Proceedings of the
TEQIP - II Sponsored National Conference on
Reaching the Unreached
Connecting the Library Users and Resources through Innovative Services and Technologies

SALIS 2014

Editors
Dr. M. Mandhirasalam
Dr. J. Dominic
Dr. S. Swaminathan
Dr. R. Senthilkumar

Department of Library
COIMBATORE INSTITUTE OF TECHNOLOGY
(Government Aided Autonomous Institution)
Civil Aerodrome (Po), Coimbatore - 641 014

SOCIETY FOR THE ADVANCEMENT OF
LIBRARY AND INFORMATION SCIENCE
Use and Awareness on E-Learning Resources of Prospective Student Teachers: A Special Reference to St. Xavier’s College of Education (Autonomous), Palayamkottai – A Study

1Dr. Raja, T. and 2Senthil, C.

1Librarian, St. Xavier’s College of Education (Autonomous), Palayamkottai, rajaansondas@yahoo.co.in
2Assistant, Tirunelveli Government Medical College and Hospital, Tirunelveli, csenthil@amaravani.com

Abstract

This study analyses the use and awareness on e-learning among the prospective student teachers, collected from 85 questionnaires. Questionnaire method was followed in this study. The major findings of the study are 50.58% of the respondents are agree to know about the e-learning, 52.94% of the respondents agree with e-learning helps to teaching learning process, and 50.58% of the respondents agree to promote the paper free community in teaching-learning process for creating green environment.

Keywords: E-learning, Teacher Education and St. Xavier’s College of Education.

Introduction:

E-learning as the tool of internet technologies to deliver a broad array of solutions that enhance knowledge and performance. E-learning is instruction that is delivered electronically, in part or as a whole via web browser, the internet or on an intranet or multimedia platform such as CD-ROM or DVDs. E-learning is an emerging educational paradigm where learners identify specifically what they need to learn and access it quickly from wide variety of educational providers, instead of taking whole courses from local educational institutions on their fixed schedule. E-learners get the right knowledge from the right person at the right time. E-learning helps learners stay on top of today’s fast-paced education world. E-learning corporate web and internet based applications as well as CD Run, Satellite channels and video tapes (Rosenberg, 2001)

Review of Literature:

Antoine (2012) investigated that the phenomenological investigation focused on the exploration of the lived experiences of students who had dropped out of traditional four year colleges and returned to complete their degree by e-learning. The goal of this investigation was to gain a new understanding of the psychological, motivational and ethical aspects of continuing a four year college education through an e-learning environment. Rajeshkumar, M. and Krishnakumar, R. (2008) revealed a study on a tool to measure the attitude of teachers of higher education towards e-learning. The purpose of this study was to develop a research tool to measure the attitude of teachers of higher education towards learning. Wang and Shuni (2002) indicated a study of Kansas University examined on the attitudes of pre-service teachers and in-service educators' attitude towards web-supported learning. The results showed that there was no statistically significant difference related to participant's ages and participant's attitudes towards the power of site design, site content, the whole site, on-line learning and traditional learning. There were no statistical differences between technical self-efficacy levels and participant's attitude towards the site content and traditional learning. The results also suggested there were statistically significant differences in attitudes between pre-service teachers and in-service educators towards the site design, the whole site and online learning.

Objective of the Study:

➢ To identify the role of e-learning and its dimension in the teaching-learning process
Use and Awareness on E-Learning Resources of Prospective Student Teachers

Limitations:
The samples selected for the study has its limitation, which is as follows,
- The data are collected only from undergraduate students of St. Xavier’s College of Education.

Data and Methodology:
A questionnaire-based survey was utilized. It consisted of 10 questions to determine the awareness of e-learning, usage of e-learning for teaching-learning process, find use of e-books for teaching-learning process, and find e-learning helps to develop divergent thinking.

From the undergraduate education college student teachers. A total of 100 questionnaires were distributed and 85 completed questionnaires were collected and data analyzed by percentage analysis.

Data Analysis and Interpretation:
The data collected through the questionnaire was organized, tabulated and interpreted by using simple statistical methods. The investigation has selected 85 filled questionnaires for the analysis and interpretation of data.

### Table 1: The Statement of E-Learning Resources for Prospective Student Teachers

<table>
<thead>
<tr>
<th>S.No</th>
<th>Statement</th>
<th>No</th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I Know about E-Learning</td>
<td>85</td>
<td>50.58% (43)</td>
<td>48.23% (41)</td>
<td>01.17% (1)</td>
</tr>
<tr>
<td>2</td>
<td>I Know about E-Learning in my teaching-learning process</td>
<td>85</td>
<td>36.47% (31)</td>
<td>52.94% (45)</td>
<td>10.58% (9)</td>
</tr>
<tr>
<td>3</td>
<td>E-Learning helps me to work independently</td>
<td>85</td>
<td>40.00% (34)</td>
<td>57.64% (49)</td>
<td>02.35% (2)</td>
</tr>
<tr>
<td>4</td>
<td>E-Learning helps me to develop divergent thinking</td>
<td>85</td>
<td>54.11% (46)</td>
<td>44.70% (38)</td>
<td>01.17% (1)</td>
</tr>
<tr>
<td>5</td>
<td>E-Learning helps me to refer books of different experts about the same topic</td>
<td>85</td>
<td>47.05% (40)</td>
<td>49.41% (38)</td>
<td>03.52% (3)</td>
</tr>
<tr>
<td>6</td>
<td>I use e-books for my teaching-learning process</td>
<td>85</td>
<td>34.11% (29)</td>
<td>52.94% (45)</td>
<td>12.94% (11)</td>
</tr>
<tr>
<td>7</td>
<td>E-books help me to customize the viewing experience like font size and style</td>
<td>85</td>
<td>37.64% (32)</td>
<td>61.17% (52)</td>
<td>01.17% (1)</td>
</tr>
<tr>
<td>8</td>
<td>Blog accounts information can be accessed at anytime and anywhere</td>
<td>85</td>
<td>38.82% (33)</td>
<td>49.41% (42)</td>
<td>11.76% (10)</td>
</tr>
<tr>
<td>9</td>
<td>I like to purchase things through e-Shopping</td>
<td>85</td>
<td>38.82% (33)</td>
<td>47.05% (40)</td>
<td>14.11% (12)</td>
</tr>
<tr>
<td>10</td>
<td>I agree to promote the paper-free community in the teaching-learning process for creating green environment</td>
<td>85</td>
<td>47.05% (40)</td>
<td>50.58% (43)</td>
<td>02.35% (2)</td>
</tr>
</tbody>
</table>

Table 1: shows that, the first statement mentioned 50.58% of the respondents are ‘strongly agree’ to know about the e-learning, followed by 48.23% of the respondents are ‘agree’ and 01.17% of the respondents are ‘disagree’ only.

Statement 2, it is inferred 36.47% of the respondents are strongly agree to know about the e-learning for teaching-learning process, followed by 52.94% of the respondents are ‘agree’ and 10.58% of the respondents are ‘disagree.’
Use and Awareness on E-Learning Resources of Prospective Student Teachers

Statement 3, concluded that 40% of the respondents are 'strongly agree' to e-learning helps to work independently, followed by 57.64% of the respondents are 'agree' and 2.35% of the respondents are disagree.

Statement 4, concluded that 54.11% of the respondents are 'strongly agree' to e-learning helps to develop divergent thinking, followed by 44.70% of the respondents are 'agree', and 1.17% of the respondents are disagree.

Statement 5, concluded that 47.05% of the respondents are 'strongly agree' to e-learning helps me to refer books of different experts about the same topic, followed by 49.41% of the respondents are 'agree', and 3.52% of the respondents are disagree.

Statement 6, concluded that 34.11% of the respondents are 'strongly agree' to use e-books for my teaching-learning process, followed by 52.94% of the respondents are 'agree', and 12.94% of the respondents are 'disagree'.

Statement 7, concluded that 37.64% of the respondents are 'strongly agree' to e-books help me to customize the viewing experience like font size and style, followed by 61.17% of the respondents are 'agree', and 11.76% of the respondents are 'disagree'.

Statement 8, concluded that 38.82% of the respondents are 'strongly agree' to blog accounts information can be accessed at anytime and anywhere, followed by 49.41% of the respondents are 'agree', and 11.76% of the respondents are 'disagree'.

Statement 9, concluded that 38.82% of the respondents are 'strongly agree' to like to purchase things through e-Shopping, followed by 47.05% of the respondents are 'agree', and 14.11% of the respondents are 'disagree'.

Statement 10, concluded that 47.05% of the respondents are 'strongly agree' to promote the paper-free community in teaching-learning process for creating green environment, followed by 50.58% of the respondents are 'agree', and 02.35% of the respondents are 'disagree'.

Findings of the Study:

1. Use and Awareness 50.58 of the respondents are agreed to know about e-learning.
2. The Majority of the respondents are 52.94% agreeing with know about are-learning helps to teaching learning process.
3. The Majority of the respondents 57.64% are agree with e-learning helps to work independently
4. 54.11% of the respondents strongly agreed with e-learning helps to divergent thinking.
5. 49.41% of the respondents are agreeing that e-learning helps to refer books of different experts about the same topic.
6. 52.94% of the respondents are agreeing with e-books helps to teaching & learning process.
7. 61.17% of the respondents are agreeing with e-books helps to customize the viewing experience like font size & style.
8. 49.41% of the respondents are agreeing with blogs accounts information can be accessed at anytime and anywhere.
9. 47.05% of the respondents are agreeing to purchase goods through e-shopping and
10. The Majority of the respondents 50.58% are agreeing to promote the paper free community in teaching learning processes them to create green environment.

Conclusion:

E-learning is the biggest learning tool for the academic teaching learning process. It is very slow to improve the academic institutions. Government of India also takes more steps to creating the e-learning materials like lecture videos, web based education and e-content etc. The prospective teacher students want to know the e-learning programme and implement in the teaching learning process. They also want
Use and Awareness on E-Learning Resources of Prospective Student Teachers

to create the paper free community for greener environment. In 21st century, the prospective teacher student ready for the use of smart board, power point presentation and other online lecturers in the teaching learning process. Government of India and state government take many steps to conduct the training programs, workshops for prospective teacher students.

Acknowledgement:
The author wishes to acknowledge the editor of the journal Rev.Dr.D.Thomas Alexander, S.J Principal, St.Xavier's College of Education (Autonomous), Palayamkottai for granting the permission to writing the article and help and guidance for publishing the same.

Reference: