

List of Tables

Table 2.1: Evolution of open corpus resources based systems	23
Table 2.2: Research gaps identified	33
Table 2.3: Summary of quality indicators.....	39
Table 2.4: First ten results for the search query “moon information”.....	41
Table 2.5: Flesch reading ease scores	44
Table 3.1: Quality indicators identified	69
Table 3.2: Shortlisted quality attributes for exploration	72
Table 3.3: Template used for recording quality attributes of textual resources.....	73
Table 3.4: Relationship between content with regard to other attributes.....	74
Table 3.5: Top twelve search results for “what is plasma state of matter”	85
Table 3.6: Comprehensibility findings.....	86
Table 4.1: Video quality attributes.....	93
Table 4.2: Template for recording quality attributes of each video	98
Table 4.3: Summary of expert opinion on educational videos.....	99
Table 5.1: Student performance in the control group (Grammar)	115
Table 5.2: Student performance in the experiment group.....	117
Table 5.3: t-test statistics of Grammar experiment at 95% confidence level.....	119
Table 5.4: Post-trial feedback Control Group (Grammar).....	120
Table 5.5: Post-trial feedback Experiment Group (Grammar).....	120
Table 5.6: Student performance in the Control Group (Chemistry)	123
Table 5.7: Students performance in the Experiment Group (Chemistry)	127
Table 5.8: t-test data of Chemistry experiment at 95% confidence level	129
Table 5.9: Post-trial feedback of the Control Group (Chemistry)	129
Table 5.10: Post-trial feedback of the Experiment Group (Chemistry).....	130
Table 5.11: Queries input to the Web Scraper for textual content (prepositions).....	132
Table 5.12: Queries input to the Web Scraper for video content (prepositions).....	133
Table 6.1: Insights from the study	139
Table 6.2: Limitations of the Study	141
Table 6.3: Scope for future studies	143