

E-Business in the 21St Century

Pharmacy Education: What Matters in Learning and Teaching is an essential resource for any pharmacy faculty member. More than a narration of the philosophical aspects of teaching and personal perspectives on life as a faculty member, it explores what matters, why it matters, and how to apply the matter to teaching, learning, and assessment in pharmacy education. It covers a variety of teaching settings (e.g., large classroom, small group teaching, clinical site) and guides the reader in developing a deeper understanding of what it means to be a teacher. Scenarios are included in each chapter, offering readers the opportunity to readily apply educational theory to their role as educators and to adapt the book s content to their specific educational setting. The reader, whether a part-time faculty member, full-time faculty member, or adjunct professor/preceptor, is given the opportunity to personalize the material addressed in the text to his/her stage of development through engagement in reflective workbook exercises. Pharmacy Education: What Matters in Learning and Teaching is a valuable tool for mid-level senior-level faculty members as well as for new faculty. This text can also serve as a resource for adjunct faculty members and pharmacy residency directors and preceptors to aid in the development and refinement of clinical educational programs in pharmacy. This book will be a valuable tool for not only individual pharmacy educators but for schools of pharmacy and pharmacy residency programs in their provision of faculty development and preceptor development programs."

At a time when ICTs are proliferating various facets of society and human interactivity, optimizing the use of these tools and technologies not only enhances learning but also transforms learning experiences all together, resulting in an increase of effectiveness and quality of education around the globe. As such, teachers are being challenged to implement a wide range of tools, such as mobile learning and augmented reality, to create smarter learning environments inside and outside of the classroom. Cases on Smart Learning Environments explores the potential of SLE tools for enhanced learning outcomes as experienced by educators, learners, and administrators from various learning institutions around the world. This publication presents cases on the real-world implementation of SLEs in 11 countries that span the continents of Asia, Africa, Europe, and North and South America. Featuring coverage on a broad range of topics such as learner engagement, teacher training, and intelligent agent technology, this book is ideally designed for academicians, instructors, instructional designers, librarians, educational stakeholders, and curriculum developers.

Turn your school into a place where every child achieves. This book provides leaders with all that they need to promote differentiation in their schools and districts. Through research and first-hand experience, the authors have identified effective strategies for hiring differentiation-minded staff members, communicating the need for differentiation to all stakeholders, motivating teachers to differentiate, and using differentiated teacher evaluation to effect change.

What do you need to know to teach computing in primary schools? How do you teach it? This book offers practical guidance on how to teach the computing curriculum in primary schools, coupled with the subject knowledge needed to teach it. This Seventh Edition is a guide to teaching the computing content of the new Primary National Curriculum. It includes many more case studies and practical examples to help you see what good practice in teaching computing looks like. It also explores the use of ICT in the primary classroom for teaching all curriculum subjects and for supporting learning in every day teaching. New chapters have been added on physical computing and coding and the importance of web literacy, bringing the text up-to-date. Computing is both a subject and a powerful teaching and learning tool throughout the school curriculum and beyond into many areas of children’s learning lives. This book highlights the importance of supporting children to become discerning and creative users of digital technologies as opposed to passive consumers.

Smart Societies, Infrastructure, Technologies and Applications

Remote Workforce Training: Effective Technologies and Strategies

Assessing Future Trends In Education

Evolving Technologies for Computing, Communication and Smart World

Technological Horizons in Education

Smart Universities

Lifelong learning can occur both in and out of the classroom, but the most valuable instruction takes place on the job. Remote Workforce Training: Effective Technologies and Strategies investigates methods, techniques, and systems used in employee training programs. The tools and technologies surveyed within these pages will help employers take their workers beyond the transient skill sets offered by university degrees and into a constant state of learning and practice that will enhance both their productivity and technical abilities on a regular basis. In particular, the knowledge offered by this reference book will be of use to educators and students as well as managers, leaders, administrators, and personnel.

Technological pedagogical content knowledge (TPCK) reflects a new direction in understanding the complex interactions among content, pedagogy, learners and technology that can result in successful integration of multiple technologies in teaching and learning. The purpose of this edited volume is to introduce TPCK as a conceptual framework for grounding research in the area of teachers’ cognitive understanding of the interactions of technology with content, pedagogy and learner conceptions. Accordingly, the contributions will constitute systematic research efforts that use TPCK to develop lines of educational technology research exemplifying current theoretical conceptions of TPCK and methodological and pedagogical approaches of how to develop and assess TPCK.

Educational initiatives attempt to introduce or promote a culture of quality within education by raising concerns related to student learning, providing services related to assessment, professional development of teachers, curriculum and pedagogy, and influencing educational policy, in the realm of technology. Adapting Information and Communication Technologies for Effective Education addresses ICT assessment in universities, student satisfaction in management information system programs, factors that impact the successful implementation of a laptop program, student learning and electronic portfolios, and strategic planning for e-learning. Providing innovative research on several fundamental technology-based initiatives, this book will make a valuable addition to every reference library.

"This book offers the latest the field has to offer in research, methodologies, frameworks, and advances in the field of intelligent information technologies"--Provided by publisher.

Third International Conference, NGCT 2017, Dehradun, India, October 30-31, 2017, Revised Selected Papers, Part II

Language Across Disciplinary Boundaries

Adapting Information and Communication Technologies for Effective Education

Exploring, Developing, and Assessing TPCK

Smart Education and Smart e-Learning

ICICT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management

The rapid development of information communication technologies (ICTs) is having a profound impact across numerous aspects of social, economic, and cultural activity worldwide, and keeping pace with the associated effects, implications, opportunities, and pitfalls has been challenging to researchers in diverse realms ranging from education to competitive intelligence.

Technology continues to make great strides in society by providing opportunities for advancement, inclusion, and global competency. As new systems and tools arise, novel applications are created as well. Smart Technology Applications in Business Environments is an essential reference source for the latest scholarly research on the risks and opportunities of utilizing the latest technologies in different aspects of society such as education, healthcare systems, and corporations. Featuring extensive coverage on a broad range of topics and perspectives including virtual reality, robotics, and social media, this publication is ideally designed for academicians, researchers, students, and practitioners seeking current research on the improvement and increased productivity from the implementation of smart technologies.

For more than a decade the rapid growth of ICT and its use in education have generated a lot of changes in traditional educational structures as well as interest in defining new models for designing advanced learning solutions. This book provides an overview of international perspectives regarding the latest innovations and results in different fields of education. In particular, it is addressed to all those who are interested in exploring methodologies and extending their knowledge of current research in education and training technologies. The wide variety of contributions provides an interesting and useful account of some of the major issues and controversies facing researchers, academicians, professors, educational scientists and technologists in most of the educational contexts in which ICT is applied. Over 90 papers are featured and these are divided under headings including: Online Education and Training; Innovative Teaching and Learning Technologies; Collaborative Learning Environments; Navigation Strategies and Comprehension; Mobile Learning; Quality Issues of Distance Learning Processes; Knowledge Management and E-learning; Learning Technologies for Primary and Secondary Schools; Educational System for People with Special Needs.

"This book presents a collection of innovative research that focuses on learning in the digital world with advanced mobile technologies"--Provided by publisher.

Artificial Intelligence and IoT-Based Technologies for Sustainable Farming and Smart Agriculture

A School Leader’s Guide to Building a Culture of Differentiation

Adaptation, Resistance and Access to Instructional Technologies: Assessing Future Trends In Education

Proceedings of ETCCS 2020

Pharmacy Education

Preservice Teachers’ Perceptions of how They Learn to Use Educational Technology in Their Teaching

This book reveals how advances in computer science and human-computer interaction impact Computer-Supported Collaborative Learning (CSCL) environments. The underlying theme of the contributions is the social affordances of physical objects. The collaborative situations illustrated in the book are not necessarily learning situation in a school sense. In summary, this book illustrates a turn in the field of CSCL and emphasizes an important message for a generation of CSCL users.

Beyond the undergraduate and graduate levels, education has traditionally ceased when students enter the workforce as professionals in their respective fields. However, recent trends in education have found that adult students beyond the traditional university age often benefit greatly from returning to further their education. Adult and Continuing Education: Concepts, Methodologies, Tools, and Applications investigates some of the most promising trends in furthering education and professional development in a variety of settings and industries. With an extensive array of chapters on topics ranging from non-traditional students to online and distance education for adult learners, this multi-volume reference book will provide students, educators, and industry professionals with the tools necessary to make the most of their return to the classroom.

Smart Cities, Green Technologies and Intelligent Transport Systems

Smart Document Camera 280 Sdc-280

Information Communication Technologies: Concepts, Methodologies, Tools, and Applications

Syllabus

Primary Computing and Digital Technologies: Knowledge, Understanding and Practice

Differentiation Is an Expectation