

Computing for Human Services

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Electrical and Computer Engineering-IIUM University

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Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
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Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

ISBN:978- 967-418-161-1

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

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Chapter 3

Internet Impact on Education

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3.1. Introduction

Education is a leading factor in development of Individuals, organizations and societies. The ethical, moral, religious and social values have essential affects on the education process in the society. Nowadays the advancement in computing, information technology and communication have great role in education process. Information and communication technology -ICT tools such wireless, mobility, Internet, and multimedia are important and effective tools that are used in education industry. Internet becomes widely used and has an important affect on education process and stakeholders such as students (undergraduate or postgraduate), researchers, professionals, academic staffs, managerial and non-academic staffs. Although Internet has a great and significant role in improving education process but it has some shortcomings and harmful impacts that affected this great role. These weaknesses include a large percentage of retrieved data has no direct and strong relation to the enquiry, existence of harmful or less trusted information, slow data accessing / retrieving and processing, bad or unwanted impact on ethics, moral, religious and social concerns. This chapter provides an introduction to internet importance and role in education, its weaknesses and harmful impact, and methods to improve internet usage in educational process.

3.2. Fundamental to Internet and Education Process

In this era of knowledge, computer and information technology, multimedia and mobility facilities; education process has rapidly developed [1, 2, 3, 4, 5]. Education stakeholders especially educated people and their ideas become a driving force for greater change in all education institutions [6]. After more than six decades of computer usage and quarter century of internet, the higher education should evolve rapidly to create a culture of learning in which education opportunities become pervasive through the use of information and communication