



Journal of
Design Sciences
and Applied Arts
علوم التصميم والفنون التطبيقية

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إنطلاقاً من حرص جامعة حلوان على التميز البحثي والحصول على مكانة متميزة بين الجامعات الإقليمية والعالمية في المجال البحثي ، وتحقيق المعدل المطلوب للنشر العلمي المتميز والمعتمد عالمياً .


Based on the keenness of Helwan University to achieve research excellence and obtain a distinguished position between regional and international universities in the field of research, and in an attempt to achieve the required rate for outstanding scientific globally accredited publication. Under the auspices of the President of Helwan University Professor Dr. Majid Najm

تدشين مجلة « علوم التصميم والفنون التطبيقية - Journal of Design Sciences and Applied Arts » والتي وافق مجلس جامعة حلوان بجلستها رقم (٤٨١) بتاريخ ٢٥ / ٦ / ٢٠١٩ م على إصدارها تبعا للوائح والقوانين بجامعة حلوان .


We are delighted to announce the launching of the journal of Design Sciences and Applied Arts, which was approved by the Council of Helwan University in session No. (481) on 25 June 2019 that issued in accordance with the regulations and laws of Helwan University.

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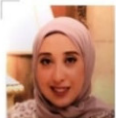
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تحت رعاية رئيس جامعة حلوان الأستاذ الدكتور ماجد نجم

Under the auspices of the President of Helwan University Professor
Dr. Maged Negm



Prof.DR. MAGED NEGM
Former President of Helwan University

A Word from

FORMER PRESIDENT OF HELWAN UNIVERSITY

The policy of Helwan University is to encourage the different faculties to create an active scientific atmosphere and its scholars to produce high quality research. It encourages the initiatives of the different faculties to implement its policy. The establishment of new international journals as the newly published DSAA journal (Design Science and Applied Arts) is a step towards the achievement of this aim.

DSAA is an International Scientific biannual Journal starting from January 2020: hard copy and online journal. DSAA covers the different research fields of the faculty of Applied Arts. I would like to extend my thanks to the Editorial Team, supervised by Prof. Maysoon Quotb the Dean of the faculty of Applied Arts and Prof. Ola Hashem Vice-Dean of post-graduate studies and scientific research, the Faculty of Applied Arts.

ومعاليه نائب رئيس الجامعة للدراسات العليا والبحوث الاستاذ الدكتور منة فؤاد
and her excellency the Vice President of the University for Graduate Studies
and Research Professor Dr. Mona Fouad



Prof.DR. MONA FOAAD
Vice President of Helwan University

A Word from

VICE PRESIDENT OF HELWAN UNIVERSITY

Helwan University focuses on the enrichment of the scientific research on its different faculties. One of the means is establishing international scientific journals. The latest publication is DSSA of the faculty of Applied Arts. DSSA is a biannual double blind peer reviewed journals, with both national and international reviewers. This journal gives Egyptian researchers and other nationalities a platform to publish high quality research in the different specialties of applied arts. Thanks are due to Professor Maysoon Quotb, the dean of the faculty of Applied Arts and Professor Ola Hashem for adding a new high quality journal to Helwan University

ومعاليه عميد كلية الفنون التطبيقية الاستاذ الدكتور ميسون قطب

And her excellency the dean of the Faculty of Applied Arts Professor
Dr. Maysoon Qutb



Prof.Dr. MAYSOON QUTP
The Dean of Applied Arts Faculty, Helwan university

A Word from
DSAA EDITOR-IN-CHIEF

Today we are happy to publish the first issue of the Journal of Design Science and Applied Arts, a newly born magazine from the oldest faculty of applied arts in Egypt.

It is the Faculty of Applied Arts- Helwan University, one year ago we celebrated the 180-year anniversary, which contain 14 unique scientific departments, Within the framework of theories of design, sustainability, entrepreneurship, design management, advanced techniques in the fields of applied arts and design history etc.

Today we congratulate ourselves on this great achievement that we tried to achieve from several years ago, and here it has been achieved

وسعادة الاستاذ الدكتور علا علي هاشم مؤسس المجلة ومدير التحرير

And her excellency Dr. Ola Ali Hashem, founder and Editorial Manager
of Journal of Design Sciences and Applied Arts



Prof.Dr. OLA HASHIM
Vice Dean for Graduate Studies and Research

A Word from

DSAA TECHNICAL EDITOR and FOUNDER

Under the patronage of His Excellency the Minister of Higher Education, the President of Helwan University and the Vice President for Graduate Studies and Research, the Post graduate Studies Department of the Faculty of Applied Arts is honoured to launch its International Scientific Journal. “Design & Applied Arts Science” is a journal released biannually in both English & Arabic versions, having reviewers at the regional and international levels from all across the world.

The DSAA journal aims to improve quality of applied scientific research, which is the product of the Faculty of Applied Arts, and was keen to apply international standards in the arbitration of research submitted for publication, and also measure quotation rates and intellectual property rights of researchers. The DSAA journal’s themes include many scientific fields covering all disciplines of applied arts. The journal also gave Egyptian and foreign researchers the opportunity to publish international research within applied arts scope. Distinguished by research dealing with topics that seek to solve material problems that need analytical, innovative and creative studies, as well as philosophical to reach results that can be applied in the form of functional products that meet the design, technical and creative standards to solve those problems.

Based on this, the Faculty of Applied Arts, Helwan University, has been keen to publish its scientific journal which provides a platform for all researchers, to develop the quality of applied research writing, which is the first goal that the college is keen to achieve, in its future plan to sustain academic accreditation and achieve educational quality in all its disciplines.

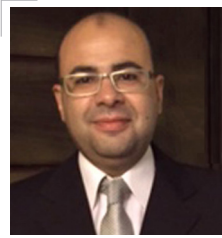
I pray that all endeavours will succeed in developing and improving the educational process, and achieving the quality required for applied scientific research, helping external community and preserve the identity of the Faculty of Applied Arts, as one of the colleges of Helwan University, for a bright academic future for our beloved Egypt.

And the Editorial Board

وهيئة تحرير المجلة

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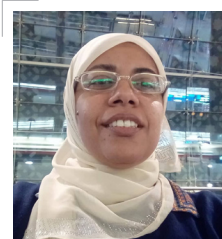


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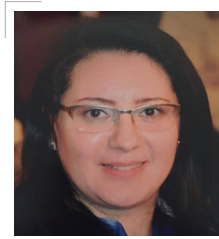


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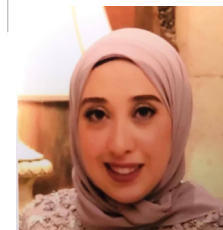
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