

Pedagogical and Assessment Practices towards Competence Based Education in Tanzania Teacher Colleges.

Abstract

The study sought to investigate the pedagogical and assessment practices to enhance Competence Based Curriculum in Tanzania Teacher Colleges. Specifically, the study explored the expected competences in teacher education curriculum, examined the competence based teaching techniques used by tutors in Teacher Colleges and evaluated the tools used by tutors to assess the mastery of competences in Teacher Colleges. The study was conducted in two Teacher colleges in Mbeya Region. A qualitative research approach and descriptive survey design were employed in which data were collected through questionnaires, semi-structured interviews, and focus group discussions from 50 respondents sampled purposely from curriculum practitioners in Teacher Colleges. Questionnaire data were subjected into Statistical Package for Social Sciences (SPSS) software version 20 to get frequencies and percentages then supported by verbatim quotes from interview and thematic paraphrase from Focus Group Discussions. The results indicates that, most of the tutors were aware of the competences to be developed to students and the competence-based teaching and learning techniques in their respective teaching subjects as prescribed in the teacher education curriculum. However, such tutors rarely employed the competence-based teaching and learning techniques in their lessons which hamper the development of the intended competences in the teacher education programme. Therefore, the study concludes that, since the river cannot flow higher than its source, tutors understanding of the intended competences and the competence-based teaching and learning techniques without actual use of such techniques does not impact on the preparation of the competent teachers required to implement competence-based curriculum inschools. From this conclusion, it is recommended that, in-service training for Competence-based teaching should be conducted to all tutors and Management of Teacher Colleges. The practical interview should be conducted to the applicants for tutorship in Teacher Colleges instead of relying on direct placement from University graduates or transferring teachers from schools to Teacher Colleges basing on their level or years of experiences. In the light of the findings and conclusion of this study, further study may be conducted on developing measuring scales for competence development in teacher education.

Keywords: Pedagogical, Assessment, Competency-Based teaching, and Teacher Colleges

1. Background to the problem

In a modern industrial society, education and professional qualifications can no longer be described according to a rigid standard of knowledge in a specific subject based from onegeneration to another (Hartig, Klieme, &Leutner, 2008).Thus, the shift from a Content-Based Curriculum to a Competency-Based Curriculum in Tanzania in the early 2000s can be described as a result of both national and global influences. Hartig, Klieme, and Leutner, (2008) maintain that building competences have been identified as the main objective of education systems and are a driving force for the shift from knowledge acquisition to knowledge application. Knowledge acquisition focused on a narrow set of academic outcomes and fails to recognize that a student's success is dependent on a full range of foundation skills, including social-emotional and the application of skills (Mosha, 2012, &Mkonongwa, 2018). In such a regard, the change

from a content-based curriculum to a competency-based curriculum is thought to be more relevant to the current market demand (Moshia, 2012).

Studies (see for example Rutayuga, 2014) maintains further that, the competency-based curriculum has significance in the development of science and technology as it produces graduates who are more competent as per employer's requirement. This signifies that competency-based teaching emphasizes the development of competences to learners instead of grades and focuses on the real-world aspect of applying the knowledge rather than just on the ability to recall the knowledge (Drisko, 2014). Thus, it limits the traditional methods of teaching and learning and assessments, and the roles of teachers have changed to competency-based assessment in order to incorporate outcomes-based learning rather than a theoretical understanding of concepts (Hartig, Klieme, &Leutner, 2008; Kafyulilo, Rugambuka, & Moses, 2013; &Mkonongwa 2018).

A study by Idrissi, Hnida and Bennani (2016), defined Competency-Based Assessment (CBA) as the measure of a learner's competency against a standard of performance. In such regard, a competency-based curriculum requires multiple ways of assessing learners in order to determine their competences (Mkonongwa, 2018). To implement these changes, it is necessary that all teachers become knowledgeable and equipped with new alternative approach to assessments as the implementation of a Competency-based curriculum, depends on the teacher's ability to prepare and carry out teaching-learning activities effectively (Nzima, 2015 &Mkonongwa, 2018). This indicates that, for a successful implementation of a competence based curriculum, a school should have qualified teachers with sufficient and appropriate knowledge and skills (Moshia, 2012).

It appears that the need for changes in the instructional and assessment approach, calls for the need to equip teachers with the necessary competences for handling new teaching-learning processes (UNESCO, 2007). Teacher Colleges as training institutions responsible for preparing teachers should focus on learning outcomes to constantly improve the academic programs to meet the labor market demands. Thus, the assessments of students should focus on collecting evidence about the everyday progress of their learning and provide them with information about the teaching and learning processes (Ions, Cano & Cabrera 2016).

In this light, tutors should understand the competences intended to be developed for student-teachers, teaching and learning techniques as well as the use of different assessment tools necessary for teaching and learning processes to determine pre-service teachers' mastery of competences. Studies show further that students' mastery of competency needs to be assessed more than one time with the use of multiple assessment methods including multiple-choice, tests, performance-based real-world assessments, portfolios, and projects (Drisko, 2014). In this sense, formative assessment is a key strategy for improving the quality of teaching and learning processes in Teacher Colleges since it allows student-teachers to be assessed as tutors continue to teach.

Furthermore, the use of multiple assessment methods allows student-teachers to reflect, regulate and monitor their learning progress, evaluate their own learning and get feedback (Losioki, 2018). In the same light, tutors need to consider students' assessment as an ongoing process in which their competences are continuously built and assessed, and are expected to be observed as employed. The ability of students to think and act in terms of relevant competences that are

aimed at preparing students who are confident, critical, creative, and innovative thinkers depends largely on assessment methods employed by Tutors (Losioki, 2018). It appears that, classroom teaching should shift from being centred on lectures. Pencils and paper tests because what is important in the competency-based assessment is that, a learner should be practical and promote the subject of their own learning (Murioz & Araya, 2017).

However, despite seventeen years of implementing a competency-based curriculum in Tanzania, recent pieces of literature (See for example Edson, 2016; Lupeja, 2021) state that the practice of learner assessment from primary to secondary schools has remained of passing examinations. Student assessment is still taken as the stepping stone for formal employment and not the means of equipping useful and applicable competences to a learner's life. It seems that till today, the focus of classroom teaching and learning processes remained the same, enabling students to memorize the facts taught and reproduce them in examinations to qualify for further studies and formal jobs. It has been observed further that, the majority of teachers have a narrow understanding of competency-based curriculum and poor pedagogical skills due to little or no training on competency-based curriculum, hence, the use of traditional methods of teaching and assessment is still dominant (Edson & Shawa, 2021; Lukindo, 2016; Komba & Mwandangi, 2015; Kafyulilo, Rugambuka & Moses 2013; Mosha 2012; and Wrag, 2004). This suggests that teachers in both primary and secondary schools are not implementing a competency-based curriculum.

Similarly, Nzima (2016) maintains that teachers' instructional practices can easily be described as teacher-centered and theoretical based instructions rather than learner-centred as the new curriculum emphasizes. He added that, the lecture method-dominated instructional characteristics by strong framing and classifications. The study by Makunja, (2015) notes that the majority of teachers lacked the requisite knowledge for implementing a competency-based curriculum during the teaching and learning process. Kafyulilo *et al*, (2013) observed further that, pre-service teachers perceived their understanding and ability to implement competency-based teaching approach as high, but during interviews, it was revealed that, they had difficulties in explaining some competency-based concepts. This gives the view that pre-service teachers had an inadequate understanding of the competence curriculum. Moreover, it was noted further that competency-based teaching approach are not well implemented in Tanzania schools and more efforts need to be devoted to the development of teachers.

A study by Rutayuga (2014) observed that the weakness of CBT in Tanzania is the competency of teachers. The preparation of teachers to take off this kind of system is not adequately done. He added that the way teachers teach and assess the competences of their students is problematic as they teach somehow competence-based and somehow knowledge-based; so, it is confusing. This infers that, though teachers who are the key implementers of curriculum seem to have inadequate knowledge and skills in competency-based curriculum and assessment. Consequently, it can be interpreted that, the teaching is teacher-centered thus, students are not engaging in learning activities. It is likely that teachers are not practicing for students' assessment as opposed to social constructivism learning theory. As long as Teacher Colleges prepare both primary and secondary school teachers, this paper seeks to investigate the current practices and prospects of competency-based teaching in Tanzania Teacher Colleges.

2. Theoretical Underpinning

The change from traditional teaching to competency-based teaching meant that teachers must make important paradigm shifts in their views of knowledge and learning, and re-think their current teaching strategies in light of these new ideas (Bada 2015 & Berry, 2005). In this regard, the current study is guided by the social constructivism learning theory that insists students to engage in the process of teaching and learning and construct their own competences. Berry, (2005), states that, for students to be actively engaged in creating their own understanding, they must learn to be critical assessors who make sense of information, relate it to prior knowledge, and use it for new learning. Woolfolk (1993:485) as cited in Tam, (2000), the key idea of constructivism is that, students actively construct their own knowledge: the mind of the student mediates input from the outside world to determine what the student will learn. Similarly, Tam (2000) argues further that, constructivism assessment gives students' ownership of what they learn, since learning is based on students' questions and explorations, and often the students have a hand in designing the assessments as well. To improve the teaching-learning process, tutors should use formative assessments to provide frequent feedback to both tutors and students. Therefore, a competency-based curriculum has created room for active learning that requires the use of formative assessment in which both the assessment methods and the teaching strategies are student-centred to enable them to construct their understanding.

3. Material and Methods

The study employed a qualitative research approach with the use of a descriptive survey design and three data collection methods namely: questionnaire, interview and Focus Group Discussions. The purpose of using multiple data collection methods was to enhance validating of the findings from different categories of respondents and methods (Kroll & Neri, 2009). A total of fifty (50) respondents from two Teacher Colleges were sampled purposely basing on their roles and positions in curriculum implementation. Questionnaires were administered to thirty (30) experienced tutors and twenty (20) Diploma students. Similarly, a semi-structured interview was scheduled with Academic Coordinators and Quality Assurance Coordinators, and focus group discussions were held with students to get more insights on the implementation of Competency-based teaching in Teacher Colleges. Finally, data were analyzed through the use of Statistical Package for Social Sciences (SPSS) software version 20 to make frequencies and percentages and content analysis accompanied with verbatim quotes. For ethical consideration, a research clearance letter was sought from the Regional Administrative Secretary who introduced the researcher to the District Administrative Officers to the district where the colleges belongs. Further, the District Administrative Officers introduced the researcher to the Teacher College Principals. Principals were informed on the purpose of the study and requested their concert then introduced the researcher to the sampled respondents. The respondents were supplied the respondents' concert form in which those who signed for acceptance and returned their forms were involved in the study. The identities of the respondents were treated anonymously and the collected data, were used for this research purpose only.

4. Findings and Discussion

The findings and discussions are presented based on the specific objectives of the study as indicated below:

5.1 Tutors' understanding of Competences in Teacher Education Curriculum

The study explored tutors' understanding of the competences intended to be developed to students in Teacher Colleges. The understanding was measured through rating their responses against the competences of the three subjects taught extracted from Computer Science Pedagogy, Communication Skills, and Education Studies curriculum. There were three options against each competence: disagree, undecided and agree, in which each respondent was to tick against one option. Out of 30 tutors sampled and supplied with questionnaires for the study, 29 (96.7%), responded in this item while one skipped it. The results are presented in Table 1.

Table 1: Tutors' understanding of competences of the respective subject (n=29)

<i>Competences (Computer Science Pedagogy)</i>	<i>Frequency and Percentage (%)</i>		
	Disagree	Undecided	Agree
Analyze and interpret correctly ICS curriculum materials for teaching and learning in ordinary-level secondary schools	1(11.1)	1(11.1)	7(77.7)
Apply learner-centred approach, strategies, and techniques in teaching and learning ICS to learners including those with special needs	1(11.1)	1(11.1)	7(77.7)
Use ICT resources and technology for effective teaching and learning of ICS	-	2(22.2)	7(77.7)
Use appropriate assessment tools for effective assessment of students' performance in ICS;	2(22.2)	1(11.1)	6(66.6)

<i>Competences (Communication Skills)</i>	<i>Frequency and Percentage (%)</i>		
	Disagree	Undecided	Agree
Interpret written and spoken discourse	-	1(25.0)	3(75.0)
Make effective oral presentations	-	2(50.0)	2(50.0)
Use study skills to gather information	-	1(25.0)	3(75.0)
Write good essays, letters, CVs, minutes, memos and reports	-	2(50.0)	2(50.0)

<i>Competences (Education Subject)</i>	<i>Frequency and Percentage (%)</i>		
	Disagree	Undecided	Agree
Apply knowledge of basic concepts in psychology, educational psychology, guidance and counselling in teaching and learning;	-	3(18.8)	13(81.2)
Apply curriculum theories in planning, implementation and evaluation of school curriculum;	-	2(12.5)	14(87.5)
Translate philosophical contributions of distinguished philosophers into day-to-day educational professional practices; and	-	5(31.2)	11(68.8)
Demonstrate organizational, leadership, and management skills in educational training	-	4(25.0)	12(75.0)

The analysis of the finding in Table 1 indicates that the majority of tutors had an understanding of the expected competences as described in the syllabus based on the respective subjects they teach. For example, nearly 74.9% of tutors teaching Computer Science Pedagogy subject and 62.5% of tutors teaching Communication Skills seem to have an understanding of competences. It was observed further that, 78.1% of tutors demonstrated an understanding of the competences taught in Education Subjects.

Tutors' understanding of the competences taught to the specific subjects was also confirmed by tutors' comments in the questionnaires as one the tutor teaching Computer Science pedagogy commented that:-*'other competences taught in this subject include; student-teachers ability to use computer knowledge and skills in preparing lessons and apply it in teaching and learning process....use computer tools to keep students' records and personal learning'*. Another tutor of Education subject added that:-*"Apart from that, other competence we develop to our students is to apply curriculum and teaching knowledge and skills to prepare and use various teaching and learning methods and assessment tools in teaching and learning"*.

The quote above justifies that tutors were not only able to rate the competences as shown in table 5:1 but also mentioned other competences taught to the subjects they teach. This demonstrates that; tutors had an understanding of the competences taught in Teacher Colleges as described in the syllabus of the respective subjects. In researchers' own views, tutors' understanding of the competences appears to be one of the crucial factors in implementing a CBT. Understanding the competences provides a great opportunity for tutors to select appropriate teaching and learning techniques and assessment tools that engage students in the learning process.

Similarly, the findings in table 1 indicate further that 11.8% and 13.8% of tutors teaching Computer Science Pedagogy disagreed and were undecided towards the described competences, while 37.5% of tutors of communication skills and 21.9% of tutors teaching education subjects were undecided with the competences to the subjects they teach. This show that, some tutors were not aware of the competences of the subject they teach and had no access to the subject syllabus. This was also observed in one of the tutors' comments on other competences of the subjects when one of the tutors mentioned; *"Remembering, understanding, applying, evaluating and creating"* as other competences for communication skills.....and another tutor mentioned *'cooperative learning, collaborative skills, affective domain and, the cognitive domain'* as other competences of education studies.

The mentioned competences from the above quote, were contrary to what has been described in the syllabus of the particular subjects. The findings imply that despite the majority of tutors having an understanding of the subjects they teach, few were not aware of the competences taught in different subjects they teach. This can be described as one of the reasons for some of the tutors to remain using teacher-centred approach in teaching and learning processes as the selection of appropriate teaching and learning techniques depends largely on teachers understanding of the intended competency.

The findings on tutors' lack of understanding of the competences of subjects they teach are in line with Rutayuga (2014) who asserts that, the way teachers teach and assess the competences

of their students is problematic as they teach somehow competence-based and somehow knowledge-based; so, it is confusing. For effective implementation of CBT tutors should understand the competences of the subject they teach as described in the syllabus. This will help them to have a clear link among the competences taught, proper use of teaching and learning techniques, and the selection of suitable assessment tools that measure the intended competency skills and knowledge of the specific subject.

4.2. Teaching and learning Techniques used by Tutors to implement CBT

The current study also examined the teaching and learning techniques used by tutors to implement CBT in Teacher Colleges. Tutors and students were supplied with questionnaires to rate the extent in which tutors use competence based teaching and learning techniques towards competence development to students. There were three options: Never, sometimes and always against each of the competence based teaching and learning techniques extracted from literature review. The results from tutors and students are presented in Table 2 and 3 respectively.

Table 2 Tutors' responses on Techniques frequently used to implement CBTL (n=30)

<i>Techniques</i>	<i>Frequency and Percentage (%)</i>		
	Never	Sometimes	Always
Individual assignments	-	1(3.3)	29(96.7)
Group work	-	5(16.6)	25(83.3)
Lecture	1(3.3)	21(70.0)	8(26.7)
Role-play	3(10.0)	18(60.0)	9(30.0)
Library search	-	14(46.7)	16(53.3)
Think-Ink-Pare-Share	1(3.3)	9(30.0)	20(66.7)
Case Studies	1(3.3)	18(60)	9(36.7)
Organized classroom discussions	-	10(30.3)	20(66.7)
Gallery walk	1(3.3)	10(33.3)	19(63.4)
Brainstorming	-	2(6.7)	28(93.3)

The findings in Table 2 indicates that, tutors use case studies (60.0%) and role-play (60.0%) were sometimes used by tutors in teaching, the majority of the tutors seem to use interactive teaching and learning techniques including individual assignment (96.7%), brainstorming (93.3%), group work (83.3%), think-ink-pair-share (66.7%), organized classroom discussions (66.7%), gallery walk (63.4%) and library search (53.3%) in teaching and learning. The use of multiple learners-centred approaches imply that students were actively involved in the teaching and learning process throughout the sessions.

A subsequent interview with Internal Quality Assurance Coordinators on the use of teaching and learning techniques confirmed further that tutors used activities-based teaching and learning techniques such as group work, discussion, and presentations that put students at the centre of learning and inform students about the competency intended to be learned. He reported further that students were assigned to read textbooks and prepare their own learning materials through portfolio collection and the role of the tutor was only to guide and assist students learning. Similar findings on the use of interactive teaching techniques were also reported in a subsequent interview with one of the Academic Coordinators who commented that “*In most cases, tutors use various teaching methods like debate, interview me technique, jig saw, inside and outside the*

circle, and songs which are among of the best interactive methods of teaching and learning that develops discovery learning, creativity, innovation and create confidence to students”.

The assertion above suggeststhat the majority of tutors use teaching and learning techniques that encourage interaction between tutors and students in building the intended competency of students. The quote also give the view that the role of tutors in Teacher Colleges seems to be that of creating a friendly classroom learning environment that emphasizes collaboration and allows students to learn by sharing their ideas and experiences through reading books, discussion, and presentation. The findings concur with the study of Mkonongwa (2018), who observed that competency-based teaching should be shifted to a learner-centred approach in which the learner takes control of the learning process while the teacher becomes a facilitator of the learning process. This implies that implementing CBT requires the use of multiple interactive techniques including project work, group work, and presentation that engage many students in learning and make it easy to observe the students learning outcomes.

However, the student’s responses on techniques of teaching and learning were a little bit contrary to that of the tutors. The analysis of the findings from students’ responses suggests that, tutors always used group work (80.0%), brainstorming (65.0%), and individual assignment (50.0%) in classroom teaching as revealed in table 3.

Table 3 Students’ responses on Techniques frequently used by Tutors in T/L (n=20)

<i>Techniques</i>	<i>Frequency and Percentage (%)</i>		
	Never	Sometimes	Always
Individual Assignments	-	10(50.0)	10(50.0)
Group work	-	4(20.0)	16(80)
Lecture	4(20.0)	8(40.0)	8(15.0)
Role-play	5(25.0)	12(60.0)	3(30.0)
Library search	8(40)	8(40.0)	4(30.0)
Punctuated lecture	6(30.0)	12(60.0)	2(10.0)
Think-Ink-Pare-Share	1(5.0)	11(55.0)	8(40.0)
Case Studies	7(35.0)	10(50)	3(15.0)
Organized classroom discussions	-	5(25.0)	15(75.0)
Gallery walk	1(5.0)	12(60.0)	7(35)
Brainstorming	-	7(35.0)	13(65.0)

The students’ responses in table 3 demonstrate that, tutors sometimes used gallery walk (60.0%), think-ink-pair-share (55.0%), and individual assignments (50.0%) were not always used by tutors in teaching and learning as opposed to tutors’ responses in table 2. Students reported further that, punctuated lecture (60.0%), role play (60.0%) and case studies (50.0%) also were sometimes used in classroom teaching while some students reported that library search (40.0%), case studies (35.0%) and punctuated lecture (30.0%) had never been used during teaching and learning process.

This implies that, though tutors seem to be familiar with different competence based teaching and learning techniques, very few techniques were always used during the teaching and learning processes which might affect as well competence based teaching and learning processes in

primary and secondary schools where the graduates of Teacher Colleges are placed to teach during their Bloc teaching practice or after employment.

Moreover, the use of content teaching and learning methods in implementing competence based curriculum in Teacher Colleges does not only affect students mastering of the intended competences but also affect the attitudes of the pre-service teaching for their career and goals and objectives of paradigm shift from content to competence based education in Tanzania.

Conversely, the emphasis on using interactive teaching and learning techniques were also confirmed by students during focus group discussion in which the majority (almost 80.0%) of students reported that the use of interactive teaching and learning methods like the jig-saw method whereby they are divided into small groups and discuss the work given to them and then sharing what they have discussed to another group, make them easy to understand the competency of the subject taught. Similar comments, emphasizing the use of interactive teaching and techniques were also reported by the other students, who argued that:- *“The use of interactive methods in teaching and learning like demonstration methods is also favorable in developing competences to students because the involvement of students helps to understand and gain knowledge through their sense organs such eyes, and ears from the experienced person....”*

Another quote was given by one of the students in the focus group discussion who reported:- *“The use of debate, field practice as well as question and answer techniques encourage us to participate in learning and help us to develop critical thinking and increase confidence to us as we learn by doing or observing real things”*. Similarly, another student was quoted that:- *“In developing competence in students the use of lecture method denies students participation in classroom learning and make students cram the concept taught instead of understanding it”*.

The above interview quotes suggest that despite tutors employing few teaching and learning techniques, students are aware of other collaborative teaching and learning techniques that are essential in enhancing students' participation in learning. This was demonstrated by students' ability to mention various collaborative techniques and demonstrate how they can be used for teaching and learning in building the intended competency to students.

Notwithstanding, the findings are contrary to a study by Kafyulilo et al, (2013) who observed that; pre-service teachers perceived their understanding and ability to implement competency-based teaching approach as high, but during interviews, it was revealed that they had difficulties in explaining some competency-based concepts. In researchers' own view, less use of multiple teaching and learning techniques by tutors may cause some student-teachers to have a narrow understanding of competency-based concepts. Thus student-teachers may lack the ability to select appropriate teaching and learning techniques in building the intended competency skills and knowledge as described in the syllabus.

Similarly, inappropriate training for tutors, tutor-student ratio, and shortage of teaching and learning facilities were mentioned by nearly 65.0% of participants that, were some of the causes that hinder the implementation of CBT in Teacher Colleges. This implies that there is irregular training for tutors on CBT especially for private Teacher Colleges as the majority of tutors had never attended any training on Competency-Based Education and Training, hence they lack appropriate skills for implementing CBT. Likewise, the student-tutor ratio, and teaching and learning facilities should be improved to provide a smooth implementation of CBT in Teacher Colleges.

4.3. Assessment tools used by Tutors to assess the mastery of competences

Finally, the study evaluated assessment tools used by tutors to assess students' mastery of the intended competency. The data in Table 4 indicates that tutors always use multiple assessment tools including classroom tests (86.7%), group assignments (93.3%), classroom presentations (76.7%), individual assignments (83.3%), project works (63.4%) and written assignments (76.7%) to assess students' mastery of the taught competency. The analysis of findings shows further that tutors use weekly tests (63.3%), terminal examinations (86.7%), and national examinations (90.0%) in assessing students learning as shown in Table 4.

Table 4: Tutors' responses on assessment methods frequently used to assess students (n=30)

<i>Methods</i>	<i>Frequency and Percentage (%)</i>		
	Never	Sometimes	Always
Classroom Tests	1(3.3)	3(10.0)	26(86.7)
Group assignments	-	2(6.7)	28(93.3)
Classroom presentation	-	7(23.3)	23(76.7)
Individual assignment	-	5(16.7)	25(83.3)
Project works	2(6.6)	9(30)	19(63.4)
Written assignments	3(10.0)	4(13.3)	23(76.7)
Observation Checklist	4(3.3)	12(40.0)	14(46.7)
Oral tests	6(20.0)	15(50.0)	9(30.0)
Weekly tests	7(23.3)	10(33.3)	13(63.3)
Terminal Examinations	-	4(13.3)	26(86.7)
National examination	-	3(10.0)	27(90.0)

It appears from the findings that the majority of tutors seem to use multiple interactive assessment tools that make students perform and demonstrate the taught competency of a specific subject. Similarly, the findings indicate further that tutors also preferred most the use of terminal and National examinations to assess students' understanding of the taught competence.

Similarly, a subsequent interview with Internal Quality Assurance coordinators confirmed further that, in most cases, tutors use individual assignments, group assignments, midterm tests, and examinations to assess students' learning. However, it was reported that the use of multiple assessments in teaching and learning was not used by all tutors. Some tutors were reported to be not exposed to several assessment tools due to lack of training on CBT and for them, teaching and learning were no longer collaborative, and less use of multiple assessment tools in assessing students learning progress.

This was also observed in previous studies such as a study by Forsido (2019) who maintains that there was a huge difference among teachers teaching the same subject in assessing students' performance and the validity of the whole assessment falls under question. Being not cemented, this can cause ineffective assessment of the intended competency to students learning. In the researchers' own view, the lack of exposure to other assessment tools by some tutors may be due to the reason that not all tutors had a chance to attend training on Competency-Based Education and Training (CBET) due to lack of funds to finance the training to all tutors at once, thus they still rely on traditional assessment methods.

Furthermore, with regard to students' responses on assessment tools used to assess students' mastery of the intended competency the analysis of the findings from students' responses suggest that the majority of them had a varying response to those of tutors as depicted in Table 5 below.

Table 5. Students' responses on assessment methods frequently used (n=20)

<i>Strategies</i>	<i>Frequency and Percentage (%)</i>		
	Never	Sometimes	Always
Classroom Tests	2(10.0)	12(60.0)	6(30.0)
Group assignments	-	4(20.0)	16(80.0)
Classroom presentations	10(50.0)	7(35.5)	3(15.5)
Individual assignments	-	5(25.0)	15(75.0)
Research work project	11(65.0)	6(30.0)	3(15.0)
Classroom written assignments	3(15.0)	7(35.5)	10(50.0)
Observation Checklist	9(45.0)	6(30.0)	5(25.0)
Oral tests	13(65.0)	5(25.0)	2(10.0)
Weekly tests	7(35.0)	8(40.0)	5(25.0)
Terminal Examinations	-	2(10.0)	18(90.0)
Final examinations	-	1(5.0)	19(95.0)

Data in table 5 suggest that group assignments (80.0%), individual assignments (75.0%), classroom written assignments (50.0%), terminal examinations (90.0%), and final examinations (95.0%) were reported by students that were the dominant assessment tools always used by tutors to assess student's mastery of the intended competency. The findings in addition indicate that sometimes tutors used classroom tests (60.0%) while research project work (65.0%) had never been used by tutors to assess students learning.

The findings suggest that, though tutors seemed to be familiar with multiple assessment tools, always opted for group assignments, individual assignments, and classroom written assignments. This was opposed to CBT which emphasizes regular student assessment with the use of multiple assessment tools in teaching and learning to foster students' mastery of the intended competency. The mastery of competences develops permanently once adequate assessment activities including classroom tests, classroom presentations, research work projects, oral tests, and classroom written assignments, and exercises are offered and students are given enough time to practice knowledge and skills learned throughout the learning process.

Unlike monthly tests, terminal and final examinations give a general feedback on students' learning and understanding of the competences taught in a month, a term, or after the end of the course. In addition to that, during an interview with one of the Academic Coordinators, it was suggested that the use of the national examinations was noticed to have some weaknesses that, questions in the final examination, do not reflect the competences stipulated in the syllabus. He gave an advice that the National Examination Council of Tanzania (NECTA) which is the assessment body should assess the mastery of competences by setting the examination questions that measure the intended competency skills and knowledge.

In researchers' own understanding, depending much on the terminal and National examinations in assessing students' learning may discourage students' self-assessment and denies immediate feedback to students learning and could have negative consequences on students' mastery of the

intended competency. Competences such as “make an effective oral presentation and write good essays, letters, Curriculum Vitae, minutes, memos and reports” as described in a syllabus of Communication skills subject need to be assessed during the learning process with the use of oral tests, classroom presentation and classroom written assignments rather than terminal or final examinations as need to be observed and practiced by students during the learning processes.

As was mentioned by one of the Academic Coordinators that tutors’ and students had the mindset that, the purpose of using mid-term, terminal, mock, and pre-national examinations was of preparing students to perform well in the final examination, this should be changed to formative assessment and focus on assessing students’ daily mastery of the intended competency during teaching and learning. Tutors’ use of multiple assessment tools gives student-teachers an opportunity to be familiar with and become competent enough and apply appropriate assessment tools in the real world of work and improve the quality of teaching and learning in primary and secondary schools. This will improve students learning as the purpose of assessment should be of knowing students’ abilities in demonstrating the mastery of the learned competency, check their learning progress, and giving instant feedback to both tutors and students about teaching and learning processes. Hence producing competent graduates who fit and can compete in the current labour market demand.

The findings on the use of multiple assessment tools has been emphasized in many previous studies including a study by Forsido (2019) who maintains that using a variety of assessments allows a teacher to determine which instructional strategies are effective and can be modified during teaching and learning processes and improve classroom practices by assessing one’s own teaching practice. Thus, tutors should consider students’ assessment as an ongoing process in which their competences are unceasingly constructed and assessed, and are expected to be observed as employed.

6.0 Conclusion and Recommendations

The study sought to investigate the practice of competency-based teaching in Tanzania Teacher Colleges. The analysis of the findings indicate that, most of the tutors are aware of the competences to be developed to students and the competence-based teaching and learning techniques in their respective teaching subjects as prescribed in the teacher education curriculum. However, such tutors rarely employed the competence-based teaching and learning techniques in their lessons which hamper the development of the intended competences in the teacher education programme. The most use of content based teaching and learning techniques in the implementation of competence based curriculum violate not only the principles of constructivist theory which require learners to develop the intended competences through different competence based teaching and learning techniques, but also put at jeopardy the goals and objectives of the paradigm shift from content to competence based education in Tanzania. Therefore, the study concludes that, since the river cannot flow higher than its source, tutors understanding of the intended competences and the competence-based teaching and learning techniques without actual use of such techniques does not impact on the preparation of the competent teachers required to implement competence based curriculum in schools. From this conclusion, it is recommended that, in-service training for Competence based teaching should be conducted to tutors and management of Teacher Colleges. The practical interview should be conducted to the applicants for tutorship in Teacher Colleges instead of relying on direct placement from University

graduates or transferring teachers from schools to Teacher Colleges basing on their level or years of experiences. In the light of the findings and conclusion of this study, further study may be conducted on developing measuring scales for competence development in teacher education.

7.0 References

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