



FREE AI Teaching Tools



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Adopting Artificial Intelligence Tools in Higher Education Thangavel Murugan, Karthikeyan Periasamy, A.M. Abirami, 2025-05-27 This edited volume explores the adoption of artificial intelligence AI tools in higher education specifically focusing on student assessment. It examines the integration of various AI tools within higher education, discussing the challenges and opportunities they present and the innovative solutions they offer. The chapters explore various issues surrounding the use of AI in higher education and propose potential solutions. The book begins with a systematic exploration of AI's potential, presenting innovative ways to ensure fair and accurate assessments that enhance the overall quality of education. It highlights the benefits of AI-powered grading systems that streamline assessment processes, provide timely feedback, and promote fair evaluations. The text discusses how machine learning algorithms can revolutionize assessment methods, allowing individualized adaptive testing tailored to each student's unique needs. Furthermore, it examines natural language processing (NLP) techniques for evaluating student essays by analyzing linguistic features such as grammar and semantic coherence. Moreover, it highlights AI-powered virtual assistants offering personalized feedback and learning recommendations. Case studies illustrate successful AI assessment implementations and methods for improving AI-based evaluations. The book also addresses engagement and success in the post-COVID 19 context. It raises concerns about plagiarism and academic integrity, comparing AI solutions to traditional methods while exploring the challenges associated with adopting AI in education. Educators, administrators, academics, and technology experts working in institutes of higher learning will find this volume compelling. It is also suitable for students taking courses in educational technology, e-learning, and digital learning.

A Teacher's Guide to Conversational AI David A. Joyner, 2024-05-27 *A Teacher's Guide to Conversational AI* explores the practical role that language-based artificial intelligence tools play in classroom teaching, learning experiences, and student assessment. Today's educators are well aware that conversational and generative AI chatbots, intelligent tutoring systems, large language models, and more represent a complex new factor in teaching and learning. This introductory primer offers comprehensive, novice-friendly guidance into the challenges and opportunities of incorporating AI into K-12 schools and college classes in ways that are appropriate, nourishing to students, and outcomes-driven. Opening with an informative overview of the foundational properties, key terminology, and ethical considerations of these tools, the book offers a coherent and realistic vision of classrooms that are enhanced rather than stymied by AI systems. This includes strategies for designing assessments that are conducive to students' beneficial use of AI while mitigating overreliance or dishonesty; using AI to generate lesson examples for student critique or custom content that reinforces course principles; leveraging chatbots as a co-instructor or a tutor, a guide during student-driven learning, a virtual debate or brainstorming partner, and a design project and creating course content, lesson plans, and activities; expanded language and accessibility options; and beyond. Through the depth of understanding and applied approach provided in these chapters,

teachers and leaders in training and in service alongside private tutors college instructors and other educators will be better prepared to future proof their efforts to serve new generations of learners

Artful AI in Writing Instruction Brett Vogelsinger, 2025-05-14 Discover strategies to use AI thoughtfully in every stage of the writing process without compromising creativity or critical thinking Feeling conflicted about integrating artificial intelligence AI into your writing instruction You're not alone In a world where AI generated text can seem like a writing teacher's enemy incorporating it into writing instruction may feel like an act of betrayal The advent of generative AI might feel like one more thing eroding students' capacity for deep thinking Artful AI in Writing Instruction offers strategies and lessons for middle and high school teachers to harness AI in a positive way integrating it into the writing process and evaluating the ethics of its usage Written by a full-time high school teacher Brett Vogelsinger the book focuses on evergreen principles and ideas rather than specific AI tools providing concrete steps and lessons that teachers can implement without being technology experts Acknowledging the varying perspectives of teachers on AI in writing instruction from skepticism to enthusiasm Brett offers a human-centered considered and ethical approach to using generative AI in the classroom Demonstrating how AI can be used artfully in the classroom to enhance students' writing skills and foster reflection on the writing process this book Provides standards-aligned lessons that detail how AI can support instruction and assist students at each step of the writing process from prewriting through publishing Emphasizes how to use AI tools to mine authentic human ideas and enhance creativity in the classroom Aims to help teachers build a healthy relationship with AI technology and use it thoughtfully in their writing instruction Includes chapter features such as quotes from esteemed writers real teacher and student voices cautionary notes and Bot Thoughts entries of example AI output Artful AI in Writing Instruction is a book that explores technology with humility critiquing its drawbacks and harnessing its strengths in an effort to guide teachers on how to use AI to help students grow their thinking and their skills rather than bypassing that development

Progressive Computational Intelligence, Information Technology and Networking Poonam Nandal, Mamta Dahiya, Meeta Singh, Arvind Dagur, Brijesh Kumar, 2025-07-22 Progressive Computational Intelligence Information Technology and Networking presents a rich and diverse collection of cutting-edge research real-world applications and innovative methodologies spanning across multiple domains of computer science artificial intelligence and emerging technologies This comprehensive volume brings together different scholarly chapters contributed by researchers practitioners and thought leaders from around the globe The book explores a wide array of topics including but not limited to machine learning deep learning cloud computing cybersecurity Internet of Things IoT blockchain natural language processing image processing and data analytics It addresses the practical implementation of technologies in sectors such as healthcare agriculture education smart cities environmental monitoring finance and more Each chapter delves into specific challenges frameworks and experimental outcomes making this book an essential reference for academicians researchers industry professionals and students who aim to stay ahead in the rapidly

evolving digital world **Proceedings of the 5th International Conference on Internet, Education and Information Technology (IEIT 2025)** Hemachandran Kannan, Ouahmiche Ghania, Intakhab Alam Khan, Abdul Samad bin Shibghatullah, 2025-09-01 This book is an open access With the development of science and technology information technology and information resources should be actively developed and fully applied in all fields of education and teaching to promote the modernization of education and cultivate talents to meet the needs of society From the technical point of view the basic characteristics of educational informatization are digitalization networking intelligentization and multi media From the perspective of education the basic characteristics of educational information are openness sharing interaction and cooperation With the advantage of the network it can provide students with a large amount of information and knowledge by combining different knowledge and information from various aspects at a high frequency Therefore we have intensified efforts to reform the traditional teaching methods and set up a new teaching concept from the interaction between teachers and students in the past to the sharing between students In short it forms a sharing learning mode For all students strive to achieve students learning independence initiative and creativity To sum up we will provide a quick exchange platform between education and information technology so that more scholars in related fields can share and exchange new ideas The 5th International Conference on Internet Education and Information Technology IEIT 2025 will be held on May 16 18 2025 in Hangzhou China The IEIT 2025 is to bring together innovative academics and industrial experts in the field of Internet Education and Information Technology to a common forum The primary goal of the conference is to promote research and developmental activities in Internet Education and Information Technology and another goal is to promote scientific information interchange between researchers developers engineers students and practitioners working all around the world The conference will be held every year to make it an ideal platform for people to share views and experiences in international conferences on Internet Education and Information Technology and related areas *Paradigm Lost* Vicki J. Sapp, 2024-10-01 Technology has taken over higher education and we not only allow but also encourage this From Google to ChatGPT technology threatens to sweep students into dependency and undermine their critical thinking and communication skills not to mention their autonomy and story Prof Sapp helps educators students parents and the broader public to see the dangers and recognize possible remedies in the effort to keep education human centered and the guardian of individual and cultural literacy and freedom In her work Prof Sapp chronicles and critiques the efforts of educators and students to cross the Digital Divide from print to digital paradigms She especially reaches out to the mentors the gatekeepers of education to ask hard questions and find positive pathways even as we hand over our classrooms to technology The author draws heavily from her own experience crossing the divide she brings in scholarship literature review literary analysis her students perspectives and even fiction to cover the layers and argument angles of this major paradigm shift Prof Sapp acknowledges the importance of new digital literacies and provides practical suggestions and constructive techniques describing classroom exercises she has

found to work well engaging students and navigating the challenges as devices invade the classroom and the medium indeed becomes the message Literacy and Learning in the Content Areas Sharon Kane,2025-04-23 The fifth edition of Literacy and Learning in the Content Areas Enhancing Knowledge in the Disciplines provides readers with the knowledge motivation tools and confidence for integrating literacy in their disciplinary classrooms Offering a literature based approach to teaching disciplinary literacy the new edition shares important ways in which teachers of courses in the disciplines can enhance student learning of subject matter and skills while also fostering their growth in the many facets of literacy Throughout each chapter Kane provides engaging and creative strategies and activities to make literacy come alive in discipline specific courses and to encourage students to explore and learn in the classroom Embedded in each chapter are examples resources and strategies to help readers actively engage with and implement literacy practices These features include Teaching in Action examples by subject area Activating Prior Knowledge activities to stimulate critical thinking to prepare readers to learn complex theoretical and conceptual material about teaching learning and literacy and end of chapter Application Activities to apply field experiences to classroom use New to the Fifth Edition Every chapter of this new edition is updated to reflect the current approaches standards and benchmarks for discipline specific literacy A new introduction with reading activities for professors to exemplify a common reading experience with their students supported by online reading materials New book talks to highlight books that show disciplinary thinking in action including literature related to art physical education economics computer science engineering food science music robotics environmental science family and consumer science and technology Expanded practical instructional strategies with new examples focused on STEAM science technology engineering art math fields and topics relating to diversity and language ESL ENL and modern language learning Updated examples and activities to emphasize students active involvement in their own learning Leading Change Through Human Resources National HRD Network (India). National Conference,C. Balaji,S. Chandrasekhar (Ph. D.),Rajan Dutta,1998 The Nation ,1872 *The Conservator* ,1890 Scientific American ,1901 Monthly magazine devoted to topics of general scientific interest *The School Executive* ,1925 *Resources in Education* ,1990 **School** ,1916 Christian Nation ,1925 **The Journal of the National Education Association** National Education Association of the United States,1929 **Musical Courier** ,1895 Vols for 1957 61 include an additional mid January no called Directory issue 1st 5th ed The 6th ed was published as the Dec 1961 issue Journal of Education ,1892 **Exchange for the Flower, Nursery and Garden Center Trade** ,1923 **The pharmaceutical journal and transactions** ,1878

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