

A comparison study of on-job teacher professional development web-side in Taiwan

Dr. Hung-Jen Yang, Dr. Rong-Jui Fang, Yeong-Diann Wang, & S.V. Chaw

Industrial Technology Education, National Kaohsiung Normal University, R.O.C., Taiwan &

Dr. Jui-Chen Yu

National Science & Technology Museum, R.O.C., Taiwan

hjyang@nknucc.nknu.edu.tw

The purpose of this study was to compare web-side designed for teachers' on-job professional development. Mainly the factors considered for comparison process were:

1. Design approaches
2. Interaction levels
3. Subject categories
4. Reliability

The objects of this study were to answer following questions.

- How many web-sides were there designated as on-job teacher professional development in terms of different professional areas?
- What was the difference among these web-sides from the viewpoint of design?
- What was the difference among these web-sides from the viewpoint of application?
- What was the difference among these web-sides from the viewpoint of target audience?

A investigation research method was applied to collect data for statistical analysis. The research steps were listed in following.

1. Literature review
2. on line scanning web-sides
3. Design research tool
4. Pilot test
5. Expert evaluation and modification
6. Conducting online formal investigation
7. Data collecting and statistic analysis
8. Discussion and Conclusion

Based on literature review, the draft research tool was designed. Through pilot test, modification, and expert evaluation, questionnaire development process was established for this research. According to statistic analysis result, research questions were discussed and then concluded.