



**Iranian Association of
Electrical and Electronics
Engineers**

Journal of Applied Research in Electrical Engineering

E-ISSN: 2783-2864

P-ISSN: 2717-414X



**Shahid Chamran
University of Ahvaz**

**Journal of Applied Research in Electrical Engineering (JAREE),
Volume 3, Number 2, Summer and Autumn 2024**

Publisher: Shahid Chamran University of Ahvaz, Iran

This magazine is the result of a formal partnership of **Shahid Chamran University of Ahvaz** and **Iranian Association of Electrical and Electronics Engineers**

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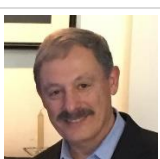

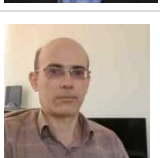
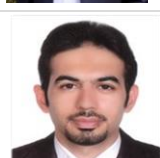
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Journal of Applied Research in Electrical Engineering (J. Appl. Res. Electr. Eng.) is a single-blind peer-reviewed, **open access** and **free of charge** international journal published by Shahid Chamran University of Ahvaz in cooperation with Iranian Association of Electrical and Electronics Engineers (IAEEE). The JAREE is a medium for global academics to exchange and spread the latest discoveries and advances in their applied research in electrical engineering. The JAREE aims at presenting important results of analytical, computational and experimental works within all specialized fields of electrical engineering (electronics, power, control and telecommunications). It welcomes high quality original research papers from contributors throughout the world. All papers are subject to a peer reviewing procedure. Submission, processing and publication of the papers in JAREE is **free of charge**.

Types of accepted papers include:

- Research articles
- Review articles
- Applied articles

Research papers are expected to present innovative solutions, novel concepts, or creative ideas that can help to address existing or emerging technical challenges in electrical engineering.

Application papers are expected to share valuable industry experiences on dealing with challenging technical issues, developing/adopting new standards, applying new technologies or solving complex problems. JAREE welcomes application papers that can have a significant impact on industry practices in the coming years.

Review papers are expected to provide insightful and expert reviews, tutorials, or study cases on an important, timely and widely-interested topic in electrical engineering.

All researchers in the fields of electrical science are invited to publish their scientific and research achievements in this journal. Interested authors can submit their manuscripts in the journal's website. More information is available in the website on how to prepare and submit the manuscripts.

Amis and Scope

The *Journal of Applied Research in Electrical Engineering* aims to provide a medium for dissemination of innovative and consequential papers that present analytical, computational and experimental works within all specialized fields of electrical engineering (electronics, power, control and telecommunications). The scope of the journal includes, but is not limited to, the following topic areas:

Electronics:

- Optical electronics, photonics and solar cells
- Integrated analog circuits and mixed signals
- Integrated radio frequency circuits
- Digital electronics (VLSI)
- Semiconductor devices
- Sensor technology

Power:

- Dynamics and stability of the power systems
- Power system protection
- Electric power quality
- Operation and planning of the power systems
- High voltage insulation technology
- Flexible AC Transmission Systems (FACTS)
- Electric power distribution systems
- Smart grids, micro-grids, renewable energies and distributed generation
- Reliability of electrical energy systems
- Energy management and electricity market
- Electric machines and transformers
- Power electronic and electric drives

Control:

- Linear and non-linear control systems
- Adaptive, optimal and stochastic control
- Fuzzy systems, neural networks and intelligent control
- Robotic and mechatronic
- Modeling, Identification and optimization of systems
- Guidance and navigation systems
- Automation, industrial control and instrumentation

Telecommunications:

- Signal and image processing
- Wireless and cellular communication systems
- Telecommunication networks
- Radar and sonar
- Information theory and coding
- Cognitive radio
- Antenna design
- Microwave devices
- Wave propagation and electromagnetic compatibility

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- The file should include text (preferably in 10 points, “Times New Roman” font) and all figures (figures can be placed within the text at the appropriate point or at the end of the text).
- The manuscript pages should be prepared either using a double-column single-line spacing layout or a single-column double-line spacing layout. A margin of at least 1.5 cm on each side is required.
- All papers should be composed of Title, Author Name, Affiliation, Corresponding author email, Abstract, Keywords, Body, and References.
- The manuscript should be written in good English. It should have been carefully checked for clarity, conciseness, the correctness of grammar, and typographical errors.
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