



# Global Journal of Computer Sciences: Theory and Research

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## Message from Editor

Dear Readers,

It is a great honor for us to publish Volume 7, Issue 2 of ***Global Journal of Computer Sciences: Theory and Research***.

***Global Journal of Computer Sciences: Theory and Research (GJCS)*** is an international online journal for scientists and professionals involved in all aspects of computer sciences. This journal serves as an international platform that fosters theoretical and practical issues and new applications for all scientists and professionals from the field of computer sciences including original research and innovative applications from all parts of the world.

Aim of this issue is to give the researchers an opportunity to share the results of their academic studies. There are different research topics discussed in the articles. For example, *Mehmet Serdal Guzel, Vahid Babaei Ajabshir, Serhat Can and Erkan Bostanci* examined optimization of potential field parameters using genetic algorithm. *Tourab Wafa, Ourici Amel and Babouri Abdessalem* tested experimental and theoretical modelling of the electric and magnetic fields behaviour in the vicinity of high-voltage power lines. In addition, *Merabet Leila, Mekki Mounira, Ourici Amel and Saad Salah* aimed to investigate modelling and control system of a wind turbine, using a doubly fed induction generator. In another study, *Sultan Zavrak, Seyhmus Yilmaz, Huseyin Bodur and Sinan Toklu* discussed a new approach to the authentication system to perform our online process with the highest security. The authors concluded that in addition to the standard authentication systems, using face recognition as a secondary level of security will contribute to the emergence of a new authentication mechanism. Finally, *Farag Homed Ali Kuwil* examined Kuwil method for spectral clustering algorithm and figured out that it eliminates the problem of parameters and increases the effectiveness to give static results obtained from the first execution and no errors were seen from functions in the MATLAB language such as eigenvalues, eigenvector and k\_mean.

A total number of eleven (11) manuscripts were submitted for this issue and each paper has been subjected to double-blind peer review process by the reviewers specialized in the related field. At the end of the review process, a total number of five (5) high quality research papers were selected and accepted for publication.

We present many thanks to all the contributors who helped us to publish this issue.

Best regards,

**Prof. Dr. Dogan Ibrahim**

**Editor – in Chief**