

To Study the Perception of Student and Teacher for 4 Years B.Ed Program

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Abstract- This study is subject to measure the perception of teachers and students related to the new modified curriculum for the 4 years B.Ed degree program. Faculty members of different universities are involved in the designing of curriculum. For this study different hypothesis has been made that define the study outline. Students' perception was found positive with this regard because they have more knowledge and perfect planning for their future degree program. Teachers knew the comparison among the old and new syllabi of the B.Ed. This study has three hypothesis that measured by the pair t-test. Basic assumptions have been made by the feed-back responses of the respondents who made this study meaningful by their perceptions.

Index Terms- Pair t test, B.Ed program, curriculum modification, curriculum design.

I. INTRODUCTION

The main purpose of this study is to find out some new aspects. The nature of such questions and paucity of existing data needed to answer the questions demands a qualitative research method (Yin, 2009). Basically this work is done to highlight the modifications of curriculum for B.Ed 4 year program. Curriculum design is important for both students and teachers as according to Entwistle (1988) curriculum design seeks to address two major objectives in undergraduate education: firstly, to enable students to experience "deep" learning; and secondly, to facilitate the development of transferable skills. It has long been recognized that traditional teaching techniques often fail to encourage "deep" learning of subject content, which goes beyond short-term rote memorisation to enable the assimilation of new knowledge in a way which allows reapplication to novel situations. Laterally it was assumed that the process of learning is as important as its product and as teachers we need to be aware of both the formal and informal factors which impact on learning Willis (1977). Despite these decades of research and associated curriculum development, it seems that students' problem solving abilities still require substantial improvement especially given the rapidly changing nature of today's world Kuehner & Mauch (2006). Description of general problems of reform in education which are focused more on the absence of accountability, lack of efficiency, insufficient financial allocations and so forth Memon, Joubish, & Khurram, (2010). The important thing for teachers is to visualize the process that how the knowledge transfer to the students in this manner that they receive accurate lecture, learning materials and different assignments or projects to experience practically and this will encourage them to take more

interest in the relevant subject Meyers, Noel M. & Nulty, Duncan D (2008).

II. IDENTIFY, RESEARCH AND COLLECT IDEA

Harden (2001) has elaborated on this concept "a curriculum is a sophisticated blend of educational strategies, course content, learning outcomes, educational experiences, assessment, the educational environment and the individual students' learning style, personal timetable and the program of work". Teacher quality is therefore crucial and has been globally accepted to be significantly associated with the quality of education in general and students' learning outcomes in particular Puhan R R, Malla L, Behera S K (2014). This study will become useful in such a way that the tool that is used to collect the feedback from the students it tells that how much students got from the curriculum of this program and how much this course become useful to enhance their professional skills. By this response the thing that is useful for the teachers' is the effectiveness of their teaching that is measure by the students' interest in this program. The paired t-test is a type of hypothesis testing that is used when two sets of data are being observed. The data in a paired t-test are dependent, because each value in the first sample is paired with a value in the second sample. The parameter used to make the inference is the difference of the means of both data sets (Stephanie D. Wilkerson, 2008). By the collaboration with USAID the Pakistan has been established a teacher's education department in 2008 for the training of our teachers according to the modern need and demands. As before this program different universities and colleges are engaged in B.Ed program whose duration is about 1 or 2 years. But after the establishment of this department now a new degree program has been introduced whose duration is about 4 years and the title of the degree now become B.Ed (Hons) degree. The targets was providing the pedagogical trainings to the respectable teachers that demands to learn more for the teaching in new programs. The main theme behind these programs is to introduce the various teachers with the specialized techniques that will helpful for their grooming. HEC did noteworthy efforts in the new program, it involve in providing the effective teachers who are well trained, competent, skilled and experienced for the student learning. Paired t tests are can be categorized as a type of t test for a single sample because they test the difference between two paired results. If there is no difference between the two treatments, the difference in the results would be close to zero; hence, the difference in the sample means used for a paired t test would be 0 Tae.K.K(2015).

III. STUDIES AND FINDINGS

A. Bits and Pieces together

Different researches also support that teacher develop and possess their beliefs about different aspects of teaching on the basis of their experiences as student, as pre-service trainee teachers and through her/his in-service professional development activities teaching and they brought these beliefs in the class Joram & Gabriele (1998); Anderson, Blumenfield, Pintrich, Clark, Marx & Peterson (1995); Wubbels (1992); Zeichner & Gore (1990); Joram & Gabriele (1998); Kagan, (1992); Marso & Pigge (1989); Mertz (1991); Clark (1988).

Following are the certain findings of this research work:

- The specific finding of this research is the measurement of the effectiveness of curriculum structure and design used for 4 year B.Ed program that is different from previous content not completely but some where necessary changes have been done.
- The interest of the students' as well as teachers' represents the involvement in the implementation of the B.Ed curriculum and this is basically the positive feedback response related to the latest modification in the curriculum.
- A good teacher is that who understand the problems of the students before their explaining. The tool for this research was designed according to the same concept and it was tried, that both the respondents give their feed-back by imaging the required needs and demands.

B. Use of Simulation software

For the analysis of collected data quantitative software named 'Minitab 17' is used. The software proved user friendly and it helped a lot in gathering the data. The software mainly used for the calculation of pair t-test and formation of hyperbolic curve for more illustration.

IV. RESULTS

TABLE FOR HYPOTHESIS I:

| S.No | PARAMETERS | VALUES |
|------|-----------------|--------|
| 1 | N | 30 |
| 2 | Mean difference | 115.5 |
| 3 | St Dev | 7.2 |
| 4 | SE Mean | 1.31 |
| 5 | T-Value | 87.8 |
| 6 | P-Value | 0.0 |

Due to the pair t-test α is 0.025 (two tail) and the level of confidence is 95%, the rejection area lie above and below the highlighted region. Hence the p value is 0.0 i.e. less than 0.05. It is critical at this point to realise that we have proven the null hypothesis to be rejected and alternate hypothesis is accepted. We can state that there is significant relationship among the

teachers and students in the perceptions of effectiveness of B.Ed 4 year's curriculum design. Sahel, Al-Tawil and Al-Hahithi (2013) found that interactive learning was appreciated by students as a suitable method of learning among students. According to these authors students need interaction for learning, students can learn more by group discussion, team work, use of activities and immense use of teacher's involvement. Most of the students are categorized as the slow learner they need extra care and attention of the teacher, similarly the interaction among the student and the teacher are consider as the strong bond in the society.

TABLE FOR HYPOTHESIS II:

| S.No | PARAMETERS | VALUES |
|------|-----------------|--------|
| 1 | N | 30 |
| 2 | Mean difference | 118.7 |
| 3 | St Dev | 5.8 |
| 4 | SE Mean | 1.0 |
| 5 | T-Value | 110.5 |
| 6 | P-Value | 0.0 |

The p value is 0.0 i.e. less than 0.05. It is critical at this point to realise that we have proven the null hypothesis to be incorrect and alternate hypothesis is correct. We can state that there is significant effect of learning environment and available resources on students training. This results explains that the significant effect of learning environment and available resources on students training by using the latest techniques. The use of ICT produce a fruit full effect on the learning and training of the students. In different private sectors students pay high fees for gaining fruit full effect but those students who cannot afford such facilities they face towards the public sector so now if the same strategies will use for teaching in both type of sectors by this way no one deprive from the modest technologies.

TABLE FOR HYPOTHESIS III:

| S.No | PARAMETERS | VALUES |
|------|-----------------|--------|
| 1 | N | 15 |
| 2 | Mean difference | 59.2 |
| 3 | St Dev | 4.7 |
| 4 | SE Mean | 1.21 |
| 5 | T-Value | 48.7 |
| 6 | P-Value | 0.00 |

The p value is 0.0 i.e. less than 0.05. It is critical at this point to realise that we have proven the null hypothesis to be incorrect and alternate hypothesis is correct. We can state that there is

significant effect of curriculum changes on teachers' training. This hypothesis directly interprets the necessity of teacher. Not only the students, has teachers also required the specific environment and resources for learning and training that make them professionally skilled person.

V. CONCLUSION

The journey of research is concluded with this positive thinking that education is a vast field, like other subjects it also need changes according to the need and demand of the customer. This project is not a single one which works to find out the relationship among teachers and students, many other projects are also going to work as same but the different thing is the subject specification, this work is only applicable for 4 years B.Ed program that has not introduced before past few years ago. In this project it has been found that the training resources, learning environment, new methodologies and curriculum design is advantageous for both teachers and students that produce a strong interaction among them.

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