Development and Validation of E-Content on Tamil Subject (Prose, Poetry, Grammar) Of Ix Standard Students

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Abstract

Innovative Instructional Technologies play an important role in enhancing learning systems. Nowadays, classes are equipped with innovative instructional technologies such as Blog, Web- based Learning, Video-conferencing, Virtual learning and online learning. E-content is becoming popular because of its flexibility of time, place and pace of learning. The purpose of this study is to develop and validate e-content package on Tamil (Prose, poetry and grammar) of IX standard student's Tamil syllabus of Tamil Nadu government.

Keywords: Development; Validation; E-content; Tamil.

INTRODUCTION

The method E-content can create an interactive environment in classroom and the subject like Tamil basically demands interaction in the classroom to learn poem, prose and grammar without spelling mistake and to create awareness in understanding rules in learning grammar. There is a clear relationship between the Tamil and the instructions given by the computer.

New Technology is the backbone for Tamil Teachers where it can make a lot of difference in teaching through use of E-content, which has the potential to enhance the teaching-learning strategies and achievement of the students. Although a lot of work exists pertaining to the use of E-content in teaching-learning process in the developed countries but in developing countries like India, it is at initial stage particularly in the field of Tamil. E-content has been used as an effective and efficient medium of instruction in the advanced countries for formal and non-formal education at all levels. In E-content, learners can learn at their own pace and spend as much as time as they need.

Development and Validation of E-content Package

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The main objective of this study is to develop and validate an e-content package on the Prose, Poetry and Grammar of Tamil. In order to prepare and validate the E-content package, the investigator followed a number of steps, which are given below.

Identification of Teaching Points

The investigator identified the teaching points for Tamil Prose, poetry and Grammar in the syllabus of IX standard student's Tamil subject after consultation with Tamil Professors from Universities and colleges and Tamil Teachers working in high schools.

Review by experts

The investigator presented the teaching points to the Tamil Professors and Tamil Teachers working in colleges and schools. They were appraised about the purpose of the experiment. After this, tamil Teachers verified and reviewed the teaching points. This ensures content validity and face validity of the items.

Development of E-content Package

S.No.	Content	E-content
1.	Kambaramayanam- Arimugam	Audio/Image
2.	Kambaramayanam- padapPorul	Audio/Video Image
3.	Kambaramayanam- Sorporul	Audio/Image
4.	Kambaramayanam- Ilakkanakurippu	Audio/ Image
5.	Kambaramayanam-Pahupatha Uruppilakkanam	Audio/Video Image
6.	Kambaramayanam-NoolKurippu	Audio/Video Image
7.	Kambaramayanam- Asiriyar Kurippu	Audio/Video Image
8.	Dhiravida Mozhigal- Arimugam	Audio/Video Image
9.	Mozhium Mozhikkudumbamum	Audio/Video Image
10.	India Mozhikkudumbangal	Audio/Video Image
11.	Dhiravida Mozhikkudumbam	Audio/Video Image
12.	Dhiravidam	Audio/Video Image
13.	Dhiravida Mozhihalul Thamizhikkuriya Idam	Audio/Video Image
14.	Thonmai Sirappu	Audio/Video Image
15.	Thalaimai Sirappu	Audio/Video Image
16.	Sevviyal Sirappu	Audio/Video Image

17.	Ezhthu – Ezhuthin Vagai	Audio/Video Image
18.	Alabedai- Alabedain Vagaigal	Audio/Video Image
19.	Uiralabedai- Vagaigal	Audio/Video Image
20.	Ottralabedai	Audio/Video Image
21.	Sirupanchamoolam – Arimugam	Audio/Video Image
22.	Sirupanchamoolam- Padaporul	Audio/Video Image
23.	Sirupanchamoolam – Ilakkanakurippu	Audio/Video Image
24.	Sirupanchamoolam- Pahupatha Uruppilakkanam	Audio/Video Image
25.	Sirupanchamoolam- Asiriyar Kurippu	Audio/Video Image
26.	Sirupanchamoolam- Nool Kurippu	Audio/Video Image

Development of script for E-content Package

After consultation with experts the investigator prepared the script for the e-content package. The script was prepared not missing even a single teaching point for the study of Tamil prose, poetry and Grammar. Based on the script , the investigator developed the e-content package for the subject unit. The developed script was given to Tamil teachers to check the accuracy of the content of the script.

Steps involved in developing the script

- mastering the subject
- arrangement of the sentences
- rearranging the work
- Drafting the full script with visual illustration and voice and music.

The shooting script was blue print of the whole e- content. It will give the complete picture of the final schedule. It will have all the details of whole camera dimensions, lightening suggestion, music and sound. This is how the script was transferred into e- content form.

Developing visual content

After the scripts were written, the contents of the selected portions were transferred into the form of visuals. Visuals were made to use for illustrative talk. Audio instruction presented with the use of visual components were concerned, visuals were made. Rough drafts of simple and uncluttered layouts were prepared. Then these sketches were given to the artist. Then e-content with logical sequence were shot from the visual.

For the development of e- content package	Purpose
Tamil professor and Teachers working in University and high school level	For getting ideas regarding construction of e-content package and identification teaching points for Tamil Prose, Poetry and Grammar.
Five IX standard students from Marai Malai Adigal govt. Hr. Sec. School , Kancheepuram District, Tamil Nadu.S	For Trying out the E-content Package
Two Experts	For Validating E-content Package

Try Out of E-Content Package

The prepared e-content package was played back to five IX standard students from Marai Mallai Adagal Government Hr sec school Pallavaram, Kancheepuram District,Tamilnadu.The e-content package ran for 1hours 25minutes.

Validation of E-Content Package

In order to validate the e-content package, the investigator gave the e-content package to two experts. Then two experts gave their feedback. Based on their feedback modification were done in the package. The modified e-content package was again reviewed by the experts This approved the final form of the e-content package.

Conclusion

In this present study, the investigator has developed and validated e-content package for one unit in Prose, Poetry, and Grammar in the 1X standard Tamil subject of Tamil Nadu State Board syllabus following English Medium.

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