

Journal of Umm Al-Qura University for Engineering and Architecture (JUEA)

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The Journal of Umm Al-Qura University for Engineering and Architecture (JUEA) is the official scientific journal of Umm Al-Qura University. JUEA presents original research studies and reviews in all fields of Engineering and Architecture. Authors can publish free of charge and all content published in the journal is published under an open access license, and freely available to readers worldwide, enabling the widest possible dissemination and reuse.

The scope of the journal encompasses research that is of interest to Engineering and Architecture specialists in both academia as well as those involved in the practical. The Journal publishes original and innovative research intending to transform that research into knowledge for a global audience.

The Umm Al-Qura University for Engineering and Architecture Journal encourages thoughtful, academic study in the areas of engineering and architecture sciences. Our goal is to be the number one option for authors and readers both locally and internationally. The journal is accessible both online and in print. Umm Al-Qura University sponsors the journal, which is published by Springer.

The independence of the scientific journals is one of the goals of Saudi Arabia's Vision 2030 to raise the contribution of enterprises to scientific output and reduce the unemployment rate in general through research investment to reach the knowledge economy. The target readers of the journal include all engineering and architecture professionals in the colleges of engineering in the region and globally.

The journal has a multidisciplinary aspect, and it covers mechanical and vehicle engineering, information

and electronic engineering, chemical, metallurgical, and materials engineering, energy, mining engineering, civil, hydraulic, architecture engineering, environment, light and textile industries engineering, engineering management, computer sciences, and computer engineering.

The qualified reviewers and editors evaluated the submitted articles with great attention to guarantee quality. When going this route was required for quality, some submissions were approved after one review and others after two. I'd want to take this chance to thank all the reviewers for their advice and suggestions, as well as the knowledgeable editors for their time and consideration in managing the submissions.

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