



DEVELOPMENT AND TRYOUT OF SELF LEARNING MATERIAL ON PANDURANG ATHAVALE'S EDUCATIONAL CONTRIBUTION

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Abstract

The purpose of this research was to develop the self-learning material on Pandurang Athavale's Educational contribution and tryout it on trainees of Education College. The researcher studied the books which were published by Sat Vichar Darshan on Athavalejee to understand the educational contribution of Pandurang Athavale, than self-learning material was prepared. It was tryout on 49 trainees who were the trainees of college of Teacher Education where the researcher has been teaching for many years. A one day workshop was arranged to experiment the self-learning material. Pretest was given in the first session to check the previous knowledge, than the printed self-learning material which was developed by the researcher on Pandurang Athavale's Educational Contribution was given for the study. The researcher was the facilitator during the work shop. The post test was given to the trainees in the last session to know the learning outcomes. It was experimental research and Single group pre-test post-test design was used. It was found in the result that the average score of pretest was 06.15 and the average score of posttest was 42.90. There was significance difference between the mean score of pre-test and post-test. It clearly indicated that printed self-learning material which was developed on Pandurang Athavale's Educational Contribution was effective.

Key Words: *Self Learning Material, Educational Contribution, Pandurang Athavale.*

Introduction

Pandurang Athavale who was founder of Swadhyay Parivar, whom people called Dadajee was not only religious person, but also renowned educationist. His educational contribution was on based of Ancient Tapovan method. Gohil (2000) studied his educational contribution and Gohil (2004) compared his educational contribution with Mohandas Gandhi. Patel (2000) also did a case study on his educational experiment. Many research scholars researched on his contribution. Researcher knew this very well. He was also fond of his philosophy. His educational contribution impressed the researcher. The researcher has been teaching EPC-1 Reading and Reflection of Text in which he gives some study material to the trainees for study. He decided to give the printed self-learning material on Educational Contribution of Pandurang Athavale to trainees this time. Researcher knew the educational contribution of Pandurang Athavale very well, so it was decided to develop E-content on his educational contribution. The principal gave permission to arranged one day work shop to implement the E-content and the trainees were also curious to know the educational contribution of Pandurang Athavale. This research was the result of systematic effort which was done on that direction.

Objectives

1. To develop the self-learning material on Pandurang Athavale's Educational contribution
2. To tryout the self-learning material of Pandurang Athavale's educational contribution and to study its effectiveness.

Hypothesis

There will be no significance difference between mean score of on pre-test and post-test which will given to the trainees on Pandurang Athavale's Educational Contribution.

Review of Literature

The Research work which was done on Field of Philosophy and Self learning was reviewed to give the final touch to this study. Subramanyam(1958), Upadhyay(1964), Kuzhandawelu(1965), Dave(1966), Lalitha(1967), Sen(1973), Jain(1976), Upadhyay(1980), Vaidh(1985), Rao(1988), Kadiya(1988), Dvivedi(1991), Kaur(1992), Mahalingam(1992), Gandhi(1993), Gohil(2000), Patel(2000), Gohil(2004) worked in this field. These all 15 researches were philosophical research and content analysis technique was used among these works. The



researcher reviewed another 09 research reports Puwar(1999), Parmar(2010), Panchal(2007), Tandel(2009), Desai(2005), Patel(2006), Vansiya(2011), Patel(2011) and Jambusia(2009) in which were self-learning material was developed and tried out.

Research Design

It was experimental research and the research design was single group pre-test post-test experimental design.

Sample

The sample was purposive. 49 trainees of College of Teacher Education where the researcher has been giving his services was the sample of this research.

Tools

1. Printed Self Learning Material on Pandurang Athavale’s Educational Contribution
 Printed Self Learning Material on Pandurang Athavale’s Educational Contribution was developed which was divided in 11 sub topics- 1.Meaning of education, 2.Objective of Education, 3.Teaching methods, 4.Syllabus and curriculum, 5.Co-education, 6.Teacher, 7.Student, 8.Teacher student relationship, 9.Dicipline and 10.Examination System, 11.Educational Experiments. The printed material was in a book form. It was self made tool.
2. Test
 - a. The teacher made test which were used in pre test and post test was developed to know the trainees’ achievement score on Pandurang Athavale’s Educational contribution.
 - b. There were 50 multiple choice questions which contained 50 marks in the test. The test which was developed to know the trainees’ achievement score on Pandurang Athavale’s Educational contribution was used in pre test and post test.

Research Design

Step	Sessions detail	Time
1	Pre-Test	45Minutes
2	Implementation of Printed Self Learning Material Printed Self Learning Material which was developed on Pandurang Athavale’s Educational Contribution was given to the trainees for study. The researcher was facilitator during the sessions.	3 hr.
3	Post test	45 Minutes

Data Collection

The pretest was given to the trainees in the first session of the work shop to know their previous knowledge regarding Pandurang Athavale’s Educational Contribution. After that printed self-learning material was given. Three hours were given to the trainees to study and discuss the printed self-learning material. The researcher was facilitator during this time. The post test was given in the last session. The trainees responses were recorded in answer sheets which were examined properly and marks were given them according to their answers. The researcher collected the research data in this way.

Data Analysis

The collected research data was statistically analysed. The statistical function Mean, Standard Deviation and T-test were used for data analysis.

	Number of trainees	Mean	S.D.	T-test
Pre- Test	49	06.15	6.89	Significant at 0.01 level 09.45>2.58
Post- Test	49	42.90	5.47	



It was found in the result that the mean score of pretest was 06.15 and the mean score of posttest was 42.90. The difference between the mean score of pretest and posttest was 36.75. It clearly indicated that printed self-learning material which was developed on Pandurang Athavale's Educational Contribution was effective.

Discussion

This study proved that the printed self-learning material which was developed on Pandurang Athavale's Educational Contribution was effective. This study will be helpful to those teachers who are interested in developing self-learning material. It will be also helpful to the Swadhyayee's who loves Pandurang Athavale's philosophy and practice it in day today life.

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