

TABLE OF CONTENTS

INTRODUCTION	11
CHAPTER I. Innovative Educational Technologies, Tools and Methods for E-learning	
Anna Ślószarz THE MOODLE COMMUNITY PLATFORM VERSUS THE MICROSOFT TEAMS CORPORATE APPLICATION	15
Pedro Ramos Brandao CLOUD COMPUTING AND E-LEARNING (COMPUTER NETWORK LABORATORIES FOR CURRICULUM DEVELOPMENT IN CLOUD COMPUTING)	29
Svetlana Kulikova, Olga Yakovleva INDIVIDUALISED PATHS OF MASTERING AN ELECTRONIC COURSE CONTENT	41
Mariia Boiko, Nataliia Morze, Lillia Varchenko-Trotsenko COMMUNICATION AND COOPERATION IN DISTANCE LEARNING	50
Svitlana Skvortsova, Tetiana Britskan, Yana Haievets E-COURSE “INTERNET RESOURCES FOR CREATING MATHEMATICAL LEARNING AND GAME CONTENT FOR PRIMARY SCHOOL CHILDREN”	65
David Buchtela, Dana Vynikarová CONNECTION BETWEEN ONTOUML AND KNOWLEDGE REPRESENTATION MODEL OF STUDENT’S ACTIVITIES	77
Oksana Buinytska, Svitlana Vasylenko E-LEARNING TO ENSURE EDUCATIONAL SERVICES’ QUALITY IN UNIVERSITY DISTANCE LEARNING	88
Victoria Kurilenko, Yulia Biryukova, Kristina Akhnina GAMIFICATION AS SUCCESSFUL FOREIGN LANGUAGES E-LEARNING FOR SPECIFIC PURPOSES	100
Tetiana Vakaliuk, Oksana Chernysh THE COMPILATION OF A MULTILINGUAL TERMINOLOGICAL DICTIONARY AS A MEANS OF STUDENTS’ PROFESSIONAL AND LEXICAL COMPETENCE DEVELOPMENT	113

Mariusz Marczak	
THE POSSIBILITY OF USING LINGUISTIC ANALYSIS TO FUNNEL STUDENT TRANSLATORS' POST-ONLINE-EXCHANGE REFLECTIONS TOWARDS THE METACOGNITIVE ELEMENTS OF TRANSLATOR COMPETENCE	126
Gennadiy Karimov, Nataliia Kuzmenko, Tetiana Radchenko	
DISTANCE TECHNOLOGIES IN THE TRADITIONAL MODEL OF HIGHER EDUCATION	137
Marina Drushlyak, Olena Semenikhina, Volodymyr Proshkin and Olha Naboka	
USE OF SPECIALIZED SOFTWARE FOR THE DEVELOPMENT OF VISUAL THINKING OF STUDENTS AND PUPILS	147
Oksana Shelomovska, Liudmila Sorokina, Maryna Romaniukha, Natalya Sorokina, Iryna Machulina	
CLOUD TECHNOLOGIES FOR TRAINING UNIVERSITY STUDENTS OF SOCIO-HUMANITARIAN SPECIALTIES AND PUBLIC ADMINISTRATION	159
CHAPTER II.	
Development of Key and Soft Competences and E-learning	
Lyudmyla Khoruzha, Volodymyr Proshkin	
DISTANCE LEARNING: ON THE WAY TO DEVELOPING A NEW DIDACTIC MODEL OF UNIVERSITY EDUCATION	171
Rusudan Makhachashvili, Ivan Semenist, Yuliya Shtaltovna, Anna Backtina	
ICT TOOLS AND PRACTICES FOR FINAL QUALIFICATION ASSESSMENT IN THE FRAMEWORK OF COVID-19 LOCKDOWN.	183
Małgorzata Wieczorek-Tomaszewska	
VISUAL LITERACY IN CONTEMPORARY CULTURE – COMPARATIVE RESEARCH.	195
Svitlana Skvortsova, Ruslana Romanyshyn	
USE OF ONLINE SIMULATORS FOR THE FORMATION OF PRIMARY SCHOOL LEARNERS' COMPUTING SKILLS	207
Milena Janakova	
E-LEARNING USING MODERN TECHNOLOGIES SUPPORTING INNOVATIONS BASED ON A SCIENTIFIC APPROACH.	220
Oksana Strutynska, Mariia Umryk	
DISTANCE LEARNING TOOLS AND TRENDS: LOCAL SURVEY OF UKRAINIAN EDUCATORS	230

CHAPTER III.**E-learning in STEM and STEAM Education**

Xabier Basogain, Krzysztof Gurba, Theo Hug, Nataliia Morze, Tatiana Noskova, Eugenia Smyrnova-Trybulska

STEM AND STEAM IN CONTEMPORARY EDUCATION: CHALLENGES, CONTEMPORARY TRENDS AND TRANSFORMATION. A DISCUSSION PAPER 242

Todorka Glushkova, Stanimir Stoyanov, Veneta Tabakova-Komsalova, Maria Grancharova-Hristova, Irina Krasteva

AN APPROACH TO TEACHING ARTIFICIAL INTELLIGENCE IN SCHOOL 257

Miroslav Kamenský, Eva Králiková, Mikuláš Bittera, Jozefa Červeňová, Karol Kováč

FLEXIBLE SYSTEM OF REMOTE APPLICATIONS AND TEACHING WITH SENSORS 268

Tomas Barot, Lilla Korenova, Radek Krpec, Renata Vagova

UTILIZATION OF MATHEMATICAL SOFTWARE IN FAVOR OF TUTORING PROCESSES 279

CHAPTER IV.**E-environment and Cyberspace.****E-learning and Internationalisation in Higher Education**

Nuno Silva, Izabel Alvarez, Paulo Pinto

E-LEARNING IMPLEMENTATION – FROM ACTION TO EQUITY IN AN INTERNATIONAL HIGHER EDUCATION INSTITUTION 290

Nadiia Balyk, Galyna Shmyger, Yaroslav Vasylenko, Anna Skaskiv, & Vasyl Oleksiuk

STUDY OF AUGMENTED AND VIRTUAL REALITY TECHNOLOGY IN THE EDUCATIONAL DIGITAL ENVIRONMENT OF THE PEDAGOGICAL UNIVERSITY 305

Kateryna Yalova, Liudmila Sorokina, Kseniia Yashyna, Oksana Shelomovska, Oleksandr Shumeiko, Bohomaz Kostiantyn

E-LEARNING SYSTEM DEVELOPMENT AND IMPLEMENTATION: UNIVERSITY EXPERIENCE 314

Halyna Henseruk, Bogdan Buyak, Volodymyr Kravets, Hryhorii Tereshchuk, Mariya Boiko

DIGITAL TRANSFORMATION OF THE LEARNING ENVIRONMENT AT UNIVERSITY 325