

ADVANCEMENT IN E-LEARNING

AKRAM M. ZEKI
MIRA KARTIWI
AHMED M. ZEKI



IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

ADVANCEMENT IN E-LEARNING

ADVANCEMENT IN E-LEARNING

Akram M. Zeki

Mira Kartiwi

Ahmed M. Zeki



IIUM Press

Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
©IIUM Press, IIUM

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without any prior written permission of the publisher.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Akram M. Zeki, Mira Kartiwi and Ahmed M. Zeki

ADVANCEMENT IN E-LEARNING

Akram M. Zeki, Mira Kartiwi and Ahmed M. Zeki

Include index

Bibliography: p. 168

ISBN 978-967-418-105-5

ISBN: 978-967-418-105-5

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM
(Malaysian Scholarly Publishing Council)

Printed by :

IIUM PRINTING SDN. BHD.

No. 1, Jalan Industri Batu Caves 1/3

Taman Perindustrian Batu Caves

Batu Caves Centre Point

68100 Batu Caves

Selangor Darul Ehsan

TABLE OF CONTENTS

Dedication	v
Table of Contents	vii – xii
Preface	xiii
Acknowledgement	xv
Introduction	xvii
1. INTRODUCTION TO E- LEARNING	1 - 4
- Kawther A. Aldhlan	
- Akram M. Zeki	
- Ahmed M. Zeki	
2. VIRTUAL LEARNING ENVIRONMENT	5 - 9
- Hamad A. Aleshidi	
- Akram M. Zeki	
3. RELEVANCE OF MULTIMEDIA IN EDUCATION	11 - 14
- Maimona J. Badi	
- Akram M. Zeki	
- Murni Mohmud	
4. THE EFFECT OF EXTERNAL FACTORS ON THE STUDENTS' ACCEPTANCE OF VIRTUAL LEARNING	15 - 20

- Hamad A. Aleshidi
 - Akram M. Zeki
5. LANGUAGE SELF-LEARNER 21 - 25
- Akram M. Zeki
 - Athifah Nafhah binti Nooh
 - Aisha Hassan A. Hashim
6. ONLINE TEACHING NOTES 27 - 31
- Akram M. Zeki
 - Nor Hatini Saleh
 - Shayma Senan
7. DEVELOPMENT OF USER FRIENDLY E-LECTURE NOTES 33 - 38
- Akram M. Zeki
 - Iffah Nadhirah binti Rosdi
 - Azliza binti Aszenan
 - Aisha Hassan A. Hashim
8. E-BOOKS SYSTEMS 39 - 44
- Akram M. Zeki
 - Hazecha Ibrahim
 - Shayma Senan
9. THE HIGH IMPACT OF USING ANIMATION IN ENHANCING EDUCATION IN SCHOOLS 45 - 50

- Hana J. Badi
- Akram M. Zeki

10. LEARNING PMR HISTORY SUBJECT 51 - 54
 USING MULTIMEDIA

- Fatin Nudra Syafiqah A. Halim
- Akram M. Zeki

11. Teaching Islamic Concepts Electronically: 55 - 60
 Hajj as an Example

- Hafizuddin Isa
- Akram M. Zeki
- Shihab A. Hameed

12. INTEGRATION OF ICT IN EDUCATION: 61 - 71
 AN ISLAMIC PERSPECTIVE

- Abdul Hafeez
- Muhd Rosydi Muhammad
- Asadullah Shah

13. THE INFLUENCES OF INFORMATION 73 - 78
 TECHNOLOGY TOWARDS BETTER
 MUSLIMS COMMUNITY

- Hassen Mohammed Al-Safi
- Arya Setiabudi
- Detarbeqo
- Arber Krasniqi

- Habibullah Yusuf
- Mohamed bin Mahmood Sanusi
- Muhd Rosydi Muhammad

14. POTENTIAL OF USING ICT IN ISLAMIC- 79 - 86
BASED EDUCATION

- Anis Adma Nizam
- Nurfarhana Omar
- Nur Hafazah Sharin
- Nor Adila Hanim Ab Kadir
- Siti Sarah Abdul Halim
- Muhd Rosydi Muhammad

15. THE USE OF SOCIAL NETWORKING IN 87 - 94
EDUCATION: CHALLENGES AND
OPPORTUNITIES

- Abdul Rauf Othman
- Ahmad Salman Ali
- Mohd Faris AbRahman
- Muhd Rosydi Muhammad

16. PARENTS AND CHILDREN 95 - 102
RELATIONSHIPS IN SOCIAL
NETWORKING: AN ANALYSIS FROM
ISLAMIC PERSPECTIVE

- Ana Uswatun Khasanah
- Madihah bt Paiizi
- Nurnajihan bt Nasoha

- Maya Novia Sari
- Muhd Rosydi Muhammad

17. SOCIAL NETWORKING IN EDUCATION: 103 - 112
SURVEY ON STUDENTS AT THE
INTERNATIONAL ISLAMIC
UNIVERSITY MALAYSIA (IIUM)

- Alyaa Nadirah Ramli
- Asma' Salsabilla Hj Mohd Ghani
- Famieza Azieta Abdul Aziz
- Norhayati Ahmad
- Norfaezah Saidon
- Muhd Rosydi Muhammad

18. ONLINE MANAGEMENT SYSTEMS FOR 113 - 116
PRIMARY SCHOOL STUDENTS

- Akram M. Zeki
- Farah Nadiah Mustakim

19. STUDENT-PARENT-TEACHER (SPT- 117 - 124
CARE): ONLINE SCHOOL
MANAGEMENT SYSTEM

- Mira Kartiwi
- Abdul Rauf Othman
- Tuan Noor Azinie Tuan Aziz

20. MULTIMEDIA COURSEWARE FOR CHILDREN 125 - 132
- Yasmin bt Yunus
 - Media Anugerah Ayu
21. ONLINE LEARNING ADOPTION IN A DEVELOPING COUNTRIES: A CASE OF THE INDONESIAN OPEN UNIVERSITY 133 - 138
- Umar Aditiawarman
22. AN IMPLEMENTATION OF E-LEARNING APPLICATION IN A MACEDONIAN HIGHER-EDUCATION INSTITUTION: A CASE STUDY OF STATE UNIVERSITY OF TETOVA 139 - 144
- Mira Kartiwi
 - Elfat Esati
23. ETHICAL ISSUES IN E-LEARNING 145 - 149
- Ahmed M. Zeki
 - Akram M. Zeki
 - Shihab A. Hameed

INTEGRATION OF ICT IN EDUCATION: AN ISLAMIC PERSPECTIVE

Abdul Hafeez, Muhd Rosydi Muhammad, Asadullah Shah
Department of Information Systems,
Kulliyah of Information Communication and Technology
International Islamic University Malaysia

ABSTRACT

Rapid increase in the development of Information & Communication Technologies (ICTs) and the desire of obtaining education has left the society with no choice of education through ICTs. Education facilitated by the new ICT is transforming learning and instruction forms in ways "that extend beyond the efficient delivery or entertainment value of traditional approaches". Education in Islam is considered as an instrument by which people can be trained in the Islamic way of life. It's challenging to achieve the objective of Islamic education through ICTs. This paper discusses the integration of ICTs in education, highlight the objective of Islamic education and then finally suggests an innovative approach to obtain desired objectives.

Keywords: Information & Communication Technologies (ICTs), Education, e-Learning, Islamic Education.

INTRODUCTION

Information & Communication Technologies (ICTs) is impacting all sectors of society especially in education. Education is the foundation of any modern society and it is to transmit a common set of beliefs, values, norms, and understanding from the adult generation to its youths. ICTs are promoting equity in education by providing educational opportunities to a greater number of people of all ages, including the traditionally unserved or underserved (e.g. those in rural and remote areas, women and girls). New technologies provide more opportunities for matching diverse teaching methods to diverse student's need and use of technology in education has several benefits for motivating students. These advanced technologies have become an essential tool of communication and information, thus offering unique advantages to both educators and students (Al-Harbi, 2011). Education facilitated by the new ICTs is transforming learning and instruction forms in ways "that extend beyond the efficient delivery or entertainment value of traditional approaches" (Garrison and Anderson, 2003).

Recent development in the field of information and communication technology, the sharp growth in education, and the new delivery mode of