The International Journal of
ENGINEERING EDUCATION

Aims and Scope
This journal serves as an international interdisciplinary forum of reference for engineering education.
A balance between papers on developments in educational methods technology, case studies, laboratory applications, new theoretical approaches, educational policy and survey papers is aimed for.
Comprehensive coverage of new education schemes and techniques makes the journal a unique source of ideas for engineering educators who are keen to keep abreast of latest developments in educational applications in all fields of engineering.

Some of the areas covered more extensively in recent issues are:

Notes for Contributors
Manuscripts are to be submitted to the editor, Dr. Ahmad Ibrahim by e-mail at ijee.editor@gmail.com
Only manuscripts not previously published will be considered. Once accepted for publication in the International Journal of Engineering Education (IJEE), manuscripts should not be published elsewhere.
Manuscripts should be submitted in English as MSWord documents (.doc).
Images and figures should be included in the document. PDF files can be submitted for review purposes only. No special text formatting is required as all accepted papers are formatted by IJEE production staff. However, the references need to be cited in the IJEE format.
All manuscripts should have an abstract, an introduction, presentation and discussion sections, conclusions and references.
Manuscripts should include information relevant to engineering education.
Authors are encouraged to include a concise literature survey that helps to point out the novel aspects of the manuscript. The keyword search on the home page can be used to find relevant literature previously published in the journal.
References to published literature within the text should be cited by numbers in square brackets on the line, and the references should be listed at the end of the manuscript in numerical order.
Journal references should be listed in the following format:
Book references should be given as:
Captions for figures and tables should be given on a separate sheet and included at the end of the manuscript.
Authors are requested to submit a brief biographical sketch of up to 100 words for each author. Biographical sketches will be published with the paper unless requested otherwise.
All Greek characters and unusual symbols should be defined the first time they appear in the manuscript.
Reviewers are asked to consider several aspects of the manuscript, including:
- Content: clarity of objective, technical correctness, scope covered, conclusions drawn, and contribution to engineering education, etc.
- Originality: presence of new ideas or innovative contribution.
- Structure: logical layout, proper use and adequate number of figures/diagrams, etc.
- Quality of text: correct grammar and spelling, clarity of expression, consistency, readability, appropriate quotations and references, etc.

Authors submitting a revised manuscript need to outline separately the response to the reviewers’ comments including changes introduced to the manuscript.
Final accepted manuscripts will be text and copy edited, proofs in PDF format will be sent to the author for approval before publication.
Total page charges are calculated according to the number of pages to be published based on the proofs sent to the authors.

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A selection of papers accepted for publication

Ramos et al.—A Simulator for Learning Symbolically About the Behavior of Motions in Bipedal Robots

García-Beltrán et al.—A Simulator of a Multi-Programming Environment for Computer Science Learning/Teaching

Coller and Shernoff—Video Game-Based Education in Mechanical Engineering: A Look at Student Engagement

Gunes and Baba—An Educational Tool for Design and Implementation of an Autonomous Mobile Robot

Antón et al.—Refrigerating cycle simulator: System modelling, educational implementation and assessment

Bautista Paz et al.—Simulink Model for Teaching the “Stick-Slip” Friction Phenomenon in the Subject “Machine Vibration and Noise”

Babich and Mavrommatis—Teaching of complex technological processes using simulations

Kamlaskar—Assessing Effectiveness of Interactive Electronics Lab Simulation: Learner’s Perspective

Saenz and Cano—Experiential learning through simulation games: an empirical study

Chen—A Model for Assessing Web-based Simulations in Engineering Education

Fang et al.—Lean Lego Simulation for Improving Manufacturing Engineering Education

Vahidi and Tavakoli—Simulation of Synchronous Generator on MATLAB-SIMULINK for Teaching Its Performance Characteristics to Undergraduate Students

Yehezkel et al.—Easy CPU: Simulation-based Learning of Computer Architecture at the Introductory Level

Doulgeri and Zikos—Development, Integration and Evaluation of a web based Virtual Robot Task Simulator in the teaching of robotics.

Davidovitch et al.—The Impact of Functional Fidelity in Simulator-based Learning of Project Management

Green et al.—Design for Frontier Contexts: Classroom Assessment of a New Design Methodology with Humanitarian Applications

Wren et al.—Learning More with Demonstration Based Education

Pérez et al.—Classroom Simulation of Cooperative Engineering Design Practice in an Aeronautical Company

Serrano et al.—A Teaching Approach for Gas Turbines Using Spreadsheets