e-learning in Commonwealth Asia: implications and impact - commentary

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Implications and Impact

Commentary

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• eLearning Palm Print
• Country Profiles
• ICT and Students
• Important Trends
• Copyright and OER
• Conclusions & Recommendations
- Infrastructure
- Content
- Technology and Tools
- Teachers and Learners
- Quality
- Barriers and Enablers
<table>
<thead>
<tr>
<th>Country</th>
<th>Computers per 100 inhabitants</th>
<th>Internet users per 1000 inhabitants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangladesh</td>
<td>2.50%</td>
<td>3.70%</td>
</tr>
<tr>
<td>Brunei Darussalam</td>
<td>9.10%</td>
<td>50.00%</td>
</tr>
<tr>
<td>India</td>
<td>3.20%</td>
<td>7.50%</td>
</tr>
<tr>
<td>Malaysia</td>
<td>22.70%</td>
<td>56.30%</td>
</tr>
<tr>
<td>Maldives</td>
<td>20.00%</td>
<td>28.30%</td>
</tr>
<tr>
<td>Pakistan</td>
<td>0.50%</td>
<td>16.80%</td>
</tr>
<tr>
<td>Singapore</td>
<td>74.30%</td>
<td>71.10%</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>3.70%</td>
<td>12.00%</td>
</tr>
</tbody>
</table>

**Figure 5: India has shown the highest number of students registered in eLearning programmes**

- **India:** 2388 Male, 1467 Female
- **Malaysia:** 207 Male, 673 Female
- **Maldives:** 48 Male, 1182 Female
- **Pakistan:** 30 Male, 698 Female
- **Singapore:** 1126 Male, 70 Female
- **Sri Lanka:** 3432 Male, 673 Female
Figure 18: Moodle is the widely used Learning Management System by the institutions.

Figure 24: 'LMS' is the preferred option for providing reading content to the students.

Figure 25: 'pdf', 'ppt' and 'doc' are the most used common file formats for providing material to the students.

Figure 8: Majority of the institutions have adopted an eLearning policy.
Figure 19: Communication tools are extensively used in eLearning

- Communication tools (like chat, email, instant messaging, etc.): 86.7%
- Navigation tools (like buttons, pointers, icons, URL, mind map, flowcharts, etc.): 60.0%
- Student collaborative tools (like Wiki, google docs, evernote, etc.): 58.9%
- Administrative tools (like databases, payment gateways, ERP, etc.): 42.2%
- News and Social Forums: 56.7%
- Calendar: 54.4%
- Assessment tools (like quiz makers, rubrics, etc.): 68.9%
- Editing tools (like screen capture, flash based system, etc.): 37.8%
- e-Content/files uploading tools (like server, video server, cloud computing, etc.): 68.9%
- Teaching/presentation tools (like Prezi, Slideshare, Vocaroo, Jing, etc.): 54.4%
- Search tools (like search engines, etc.): 37.8%
- Others: 7.8%

Figure 22: Use of video conferencing for synchronous sessions

- Yes: 47.8%
- No: 52.2%

Figure 23: ‘Skype’ is the most used video conferencing application for synchronous sessions

- Skype: 41.7%
- Google+ / Hangouts: 16.7%
- Google Open Meeting: 10.4%
- WizIQ: 12.5%
- Adobe Connect: 18.8%
- A-VIEW: 4.2%
- Others: 29.2%
Figure 12: In majority of cases institutions have copyright over the e-content developed in-house.

- Institution: 67.3%
- Individual: 10.2%
- Shared/joint: 9.2%
- e-Content is released under OER license: 8.2%
- Others: 5.1%

Figure 13: Lack of clarity about licensing of eLearning materials.

- Not sure: 61.2%
- No OER Policy adopted yet: 20%
- No rights reserved: 9.4%
- CC-BY: 5.9%
- CC-BY-NC-ND: 2.4%
- Others: 1.2%
• eLearning in Commonwealth Asian countries is an increasing trend
• Enthusiasm among the faculty and staff is high
• Institutions are integrating ICTs and online technologies in their programmes
• eLearning programmes are largely offered in blended mode
• Diversify programme offerings through eLearning
• Offering completely online programmes
• Respond to market needs through more eLearning
• Encourage continuous professional development
• Ensure usability by people with disabilities
• Prioritize development of quality parameters/guidelines
Thanks
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