

Role of Professional Competency for the Development in Education in New Challenging Situation

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Abstract: Education is the base for the development of society, human beings culture etc. Society is not constant. It is dynamic and there is changes time to time according to the need of society. As we see during pandemic covid 19 situation, there was a immediate change in the society and for this reason change in education is required also. It demanded in the professional competency in education for fulfilling that situations demand. So, it is very important for the teacher and also for teacher educator to be professionally competent. In this paper the need of professional competency and meaning of professional competency in education for teachers and teacher educators are explained.

Keywords: Professional Competency, Digital competence, Teacher educator, New Education Policies

I. Introduction

Several forms of technology, gadgetry, medicine, weaponry, and so on have all been created by man. Yet there is something more important than any innovation, since without it, no invention is even conceivable. What we're doing here is teaching. Getting a good education is the foundation upon which innovation may be built. A person is a lifeless thing that may be made alive via education. It teaches a man the morals, values, traditions, and feelings that earn him a place of honour in society. A man's education begins in the womb and continues all the way to the grave (Aisah & Permana, 2022). The most important thing you can do for yourself is further your education. In doing so, it educates and equips people to improve their health and quality of life. It's a source of data, ideas, and inspiration that helps develop both competence and originality. It details the responsibilities and freedoms that come with being a citizen of a certain country. Through this lens, you can view the globe and your country for all they're worth. Awareness of global issues is raised via learning. It strengthens the ability to challenge discrimination, brutality, bribery, and other societal ills. Knowledge is disseminated and reasoning and decision-making skills are honed via the educational process. Because of this, kids develop a deeper sense of self-awareness and a more nuanced view of the world. Lifelong learning of a high standard is now a realistic prospect (Ali et al., 2012). A well-rounded education is essential to a happier, healthier, and more peaceful existence. To put it simply, it gives people a new lease on life and renewed confidence in themselves. It improves people's lives on a personal level as well as on a societal level. As a result, there is no way to be ignorant of the value that education provides to individuals and communities. Beautifully remarked by Nelson Mandela, "Knowledge is the most potent weapon to change the world". To clarify, it is the bedrock of society that fosters material well-being, interpersonal harmony, and institutional security (Anif & Sutopo, 2017). It allows individuals to get their voices heard and display their true abilities. Participation by the general public in the decision-making process is bolstered, which is a key aspect of a healthy democracy. It's a unifying factor in establishing a sense of community and national pride (Bocar, 2015).

II. Classification of Professional Competencies for teachers and teacher educators

The success of educational initiatives in any nation is contingent on the presence of teachers who are equipped with scientific knowledge and professional expertise. Researchers in the field of education have conducted a large



number of studies in an effort to identify the qualities that define a good teacher and an effective classroom setting. They have also categorised these qualities according to a variety of criteria; however, these studies have not been consistent or applicable. Each of these categories focuses on a certain facet.

(Selvi, 2010) described that teacher's competencies influence their beliefs, actions, communication, goals, and practises in the classroom, as well as their professional development and curricular studies. Teacher's competencies should be examined on a regular basis in tandem with modifications and reform studies conducted via scientific investigations. Teacher's primary responsibility is to implement changes in the educational system and they must deal with any changes properly. The researcher described the professional competencies of teachers in nine areas of competency i.e. lifelong learning competencies, environmental competencies, field competencies, research competencies, social and cultural competencies, communication competencies, ICT competencies, emotional competencies and curricular competencies. (Mustafa, 2013) performed study on differences in professional competence among Indonesian high school teachers. The findings demonstrate that professional abilities are typically at an average level. The findings demonstrate that there is a substantial difference in professional competence mastery between female and male instructors. Moreover, the statistics demonstrate that there is a considerable difference in mastery of professional competence between more experienced and less experienced instructors. The consequence is that any programme operated by schools or the ministry of education to improve the professional competence of teachers should take into account the teachers' backgrounds to ensure its efficacy. Canadian Science and Education Centre. Competency, according to the researcher, is the mastery of educational fundamentals, including vision, purpose, and educational goals, as well as national educational standards, curriculum creation strategies, classroom management, and the capacity to utilise media and educational resources.



Figure 1. Professional competencies according to Selvi (2010)

(Joseph, 2013) a study on the "Teacher Effectiveness and Professional Competency among Higher Secondary School Teachers in Kottayam, Kerala" was undertaken. Professional competency was defined by the researcher as proficiency in activity-based teaching and challenges, proficiency in a child-centered approach, proficiency in teaching-learning and how it is demonstrated, proficiency in evaluation techniques, and proficiency in implementing novel strategies. Shivdutt Urmirla, M. C. (n.d.) performed research on "A study of professional competence and professional ethics of preservice and in service teachers in Mumbai". Five professional



competencies i.e. content knowledge, communication skills, teaching methods, assessment, and problem-solving were outlined in the research. (Firetto, 2021) the professional competencies of teachers consist of five areas of competency i.e., Competency in activity based teaching & hurdles, competency in child centred approach, competency in teaching-learning & their display, competency in evaluation techniques, competency in adopting novel strategies.

After researching ideas in this sector, the authors of this work decided to provide a practical classification and assess teachers' professional competencies based on it. The classification is as follows:

Teaching and assessment competencies- Teacher educator's teaching competency refers to the collection of knowledge, abilities, and attitudes that enable them to successfully educate and train future teachers. This includes their capacity to design interesting and effective courses, use a range of instructional methodologies, evaluate student learning, offer feedback and assistance to students, and foster a good and inclusive learning environment (Hipkins & McDowall, 2013).

Social, cultural, and emotional competencies- The capacity of teacher educators to understand, respect, and work successfully with persons from varied social, cultural, and emotional backgrounds is referred to as their social, cultural, and emotional competency. Teacher educators' social, cultural, and emotional competence is crucial for educating future teachers to interact successfully with various groups of children, families, and colleagues. Teacher educators who possess these qualities may establish inclusive and supportive learning environments that enhance student achievement and well-being (Horokhivska, 2019).

Research competencies- Teacher educators' research competence refers to their capacity to develop and conduct high-quality research projects that enhance the profession of education. Teacher educators' research competence is significant because it helps them to contribute to the growth of the field of education while also informing their teaching practises with evidence-based ideas (Ilanlou & Zand, 2011). As a result, their attempts to promote student learning and achievement are aided.

Digital competencies- Teacher educator's digital competence refers to their capacity to successfully utilize technology and digital resources to promote teaching and learning. Teacher educators' digital proficiency is critical in today's increasingly digital society, as technology plays an important part in both teaching and learning. Teacher educators with high digital competences may assist equip future teachers to utilize technology successfully in their own classrooms (Martubi et al., 2019).

III. Importance of Professional competency in education

Professional competency ensures that educators possess the necessary skills, knowledge, and experience to provide quality education to their students. Teachers who are competent in their field can effectively engage their students, create meaningful lesson plans, and deliver the curriculum in a way that meets the diverse learning needs of their students. Professional competency builds credibility for teachers and educational institutions. It establishes a reputation of excellence, expertise, and proficiency in the field. This helps to attract students, parents, and other stakeholders, and promotes the reputation of the educational institution. Professional competency is often a requirement for educational institutions to be accredited by regulatory bodies. Accreditation ensures that the institution meets the standards set by the governing bodies and provides quality education to its students (Pauley, n.d.).

Developing Future Professionals: Professional competency in education is crucial in developing future professionals. Teachers who are competent in their field serve as role models for students, inspiring them to pursue careers in education or related fields. This creates a pipeline of skilled and qualified professionals who can contribute to the growth and development of the education sector (Perveen, 2022). Ultimately, the goal of education is to improve student outcomes. Professional competency plays a critical role in achieving this goal. Teachers who are competent in their field can effectively assess student needs, identify areas of improvement, and



provide the necessary support and guidance to help students achieve their full potential (Quoc Chung & Thi Dieu Thuy, 2017).

IV. Professional competency and teachers

Professional competency ensures that teachers possess the necessary skills, knowledge, and experience to provide effective instruction to their students. Teachers who are competent in their field can engage their students, create meaningful lesson plans, and deliver the curriculum in a way that meets the diverse learning needs of their students. Professional competency is essential for teachers' professional development. Teachers must continually update their skills and knowledge to stay current with the latest pedagogical approaches and technological advancements (Supriyanto et al., 2019). Professional competency enables teachers to pursue professional development opportunities that enhance their skills and expertise. Professional competency builds credibility for teachers. It establishes a reputation of excellence, expertise, and proficiency in the field, which helps to attract students, parents, and other stakeholders and promotes the reputation of the educational institution. Ultimately, the goal of education is to improve student outcomes (TSVETKOVA, 2016). Professional competency plays a crucial role in achieving this goal. Teachers who are competent in their field can effectively assess student needs, identify areas of improvement, and provide the necessary support and guidance to help students achieve their full potential.

Professional competency is often a requirement for teachers to comply with regulatory and professional standards. This includes obtaining and maintaining teaching certification, meeting accreditation requirements, and adhering to ethical and professional standards in the classroom.

In summary, professional competency is essential for teachers to provide effective instruction, continually develop their skills and knowledge, build credibility, improve student outcomes, and comply with regulatory and professional standards (Xuan Hai, 2017).

V. Professional competency and teacher educators

Teacher educators play a crucial role in preparing future teachers to be competent in their field. They must have a deep understanding of the content they teach, as well as effective teaching strategies, instructional design, and assessment. Professional competency allows teacher educators to impart this knowledge to their students in a way that is meaningful, relevant, and engaging. Teacher educators must model best practices in their own teaching to provide a positive example for future teachers. Professional competency ensures that teacher educators stay up-to-date with current trends and best practices in their field, which they can then incorporate into their teaching and pass on to their students. Teacher educators often serve as mentors to their students, providing guidance and support as they progress through their studies and into their teaching careers (Yakovchuk, 2017). Professional competency allows teacher educators to provide meaningful and relevant advice to their students based on their own experiences and expertise. Teacher educators have a direct impact on the quality of teachers entering the profession. Professional competency allows them to impart the necessary knowledge and skills to their students, preparing them to be effective teachers who can positively impact student learning.

Professional competency enables teacher educators to contribute to the profession by conducting research, developing new approaches to teaching, and sharing their expertise with colleagues. This helps to advance the field of education and ensure that future generations of teachers are well-prepared to meet the evolving needs of students and society (Zhao et al., 2021).

VI. Conclusion

In summary, professional competency for teacher and teacher educators means combination of teaching and evaluation competency, social, cultural and emotional competency, digital competency and research competency. Professionally competent teachers are the requirement for the development of school students. It is crucial for teacher educators to prepare future teachers, model best practices, mentor future teachers, improve teacher quality,



and contribute to the profession of education. So, teachers and teacher educators plays important role in the development of education of the country.

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