

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 Nadiyah 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 |
| <ul style="list-style-type: none">- Yasmin bt Yunus- Media Anugerah Ayu | |
| 21. ONLINE LEARNING ADOPTION IN A DEVELOPING COUNTRIES: A CASE OF THE INDONESIAN OPEN UNIVERSITY | 133 - 138 |
| <ul style="list-style-type: none">- 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 |
| <ul style="list-style-type: none">- Mira Kartiwi- Elfat Esati | |
| 23. ETHICAL ISSUES IN E-LEARNING | 145 - 149 |
| <ul style="list-style-type: none">- Ahmed M. Zeki- Akram M. Zeki- Shihab A. Hameed | |

AN IMPLEMENTATION OF E-LEARNING APPLICATION IN A MACEDONIAN HIGHER-EDUCATION INSTITUTION: A CASE STUDY OF STATE UNIVERSITY OF TETOVA

Mira Kartiwi and Elfat Eitati
Department of Information Systems
Kulliyah of Information and Communication Technology, IIUM
Kuala Lumpur, Malaysia

ABSTRACT

The purpose of the paper you are holding will give a skeleton description and structure of the Course Repository of State University of Tetova located in Macedonia. It will try to ease the sharing of course materials, the communication between the lecturers and students and also for an effective way of teaching. With the implementation of the system the students will be able to access files that have been uploaded by the lecturers, view announcement, submit assignments and many sub functions. The students will be aware for any changes made to the course they are registered by receiving e-mails. The main users of the system as mentioned above will be the students and lecturers. The lecturers will log in to the system using their own IDs provided by the university at the time they have taken place of work in the university, the students would use their ID's that they have at the time of registration at the university. The system will also keep information about the students such as their personal information, academic matters, such as study plan and so on.

Keywords: E-Learning, University Management System, University of Tetova, Higher Education

INTRODUCTION

The project will be dedicated to State University of Tetova, which is located in Macedonia. The university has existed since 1994 by the Albanian minority in Macedonia but was not recognized by the government until January 2004. Courses and lecturers are taught mostly in the Albanian language, but without avoiding Macedonian and English there are courses held in these languages, because the university has its own branches scattered around Macedonia, in the cities where the majority of population is Macedonian the language is Macedonian and same goes to the majority of Albanians. It has for about 13,000 students and they do not have any online system so far, as they are using manual system for every occasion.

BACKGROUND

In order for the research to gain more credibility we have to support them