

The Role of Teacher's Training Model and Technological Approach to the Improvement of Teachers' Professionalism

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Abstract—Professionalism of teachers has developed due to the current development. It is very significant because it reflects to the result of education. The purpose of this study is to explore model in teacher's training and also to observe the role of technological approach in improving teachers' professionalism. This study uses qualitative research and developmental research. In qualitative, questionnaire is applied while in developmental research, observation is implemented.

This study has shown that teacher's training is an effective way in improving teacher's education in having various teaching. Moreover, the role of technology applied in teaching has also adjusted the development of modern teaching. Based on the study result, it shows that teacher's training model and technology approach have significant effect in improving professionalism of teachers.

Keywords: *teacher's training model, technology approach, teacher's professionalism*

I. INTRODUCTION

One of the most important concerns all over the world is no doubt "Education." No matter who we are, or what profession we perform, we have things to say about this important issue. Education is a systematic and scientific process of providing knowledge, skills and experiences to develop a human force as per requirements of society. In education, teaching is an activity aims at bringing about meaningful learning through a method that is morally and pedagogically acceptable. Teaching is highly complex activity because teaching is a social practice, that takes place in a specific context (time, place, culture, socio-political-economic situation etc.) and therefore reflects the values of that specific context.

Teaching requires an unnatural orientation toward others and a simultaneous, unusual attention to the "what" of that which they are helping others learn. Although teachers should be people who enjoy and are skilled with ideas, texts, and learning, their primary responsibility is to see the content from others' perspectives—in Gilbert Highet's (1966) terms, to "think, not what you know, but what they know; not what you find hard, but what they will find hard" (p. 280).

The impact of education is unquestionable, but another important concern is related to the teachers in these educational systems. The impact of any educational system can only be as powerful and effective as the teachers or the educational leaders who actually perform this profession. The lives of all learners are shaped by the teachers. A teacher can easily become an educational leader; can create positive change in the classroom and in the lives of his/her students and can shape the environment, or even the future of the country. On the other hand, a teacher can also ruin the lives of individuals.

II. REVIEW OF RELATED LITERATURE

Teachers must enable others to learn, understand, think, and do. That teachers can themselves do all of these things is not enough to help them help others learn. Teaching involves identifying ways in which a learner is thinking about the topic or problem at hand, to structure the next steps in the learner's development, and to oversee and assess the learner's progress (see Ball & Forzani, 2007; Cohen et al., 2003). In the case of teaching in school, this work is further complicated by the reality that teachers are responsible for many individual learners' growth while working simultaneously with many learners, in batches. It involves a teacher, a learner, content in form of knowledge facts information and skill to be imparted a deliberate intention on the part of the learners to learn, and finally a method that respects the learners' cognitive integrity and freedom of choice.

Moreover, teachers are among the key guardians of education. It is vital that teachers' voices are the driving force for educational improvement and development, particularly at a time when the education system faces so many challenges and conflicting pressures.

Teacher is fundamental part in teaching and absolutely teacher must be supported by good skill mastery and professionalism. Great teaching has long been seen as an innate skill. But reformers are showing that the best teachers are made, not born. The ability required to the teachers have been various by the change of the age. And the change of the age makes different teacher's role and educational paradigm. It means that the teacher's role is no more only than teaching students, they should do something others.

Traditionally, teacher's role was "Knowledge deliver". However, in the future, teacher education program needs to be changed. Due to the current development, teachers are required to be more professionalism in exploring the method in teaching in order to reach the target of education. Teacher professionalism is about exercising judgement on curriculum, assessment and pedagogy. The teacher needs to be more stronger and effective in developing education program. Teachers and schools need to keep up with the recent developments in the field of teacher education and training in order to be able to improve their programs and the quality of teaching and learning process. Teacher's training is a train or extra education conducted by the teachers in improving or developing teachers' education. Teachers' education need to be renewed and recharged.

Teacher professional development plays an important part in improving teaching practices. If teachers are not getting the professional development that they require from their school, school board, or province, they are at a disadvantage when it comes to improving their teaching practice. Teacher professionalism is about exercising judgement on curriculum, assessment and pedagogy. Therefore, teacher needs to sharpen the knowledge, method, strategy and approach in the teaching learning process through teachers' training. The broad purpose of any training program is to change attitudes, behaviors or skills in a way that positively impacts performance results.

Beside teachers' training, based on the curret development, technology is one of significant aspect in education. Technology and education are a great combination if used together with a right reason and vision. Technology improves education to a great extent and it has now become a need for revolutionizing education for the better. Moreover, technology also improves student learning outcomes and handles the teaching learning process more effective and efficient so long as such tools are integrated thoughtfully into teaching and learning.

Therefore, this study aims to observe some models applied in teachers' training and the role of technology in improving teachers' professionalism.

III. RESEARCH METHODOLOGY

This research was a single case study, which applied a qualitative research design. It has a natural setting, as the direct source of data and the researcher is the key instrument. A descriptive qualitative method is one of which is used to describe situations, events or occurrence, so that this method is intended to the basic data.

The researcher observed some teachers' training conducted by the teachers' combined by the involvement of technology and finally the professionalism was observed from the questionnaire handed to the school principals and students.

IV. Results and Findings

In finding the result of this study, the researcher concerned to a theory about education paradigm (Kim, 2000).

	knowledge		knowledge
2	Purpose of education	Acquiring knowledge	Applying knowledge Utilizing knowledge
3	Content of education	Propositional knowledge Abstract knowledge	Practical knowledge
4	Method of education	Teacher as a 'Knowledge deliver' Teacher-centered teaching Lecture method instruction	Teacher as a 'Guide' Student-centered learning Discussion courses

From the theory, it can be said that teacher's training must be adjusted due to the current development. The role of teacher is not only as the knowledge deliver, however, the students' participation is much needed since the teacher should just be the facilitator.

The result of this study shows that the teachers' training programs equip the teachers with latest content knowledge, modern methodologies, use of advance technology or other aspects of academic or administrative nature, so that they may fulfill their responsibilities to the fullest satisfaction of students, parents, society and above all their personal satisfaction as a teacher, guide and facilitator.

It is believed that the result of these training programs, teachers utilize their updated knowledge, experience, practices and well managed strategies to satisfy the challenging demands of their profession. If the teachers are properly educated, rightly guided, well trained and motivated, give better performance in and outside the classrooms. Without effective instruction and communication, a teacher cannot accurately deliver the subject content to the students, who in turn cannot correctly understand and reply in the class, nor write on the answer sheet, so the whole process of teaching and learning is sabotaged by ignoring and not properly addressing this one aspect of "effective interaction in the class between teachers and students". And automatically, by exploring new method or strategy in teaching and pedagogical content, having high teaching performance, teachers will have professionalism as his title.

Moreover, after observing some teachers' training participated by the sample teacher, the result shows that technology is applied in every teachers' training. It means that teachers' training also cannot be separated by the application of technology. In other words, technology is an important factor in teaching-learning process and let the teacher be professional.

In this high technology era, it is impossible for the teacher to teach without any mastery of technology. Technology assists the teachers' teaching effectively. In teachers' training, teachers are supervised in applying the method, strategy, and approach in teaching learning process through the using of technology. Technology is also applied as media and learning facilitation. Technology has been integrated with education. Class can be conducted by online program and they can search and get more information

No.	Aspects	Traditional Education Paradigm	New Education Paradigm
1	View of	Absolute knowledge	Relative

by technological devices. In other words, the role of technology is significant in reaching the target of the teaching-learning process.

V. DISCUSSION

It has been clear that teachers' training and technology influence the teachers' professionalism. Teachers' training participated by the teachers develop and improve teachers' education. However, this result will be effective if it affects students' achievement because the final target is whether knowledge obtained from the teachers' training and the application of technology can improve students' achievement.

Teachers' training can improve students' achievement as long as the teachers can apply the knowledge well and accepted easily by the students. While technology can improve student achievement, so long as such tools are integrated thoughtfully into teaching and learning. When digital capabilities (such as engaging online environments, access to a wide array of resources, and interactivity) are incorporated meaningfully into instruction, students have new opportunities to learn. And finally the teacher can be titled professional based on the students' outcome.

VI. CONCLUSION

The purpose of this research is to observe the significance role of the teachers' training and the influence of technology toward the teachers' professionalism. Based on the study result, it can be concluded that teacher's training is effectively significant to development of teachers'

professionalism. Moreover, technology which is also applied in teachers' training increase teachers' professionalism significantly due to the current development which cannot be separated from technology.

In conclusion, teachers' training is an effective way in renew and develop teachers' theoretical and practical knowledge. Or in other words, teachers' training assists teacher in building confidence, knowledge, self-grooming, and skills. And the beneficial role of technology that is known keen by the students in its application, has assisted the development of teachers' professionalism because it directly support the curriculum objectives being assessed through technology, it also provides opportunities for students to design and implement projects that extend the curricular content being assessed by a particular standardized test and provide effective professional development for teachers on the instructional integration of technology.

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