDEMIC SITUATIONS SUCH AS COVID-19
M. Boroš, A. Velis, Z. Zváková

PERSONALIZED E-LEARNING IMPACT: SURMOUNTING DIFFICULTIES AND OPTIMIZING LEARNER RESULTS
J. Lahissi, S. Aammou, Y. Jdidou, H. Erradi

ACTIVE LEARNING STRATEGIES: ENHANCING STUDENT PARTICIPATION IN A THEORETICAL-PRACTICAL CHEMISTRY CLASSES AT UNIVERSITY OF AVEIRO
P. Ribeiro-Claro, F. Carvalho, V. Carlos, M. Nolasco

A PROPOSAL FOR IMPROVING LEARNING AND EMOTIONS’ MANAGEMENT IN BLIND PEOPLE FROM SOUNDSCAPES
L.M. Cerdá Suárez

SCHOOL PRINCIPALS LEADERSHIP IN PRACTICE: FROM THE TACIT TO THE EXPLICIT, A TRAINING CHALLENGE
J.A. Agudelo Idárraga, R. Hernández Escorcia, C. Serrano

REFLECTING ON THE SIGNIFICANCE OF PARTICIPATION IN RELATION TO COMMUNICATION STRATEGIES: A METHODOLOGICAL EXPLORATION OF B-YOUTH FORUM
C. Buzzacchi, M. Ratotti

HISTORICAL GAMIFICATION, AN OPPORTUNITY FOR LEARNING
J. Samaniego, A. Mayorga, A. Carrera, F. Peralta

CHEMISTRY EXPERIMENTS TO DO OUT OF THE LABORATORIES
A. Grunewald Nichele, F. Nunes da Silva

CITIZENSHIP AT SCHOOL BETWEEN DESIRE, CIVIC ENGAGEMENT AND DEMOCRATIC COMPETENCES
C. Buzzacchi

LEARNING ANALYTICS AND EDUCATIONAL DATA MINING IN INDONESIA: A LITERATURE REVIEW
S. Jessica

EARLY YEARS TEACHER'S CONCEPTIONS AND PRACTICES TO ASSESS AND DOCUMENT CHILDREN'S CONCEPTIONS
C. Mesquita, M.A. Azevedo, C. Ribeiro, A.L. Pinto, L. Castanhêira, R.P. Lopes

HYFLEX, HIGHTECH & HIGHTOUCH: ADVANCING STUDENT SUPPORT AND MOTIVATION IN AN ONLINE STUDY PROGRAM OF SOCIAL WORK
P. Arnold, D. Karwinkel

EXPERIENCES FROM COLLABORATIVE ONLINE INTERNATIONAL LEARNING (COIL) BETWEEN HIGH POINT UNIVERSITY (USA) AND TAMAULIPAS AUTONOMOUS UNIVERSITY (MEXICO)
M. Sahagun, F. Ortiz-Rodriguez

TOWARD A MODEL FOR ADJUSTING DIFFICULTY TO ENHANCE PERSONALIZED LEARNING
I. Amzil, S. Aammou, Y. Jdidou, Z. Tagdimi

ANALYSIS OF THE PERCEIVED USEFULNESS OF RECORDED LECTURES IN STUDENTS OF THE SCHOOL OF ENGINEERING IN URUGUAY
C. Raimondi, M. Pratto, X. Otegui, L. Fernández, C. Luna
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLIED LEARNING STRATEGY USING TECHNOLOGY TO CONNECT HIGHER EDUCATION STUDENTS WITH WORKPLACE OPPORTUNITIES</td>
<td>7187</td>
</tr>
<tr>
<td>D. Waddill</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS OF THE PERFORMANCE OF ECUADORIAN UNIVERSITIES IN THE TIMES HIGHER EDUCATION RANKING: USING BIPILOT TECHNIQUES</td>
<td>7188</td>
</tr>
<tr>
<td>F. Guevara-Viejó, J.D. Valenzuela Cobos, J. Coello Viejó, F. Pacheo Olea</td>
<td></td>
</tr>
<tr>
<td>THE PERSPECTIVE OF TEACHERS IN THREE TEACHER TRAINING INSTITUTIONS REGARDING THE IMPLEMENTATION OF A NEW CURRICULUM FOR BASIC EDUCATION</td>
<td>7189</td>
</tr>
<tr>
<td>H.S. Flores Castro, P.J. Canto Herrera, C. Rios Villanueva</td>
<td></td>
</tr>
<tr>
<td>WHAT DID THEY LEARN ABOUT THE EARTH SYSTEM AND GEOETHICS? A QUASI-EXPERIMENTAL STUDY WITH PORTUGUESE SENIOR CITIZENS</td>
<td>7197</td>
</tr>
<tr>
<td>T. Ribero, C. Vasconcelos</td>
<td></td>
</tr>
<tr>
<td>VOLUNTEERS MOTIVATIONS TO ENGAGE IN CITIZEN SCIENCE: A PORTUGUESE CASE WITH STUDENTS AND SENIOR CITIZENS</td>
<td>7204</td>
</tr>
<tr>
<td>T. Ribero, C. Vasconcelos</td>
<td></td>
</tr>
<tr>
<td>FLIPPED CLASSROOM APPLIED TO FINANCIAL MATHEMATICS COURSE OF THE PUBLIC MANAGEMENT AND ADMINISTRATION DEGREE</td>
<td>7211</td>
</tr>
<tr>
<td>M. Bosch-Princep</td>
<td></td>
</tr>
<tr>
<td>TOWARDS A DIGITALLY COMPETENT TEACHER WITH DIG2PHY: ESTABLISHING A DIGITAL SPACE TO DESIGN TANGIBLE EDUCATIONAL RESOURCES</td>
<td>7216</td>
</tr>
<tr>
<td>S. Ribero, P. Beça, M. Aresta</td>
<td></td>
</tr>
<tr>
<td>VIRTUAL REALITY SIMULATION IN NURSING</td>
<td>7225</td>
</tr>
<tr>
<td>E. Wells-Beede, H.J. Seo, C. Weston, S. Mitchell, L. Thai</td>
<td></td>
</tr>
<tr>
<td>TOWARD THE FUTURE OF PERSONALIZED LEARNING: EMERGING TRENDS AND CHALLENGES IN RECOMMENDATION SYSTEMS</td>
<td>7226</td>
</tr>
<tr>
<td>O. Elvarraki, S. Aammou, Y. Jalidou, H. Lahiassi</td>
<td></td>
</tr>
<tr>
<td>EMBRACING THE FUTURE OF PERSONALIZED LEARNING: THE TRANSFORMATIVE IMPACT OF RECOMMENDATION SYSTEMS IN ONLINE EDUCATION</td>
<td>7236</td>
</tr>
<tr>
<td>O. Elvarraki, S. Aammou, Y. Jalidou, H. Erradi</td>
<td></td>
</tr>
<tr>
<td>INCORPORATING SUSTAINABILITY REPORTING ANALYSIS INTO ECONOMICS AND ACCOUNTING COURSES</td>
<td>7244</td>
</tr>
<tr>
<td>M.M. Capobianco-Uriarte, E. Besorabova, M.P. Casado Belmonte, F. Galan Valdivieso, G.M. Marin Carrillo</td>
<td></td>
</tr>
<tr>
<td>DISSEMINATING SCIENCE, AN EXPERIENCE WITH MANY SCENARIOS</td>
<td>7245</td>
</tr>
<tr>
<td>J. Samaniego, M. Samaniego, J. Gonzalez, G.U.A. Ibarra Ruiz</td>
<td></td>
</tr>
<tr>
<td>WHAT TO TEACH TO FUTURE INTERPRETERS TODAY</td>
<td>7252</td>
</tr>
<tr>
<td>R. Mukhametzyanova, A. Gainutdinova, O. Akinova, E. Plakhova</td>
<td></td>
</tr>
<tr>
<td>ENHANCING STUDENT ENGAGEMENT AND LEARNING OUTCOMES THROUGH BLENDED LEARNING IN HIGHER EDUCATION: A QUANTITATIVE ANALYSIS</td>
<td>7256</td>
</tr>
<tr>
<td>M. Salhi, R. Goitia, S. Ben Meskina</td>
<td></td>
</tr>
<tr>
<td>ACADEMIC JUSTICE AND STUDENTS' COMMITMENT: EVIDENCE FROM THE POSTGRADUATE CONTEXT IN BRAZIL</td>
<td>7265</td>
</tr>
<tr>
<td>K.L. Costa Sabino, J. Veneroso Alves da Canha, S. de Oliveira Durso</td>
<td></td>
</tr>
<tr>
<td>LINGUOCULTURAL AND REGIONAL STUDIES APPROACH IN THE METHODOLOGY OF TEACHING ENGLISH GRAMMAR AT A UNIVERSITY</td>
<td>7274</td>
</tr>
<tr>
<td>A. Gainutdinova, O. Akinova, R. Mukhametzyanova, E. Plakhova</td>
<td></td>
</tr>
<tr>
<td>THE PRIMM METHOD FOR TEACHING PROGRAMMING: EXPERIMENTATION AND VALIDATION</td>
<td>7278</td>
</tr>
<tr>
<td>GUIDED DESIGN METHODOLOGY FOR ACTIVITIES THAT INTEGRATE GENERATIVE ARTIFICIAL INTELLIGENCE TOOLS IN EDUCATION: A PILOT STUDY PROMOTING ETHICAL USE AND FOSTERING CRITICAL THINKING IN UNDERGRADUATE STUDENTS</td>
<td>7283</td>
</tr>
<tr>
<td>L. Zepeda, I. Benavides, C. Lopez, O. Roman, Y. Domínguez</td>
<td></td>
</tr>
<tr>
<td>TRAINING IN FINANCIAL EDUCATION FOR PRIMARY SCHOOL TEACHERS</td>
<td>7293</td>
</tr>
<tr>
<td>M. Bosch-Princep</td>
<td></td>
</tr>
<tr>
<td>CHANGING INSTITUTIONAL CULTURE ONE REPORT AT A TIME: APPLYING A CHANGE MODEL TO WRITING ASSIGNMENT TUTOR TRAINING IN STEM (WATTS)</td>
<td>7296</td>
</tr>
<tr>
<td>J. Bodenhamer, R. Pflueger, C. Renguette, B. Sorge, R. Weissbach</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>FEASIBILITY OF IMMERSIVE ENVIRONMENTS IN THE METAVERSE FOR REMOTE</td>
<td>7301</td>
</tr>
<tr>
<td>PRACTICAL EDUCATION IN COMPUTER NETWORKS</td>
<td></td>
</tr>
<tr>
<td>E. Vieira, F. Medeiros</td>
<td></td>
</tr>
<tr>
<td>SUPPORT FOR CONCEPT-CENTRIC AND TOOL-INDEPENDENT SOFTWARE MODELING</td>
<td>7311</td>
</tr>
<tr>
<td>TEACHING THROUGH SOFTWARE MODEL CONVERTERS</td>
<td></td>
</tr>
<tr>
<td>S. Vaupel, B. Oliva</td>
<td></td>
</tr>
<tr>
<td>SECURING ONLINE LABORATORY MANAGEMENT SYSTEMS USING BLOCKCHAIN</td>
<td>7318</td>
</tr>
<tr>
<td>TECHNOLOGY: A COMPREHENSIVE REVIEW</td>
<td></td>
</tr>
<tr>
<td>A. Pena-Molina, M.M. Larrondo-Petric</td>
<td></td>
</tr>
<tr>
<td>PUSHING DESIGN PEDAGOGY: PREPARING THE DESIGNER OF THE FUTURE IN</td>
<td>7327</td>
</tr>
<tr>
<td>INSTITUTIONS OF HIGHER EDUCATION</td>
<td></td>
</tr>
<tr>
<td>R. Kelly, M. Stress</td>
<td></td>
</tr>
<tr>
<td>ACADEMIC PREPARATION MEETS ENTREPRENEURIAL MINDSET: A VITAL ROLE OF</td>
<td>7336</td>
</tr>
<tr>
<td>THE ENTREPRENEURSHIP CENTERS AND ENTREPRENEURS-IN-RESIDENCE IN</td>
<td></td>
</tr>
<tr>
<td>THE HIGHER EDUCATION SETTINGS</td>
<td></td>
</tr>
<tr>
<td>A. Pietraszek</td>
<td></td>
</tr>
<tr>
<td>UNIVERSITY AND K-12 SCHOOL PARTNERSHIP IN VIRGINIA (USA): A</td>
<td>7340</td>
</tr>
<tr>
<td>SUCCESSION PLAN FOR TEACHER LEADERS AND SCHOOL LEADERS</td>
<td></td>
</tr>
<tr>
<td>K. Cassada, D. Jackson, P. Anderson</td>
<td></td>
</tr>
<tr>
<td>UNIVERSITY AND K-12 SCHOOLS PARTNERSHIP IN VIRGINIA (USA):</td>
<td>7341</td>
</tr>
<tr>
<td>PREPARING LEADERS FOR A CHANGING K-12 LANDSCAPE</td>
<td></td>
</tr>
<tr>
<td>D. Jackson, K. Cassada</td>
<td></td>
</tr>
<tr>
<td>TEACHERS’ ACCEPTANCE OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN</td>
<td>7342</td>
</tr>
<tr>
<td>DISTANCE EDUCATION COURSES IN BRAZIL</td>
<td></td>
</tr>
<tr>
<td>S. de Oliveira Dursor, E. Pimenta Arruda, J. Veneroso Alves da</td>
<td></td>
</tr>
<tr>
<td>Cunha</td>
<td></td>
</tr>
<tr>
<td>STUDENTS’ APPRECIATIONS ABOUT THE IMPLEMENTATION OF THE CHAIR OF</td>
<td>7351</td>
</tr>
<tr>
<td>PEACE IN BOGOTÁ – COLOMBIA</td>
<td></td>
</tr>
<tr>
<td>L. García-Noguería, A. Marrín Marrín</td>
<td></td>
</tr>
<tr>
<td>CHATGPT AS AN INNOVATIVE TOOL IN PRIMARY SCHOOL TEACHING</td>
<td>7356</td>
</tr>
<tr>
<td>P. Kocková, K. Kilianová, K. Kostolanyová</td>
<td></td>
</tr>
<tr>
<td>BODY OF KNOWLEDGE BASED MENTOR RECOMMENDATIONS, MATCHING STUDENTS’</td>
<td>7363</td>
</tr>
<tr>
<td>AND MENTORS’ COMPETENCIES AND INTERESTS</td>
<td></td>
</tr>
<tr>
<td>V. Ajanowski</td>
<td></td>
</tr>
<tr>
<td>CAREER CHOICE AND EMPLOYABILITY STATUS AMONG STUDENTS IN A</td>
<td>7364</td>
</tr>
<tr>
<td>COMPREHENSIVE OPEN DISTANCE EDUCATION IN SOUTH AFRICA</td>
<td></td>
</tr>
<tr>
<td>M. Molapo, S. Buthelezi, M.G. Mlambo</td>
<td></td>
</tr>
<tr>
<td>PRECONCEPTIONS OF FORGIVENESS IN HIGHER EDUCATION TEACHERS IN</td>
<td>7370</td>
</tr>
<tr>
<td>COLOMBIA</td>
<td></td>
</tr>
<tr>
<td>E. Medina</td>
<td></td>
</tr>
<tr>
<td>ELEMENTARY TEACHERS: LEARNING HOW TO INTEGRATE COMPUTATIONAL</td>
<td>7377</td>
</tr>
<tr>
<td>THINKING INTO MATHEMATICS EDUCATION</td>
<td></td>
</tr>
<tr>
<td>H. Haydar, M. Liang, H. Castillo</td>
<td></td>
</tr>
<tr>
<td>CHILD LABOUR: A BARRIER TO EDUCATION</td>
<td>7384</td>
</tr>
<tr>
<td>F. Rebelo, A. Guimarães</td>
<td></td>
</tr>
<tr>
<td>TAILORSCORE: APPLICATION OF INNOVATIVE TEACHING AND ARTIFICIAL</td>
<td>7390</td>
</tr>
<tr>
<td>INTELLIGENCE TO ENCOURAGE CREATIVITY</td>
<td></td>
</tr>
<tr>
<td>M. Kučić, L. Luć</td>
<td></td>
</tr>
<tr>
<td>CAN INNOVATION BE TAUGHT OR LEARNED? A LITERATURE STUDY</td>
<td>7398</td>
</tr>
<tr>
<td>D.S. Olsen</td>
<td></td>
</tr>
<tr>
<td>TRIANGULATION FRAMEWORK FOR INNOVATIVE TEACHING: D-LEARNING, D-</td>
<td>7403</td>
</tr>
<tr>
<td>MOTIVATION, D-COMPETENCES</td>
<td></td>
</tr>
<tr>
<td>K. Rončević, L. Luć</td>
<td></td>
</tr>
<tr>
<td>DEVELOPING DIGITAL COMPETENCIES THROUGH INFORMATION TECHNOLOGY AND</td>
<td>7411</td>
</tr>
<tr>
<td>COMPUTER MODELLING LESSONS IN ELEMENTARY SCHOOL EDUCATION</td>
<td></td>
</tr>
<tr>
<td>D. Atanasova, I. Minkova</td>
<td></td>
</tr>
<tr>
<td>EXPERIENCE REPORT FROM ONLINE AND HYBRID TEACHING OF A PROJECT-</td>
<td>7418</td>
</tr>
<tr>
<td>ORIENTED DATABASES COURSE USING AN ADAPTIVE ITERATIVE PROCESS OF</td>
<td></td>
</tr>
<tr>
<td>FORMATIVE AND SUMMATIVE ASSESSMENT</td>
<td></td>
</tr>
<tr>
<td>V. Ajanowski</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF PROJECT-BASED LEARNING IN DEVELOPING DIGITAL</td>
<td>7428</td>
</tr>
<tr>
<td>COMPETENCIES IN ELEMENTARY SCHOOL STUDENTS</td>
<td></td>
</tr>
<tr>
<td>D. Atanasova, I. Minkova</td>
<td></td>
</tr>
</tbody>
</table>
ASSESSING THE IMPACT OF HIGHER EDUCATION TEACHERS' DIGITAL COMPETENCES ON CREATING INNOVATIVE STRATEGIES FOR EVALUATING STUDENT LEARNING OUTCOMES
L. Lučić, A. Romčević, D. Čerepinko

INTELLIGENT SYSTEM FOR A DIFFERENTIAL EQUATIONS PROBLEM GENERATOR WITH GAMIFICATION
H. Pablo Leyva, R.B. Silva López

SELF-DIRECTED LEARNING AS LIFELONG COMPETENCE: PERSPECTIVES OF RESEARCH SCHOLARS IN INDIA
B.K. Oram, R.K. Bisswal, I. Minj

ENHANCING LANGUAGE LEARNING WITH H5P: EXAMPLES, CHALLENGES AND SUGGESTIONS
T. Sbardella

STAFF PERSPECTIVES ON COUNSELLING AND CAREER GUIDANCE SERVICES IN AN ODEL INSTITUTION IN SOUTH AFRICA
M.G. Mlambo, M. Molapo, S. Buthelezi

A CRITICAL ANALYSIS OF MEASURES OF PERSISTENCE IN HIGHER EDUCATION
B. Masuye, L. Marumolwa

INDUSTRIAL DESIGN TEACHING THROUGH DIGITAL RENDERING: AN EDUCATIONAL EXPERIENCE OF ITALIAN CHINESE CULTURAL INTEGRATION
F. Gaetani, M. Li, F. Brevi

EXPERIENCES OF DESIGN AND IMPLEMENTATION OF GAMIFICATION AS A DIDACTIC STRATEGY IN ENGINEERING EDUCATION
R.B. Silva López, H. Pablo Leyva, C.A. Mejía Bazán

REINVENTING HUMAN RESOURCES POST COVID 19: THE CHANGING ROLE OF HR LEADERS
T. Nicholson

FACTORS INFLUENCING THE NATURE OF PRACTITIONER-PARENT RELATIONSHIPS IN ECD CENTRES IN THE EASTERN CAPE: A REVIEW OF LITERATURE
J. Dirks, I. Roy

PREPARING STUDENTS TO BE AGENTS OF CHANGE THROUGH ACTIVE AND EXPERIENTIAL LEARNING ACTIVITIES: EXAMPLES FROM HORIZON EUROPE PROJECTS
L. Mentini, C. Pacaterra

RED ALERT! BIODIVERSITY IN DANGER - AN AWARENESS SCIENCE COMMUNICATION ACTIVITY FOR ENVIRONMENTAL CONSERVATION
A.S. Matos, M.J. Almeida, C. Almeida-Aguiar, M.A. Forjaz

DEVELOPMENT OF NEW APPROACHES TO BRING RESEARCH AND RESEARCH RESULTS TO THE LARGE PUBLIC THROUGH EDUCATION AND ENGAGEMENT
C. Pacaterra, L. Mentini

PREDICTIVE RELATIONSHIP BETWEEN INSTRUCTIONAL FEEDBACK AND ACHIEVEMENT MOTIVATION OF STUDENTS WITH MATHEMATICAL DIFFICULTIES
L. Salihu, T. Smith

ON-SITE, ONLINE OR HYBRID? FROM AD HOC SOLUTIONS TO MEANINGFUL PROCESSES
S. Kucina Softic, M. Odak

PREVIOUS CONCEPTIONS ON EPSIEMOLOGICAL ASPECTS OF THE NATURE OF SCIENCE AND ITS INFLUENCE ON THE DEVELOPMENT OF SCIENTIFIC SKILLS AT THE GRADUATE LEVEL
P. Morales Bueno, R. Santos Rodas

REPLACING THE TRADITIONAL WHITEBOARD WITH A TABLET PROJECTED TO A SCREEN DURING PROBLEM-SOLVING ACTIVITIES: A CASE STUDY ADDRESSING PROS AND CONS OF SUCH A CHANGE
J. Remón, E. Romero

STUDENTS' REAL USE OF TABLETS IN A HIGHER EDUCATION CLASSROOM FOR NOTE-TAKING, POTENTIAL USE AND TRENDS
E. Romero, J. Remón

BELIEFS ABOUT SELF-REGULATED LEARNING, GOAL ORIENTATIONS AND SELF-EFFICACY IN TEACHING FOR CREATIVITY
D. Lončarić, R. Paličić-Reinić
UBUNTU SCHOOLS PROGRAM – PERSPECTIVE OF STUDENTS PARTICIPATING IN UBUNTU CLUBS
E. Montenegro Marques, P. Vieira

ASSESSMENT LITERACY: AN EXPLORATION OF PERCEIVED BELIEFS ABOUT ASSESSMENT LITERACY PRACTICES IN HE
A. Costello

LEARNERS AT RISK OF ATTRITION
A. Costello, I. Adakpa

MULTIDISCIPLINARY EDUCATION: MAKING THE CASE FOR AGILE REGULATORY FRAMEWORKS ON LEARNING ANALYTICS
A. Wilde

DIGITALLY SUPPORTED CASE-BASED LEARNING IN MATHEMATICS TEACHER EDUCATION: A SEMINAR BASED ON REFLECTION ON CLASSROOM SITUATION CARTOON VIGNETTES
S. Kuntze, J. Krummenauer

FAIRY TALES DON'T TELL FABLES: TRAINING COURSE FOR TEACHERS, EDUCATORS AND PARENTS
F. Maroldi

TOP SKILLS FOR HR LEADER DEVELOPMENT: GRADUATE EDUCATION RESPONSE TO THE NEXT GENERATION OF HR LEADERS
T. Nicholson

(RE)DRESSING EVERYDAY LIFE: AWARENESS WORKSHOP EXPERIENCES
F. Maroldi

TEACHING MECHANICS COURSES USING ARDUINO AS A TOOL IN CHALLENGE PROBLEMS
R.D. Santiago Acosta, E.M. Hernández Cooper, T.J. Bautista Segura, F. Yescas Martínez

INTEGRATION OF ARTIFICIAL INTELLIGENCE ON TEACHING AND LEARNING FRENCH AS FOREIGN LANGUAGE: A CASE STUDY
E. Mavropoulou, P. Arvanitis

CONTRIBUTION/IMPLICATIONS OF CHATBOT INTEGRATION ON TEACHING AND LEARNING A FOREIGN LANGUAGE
E. Mavropoulou, P. Arvanitis

DEVELOPMENT OF ADVANCED TOOLS TO ENHANCE UNIVERSITY LEARNING: THE ROLE OF LKT AND VIRTUAL CLASSROOMS IN EDUCATIONAL QUALITY FOR TOXICOLOGY, PHARMACOLOGY, CHEMISTRY AND PHYSIOLOGY STUDENTS

INTERDISCIPLINARY-PROJECT-BASED LEARNING AND ONLINE LKT FOR INTERFACULTY COLLABORATION AND IMPROVED EDUCATIONAL EXPERIENCE FOR TOXICOLOGY, PHARMACOLOGY, CHEMISTRY, AND PHYSIOLOGY STUDENTS

PARENTAL ATTITUDES AND ARABIC READING LITERACY AMONG EMIRATI CHILDREN: ENHANCING SKILLS AND BUILDING FOUNDATIONS
S. Saqr, S. Areepattamanil, Y. Alramamneh

WHAT REALLY DETERMINES THE SUCCESS OF AN ONLINE LEARNING ENVIRONMENT
R. Meylani

TRACKING THE LONG TERM EFFECTS OF THE COVID LOCKDOWNS ON AMERICAN STUDENTS
J. Smith

EXPLORING STUDENTS' PERCEPTIONS OF PEER FEEDBACK PROCESSES IN PHARMACY EDUCATION
L. Lluch Molins, L. Martín Saronelli, E. Cano García, L. Halbaut Belloua

TRANSVERSAL SKILLS ASSESSMENT IN THE MATHEMATICS DEGREE AT THE UNIVERSITY OF ALMERIA
F. Manzano-Agüiglario, E. Salmerón-Manzano, A. Alcayde-García, F. Martínez-Gil, B. Nieves-Soriano, A. Zapata-Sierra

THE ACADEMIC IMPACT OF REMOVING SEPTEMBER EXAMS IN AGRICULTURAL ENGINEERING FINAL DEGREE PROJECTS
F. Manzano-Agüiglario, E. Salmerón-Manzano, A. Alcayde-García, F. Martínez-Gil, B. Nieves-Soriano, A. Zapata-Sierra
GENERIC SKILLS ASSESSMENT IN THE NURSING DEGREE AT THE UNIVERSITY OF ALMERIA
B. Nievas-Soriano, F. Manzano-Agugliaro, E. Salmerón-Manzano, A. Alcaide García, F. Martínez-Gil, A. Zapata-Sierra

THE IMPACT OF REMOVING SEPTEMBER EXAMS ON ACADEMIC PERFORMANCE IN INDUSTRIAL ENGINEERING FINAL DEGREE PROJECTS
A. Alcaide García, E. Salmerón-Manzano, F. Martínez-Gil, B. Nievas-Soriano, A. Zapata-Sierra, F. Manzano-Agugliaro

TEACHING FOLLOWING INSTRUCTIONS AND RESPONDING SKILLS TO CHILDREN WITH AUTISM WITH AN AI-SUPPORTED MOBILE APPLICATION

COMPUTATIONAL THINKING BEFORE PROGRAMMING: TEACHING PROGRAMMING USING ROBOTS
M. Mišlenović, J. Reić, M. Polić-Kako

CS UNPLUGGED ACTIVITIES FOR TEACHING BASIC PROGRAMMING CONCEPTS TO KINDERGARTEN CHILDREN
M. Mišlenović, M. Repušić, M. Ozretić

UNIVERSITY-INDUSTRY COOPERATION AND WORKPLACE LEARNING: FOSTERING READINESS, FLOURISHING, AND ADDRESSING LIFELONG LEARNING
T. Stöver, C. Thomassen

DESIGNING IMMERSIVE SPACES USING MIXED REALITIES, MASTERCLASS IN THE METAVERSE: A COLLABORATION BETWEEN MEXICO AND CHILE
A.L. Juárez Negrete, L.A. Tiznado Gómez

BLENDED LEARNING AND TEACHING IN THE INVERTED (FLIPPED) CLASSROOM, EXEMPLARYED BY DOI8 (Dermatology Online With Interactive Technology)
G. Burg, H. Gollnick, M. Bagot

COMPMATH – A UNIVERSITY STUDENT OLYMPIAD IN COMPUTER MATHEMATICS
S. Kapralov, P. Kopanov, V. Kukenska

GAUGING BIOLOGY STUDENTS’ PRECONCEPTS OF STRUCTURE AND FUNCTION OF CELL MEMBRANE

DESIGNING A COHORT STUDY OF FRESHMEN AS A RESOURCE FOR EMPOWERING UNIVERSITY ORIENTATION AND TUTORING SERVICES
A. Giraldo, S. Meggiolaro, A. Michieletto, R. Bonelli, L. Da Re

UTILIZING AI TO IMPROVE THE EDUCATION OF INDIVIDUALS WITH SPECIAL NEEDS: AI-SNE
A. Elmessiry, M. Elmessiry, K. Elmessiry

A REVIEW OF AN ACCOUNTING CROSS-MODULAR CASE STUDY (PRIOR TO WORK PLACEMENT)
C. Buttimer

HUMAN ACTIVITY RECOGNITION SYSTEMS BASED ON ARTIFICIAL INTELLIGENCE FOR ENHANCING STUDENT MOTIVATION

INTEGRATING EMBEDDED SPEECH TECHNOLOGIES IN ELECTRONICS LABORATORY SUBJECTS FOR TEACHING AI SKILLS
M. Gil-Martín, J.M. Bravo-Pacheco, C. Luna-Jiménez, R. San-Segundo, F. Fernández-Martínez

EDUCATIONAL AND SOCIAL INVOLVEMENT – INSPIRING PRACTICES FROM THE MODERN CULTURAL INSTITUTIONS
A. Kulpa-Puczyńska

EDUGAMES’ SOUNDTRACKS, SPEECH, AUDIO EFFECTS: ARTIFICIAL INTELLIGENCE TOOLS AND INCLUSIVE PERSPECTIVES
A. Di Paolo, M.D. Todino

GENERATING INTERACTIVE IMMERSIVE VIRTUAL ENVIRONMENTS USING 2D IMAGES: A SYSTEMATIC REVIEW OF PHOTOGRAFMETRY, ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, INPAINTING, AND OUTPAINTING
J. Moolman, F. Boyle, J. Walsh

BIODIVERSITY EDUCATION THROUGH CITIZEN SCIENCE: A CASE STUDY OF STUDENT-DRIVEN ORNITHOLOGICAL IDENTIFICATION WITH DEEP LEARNING
K.Y.T. Lim, S.Y. Liow, E.Y.F. Ong
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMUNICATIVE COMPETENCE IN A DIGITAL ASSESSMENT: EFFECT OF THE</td>
<td>7776</td>
</tr>
<tr>
<td>PRACTICE TEST ON PERFORMANCE ON THE NATIONAL EXIT EXAM IN ENGINEERING</td>
<td></td>
</tr>
<tr>
<td>STUDENTS</td>
<td></td>
</tr>
<tr>
<td>L.E. Romero Robles, R. Leal Isida, Y. Carrizales Guerra, A. González</td>
<td></td>
</tr>
<tr>
<td>Barranco</td>
<td></td>
</tr>
<tr>
<td>KEY COMPONENTS OF MEDIA COMPETENCE OF THE FUTURE EDUCATION</td>
<td>7783</td>
</tr>
<tr>
<td>MANAGER IN THE DIGITAL EDUCATIONAL ENVIRONMENT OF THE UNIVERSITY</td>
<td></td>
</tr>
<tr>
<td>O. Tapalova, N. Zhiyenbayeva, A. Kuatbekov, Z. Zhiyenbayeva, S. Tapalov</td>
<td></td>
</tr>
<tr>
<td>WHEN IN ROME – A PORTUGUESE PERSPECTIVE ON ACADEMIC MOBILITY</td>
<td>7790</td>
</tr>
<tr>
<td>T. Pataco, M. Oliveira</td>
<td></td>
</tr>
<tr>
<td>AN ARTIFICIAL INTELLIGENCE MODEL FOR GRADING ESSAYS</td>
<td>7794</td>
</tr>
<tr>
<td>R. Faizi, S. El Fkihi</td>
<td></td>
</tr>
<tr>
<td>ASSESSING STUDENT PERCEPTIONS OF DISTANCE LEARNING DURING THE</td>
<td>7798</td>
</tr>
<tr>
<td>COVID-19 PANDEMIC</td>
<td></td>
</tr>
<tr>
<td>R. Faizi, S. El Fkihi</td>
<td></td>
</tr>
<tr>
<td>INTEGRATION OF ARTIFICIAL INTELLIGENCE (AI) IN THE TEACHING OF</td>
<td>7799</td>
</tr>
<tr>
<td>NATURAL SCIENCES: ANALYSIS AND REFLECTIONS FROM THE CHILEAN</td>
<td></td>
</tr>
<tr>
<td>TEACHER'S THINKING AND PRACTICE</td>
<td></td>
</tr>
<tr>
<td>S. Contreras, A. Gonzalez</td>
<td></td>
</tr>
<tr>
<td>THE IMPACT OF ONLINE LEARNING ON MOTIVATION OF PRIMARY SCHOOL</td>
<td>7803</td>
</tr>
<tr>
<td>STUDENTS</td>
<td></td>
</tr>
<tr>
<td>L.N. Moraru-Pană</td>
<td></td>
</tr>
<tr>
<td>PERSONALIZED PEER-COMPARISON FEEDBACK TO IMPROVE STUDENTS'</td>
<td>7808</td>
</tr>
<tr>
<td>MOTIVATION AND ACADEMIC ACHIEVEMENT</td>
<td></td>
</tr>
<tr>
<td>S. Møes</td>
<td></td>
</tr>
<tr>
<td>E-WEB RESOURCES FOR TACKLING SEXUALLY TRANSMITTED HUMAN PARASITE</td>
<td>7809</td>
</tr>
<tr>
<td>AND ECTOPARASITE INFECTIONS</td>
<td></td>
</tr>
<tr>
<td>A. Peña Fernández, L. Acosta, M.A. Peña</td>
<td></td>
</tr>
<tr>
<td>INTRODUCING BLOCK-TEACHING AT DE MONTFORT UNIVERSITY (ENGLAND):</td>
<td>7815</td>
</tr>
<tr>
<td>HOW THIS CAN IMPACT ON THE TEACHING OF MEDICAL PARASITOLOGY AND</td>
<td></td>
</tr>
<tr>
<td>INFECTIOUS DISEASES?</td>
<td></td>
</tr>
<tr>
<td>A. Peña-Fernández, M.D. Evans, M.A. Peña</td>
<td></td>
</tr>
<tr>
<td>DIDACTIC PROPOSAL FOR THE STUDY OF ORGANIC REACTIONS: OXIDATION OF</td>
<td>7821</td>
</tr>
<tr>
<td>ALCOHOLS</td>
<td></td>
</tr>
<tr>
<td>A. Grunewald Nichele, G. Flores de Almeida</td>
<td></td>
</tr>
<tr>
<td>TEACHERS’ RESILIENCE AND SELF-EFFICACY IN CHANGES IN THE MATHEMATICS</td>
<td>7825</td>
</tr>
<tr>
<td>CURRICULUM</td>
<td></td>
</tr>
<tr>
<td>A. Mestrinhos, M. Murta, M.L. Neves</td>
<td></td>
</tr>
<tr>
<td>THROUGH A NEW SPATIAL NARRATIVE - UBUNTU LEADERS ACADEMY</td>
<td>7834</td>
</tr>
<tr>
<td>C. Carvalho, A. Alegre, T. Heitor, F. Bastos</td>
<td></td>
</tr>
<tr>
<td>CYBERSECURITY EDUCATION K-12 HANDS-ON APPROACH CURRICA</td>
<td>7841</td>
</tr>
<tr>
<td>D. Nejašmić, Z. Sambol, D. Brčić</td>
<td></td>
</tr>
<tr>
<td>DECOLONIAL CRITICAL THINKING IN CURRICULUM DESIGN: DISCUSSING</td>
<td>7847</td>
</tr>
<tr>
<td>DECOLONIAL THOUGHT AND PRACTICE IN HUMANITIES UNDERGRADUATE CURRICA</td>
<td></td>
</tr>
<tr>
<td>M.A. Simpson</td>
<td></td>
</tr>
<tr>
<td>REFLECTIVE SKILLS AND PROFESSIONAL INSIGHTS AMONG TRAINING</td>
<td>7853</td>
</tr>
<tr>
<td>EDUCATION STUDENTS</td>
<td></td>
</tr>
<tr>
<td>S. Chen, D. Eliyahu-Levi</td>
<td></td>
</tr>
<tr>
<td>MOVEMENT FOR ALL: UNIVERSAL DESIGN FOR LEARNING (UDL) IN PRE-SERVICE</td>
<td>7860</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION TEACHER EDUCATION</td>
<td></td>
</tr>
<tr>
<td>W. Barber, W. Walters</td>
<td></td>
</tr>
<tr>
<td>AUTHENTIC ASSESSMENT AND UNIVERSAL DESIGN FOR LEARNING: EXPLORING</td>
<td>7865</td>
</tr>
<tr>
<td>SHIFTS IN ASSESSMENT AND EVALUATION</td>
<td></td>
</tr>
<tr>
<td>W. Barber</td>
<td></td>
</tr>
<tr>
<td>THE IMPACT OF GENDER AND SOCIAL DESIRABILITY ON THE RELATIONSHIP</td>
<td>7871</td>
</tr>
<tr>
<td>BETWEEN MINDFULNESS AND FEAR OF APPEARING INCOMPETENT AMONG</td>
<td></td>
</tr>
<tr>
<td>UNDERGRADUATE STUDENTS</td>
<td></td>
</tr>
<tr>
<td>S. Hadad, J. Haber, I. Blau</td>
<td></td>
</tr>
<tr>
<td>THE USE OF THE QUIZLET AS AN INNOVATIVE TOOL TO MOTIVATE LEARNING</td>
<td>7877</td>
</tr>
<tr>
<td>G. Campos, J. Liceaga</td>
<td></td>
</tr>
<tr>
<td>FUTURE APPROACHES FOR CYBER EDUCATION AND TRAINING</td>
<td>7883</td>
</tr>
<tr>
<td>I. Hamburg</td>
<td></td>
</tr>
</tbody>
</table>
CONTENT ADAPTATION SEQUENCING IN ONLINE LEARNING: ENHANCING INDIVIDUALIZED LEARNING
H. Erradi, S. Aammou, Y. Jdidou, O. Elhawraki

ADAPTIVE CONTENT IN ONLINE LEARNING SYSTEMS: TOWARDS EFFECTIVE PERSONALIZATION AND INCLUSIVITY
H. Erradi, S. Aammou, Y. Jdidou, J. Lahiassi

UNRAVELING THE SECRETS OF DYSLEXIA WITH ADVANCED EYE-TRACKING DATA ANALYSES
N. Dostálová, Č. Šašinka, J. Čeněk, R. Švaříček

METALINGUISTIC USES OF ARTIFICIAL INTELLIGENCE: THE HUMANIZATION OF NARRATIVE IN PRIMARY EDUCATION
J. Herrero-Martín, D. Fonseca, C. Rodríguez-Merino, D. Amo

IMPROVEMENT OF EDUCATION THOROUGH SALUTOGENESIS? – EFFECTS OF SALUTOGENESIS ON HEALTH AND WELL-BEING IN EDUCATION
L. Snellman

TRANSVERSAL COMPLEX SIMULATION PROGRAM TO IMPROVE COMMUNICATION SKILLS IN DENTISTRY
M.F. Sittoni Pino, N. Flacco, A. Aloy–Prósper, A. Gramatges Rajas, S. Arias Herrera

NURTURING RESEARCH CURIOSITY AMONG DENTAL STUDENTS: A TRANSFORMATIVE EXPERIENCE AT THE IV INTERDISCIPLINARY DENTAL CONFERENCE
A. Aloy-Prósper, N. Flacco, A. Gramatges Rajas, S. Arias Herrera

THE EFFECTIVENESS OF PHONOLOGICAL-BASED INSTRUCTION ON IMPROVING CHINESE EFL YOUNG LEARNER’S CONNECTED SPEECH PERCEPTION SKILLS
H. Bi, R. Yan

SUPERVISION PROCESSES OF METHODOLOGICAL CHANGE IN EDUCATION. A COMPARATIVE ANALYSIS OF THE PERCEPTION OF FAMILIES AND TEACHERS
C. Rodríguez-Merino, J. Herrero-Martín, M. Gómez-García, L. López Fernández

DISCUSSION-HISTORIOGRAM: ENHANCING MEMORY OF A PROBLEM-SOLVING-ORIENTED DISCUSSION BY REFLECTION USING HISTORICAL REPRESENTATION
H. Suzuki, H. Funaoi, Y. Kubota

BEST PRACTICES IN TEACHING SUSTAINABILITY IN THE ENVIRONMENTAL DESIGN OF URBAN OPEN SPACES
R. Franchino, C. Frettoloso, N. Pisacane, S. Zerari

THE TEACHING OF INNOVATIVE SUSTAINABLE MATERIALS ACCORDING TO THE ASPECTS OF TECHNOLOGY AND MODELLING
R. Franchino, N. Pisacane, S. Zerari

IMPLEMENTATION OF PRACTICAL AIDS IN THE TEACHING PROCESS AT UNIVERSITY WITHIN THE SUBJECT OF CIVIL PROTECTION
J. Kubáš, B. Kollár, M. Ballay, K. Petrlíková

ACADEMIC ENGLISH: CHALLENGES EXPERIENCED BY CHINESE POSTGRADUATE STUDENTS IN LITHUANIA
J. Lasauskiene, J. Bagdonavičius

IMMERSIVE ANIMATION EDUCATION USING VIRTUAL PRODUCTION: SYSTEM, NARRATIVE AND ACTION
J. Raimundo, D. Bessa

A STUDY ON THE USE OF VISUAL IMAGE TEACHING AIDS TO ASSIST CHILDREN’S VISUAL RECOGNITION AND ATTENTION
H.C. Lo, T.H. Peng, T.H. Wang

EX-ANTE EVALUATION OF A PROPOSAL FOR THE IMPLEMENTATION OF A CENTRALIZED UNIVERSITY ADMISSION SYSTEM IN ROMANIA: A QUALITATIVE APPROACH
D. Oprea, V. Frunzaru, O. Stefanita

A POST-PANDEMIC ANALYSIS OF M-LEARNING OUTCOMES TOWARDS TRANSFORMATION IN SUB-SAHARAN AFRICA
O. Ogundaini, N.B.W. Mlitwa (Mlita)

PROJECT DESART: USING GENERATIVE AI TO CREATE SATELLITE IMAGES FOR AN AR SAND TABLE
G. Sprung, M. Schweighofer, F. Anderle, F. Gürtler, M. Uhl

“YESTERDAY’S & TODAY’S SONGS” AN INTERGENERATIONAL SERVICE-LEARNING PROJECT
I. Farrés Culléll, E.M. Peral Gómez, E. Xarles Comas
UNLEASHING THE POWER OF PYTHON FOR JOURNALISTS: A BRIEF INTRODUCTION
C. Silvestre, G. Velez

THE EFFICACY OF PEER TUTORING IN THE POLYTECHNIC FOUNDATION PROGRAMME
A. Dewanto, T.C. Tan, Z. Li

“TODAY IS ANOTHER DAY TO FIND YOU”: USING CORPUS LINGUISTICS FOR LANGUAGE LEARNING
C. Aguilar, F. Luna

DESIGN THINKING METHOD APPLICATION DEVELOPING CREATIVITY IN STUDIES PROCESS: POSSIBILITIES AND CHALLENGES
R. Daugeliene

THE WHIRL PROJECT: INNOVATIVE INTERPROFESSIONAL LEARNING IN PUBLIC HEALTH PRACTICE
K. Whittingham, S. Somerset, M. Middleton, M. Yildirim, C. Evans, H. Blake

ETHICS INSIDE? NOTES ON A BACHELOR CORE ELECTIVE COURSE IN COMPUTER SCIENCE
S. Draheim, J. Sudeikat

WHAT IS MEANT BY AN INNOVATIVE LEARNING STIMULATING SOCIAL SUSTAINABILITY?: A THEMATIC CONTENT ANALYSIS IN THE CROSSROADS BETWEEN VARIOUS DISCIPLINES

EVALUATING THE EFFECTIVENESS OF AI-BASED ESSAY GRADING TOOLS IN THE SUMMATIVE ASSESSMENT OF HIGHER EDUCATION
W.E. Yeung, C. Qi, J.L. Xiao, F.R. Wong

DEVELOPMENT OF "ACTIVITY STICKER PAD" BASED ON THE WETLAND ENVIRONMENT TO DEVELOP NATURALISTIC INTELLIGENCE FOR EARLY CHILDHOOD
C. Cinantya, A. Aslamiah, M. Maimunah

STRATEGIES FOR THE DURATION OF HIGHER EDUCATION PROGRAMS IN HOTEL MANAGEMENT
S. Demeaeght de Montalay

IS THE RACE FOR ACCREDITATION A GUARANTEE OF QUALITY IN VOCATIONAL EDUCATION?
S. Demeaeght de Montalay

ROBOTICS AND ARTS AT PRIMARY SCHOOL
P. Vankova, T. Jerabek

UTILIZATION OF LANGUAGE MODELS IN HIGHER EDUCATION: STUDENT PERSPECTIVES AND PRACTICES
L. Herout

PROMOTE COLLABORATIVE AND PROBLEM-BASED EXPERIENCES TO COUNTER AND PREVENT THE CYBERBULLYING PHENOMENA: A STUDY IN AN ITALIAN SECONDARY SCHOOL
A. Giuliani

THE E-PORTFOLIO AS A STRATEGIC TOOL TO INCREASE STUDENT AWARENESS AND ENGAGEMENT IN UPPER SECONDARY SCHOOL
A. Giuliani

VIRTUAL REALITY EDUCATION IN HIGH SCHOOL HEALTH STUDIES AS A PREREQUISITE FOR INCREASING THE LEVEL OF SECURITY IN MUNICIPALITIES
A. Kelisék, J. Kudás, K. Holá, A. Cídlínová

SCIENCE COMMUNICATION, REVIEWING, DIFFUSION AND ENTREPRENEURSHIP IN BIOTECHNOLOGY: A TEN-COURSE STUDY
M. Sánchez-Angulo

DEVELOPING LEADERSHIP SKILLS IN BUSINESS EDUCATION IN A VULNERABLE WORLD
A. Mirakyan

WHAT IS THE MANAGEMENT "ENGINE"?
A. Mirakyan

DESIGN AND DEVELOPMENT OF A UNIVERSITY COURSE IN ADDITIVE MANUFACTURING TECHNOLOGIES
M. Dado, M. Kotus, P. Beňo
ADULT LEARNING THROUGH CONTAINING
K. Schneider

TEACHERS BEING CREATIVE: TECHNOLOGY DEVELOPMENT IN A LANGUAGE ACADEMY - POST-PANDEMIC
K. Lupson

ANALYSING THE IMPACT OF THE “ONDA SOCIAL” PROJECT: THE TRANSFORMATIVE POTENTIAL OF SURF THERAPY ON YOUNG PEOPLE AT RISK
T. Silva Dias, V. Roquette, C. Rios, C. Nada, D. Vieira

IMPACT OF E-LEARNING FOR MATHEMATICS LEARNING: EXPERIENCE OF SECONDARY SCHOOL STUDENTS
M. Mosimege, F. Egara

INFLUENCE OF COVID-19 ON MATHEMATICS AND ENGLISH LANGUAGE ACHIEVEMENT OF STUDENTS IN THE POST-PANDEMIC ERA
F. Egara, M. Mosimege, B. Oguguo

UNDERGRADUATE STUDENT USE OF FACULTY GUIDANCE: THE EFFECT OF FIRST-GENERATION STATUS AND RACIAL/ETHNIC DIVERSITY
S. Skaggs, A. Cobble, N. Mehrotra

IT’S ALL ABOUT CO-CREATON: PEER LEARNING ON THE ERASMUS MUNDUS PROGRAMME AT THE UNIVERSITY OF VALENCIA
I. Rihova, M. Gallarza, M. Andrade, M. Guimaraes, A. Hackmann, O. Kokolaki, G. Missanelli

BREAKING THE BARRIERS OF EXCLUSION: ART AS A SOCIAL VINDICATOR IN THE RED-LIGHT DISTRICT OF THE SANTA FE NEIGHBORHOOD IN THE CITY OF BOGOTÁ
F. Dueñas Gaitan

CHALLENGE BASED LEARNING: A TOOL FOR DEVELOPING SOCIAL INNOVATION IN NUTRITION STUDENTS IN MEXICO CITY
M.V. Flores Bello

NEW HORIZONS IN THE TRAINING OF EDUCATIONAL PSYCHOLOGISTS. CURRICULAR PROPOSAL MEDIATED BY EDUCATIONAL TECHNOLOGY
M.E. Aguirre-Burneo, I.I. Zabaleta-Costa

DESIGNING FOR PROBLEM-BASED LEARNING IN INFORMATION LITERACY INSTRUCTION: A CASE STUDY AT UNIVERSITY OF CHINESE ACADEMY SCIENCES
M. Wu

LEADERSHIP AND ORGANIZATION CULTURE: IMPACTING THE IMPLEMENTATION OF REMOTE WORKING AND TEACHING FOR HIGHER EDUCATION
P.Y. Poon, B. Sundararajan

FIGHTING SCHOOL ALIENATION: WHAT DO GOOD TEACHERS DO?
J. Labokas

WHICH DIGITAL SKILLS TO CHOOSE AND HOW TO USE THEM IN MY LESSON WITHOUT DISTORTING IT
C. Bralia, K. Cattaneo

STALK-INATOR: AN ONLINE MISSION-BASED GAMIFICATION LEARNING PLATFORM FOR DEVELOPING SOCIAL ENGINEERING SKILLS
A. Abdallah, C.Y. Wong, T. Gill

SOURCES OF PARENTING SELF-EFFICACY: A FOCUS GROUP STUDY OF PARENTS WHO HAVE VERY YOUNG CHILDREN
D. Dvorská, J. Medvedová, P. Gavora

RECONFIGURING ENTREPRENEURIAL EDUCATION: AGENDA, CONTENT, AND PEDAGOGY
S. Sharma, G. Dwivedi

AMBIENT LEARNING ENVIRONMENTS - MULTIMODAL INTERACTIVE TEACHING AND LEARNING ENVIRONMENTS WITH LOW THRESHOLD, WIDE WALLS, AND HIGH CEILING
M. Herczeg

GAMIFICATION METHODS FOR ADULT LEARNING
M. Černiková

CAN THE FIRST-YEAR MEDICAL STUDENTS USE KNOWLEDGE OF GEOMETRY TO SOLVE SIMPLE MEDICALLY ORIENTED PROBLEM TASKS? (A PILOT STUDY)
Z. Balázsiová, M. Trnka
TEACHING INTERNATIONAL CRISIS MANAGEMENT: MILITARY SIMULATION APPLIED IN A CLASSROOM
E. Murauskaite

IMPROVING THE TUTORING PROCESS WITHIN THE FRENCH LANGUAGE STUDY PROGRAMS
R. Roman, D. Baron, M.V. Zerbes

MUSLIM ENVIRONMENTALISM AND CLIMATE CHANGE EDUCATION: A COMPARATIVE ANALYSIS OF POLICY APPROACHES IN ISLAMIC EDUCATION INSTITUTIONS AND SECULAR SCHOOLS IN MUSLIM MAJORITY SOCIETIES
N. Mumtaz, A. Suhaimi

AN ASSESSMENT OF CHALLENGE-BASED LEARNING FOR COMPUTER PROGRAMMING AT THE UNDERGRADUATE LEVEL
I. Garrido, J. Andion, J.M. Del Alamo

POSSIBILITIES OF THE UNIVERSITY STUDENTS' INNOVATIVE EDUCATION IN THE FIELD OF CRIMINOLOGY
V. Adamova, V. Soltes

COHERENCE BETWEEN CARE WORKER AND NURSING EDUCATION
K. Paussepp, U. Kõrgemaa, J. Sepp

TOUCH, SPEAK, LEARN: MULTIMODAL INTERFACES IN THE CLASSROOM
A. Prnjak, A. Gračić, D. Krpan, G. Zaharia

RISCHIATUTTO EDU - THE ITALIAN FORMAT FOR A SERIOUS GAME FOR CREATING AND PLAY CHALLENGING GAMES
C. Bralia, K. Cattaneo

INTEGRATING BLOCKCHAIN AND CREATIVE CONSECUTIVE DESIGN SEGMENTS (CCDS) INTO DESIGN EDUCATION
A.F. Karakaya, C. Ada

KNOWING TO RESPECT: A SENSITIZATION PATH TOWARDS ANIMALS IN A DIDACTIC INTERVENTION IN PRIMARY SCHOOL
G. Dal Pozzo, S. Pacchini, E. Piva, S. Schumann, G. Santovito, P. Irato

DIFFERENCES IN THE ASSESSMENT OF ATTRIBUTIONS OF ACADEMIC SUCCESS AND FAILURE IN STUDENTS WITH AND WITHOUT A SPECIFIC LEARNING DISORDER
V. Martan, S. Skočić Mihić, D. Lončarić

SCIENCE AND SCHOOL IN CONTINUOUS EVOLUTION: HOW THE TEACHING OF SCIENCE IN PRIMARY SCHOOL IS CHANGING
M. Pasquetto, E. Pietropoli, G. Santovito, P. Irato

DATA AUGMENTATION FOR ROBUST AUTOMATIC SHORT ANSWER GRADING
A. Ahmed, A. Joorabchi, M.J. Hayes

INFORMATION MANAGEMENT IN THE SCOPE OF EDUCATIONAL TECHNOLOGY: INTEROCEPTIVE PROFILE AS A TECHNIQUE TO PREPARE CONTINUING EDUCATION COURSES FOR TEACHERS
M. Garcia de Almeida, G. Gomes de Menezes

MODEL OF KNOWLEDGE GRAPH FOR A COLLECTION OF MATHEMATICAL ARTICLES
B. Gizatullin, O. Nevzorova

E-PORTFOLIOS FOR STUDENT ASSESSMENT IN THE AGE OF ARTIFICIAL INTELLIGENCE
B. Todeschini, E. Sollberger, A. Hugo

AUGMENTED REALITY FOR TEACHING EDUCATIONAL ROBOTICS ONLINE: DESIGN DECISIONS WITH GROUP CONCEPT MAPPING
O. Firssova, N. Fanchamps, D. Karamatukis, G. Van Lankveld, M. Fominykh

INTRODUCING THE DIFREE CV/RESUME/PORTFOLIO TEMPLATE DATABASE: AN OPEN-SOURCE MULTIMODAL LIBRARY AND A CONTENT REPOSITORY
A. Romagnuolo

PLAY FOR ALL: SURVEY RESEARCH ON THE USAGE AND SATISFACTION OF INCLUSIVE PLAYGROUNDS IN TAIPEI CITY
H.C. Lo, T.H. Peng, T.H. Wang

WORKING THE BASIS OF COMPUTATIONAL THINKING: DEFINITION AND SKILLS

HXXI
21ST CENTURY TEACHER COMPETENCES: GROUP CONCEPT MAPPING METHODOLOGY FOR CURRICULUM DESIGN
N. Nikolova, O. Firssova, D. Dureva, E. Stefanova

EVALUATION OF NEW LEARNING METHODS THROUGH REAL INDUSTRIAL NEARBY PROCESS
A. Olozaga, J. Bilbao

TEACHING INNOVATION WITH AN INDOOR VERTICAL GARDEN AT THE HIGH TECHNICAL SCHOOL OF AGRICULTURAL ENGINEERS OF CIUDAD REAL (UNIVERSITY OF CASTILLA-LA MANCHA)
J.A. López-Perales, P.A. Morales-Rodríguez, J. Villena, C. Moreno, C. Atance, M.M. Moreno

EXAMINATION OF POSSIBILITIES FOR PROVING THE AUTHENTICITY OF EDUCATIONAL ACHIEVEMENTS USING NFTS OR SOULBOUND TOKENS記錄 ON BLOCKCHAIN AND IPFS
A. Minchev, M. Karabaliev

PICTURE BOOK AS AN INCENTIVE FOR THE DEVELOPMENT OF CREATIVITY IN EARLY AND PRESCHOOL EDUCATION
K. Riman, D. Lončarić

REPRESENTATION OF EXTRACURRICULAR SCIENCE ACTIVITIES IN PRIMARY SCHOOL CURRICULA
A. Letina

UNDERSTANDING AND RESPONDING TO BEHAVIOURS THAT CHALLENGE
P. Bray

DOMOTIC-BASED SETUPS USING A RASPBERRY PI TO INCREASE INTEREST IN COMPUTER ENGINEERING

HOW SUCCESSFUL IS EDUCATION ABOUT SPREADSHEET APPLICATIONS? AN INVESTIGATION INTO THE EXTENT OF HIGHER EDUCATION STUDENTS’ KNOWLEDGE OF SPREADSHEET APPLICATIONS
M. Bakó

THEORY AND CRITICAL APPROACH TO CONSERVATION. TEACHING AND RESEARCH IN THE CONSERVATION OF ARCHITECTURAL HERITAGE
M. Philokyprou

DEVELOPING FINE MOTOR SKILLS OF PRE-SCHOOL CHILDREN USING THE BAPNE METHOD IN MUSICAL ACTIVITIES
D. Žitkevičienė

COPING WITH CRISIS IN EDUCATION: A STUDY OF SCHOOL PEDAGOGUES IN CROATIA
I. Miočić

TEACHING SORTING ALGORITHMS IN 3D VIRTUAL WORLDS
T. Batsikas, E. Voyiatzaki

A HOLISTIC APPROACH TO COLLABORATIVE SUSTAINABLE DESIGN EDUCATION
B. Trippeer, J. Stark, H.J. Gam, J.G. Park

SOLVING DISABILITY PROBLEMS IN HIGHER EDUCATION
S. Arcos, C. Channellère, S. Demaeght de Montalay

COMPUTATIONAL THINKING: ENGAGING PRIMARY AND POST-SECONDARY STUDENTS IN STEM IN THE POST PANDEMIC ERA
T. Brown-Gaines

VIRGINIA AEROSPACE SCIENCE AND TECHNOLOGY SCHOLARS – AN AWARD-WINNING MODEL FOR BEST PRACTICES IN EXPERIENTIAL LEARNING
M. Sandy

MANAGING DISABILITY PROBLEMS IN COURSE ANIMATION AND RAISING TEACHERS’ AWARENESS
S. Arcos, C. Channellère, S. Demaeght de Montalay

THE ROLE OF GENDER AND AGE IN UNIVERSITY STUDENTS IN EXPERIENCING LIFE MEANINGFULNESS
P. Škrobíral, R. Pospíšil

APPLIED STUDENT ARCHETYPES IN DISRUPTIVE DESIGN EDUCATION
E. Krespan, N. Feller-Johnson

ENHANCING PRESERVICE TEACHERS’ COMPUTATIONAL THINKING SKILLS THROUGH CODING IN SCIENCE CLASSROOMS
H. Kim
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREPARING TEACHER LEADERS OF MATHEMATICS THROUGH A “MATH DAY”</td>
<td>8548</td>
</tr>
<tr>
<td>EXPERIENTIAL LEARNING PROJECT</td>
<td></td>
</tr>
<tr>
<td>M. Ibrahim, M.G. Causapin</td>
<td></td>
</tr>
<tr>
<td>OPPORTUNITIES DUE TO NEARSHORING FOR SOME HIGHER EDUCATION INSTITUTIONS IN MEXICO</td>
<td>8553</td>
</tr>
<tr>
<td>N. Dominguez-Vergara</td>
<td></td>
</tr>
<tr>
<td>USING QUALITY CONTROL TOOLS TO ANALYZE THE PURSUIT OF ENERGY</td>
<td>8563</td>
</tr>
<tr>
<td>INDEPENDENCE IN MEXICO</td>
<td></td>
</tr>
<tr>
<td>N. Dominguez-Vergara, M.Y. Cordova-Alvarado, V. Tellez-Zeferino, D.A. Rueda-Romero</td>
<td></td>
</tr>
<tr>
<td>PRACTICING ENGINEERS AS TEACHERS: A CASE STUDY OF THE DEVELOPMENT OF AN INDUSTRY LED, WORK INTEGRATED TEACHING UNIT IN ASSET MANAGEMENT</td>
<td>8573</td>
</tr>
<tr>
<td>S. Hexamer</td>
<td></td>
</tr>
<tr>
<td>EVALUABILITY OF THE SCHOOL HEALTH PROGRAMME IN BRAZIL</td>
<td>8574</td>
</tr>
<tr>
<td>D. Costa, M. Sousa, P. Jannuzzi</td>
<td></td>
</tr>
<tr>
<td>NARRATIVE OF EARLY CHILDHOOD EDUCATION STUDENTS, BOGOTÁ, COLOMBIA, ABOUT THE IMPLEMENTATION OF THE BILINGUALISM POLICY</td>
<td>8583</td>
</tr>
<tr>
<td>J. García-Díaz, N. Hernández, D. Cárdenas</td>
<td></td>
</tr>
<tr>
<td>EMBEDDING EQUALITY, DIVERSITY AND INCLUSION &amp; SUSTAINABILITY INTO CURRICULUM VIA POSTGRADUATE REVALIDATION</td>
<td>8587</td>
</tr>
<tr>
<td>S. Zhang</td>
<td></td>
</tr>
<tr>
<td>MEASUREMENT OF THE SOCIAL IMPACT OF THE TEACHING CATEGORY IN THE REFLECTION AND ANALYSIS OF THE TEACHING-LEARNING PROCESSES IN A BUSINESS ADMINISTRATION PROGRAM</td>
<td>8592</td>
</tr>
<tr>
<td>C.E. Naranjo</td>
<td></td>
</tr>
<tr>
<td>TEACHER EDUCATORS’ READINESS FOR PEDAGOGICAL CHANGE IN THE TIMES OF DIGITAL TRANSFORMATION</td>
<td>8593</td>
</tr>
<tr>
<td>B. Waloszek, T. Tikkanen</td>
<td></td>
</tr>
<tr>
<td>THE RETURN TO CLASS AFTER THE CORONAVIRUS PANDEMIC</td>
<td>8594</td>
</tr>
<tr>
<td>D. Morin, S. Lahmiri, S. Hossaini</td>
<td></td>
</tr>
<tr>
<td>PROPOSALS FOR ENHANCING THE UNIVERSITY ADMISSION SYSTEM IN JORDAN; LESSONS FROM ARAB AND GLOBAL EXPERIENCES</td>
<td>8601</td>
</tr>
<tr>
<td>L. Smoom Dabbagh, E. Anjass</td>
<td></td>
</tr>
<tr>
<td>WHISPERS OF MOTIVATION: EXPLORING THE GROWING TREND OF ASMR VIDEOS AMONG UNIVERSITY STUDENTS</td>
<td>8606</td>
</tr>
<tr>
<td>D. Menéndez Avila, V.O. Viñé León</td>
<td></td>
</tr>
<tr>
<td>SPOT&amp;SPOT: A VIDEO VISUAL SCENE DISPLAY APPLICATION TO ENHANCE COMMUNICATION FOR INDIVIDUALS WITH ASD</td>
<td>8615</td>
</tr>
<tr>
<td>H. Chassidim, A. Boyev, I. Rabacev, N. Cohen</td>
<td></td>
</tr>
<tr>
<td>LESSON PLANS REPOSITORIES AS TOOLS TO MAP DIGITAL COMPETENCES IN SCHOOLS WITH THE EUROPEAN DIGCOMP FRAMEWORKS</td>
<td>8620</td>
</tr>
<tr>
<td>A.M. Sugliano, M. Cavallini</td>
<td></td>
</tr>
<tr>
<td>PRO-ENVIRONMENTAL DISPOSITIONS OF YOUNG PEOPLE IN THEIR ATTITUDES TOWARDS WATER</td>
<td>8629</td>
</tr>
<tr>
<td>S. Penkova, M. Tasheva</td>
<td></td>
</tr>
<tr>
<td>DIMENSIONS OF BULGARIAN PRIMARY TEACHERS’ EMPATHY IN A PROFESSIONAL ACTIVITY</td>
<td>8638</td>
</tr>
<tr>
<td>N. Kaloyanova, D. Dowe</td>
<td></td>
</tr>
<tr>
<td>THE GAP CREATED BY THE NEW CURricula IN THE SUPPLY OF SECONDARY TEACHERS IN MATHEMATICS AND SCIENCE IN NAMIBIA</td>
<td>8647</td>
</tr>
<tr>
<td>O. Nauyoma, A. Itukena, E. Kambeyo, P. Kamunima</td>
<td></td>
</tr>
<tr>
<td>BLENDED MOBILITY ON DIGITAL HEALTH: INTENSIVE PROGRAMME FOR HEALTHCARE STUDENTS</td>
<td>8648</td>
</tr>
<tr>
<td>S. Litiņa, A. Durafeja</td>
<td></td>
</tr>
<tr>
<td>LIFE-LONG LEARNING AND LIFE TRANSITIONS IN THE TRANSFORMING BULGARIAN VILLAGE</td>
<td>8654</td>
</tr>
<tr>
<td>M. Tasheva, S. Penkova</td>
<td></td>
</tr>
<tr>
<td>CORE PRACTICES IN FIELD EXPERIENCE: FACE-TO-FACE VS. DISTANCE-LEARNING</td>
<td>8661</td>
</tr>
<tr>
<td>S. Zilberngel, G. Dushnitszky, R. Höltschlat, B. Bashan, J. Goldenberg</td>
<td></td>
</tr>
<tr>
<td>“BETTER IN PERSON! OR NOT?” INTRODUCTORY PROGRAMMING FOR SOCIAL SCIENCES AND DIFFERENT COURSE MODALITIES</td>
<td>8662</td>
</tr>
<tr>
<td>S. Vasilache</td>
<td></td>
</tr>
</tbody>
</table>
REDESIGNING ASSESSMENT OF OPEN-ACCESS ONLINE BUSINESS STUDIES MODULE IN THE LIGHT OF GENERATIVE ARTIFICIAL INTELLIGENCE (AI) USE
R. Ramanau

VALUES THAT CAN DISTURB THE ORGANIZATIONAL CULTURE OF THE UNIVERSITY
G.M. Moraru

THE FUTURE OF EDUCATION: A QUANTITATIVE EXPERIMENT TO EXPLORE THE POTENTIAL OF AN AI-BASED LEARNING ASSISTANT (AIEDN) WITHIN GRAMMAR AND SECONDARY SCHOOLS IN GERMANY
V. Kretzschmar, M. Wertenauer, A. Sailer, J. Seitz

ACTIVE LEARNING FOR FIRST-YEAR ENGINEERING STUDENTS
G.M. Moraru

PROFESSIONAL ACTIVITIES, ORGANIZATIONAL CULTURE AND WORKPLACE LEARNING
G. Erdei

CYBER-SECURITY EDUCATION AS A KEY FACTOR OF THE DIGITAL TRANSFORMATION FOR NON-IT PROFESSIONALS
A. Consoli, E. Kovatcheva, N. Catenazzi, N. Gregori, K. De Angelis

CORRELATION BETWEEN THE LEVEL OF NUTRITION AND PHYSICAL ACTIVITY AMONG PUPILS IN ELEMENTARY SCHOOL
M. Vinković, T. Vidranski, I. Vrbik

AGE AND GENDER DIFFERENCES IN THE PHYSICAL ACTIVITY LEVELS OF PUPILS IN ELEMENTARY SCHOOL
M. Majcug, T. Vidranski, I. Vrbik

BRAVE NEW WORLD: AI IN TEACHING AND LEARNING
A. Groza, A. Marginean

TOOLS FOR LEARNING AND MEMORY IMPROVEMENT IN HIGH SCHOOL STUDENTS
D. Ferrández, A. Zaragoza, M. Alvarez, C. Morón

THE PERCEPTIVE-MOTOR DEVELOPMENT OF THE STUDENT: INFLUENCE OF THE SCHOOL, TEACHERS AND FAMILY AS AGENTS INVOLVED
D. Ferrández, A. Zaragoza, A. Morón, C. Morón

STRENGTHENING RESEARCH, INNOVATION, AND INDUSTRY COOPERATION IN AUTONOMOUS AERIAL SYSTEMS THROUGH AN INTEGRATED COLLABORATIVE FRAMEWORK
M. Jiménez-Portaz, S. De los Santos, R. Martínez-de-Dios, T. Petrovic, S. Bogdan

UNDERSTANDING GENDER BIAS IN CAREER DEVELOPMENT: A CASE STUDY IN EUROPEAN COUNTRIES
M. Amorim, L. Bastos, F. Saghezchi, M. Rodrigues, M. Ferreira Dias, C. Silva, R. Castro Madureira

HOW TO MAXIMIZE THE IMPACT OF WORKPLACE TRAINING: A MIXED-METHOD ANALYSIS OF SOCIAL SUPPORT, TRAINING TRANSFER AND KNOWLEDGE SHARING
L. Mehtener, S. Rothenbusch, S. Kauffeld

KEY COMPETENCIES AND SKILLS FOR TEACHING AND LEARNING PROGRAMMING: A TERTIARY STUDY
A. Šiška, D. Peras, Z. Stapić

DEVELOPING SUSTAINABILITY COMPETENCE THROUGH A CASE STUDY ON GENDER EQUALITY
R. Pucetaite, A. Juvarauskiene, A. Novelskaite

LEADERSHIP AND MANAGEMENT IN UNCERTAIN TIMES: NEW EXPERIENCES FROM INTERNATIONAL EDUCATIONAL COOPERATION: A BALTIC-NORDIC EXPERIENCE
K. Mullamaa

HYBRID MODE FOR TEACHING ENGLISH IN THE UNIVERSITY
L. Obukhova, T. Moiseeva, E. Tsygankova, G. Ilbragimova

PRE-SERVICE TEACHERS’ ACHIEVEMENT GOAL ORIENTATION PROFILES AND THEIR BELIEFS ABOUT SELF-REGULATED LEARNING, CREATIVITY, AND HIGH ABILITIES OF STUDENTS WITH DYSLEXIA
R. Pahlinia-Reinić, V. Brandić, S. Škocić Mihić

STAYING GROUNDED IN AN A.I. WORLD
W. Genereux
"THE MOSQUITO CHALLENGE": LEARNING ABOUT MOSQUITOES THROUGH CITIZEN SCIENCE IN SECONDARY EDUCATION
G. Rodríguez-Loinaz

INTER-IUM: EXPLORING PLAY-BASED LEARNING IN INTERIOR ARCHITECTURE FOR SKILL DEVELOPMENT AND CREATIVITY
C. Ada

INFORMATION DESIGN AND DESIGN THINKING: STUDENTS' PERCEPTIONS OF INFOGRAHICS AS AN INSTRUCTIONAL AID
B.J. Godejord

GOVERNMENT RESKILLING INITIATIVES: WHAT WORKS BEST WHEN RESKILLING A WORKFORCE?
S. Creaner, G. Creaner, C. Creaner

DESIGN CHOICES AMONG RECENT SECURITY RELATED SERIOUS GAMES
J. Esterhuizen, L. Drevin, G. Drevin, D. Snyman

EXPLORING THE NARRATIVES SURROUNDING GENERATIVE ARTIFICIAL INTELLIGENCE IN THE CONTEXT OF COMPUTER SCIENCE EDUCATION
J. Greeff, E. Taylor

TRAINING ON NITROUS OXIDE ("LAUGHING GAS"), ITS IMPACT ON THE HEALTH AND MENTAL STATUS OF ADOLESCENTS. PREVENTION OF ITS USE
E. Petkova-Gueorguieva, H. Lebanova, A. Mihaylova, G. Petrova, V. Madzharov, S. Gueorguiev

RELATIONSHIPS & SEXUALITY EDUCATION FOR SPECIAL LEARNERS
P. Bray

TRENDS, IMPACT AND CONTROVERSIES OF ARTIFICIAL INTELLIGENCE (AI) ESPECIALLY GENERATIVE AI IN HIGHER EDUCATION
J. DeBello

MIND “MANAGER IN DEVELOPMENT”
O. Pediconi, R. Caiano, E. Di Filippo, M. Fasolo, A. Massimi, A. Rasetta, C. Andreoletti

A CONDENSED 4-WEEK COURSE ON CYBERSECURITY: A CONNECTIVISM APPROACH WITHIN THE COMMUNITY OF INQUIRY FRAMEWORK
L. Whisenant

BEYOND INCLUSION: FACILITATING LGBTQIA+ AFFIRMATIVE JAPANESE LANGUAGE LEARNING
C. Maree

ENRICHING THE STRUCTURE OF THE ONTOMATHPRO ONTOLOGY FOR REPRESENTING MATH KNOWLEDGE
O. Nevzorova, A. Kirillovich, E. Lipachev, A. Elizarov

SUMMATIVE-REFLECTION SUPPORT METHOD BY CLUSTERING WRITTEN REFLECTIONS USING LARGE LANGUAGE MODELS
K. Maruyama, Y. Morimoto

CRITICAL SUCCESS PARAMETERS FOR ONLINE AND DISTANCE EDUCATION BEFORE, DURING AND AFTER THE COVID-19 PANDEMIC
G. Aretoulis, E. Aretouli, A. Massimi, A. Rasetta, C. Andreoletti

TWENTY YEARS OF OBJECT ORIENTATION: A CASE STUDY FOR NORTH RHINE-WESTPHALIA IN GERMANY
A. Pasternak, D. Engbring

DIGITAL TUTORING AND MENTORING PLATFORM: A PATHWAY TO ENHANCE STUDENT RETENTION IN HIGHER EDUCATION
R. Nunes, Z. Ullah, B. Silva, J. Cravino, A. Reis

TRANSFER LEARNING TO THE FIELD EXPERIENCE
S. Zilbernagel, G. Dushnitzky

STORYTELLING AND TECHNOLOGY: DEVELOPING EMPATHETIC CONNECTIONS AS A 21ST CENTURY SKILL IN IMMERSIVE VIRTUAL REALITY
M. Harris, K. Moody

THE CODEX4D PROJECT: A VIRTUAL MULTIDIMENSIONAL AND INTERDISCIPLINARY JOURNEY INTO THE MANUSCRIPT
E. Pietroni, N. Orazi, D. Ferdani, A. Chirivi

EDUCATIONAL RELATIONS AND DISTANCE LEARNING: A RETROSPECTIVE EVALUATION FROM THE POINT OF VIEW OF PRINCIPALS, TEACHERS AND PARENTS
S. Mori, S. Greco, A. Rosa, E. Mosa
SOCIAL INCLUSION AND ACADEMIC SUCCESS OF MIGRANT STUDENT IN ITALY: APPROACHES, PROCEDURES, BEST PRACTICES
E. Treglia

THE NECESSITY OF GAINING COMPUTATIONAL THINKING
P. Sarmasági

IMMERSIVE VIRTUAL REALITY IN EDUCATION: OVERCOMING CHALLENGES AND EVALUATING OPPORTUNITIES
Č. Šašinka, A. Šašinková, Z. Stachoň

CURRENT TRENDS, PERSPECTIVES AND COMMUNICATION IN THE FIGHT AGAINST THE PHENOMENON OF BULLYING IN SOCIETY
J. Dzuriaková, E. Diechová

PROPOSAL FOR THE CREATION AND OPERATION OF A MEDIATION OFFICE IN A SPANISH UNIVERSITY TO IMPROVE COEXISTENCE
M.M. Aranda Jurado

THE GENDER AND LGBTI+ PERSPECTIVES IN INFORMATION SCIENCE STUDIES: A CASE STUDY OF THE UNIVERSITY OF BARCELONA
J.J. Boté-Vericad, A. Villarroga

PROPOSAL FOR NEW TEACHING METHODOLOGIES IN LEARNING MEDIATION AND OTHER ALTERNATIVE DISPUTE RESOLUTION METHODS IN THE UNIVERSITY DEGREE IN LAW (SPAIN)
M.M. Aranda Jurado

PEDAGOGICAL STRATEGIES TO PREPARE PRESERVICE TEACHERS TO TEACH MATHEMATICS WITH TECHNOLOGY: A MIXED METHODS STUDY
S. Shalmohanamudi, K. Japal-Jamani

INTEGRATING GENERATIVE ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION: A PEDAGOGICAL INNOVATION FOR INFORMATION TECHNOLOGIES, BUSINESS AND MATHEMATICS DISCIPLINES
A. Medina López, M. Jiménez Partearroyo, P. Sáiz Martínez

BEYOND THE BLACK BOX: FOUR EXPLORATIONS IN EMBODIED INTERACTION
H. Gerardo, A. Eguchi, R. Twomey

GAMIFYING TEACHING-LEARNING PROCESSES: A STUDY ON SECURITY IN COMPUTER SYSTEMS, SECURITY IN DISTRIBUTED SYSTEMS, AND RISK ANALYSIS AND MANAGEMENT COURSES
J. Boubeta-Puig, K.J. Valle-Gómez, J. Rosa-Bilbao, A. Muñoz, G. Ortiz

STATISTICAL TOOLS TO ANALYZE LEARNING STYLES
E. Leon-Pluas

OPEN ONLINE TUTORIALS FOR A CHANGING WORLD - A CASE STUDY AT THE UNIVERSITY OF SASKATCHEWAN LIBRARY
N. Beaulieu, E. Geller, J. Murphy

EXPLORING LECTURERS’ AND STUDENTS’ EXPERIENCES ON LEARNING, TEACHING, AND ASSESSMENT BEFORE, DURING AND AFTER THE PANDEMIC: LESSONS FOR THE FUTURE
K.A. Paulus, M. Kalengay, M. Mutanga, B. Kerima

EMBRACING THE POST-PANDEMIC TREND OF SLOW LIVING: IMPLICATIONS FOR LIFELONG LEARNING
L.F. Dal Pian, M.C. Dal Pian, M. Dal Pian

EXPLORING THE NEED FOR COMPETENCE DEVELOPMENT FOR E-PROFESSIONALISM
M. Amorim, A.F. Conceição

EXPLORING BACHELOR’S STUDENTS’ PERCEPTION OF ARTIFICIAL INTELLIGENCE TEXT-TO-IMAGE GENERATORS IN FINE ARTS AND DESIGN
A. Martí Testón, F. Moriniello, D. Silva, J. Clement Ferrer, A. Muñoz

THE TRANSFORMATIVE IMPACT OF SMALL 3D VIRTUAL PRODUCTION STUDIOS FOR THE FUTURE OF EDUCATION
A. Martí-Testón, D. Silva, F. Moriniello, J. Clement Ferrer, A. Muñoz

CRITICAL THINKING AS A TRANSVERSAL COMPETENCE IN HIGH SCHOOL STUDENTS: ANALYSIS OF THE PSYCHOMETRIC PROPERTIES OF A COMPETENCY MEASUREMENT INSTRUMENT
O. Rojas, S. Pech
STAKEHOLDER PARTICIPATION IN INTERNAL QUALITY ASSURANCE AND EXTERNAL QUALITY ASSURANCE PROCESSES: PERSPECTIVES FROM A SOUTH AFRICAN UNIVERSITY
L.L. Lalendle, R. Matshoba

TEACHING PROGRAMMING PARADIGMS USING JAVASCRIPT: FOR THE NEW KIDS ON THE BLOCK
S. Mladenovic

TRENDS IN LEARNING MOTIVATION IN THE MUSIC LESSON: THE VOICE OF UPPER SECONDARY PUPILS
D. Žitkovičienė

USING CHATGPT TO ENHANCE LEARNING IN PHYSICS COURSES FOR ENGINEERS
V. Robledo-Reila, A. Gonzalez-Nuñamendi, L. Neri, R.M.G. García-Castelán, J. Noguez

TEN YEARS, TEN COMPLETIONS, TEN STORIES. THE IMPACT OF DOCTORAL STUDY ON PROFESSIONAL PRACTICE
L. Devlin, R. Morgan-Guthrie

DIGITALISATION OF THE PROCESS OF RECOGNITION OF PRIOR LEARNING: THE CONCEPT OF E-RPL TOOL
L. Stoianovska-Georgievska, I. Sandeva, A. Krleski, H. Spasevska, M. Ginovska

RESEARCH BASED LEARNING AND LEARNING STYLES OF UNIVERSITY STUDENTS OF AGRICULTURE

RESEARCH BASED LEARNING IN BACHELOR’S AND MASTER’S DEGREES IN AGRICULTURE

GAMIFICATION AND CULTURE PROXIMITY AS TOOLS TO PROMOTE LOCAL HERITAGE WITHIN SECONDARY EDUCATION
L. Carugati

RUSSIAN LEARNING, MEXICAN YOUTH, AND PASSION FOR TEACHING
M. Ochoa-Reyes, P. Mayoral-Valdivia

BRIDGING COMPLEXITY AND DISTANCE: DESIGNING AN ONLINE MS PROGRAM IN CYBER AND INFORMATION OPERATIONS
R. Straight, D. Alharthi, R. Honomichl

DESIGN, DEVELOPMENT & EVALUATION OF A SERIOUS GAME ON INTERNET SAFETY
P. Psomos

COMPAGES – DEVELOPING A DIGITAL LEARNING GAME FOR THE CHEMISTRY CLASSROOM TO FOSTER COMPETENCE ACQUISITION ON SCIENTIFIC INQUIRY
A. Zerouali, J. Koenen, B. Werner

FOSTERING SELF-REGULATION AND MOTIVATION USING AN ASSESSMENT AS A LEARNING APPROACH: THE FRAVAL PROJECT
F. Gratani, L. Giannandrea, C. Laici

DESIGN, DEVELOPMENT & EVALUATION OF A SERIOUS GAME ON SEX EDUCATION
P. Psomos

FROM 3D SCANNING TO 3D PRINTING: HOW TO DESIGN A SMALL URBAN OBJECT, IN GLOCAL 2 SUMMER SCHOOL FROM KLAIPEDA TO MADRID
D. Jankauskiene, M. Valiente López, M.A. Flórez de la Colina, L. Kukliene, I. Kužlys, D. Gauvytuk

MENTOR CLASSES ON THE IT FACULTY OF THE UNIVERSITY
P. Sarinasági

MENTALIZATION, SOFT SKILLS AND EMPLOYMENT
A. Frolli, F. Cerciello, R.P. Laccone, F. Bisogni

INSTRUCTIONAL REDESIGN BY LEARNING ANALYTICS
C. Ruhland, U.U. Shegupta

ANALYZING SURVEY DATA - USING CLASSIFICATION RESULTS FOR BETTER DATA UNDERSTANDING
E. Braynova, A. Sejdi

THE USE OF SUSTAINABLE DEVELOPMENT GOALS (SDG) IN THE STUDY OF EUROPEAN UNION LITIGATION – A BIGGER PLAN FOR CITIZENSHIP
M.M. Magalhães Silou, D. Alves
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>USING DIGITAL STORIES AND PERSONAL NARRATIVES IN A US BLENDED</td>
<td>9155</td>
</tr>
<tr>
<td>UNIVERSITY CLASSROOM EXPERIENCE TO ENGAGE, TEACH, AND INSPIRE</td>
<td></td>
</tr>
<tr>
<td>A. Wenzel, C. Ryan</td>
<td></td>
</tr>
<tr>
<td>“LEARNING BY DOING” DURING FINAL YEAR PROJECT IN AN ENGINEERING</td>
<td>9163</td>
</tr>
<tr>
<td>DEPARTMENT: THE CASE OF THE DESIGN AND CONSTRUCTION OF A</td>
<td></td>
</tr>
<tr>
<td>LABORATORY SETUP FOR THE STUDY OF THE PHENOMENA OCCURRING DURING</td>
<td></td>
</tr>
<tr>
<td>THE PNEUMATIC CONVEYING OF GRANULAR MATERIALS</td>
<td></td>
</tr>
<tr>
<td>P. Zalimidis</td>
<td></td>
</tr>
<tr>
<td>SMART PRACTICES IN SPANISH LANGUAGE TEACHING: COMPARING RESULTS</td>
<td>9170</td>
</tr>
<tr>
<td>BETWEEN A GROUP OF ADULTS AND PRIMARY AND SECONDARY SCHOOL CHILDREN</td>
<td></td>
</tr>
<tr>
<td>K. Papaioannou</td>
<td></td>
</tr>
<tr>
<td>CHARTING THE CHATGPT COURSE: A QUANTITATIVE STUDY OF MANAGEMENT</td>
<td>9176</td>
</tr>
<tr>
<td>STUDENTS’ STANDPOINTS ON AI IN EDUCATION</td>
<td></td>
</tr>
<tr>
<td>R. Abreu, L. Martinez</td>
<td></td>
</tr>
<tr>
<td>EXPLORING THE ROLE OF LEARNING STYLES AND METACOGNITION IN</td>
<td>9182</td>
</tr>
<tr>
<td>FACILITATING THE TRANSITION FROM HIGH SCHOOL TO HIGHER EDUCATION:</td>
<td></td>
</tr>
<tr>
<td>THE IMPACT OF THE COVID-19 PANDEMIC</td>
<td></td>
</tr>
<tr>
<td>D. Robertson, W. Finger</td>
<td></td>
</tr>
<tr>
<td>RESPONDING TO NEW SKILLS NEED IN SUSTAINABLE CONSTRUCTION</td>
<td>9190</td>
</tr>
<tr>
<td>L. Stojanovska-Georgievsk, I. Sandelev, A. Krleski, H. Spinevska, M.</td>
<td></td>
</tr>
<tr>
<td>Ginovska, I. Panchevski, R. Ivansan</td>
<td></td>
</tr>
<tr>
<td>THE CASE OF MULTILINGUALISM AND INTERCULTURAL EDUCATION AS PILLARS</td>
<td>9191</td>
</tr>
<tr>
<td>SUPPORTING DEMOCRATIC CULTURE: THE GREEK CASE</td>
<td></td>
</tr>
<tr>
<td>K. Papaioannou</td>
<td></td>
</tr>
<tr>
<td>IMPACT OF USING MOBILE TECHNOLOGY IN BIOLOGY FIELD TRIPS OF</td>
<td>9196</td>
</tr>
<tr>
<td>UNIVERSITY STUDENTS</td>
<td></td>
</tr>
<tr>
<td>T. Becker</td>
<td></td>
</tr>
<tr>
<td>VIRTUAL REALITY AND FOREIGN LANGUAGE LEARNING</td>
<td>9201</td>
</tr>
<tr>
<td>F. Bisogni, R.P. Laccone, C. Esposito, A. Frolli, M. Romano</td>
<td></td>
</tr>
<tr>
<td>THE IMPACT OF SEMANTIC NETWORKS ON LEARNER PERFORMANCE THROUGH</td>
<td>9208</td>
</tr>
<tr>
<td>GUIDED NAVIGATION OF CONCEPTUAL RELATIONS IN ONLINE LEARNING</td>
<td></td>
</tr>
<tr>
<td>B. Touis, S. Aammou, Y. Jdidou</td>
<td></td>
</tr>
<tr>
<td>MENTALIZATION, SOFT SKILLS AND PSYCHOLOGICAL COUNSELING</td>
<td>9213</td>
</tr>
<tr>
<td>A. Frolli, F. Cerciello, C. Esposito, F. Bisogni</td>
<td></td>
</tr>
<tr>
<td>LEARNING PREFERENCES THROUGH DISTANCE EDUCATION AND THE</td>
<td>9218</td>
</tr>
<tr>
<td>ASSOCIATION WITH STUDENTS’ PROFILE</td>
<td></td>
</tr>
<tr>
<td>C. Aretoulis, E. Aretoulis, S. Armenia, D. Miricescu, J. Papathanasiou</td>
<td></td>
</tr>
<tr>
<td>J. Stanković, G. Tspales</td>
<td></td>
</tr>
<tr>
<td>FOSTERING EDUCATIONAL SUSTAINABILITY THROUGH LANGUAGE TEACHERS'</td>
<td>9225</td>
</tr>
<tr>
<td>TRAINING: EXPLORING METACOGNITIVE PERSPECTIVES AND TECHNOLOGICAL</td>
<td></td>
</tr>
<tr>
<td>INTEGRATION</td>
<td></td>
</tr>
<tr>
<td>C. Calicchio, G. Montanucci, A. Peconi</td>
<td></td>
</tr>
<tr>
<td>SKILL MAPPING USING SEMANTIC NETWORKS: A PERSONALIZED APPROACH TO</td>
<td>9231</td>
</tr>
<tr>
<td>ASSESSING AND ENHANCING LEARNER COMPETENCIES</td>
<td></td>
</tr>
<tr>
<td>B. Touis, S. Aammou, Y. Jdidou</td>
<td></td>
</tr>
<tr>
<td>A CONSTRUCTIONIST WORKSHOP TO SUPPORT STATISTICS EDUCATION</td>
<td>9236</td>
</tr>
<tr>
<td>A. Margitay-Becht</td>
<td></td>
</tr>
<tr>
<td>PARENTS’ EMPATHIC SELF-EFFICACY AND CHILDREN’S SOCIO-EMOTIONAL</td>
<td>9243</td>
</tr>
<tr>
<td>LEARNING IN AN INTERVENTION FACILITATED BY A VIRTUAL ROBOT</td>
<td></td>
</tr>
<tr>
<td>C. Riccioni, L. Di Giunta, G. Gordon, C. Lunetti, G. Gliozzo, C.</td>
<td></td>
</tr>
<tr>
<td>Comitale</td>
<td></td>
</tr>
<tr>
<td>EMPOWERING STUDENT LEARNING IN TECHNOLOGY-ORIENTED COURSES</td>
<td>9249</td>
</tr>
<tr>
<td>USING A HYBRID METHODOLOGY</td>
<td></td>
</tr>
<tr>
<td>V.M. Pérez Colado, T.O. Skevik</td>
<td></td>
</tr>
<tr>
<td>INTEGRATING PERSONAL NARRATIVES IN HISTORY TEACHING AND LEARNING</td>
<td>9257</td>
</tr>
<tr>
<td>PROCESS ON THE TOPIC OF THE HOLOCAUST – A COMPARATIVE EVALUATION</td>
<td></td>
</tr>
<tr>
<td>OF EDUCATIONAL METHODS AND TOOLS IN SECONDARY SCHOOLS IN HUNGARY</td>
<td></td>
</tr>
<tr>
<td>E. Szonyi, I. Barna, G. Komoly</td>
<td></td>
</tr>
<tr>
<td>DESIGNING A VR EDUCATIONAL APPLICATION TO ENHANCE RESILIENCE AND</td>
<td>9258</td>
</tr>
<tr>
<td>COMMUNITY AWARENESS THROUGH CULTURAL EXPLORATION</td>
<td></td>
</tr>
<tr>
<td>M. Romano, R.P. Laccone, A. Frolli</td>
<td></td>
</tr>
</tbody>
</table>
DEVELOPING AND EVALUATING KEY COMPETENCIES OF SCHOOL MANAGERS  
A. Klimentova  

9268

EXPLORING THE POTENTIAL OF MEMES IN LANGUAGE TEACHING: ENHANCING PRAGMATIC SKILLS AND EMBRACING INFORMAL LEARNING  
C. Calicchio, G. Montanucci, A. Peconi  

9273

INTERACTIVE METHODS FOR TEACHING THE MATHEMATICAL ANALYSIS MODULE  
B. Narkeviciene  

9280

THE MANY WAYS TO STUDENT ACTIVATION: LESSONS LEARNED FROM 25 YEARS OF TEACHING UNDERGRADUATE PROGRAMMING CLASSES  
M. Meyer  

9281

ACTIVE METHODOLOGIES IN HIGHER EDUCATION (CASE STUDY)  
E. Rodrigues, I. Brito, J. Trindade  

9291

THE IMPORTANCE OF COOPERATION OF SPECIALIZED SUBJECT TEACHERS AND LINGUISTS IN THE CREATION OF FOREIGN LANGUAGE UNIVERSITY TEXTBOOKS  
A. Klimentova, P. Cancova, K. Klimentova  

9298

SERVICE-LEARNING IS KEY TO INTEGRATING SUSTAINABILITY COMPETENCIES IN A FOOD DEGREE PROGRAMME  
M.J. Cantalejo Díez, M. Navarro Huidobro, I. Irigoien Iriarte  

9304

PROPOSAL FOR A COURSE ENROLLMENT RECOMMENDATION SYSTEM USING INFORMATION ON PAST COURSE REGISTRATIONS WITH GRADES  
K. Miyashita, C. Letsugu  

9310

FLIPPED CLASSROOM TEACHING AND LEARNING THROUGH BLENDED TEACHING IN TRANSNATIONAL EDUCATION (TNE)  
H. Akter  

9317

POWER TOOLS FOR SMART WORKPLACE IN INDUSTRIAL ENGINEERING PROGRAM  
M. Lule, B. Marrieta, J.C. Espinosa  

9318

FLOWCHART FOR CHOOSING INFERENCE STATISTICAL TEST  
D. Velarde-Camaqui, R. Díaz  

9329

THE POTENTIAL IMPACT OF ARTIFICIAL INTELLIGENCE CHATBOTS IN BASIC EDUCATION: A STUDY IN SCHOOLS OF THE MUNICIPALITY OF ALAGOA GRANDE IN THE STATE OF PARAÍBA/BRAZIL  
J.F. Lima Ribeiro, G. Oliveira Mattos, T.E. Sousa Araújo  

9336

(IN)FORMAL EDUCATION PROCESSES AT THE STATE TECHNICAL AGRICULTURAL SCHOOL ANTONIO SARLO: A STUDY ON UNCONVENTIONAL EDIBLE PLANTS  
V. Cristina Silva Lima, P. Cesar dos Santos, M. Barbosa Almeida, V. Freitas Carogio Maitles de Araújo, A. Junior Cordeiro de Carvalho, D. Aguivar Barbosa  

9341

EMPOWERING TOMORROW'S ENTREPRENEURS: UNIVERSITY-INDUSTRY COLLABORATION IN SHAPING ENTREPRENEURSHIP EDUCATION  
A. Ashiqali  

9342

PEDAGOGICAL INNOVATIONS IN SECONDARY EDUCATION: AN ANALYSIS OF EXPERIENTIAL LEARNING STRATEGIES FOR TEACHING AND LEARNING EFFECTIVENESS IN BAMENDA II MUNICIPALITY  
N. Fokong  

9348

DATA STORYTELLING REIMAGINED: A FRAMEWORK FOR DATA LITERACY AND INTERDISCIPLINARY LEARNING  
T. Brown-Gaines, M.E. Pethel, H. Fench, E. Saka  

9360

DEVELOPMENT OF AN ELECTRONIC BOOK WITH MULTIMEDIA MATERIAL AS SUPPORT IN THE TEACHING OF PROBABILITY DISTRIBUTIONS  
M. Pineda Becerril, O. García, A. Aguilar, F. León, N. Rosas  

9361

USE OF A MOBILE APPLICATION FOR THE EVALUATION OF THE TOPIC OF PROBABILITY  
M. Pineda Becerril, O. García, A. Aguilar, F. León, A. Vega  

9367

PEDAGOGICAL GARDENS: A MULTIDISCIPLINARY PERSPECTIVE FOR EDUCATION IN MUNICIPAL SCHOOLS OF CAMPOS DOS GOYTACAZES  
P.C. Dos Santos, A. Junior Cordeiro de Carvalho, R. André Beltrame, B. de Oliveira Silva, J. Freitas Lima, L. Freitas da Silva Siqueira, V. Peixoto Rodrigues  

9372

HOW TO COMBINE RESEARCH AND TEACHING IN SUSTAINABILITY THROUGH SERVICE-LEARNING  
M.J. Cantalejo Díez  

9377
E-WORKSHEET LEARNING MATERIALS FOR LEARNING ASSESSMENT FROM MULTIPLE PERSPECTIVES ON EDUCATIONAL CLOUD PLATFORM
M. Hatanaka, K. Fukamizu, K. Mori, Y. Morimoto

EVALUATION OF REFLECTION SUPPORT SYSTEM FOR SIMULATED LESSONS BY CLASSIFYING AND VISUALIZING FEATURES UTILIZING CLUSTERING
T. Yamaguchi, K. Hagiwara, K. Maruyama, Y. Morimoto

INVESTIGATING STUDENT UNDERSTANDING OF FORCE, VELOCITY, AND ACCELERATION IN A ONE-DIMENSIONAL MOTION IN AN INTRODUCTORY PHYSICS CLASS
S.L. Chang

CREATING UNIQUE LEARNING APPLICATIONS AFTER THE COVID-19 PANDEMIC: DEVELOPMENT OF VIRTUAL SKILLS SETS TO ADD TO A STUDENT’S LEARNING TOOLBOX
B. Barrett

MODERNIZING ANCIENT GREEK THROUGH THE COMMUNICATIVE APPROACH
V. Caldesi Valeri

EMPOWERING ENGINEERING EDUCATION: A COMPREHENSIVE ANALYSIS OF INTELLIGENT TUTORING SYSTEMS FOR ENGINEERING COURSES

INTEGRATING DIGITAL LITERACY INTO THE CONTENT OF ONLINE COURSES FOR ADULTS: METHODOLOGICAL FINDINGS OF LATVIAN UNIVERSITY LECTURERS
S. Zarina, M. Burima

PRACTICES OF LANGUAGE CLUBS FOR ENCOURAGING AN ENGAGING FOREIGN LANGUAGE ACQUISITION
M. Burima, S. Zarina, J. Tretjakova

DOES SYNTHETIC SPEECH ENHANCE SECOND LANGUAGE LEARNING?
N. Matsuda

EXECUTABLE OF THE GRAPHICAL USER INTERFACE IN MATLAB OF THE METHOD OF LEAST SQUARES
L. Villegas, F. Li, S. Valdivia

PLANTSTEM - ALTERNATIVE FOR GIRLS ENGAGEMENT IN SCIENCE AND ENGINEERING
R. Vilanova, M. Meneses, C. Pedret

EDUCATIONAL INNOVATION IN HYBRID WARFARE
A. Cambria, C. Fissore, M. Marchisio, M. Sacchet, E. Spinello

BLENDED INTENSIVE PROGRAMS FOR FOSTERING COLLABORATION AND KNOWLEDGE EXCHANGE IN SECURITY AND DEFENCE EDUCATION
A. Cambria, M. Marchisio, F. Roman, M. Sacchet, E. Spinello

ENHANCING SUSTAINABILITY THROUGH THE IMPLEMENTATION OF NATURE-BASED SOLUTIONS IN HEI STUDIES
I. Načinović Braje, S. Rašić Jelavić, I. Marić

CREATING INDIVIDUAL TRAJECTORIES OF STUDENTS IN LEARNING ENGLISH AS A SECOND LANGUAGE IN A MULTICULTURAL CLASS AT UNIVERSITY
A. Andrienko

A MODEL FOR TEACHING MASTER STUDENTS ENGLISH FOR SPECIFIC PURPOSES AT HIGHER SCHOOL
A. Andrienko

IMPLEMENTATION OF PROBLEM BASED LEARNING IN TEACHING BIOLOGY AT HIGHER SECONDARY LEVEL
R. Ranjaniebabu

EDUCATIONAL POTENTIAL OF NEW AGE TEACHING AIDS
I. Balandina, A. Miljutina, L. Yuzdova, T. Moskvitina, N. Parshukova, N. Kozlova

TEACHING INTRODUCTION TO SOFTWARE ENGINEERING THROUGH TEAM PROJECT
F. Petrović

BOOTCAMP "LEADERSHIP FOR WOMEN": A CHALLENGING, MOTIVATING AND CREATIVE EXPERIENCE THAT WILL ALLOW STUDENTS TO DEVELOP INCLUSIVE LEADERSHIP
I. Rodríguez

NARRATIVES IN THE ACQUISITION OF LINGUA FRANCA ENGLISH FOR TRANSNATIONAL MOBILITY
K. Gallagher
DIGITAL EMPOWERMENT OF THE ELDERLY: A PROPOSAL FOR A PEDAGOGICAL MODEL FOR SOCIAL INCLUSION  
L. Rocha Machado, P. A. Behar, T. P. Grande  

TEACHERS PERSPECTIVES ON USING TECHNOLOGY TO TEACH ENGLISH AS A SECOND LANGUAGE IN A GERMAN PRIMARY SCHOOL  
H. Wyatt, D. Vlachopoulos  

EVALUATING EMERGENCY REMOTE SUPPLEMENTARY TEACHING AND LEARNING PRACTICES IN GREEK PRIMARY AND SECONDARY SCHOOLS: THE TEACHERS’ PERSPECTIVE  
C. Michailidou, D. Vlachopoulos  

INFIN LNF OPENLABS, SHARING PASSION FOR SCIENCE  
D. Domenici, S. Arnone, S. Bertelli, D. Bifaretti, E. Dané, E. Patrignanelli, S. Reda, E. Santinelli  

LIVING - DRESS - HABIT: CITYTELLING. MULTIDISCIPLINARY TRAINING EXPERIENCES FOR THE DEVELOPMENT OF SELF-AWARENESS  
F. Maroldi, D. Balconi, L. Bonazzi  

CYBERSENIORS MULTIPLIERS OF KNOWLEDGE: THE CREATION OF VIRTUAL WORKSHOPS BY THE ELDERLY  
T. P. Grande, L. Rocha Machado, B. K. Slodkowski, P. A. Behar  

FACE-TO-FACE OR DISTANCE LEARNING? STUDENT AND TEACHER PREFERENCES AT THE END OF THE COVID 19 PANDEMIC  
N. P. Maldonado Reynoso, N. Islas Ayala, L. P. Rodríguez Maldonado  

TRANSFORMING PHYSICS CURRICULUM TO PROMOTE INTENTIONAL LEARNING PATHS FOR STEM STUDENTS USING ENTREPRENEURIAL MINDSET AND VALUE CREATION  
I. Stroe  

THE IMPACT OF THE FLIPPED CLASSROOM METHOD ON EFL LEARNING PERFORMANCE  
S. Kontrinienė, R. Raudienė  

AFFECT AND IMMERSION IN FISICARTIVO FOR PHYSICS LEARNING  
R. Zatarain-Cabala, M. L. Barrón-Estrada, B. A. Cárdenas Sainz, H. M. Cárdenas López  

COMPETENCIES FOR DEVELOPING FINANCIAL AND DIGITAL LITERACY  
P. Martinč  

TEACHERS’ IDENTITY AND COMPETENCIES IN VOCATIONAL EDUCATION AND TRAINING  
P. Martinč  

GREEN INFORMATION TECHNOLOGY IN THE HIGHER EDUCATION INSTITUTIONS: A SYSTEMATIC LITERATURE REVIEW  
V. Bosilj Vukić, A. M. Stjepić, M. Vukić, K. Ćurko  

EDUCATIONAL EPISTEMOLOGY OF COMPLEXITY, A NECESSARY VISION: THE COVID-19 EXPERIENCE  
N. P. Maldonado Reynoso, A. J. Rodríguez Aguirre, N. V. Vázquez Herrera  

AN APPROACH TO THE RELATIONSHIP BETWEEN TEAM DIVERSITY, THINKING STYLES, AND BIASES AFFECTING DECISION-MAKING PROCESSES IN A MULTINATIONAL COMPANY  
G. L. Petrelli, E. J. Morales-Fernández, C. García-Alonso, F. B. Martín-Garrido  

STUDY ON THE NEEDS AND SUPPORT OF THE VICTIMS OF DOMESTIC VIOLENCE AND VIOLENCE AGAINST WOMEN – THIRD MISSION PILOT ACTIVITY CONDUCTED IN THE FRAMEWORK OF ERASMUS+ CO-FUNDED CAPACITY BUILDING IN HIGHER EDUCATION PROJECT - SQUARE  
I. Grdzelidze, E. Pirtsikhalava, M. Badashvili, M. Georgelashvili, Z. Kitiaşvhili, R. Sanadze, S. Idjadze  

I. Grdzelidze, S. Idjadze  

DIFFERENCES IN WORK ENGAGEMENT AND LEADERSHIP STYLES IN THE TEAMS OF A DIVERSE MULTINATIONAL COMPANY  
G. L. Petrelli, E. J. Morales-Fernández, C. García-Alonso, F. B. Martín-Garrido  

IMPORTANCE OF DIGITAL WELLBEING, DIGITAL READINESS AND RESILIENCE FOR DIGITAL TRANSFORMATION IN HIGHER EDUCATION TEACHERS EXPERIENCE  
Z. Gyuráková, A. Starček, N. Vrančaková
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE CONSEQUENCES OF THE COLLABORATIVE ROBOTS IMPLEMENTATION IN INDUSTRIAL ENTERPRISES FOR HIGHER EDUCATION</td>
<td>9604</td>
</tr>
<tr>
<td>Z. Gyurák Babeliová, L. Jurík, A. Paulíková</td>
<td></td>
</tr>
<tr>
<td>EMPOWERING EDUCATION: UNLEASHING THE POTENTIAL OF BIG DATA ANALYTICS</td>
<td>9613</td>
</tr>
<tr>
<td>R. Meylani</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVENESS OF FLIPPED LEARNING IN HIGHER EDUCATION: A CASE STUDY ON PLANT BIOTECHNOLOGY STUDENTS</td>
<td>9621</td>
</tr>
<tr>
<td>I. Becerril-Atxikallende, B. Marcos-Rivero, R. Esteban, M.T. Gómez-Sagasti, J.M. Becerril</td>
<td></td>
</tr>
<tr>
<td>STUDENT SATISFACTION ON THE FLIPPED CLASSROOM AND PROJECT-BASED LEARNING AT THE POSTGRADUATE LEVEL IN ACADEMIC TRAINING</td>
<td>9627</td>
</tr>
<tr>
<td>E.O. Cardoso Espinosa, M.J. Blas Rivera, E.D. Nava Meléndez</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVENESS OF PROJECT-BASED LEARNING IN THE ACADEMIC TRAINING OF POSTGRADUATE STUDENTS</td>
<td>9632</td>
</tr>
<tr>
<td>E.O. Cardoso Espinosa, M.J. Blas Rivera, E.D. Nava Meléndez</td>
<td></td>
</tr>
<tr>
<td>ARTIFICIAL INTELLIGENCE (AI) IN EDUCATION IN THE COLLEGE CONTEXTS: CHALLENGES AND OPPORTUNITIES</td>
<td>9636</td>
</tr>
<tr>
<td>M.M.C. Shohel, A. Mortby</td>
<td></td>
</tr>
<tr>
<td>SKILLS ARE INFINITE BUT OIL IS NOT: FUTURE SKILLS FOR THE UNITED ARAB EMIRATES</td>
<td>9647</td>
</tr>
<tr>
<td>M. Mohasses, H. Purohit</td>
<td></td>
</tr>
<tr>
<td>EMPLOYING SOCIAL MEDIA STRATEGIES IN TRANSNATIONAL ENGINEERING EDUCATION: ADVANCING STUDENT ENGAGEMENT THROUGH SHORT VIDEO LECTURES</td>
<td>9658</td>
</tr>
<tr>
<td>A. Alam</td>
<td></td>
</tr>
<tr>
<td>STRATEGIC PARTNERSHIP PROJECTS IN ERASMUS+, WHAT IMPACT CAN BE EXPECTED? REFLECTIONS BASED ON SOME CASES</td>
<td>9659</td>
</tr>
<tr>
<td>A. Fox, T. Hjeltnes</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS OF STUDENT INTERACTION WITH LEARNING DESIGN ELEMENTS IN THE LMS: COMPARING TWO ITERATIONS OF TEACHER-STUDENT COMMUNICATION MODES</td>
<td>9669</td>
</tr>
<tr>
<td>M. Atahuy, S. Atwani Ochukut, D. Hernández-Leo, L. Albó</td>
<td></td>
</tr>
<tr>
<td>PREPARING STUDENTS FOR A FREELANCE-BASED ECONOMY: A EUROPEAN+ PROJECT</td>
<td>9678</td>
</tr>
<tr>
<td>A. Romagnuolo, M. Elefante</td>
<td></td>
</tr>
<tr>
<td>HISTORY IS IMPORTANT BUT NOT THAT INTERESTING: CANADIAN STUDENTS' PERSPECTIVES ON THEIR EXPERIENCES LEARNING HISTORY IN SCHOOL</td>
<td>9687</td>
</tr>
<tr>
<td>C. Peck</td>
<td></td>
</tr>
<tr>
<td>UTILIZING ACADEMIC ADVISING AS A CURRICULUM SUPPORT MECHANISM TO MITIGATE THE IMPACT OF SCHOOL VIOLENCE ON THE ACADEMIC PERFORMANCE OF FIRST-YEAR PRE-SERVICE TEACHERS</td>
<td>9688</td>
</tr>
<tr>
<td>M. Mphuthi</td>
<td></td>
</tr>
<tr>
<td>COVID-19 AND POST COVID EXPERIENCE OF STUDENT SUPPORT FOR STUDENTS FROM DISADVANTAGED BACKGROUNDS STUDYING AT A DISTANCE (2020-2023)</td>
<td>9695</td>
</tr>
<tr>
<td>C. Makwara, V. Makwara</td>
<td></td>
</tr>
<tr>
<td>EMPOWERING EFL LEARNERS FOR THE GLOBAL STAGE: A COLLABORATIVE APPROACH TO CULTIVATING 21ST-CENTURY SKILLS AND INTERCULTURAL COMPETENCE IN HIGHER EDUCATION</td>
<td>9696</td>
</tr>
<tr>
<td>A. Simões, G. Moreira, T. Oswald</td>
<td></td>
</tr>
<tr>
<td>SUPPORTING MATH TEACHERS FOR ACADEMIC PERFORMANCE AND SELF-EFFICACY OF MINORITY STUDENTS</td>
<td>9708</td>
</tr>
<tr>
<td>M. Chang, H. Bang, S. Kim, R. Pontier</td>
<td></td>
</tr>
<tr>
<td>A STEM LEARNING MODEL USING DESIGN THINKING APPROACH FOR SIXTH AND SEVENTH-GRADE STUDENTS: TO IMPROVE THE PROBLEM-SOLVING AND CREATIVE SKILLS</td>
<td>9714</td>
</tr>
<tr>
<td>S. Alkhair, E. Elhawary, N.J. Al-Thani, H. Parangusan, Z. Ahmad</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF THE AHP METHOD WHEN MAKING A DECISION ON THE EMPLOYMENT OF FUTURE ICT EXPERTS</td>
<td>9725</td>
</tr>
<tr>
<td>S. Nidagov Višnić</td>
<td></td>
</tr>
<tr>
<td>TEACHER KNOWLEDGE OF ATTENTION DEFICIT HYPERACTIVITY DISORDER AMONG PRIMARY SCHOOL STUDENTS</td>
<td>9734</td>
</tr>
<tr>
<td>S. Alsuwaidi</td>
<td></td>
</tr>
</tbody>
</table>
INVESTIGATING CYBERBULLYING AND EMPATHY AMONG ELEMENTARY SCHOOL STUDENTS WITH AND WITHOUT SPECIAL EDUCATIONAL NEEDS
T. Touloupis, C. Athanasiades

DOES SELF-ESTEEM ENHANCEMENT MATTER IN THE PREVENTION OF CYBERBULLYING IN ELEMENTARY SCHOOLS? THE CASE OF THE TABBY PROGRAM
T. Touloupis, C. Athanasiades

DIMENSIONS OF SOCIAL SKILLS IN CREATING A SUSTAINABLE ORGANIZATIONAL CULTURE
G. Gedvilienė, U. Supranavičienė, E. Stancikas

INTEGRATIVE LEARNING OF LITERATURE AND SCIENCE PROMOTES 21ST-CENTURY SKILLS
E. Nahon Crystal, Y. Segev, M. Hayak

STUDENTS’ SATISFACTION WITH INTERACTIVE ICT TOOLS IN BLENDED LEARNING ENVIRONMENTS. A COMPREHENSIVE REVIEW IN HIGHER EDUCATION
J.S. Artal-Sevil, J.L. Bernal-Agustín

VIRTUAL TOURS USING VIRTUAL REALITY GLASSES FOR TEACHING PURPOSES

STUDENT SUPPORT AND MOTIVATION
T. Ichim

FORMATION OF GENERAL EDUCATIONAL SKILLS OF YOUNGER STUDENTS IN BLENDED LEARNING
K. Zvyagin, I. Kozlova, L. Makhmutova, L. Yuzdova, T. Moskvitina, I. Balandina, N. Kazhaeva

HOW TRAINEE TEACHERS’ INTERSECTIONALITY EXACERBATES ISSUES OF WELLBEING
E. Malone, P. Saini, H. Poole

USING A HISTORICAL CASE IN EDUCATION: THE CASE OF THEATER OF WAR
R. Vennatro, T.J. Steiro, O. Boe

TEACH2 TOMORROW – HYDROGEN AS AN ALTERNATIVE ENERGY CARRIER – A TEACHING SERIES IN THE CONTEXT OF ENERGY TRANSITION USING SELF-CREATED LEARNING VIDEOS AND CONCEPT MAPPING AS AN EVALUATION TOOL
V. Meggyes, A. Banerji

EXPLORING TRADITIONAL AND NONTRADITIONAL STUDENTS’ EXPERIENCES IN HYFLEX CLASSES
B. Bakach

ENHANCING MULTIDISCIPLINARY SKILLS FOR A DIVERSE CLEAN ENERGY TRANSITION: A STAKEHOLDER INTERVIEW STUDY
E. Christou, A. Parmaxi

EDUCATION FOR SUSTAINABILITY IN DISADVANTAGED COMMUNITIES: CHALLENGES AND STRATEGIES
M. Kwizera, A. Kharesh

EFFECTIVENESS OF PROBLEM-SOLVING-BASED LEARNING TOWARDS THE DEVELOPMENT OF 5C SKILLS
S. Alkhair, N. Al-Thani, Z. Ahmad

EXPLORING THE IMPACT OF SOCIAL MEDIA ON FOOD LITERACY AND NUTRITION: A MULTI-COUNTRY STUDY
E. Borazon, D.N.D. Hang, H.H. Chuang

ENGAGEMENT, REGENERATION, & ART AS ANTIDOTE TO ECO-ANXIETY AMONG COLLEGE UNDERGRADUATES
B. Musetti

A CONCEPTUAL FRAMEWORK FOR EXAMINING THE SELF-EFFICACY OF ARCHITECTURE DESIGN STUDENTS IN USING COMPUTATIONAL DESIGN TOOLS
A. Elmashharawi

STATISTICAL EVALUATION OF FUTURE ANXIETY IN UNIVERSITY STUDENTS
C. Sart

STATISTICAL EVALUATION OF SUSTAINABLE NUTRITION ATTITUDE IN UNIVERSITY STUDENTS
C. Sart
THE INTEGRATION OF SOFT-SKILLS IN HIGHER EDUCATION AND THE IMPACT IT HAS ON STUDENTS' FUTURE PROSPECTS
A. Bouali
9828

ORACLE ACADEMY, GATEWAY TO THE FUTURE
M. Carrasco
9835

ORACLE ACADEMY, DON'T FALL INTO THE SKILLS GAP BUT GET READY FOR TOMORROW'S JOBMARKET
D. Gooris
9836