

# Guidelines for Contributors

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1. The Journal on Computational Innovations and Engineering Applications (JCIEA) aims to promote the development of new and creative ideas on the use of technology in solving problems in the field of computational applications, computational intelligence, electronics and information and communications technology (ICT), manufacturing engineering, energy and environment, robotics, control and automation, and all their related fields. Manuscript submissions should, therefore, be in pursuit of the same goal and within the related fields.
2. JCIEA only accepts manuscripts written in English. The responsibility for copy-editing manuscripts, as well as obtaining reproduction permissions for the use of graphics and other materials from their references, will fall on the author.
3. Authors must also remember to cite all references and ensure that their paper submission has not been previously published or is undergoing peer review for another publication.
4. Manuscripts should include a unique title, an abstract, some keywords, an introduction and discussion of the study, a presentation and discussion of results, and a conclusion. Authors may also include an acknowledgement of funding organizations or consultants, if needed.
5. Manuscripts may be sent to *jciea.dlsu@gmail.com* or *jciea@dlsu.edu.ph* as either an MS Word file (\*.doc or \*.docx) or a LaTeX file (\*.tex), including its supporting files or submit to [www.jciea.com](http://www.jciea.com).
6. Manuscripts in either file format should have the following features:
  - Single-spaced, two-column format with 1-inch margin on all sides on letter-sized template
  - Font to be used is Times New Roman, size 11
  - Graphs (\*.eps, \*.svg), tables (\*.csv), and images (\*.jpg, \*.png) should be saved and sent apart from the MS Word file.
  - Citations and references should be submitted in IEEE format.
  - Submission of these references in a BibTeX format is preferred.
7. Manuscript should be eight to twelve (8–12) pages long, including all figures, tables, and references. Manuscripts exceeding the 12-page limit will require permissions from the editors.
8. Authors must include their full names and affiliations in the manuscript. They may include a 150- to 200-word biography to be included in the back portion of the journal.

# Call for Papers

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## SCOPES AND TOPICS

### **Artificial Intelligence**

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Agents and Multi-agent Systems  
Computational Intelligence  
Genetic and Evolutionary Algorithms  
Data Mining  
Expert Systems  
Fuzzy Logic  
Machine Learning  
Machine/Computer Vision  
Natural Language Processing  
Neural Networks

### **Emerging Technology Trends**

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Big Data Analytics  
Biomedical, Health Care and Assistive Technologies  
Cloud Computing  
Human-to-Machine Interfaces  
Internet of Things  
Intelligent Transport Systems  
Smart Cities  
Smart Grids  
Smart Farm Technologies  
Virtual/Augmented Reality  
Wireless Sensor Networks

### **Energy and Environment**

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Environmental Informatics  
Environmental Systems Management  
Green Technology  
Industrial Ecology  
Life Cycle Assessment and Material Flow Analysis

Nanotechnology and Nanomaterials  
Renewable and Non-renewable Energy Sources  
Solid Waste Management  
Sustainability Models

### **Engineering, Information, and Communications Technology**

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Bioinformatics and Bioengineering  
Biomedical Engineering  
Biometrics  
Business Intelligence  
Computer-Aided Network Design  
Computing Architectures and Systems  
Cyber/Internet Security  
Data Analytics  
Decision Support Systems  
Digital/Analog Signal Processing  
E-Commerce Application Fields  
E-Learning and Mobile Learning Tools  
Electronic Circuits and Systems Engineering  
Electronic Waste  
Gamification  
Image and Video Processing  
Information and Communications Technology  
Mechatronics Engineering  
Power and Energy  
Robotics, Control, and Automation  
Sensing and Sensor Networks  
Virtual Learning Environments  
Web Analytics