Academic Supervision for Improving Quality Education in Primary Schools of Bangladesh: Concept, Issues and Implications

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Author’s contributions

This work was carried out in collaboration among all authors. Author MJA designed the study, performed the statistical analysis, wrote the protocol and wrote the first draft of the manuscript. Author AKMMH managed the analyses of the study. Authors AKMMH and AB managed the literature searches. All authors read and approved the final manuscript.

Article Information

DOI: 10.9734/AJESS/2021/v14i330359
Editor(s):
(1) Dr. Sara Marelli, Scientific Institute and University Hospital IRCCS San Raffaele, Italy.
Reviewers:
(1) Arita Marini, Universitas Negeri Jakarta, Indonesia.
(2) Rustam E. Simamora, State University of Medan, Indonesia.
Complete Peer review History: http://www.sdiarticle4.com/review-history/64858

Received 07 November 2020
Accepted 18 January 2021
Published 06 February 2021

ABSTRACT

Quality primary education has become a first and foremost matter of concern of our country in the twenty-first century. In Bangladesh, achievement in primary education is tremendous, though there is a question in quality education. In this case, there are numerous problems that resist the process of quality education at the primary level and lack of effective academic supervision is one of them. The study is descriptive in nature and it collects relevant data and information from secondary sources through content analysis. The study highlights on the general role and functionalities of the Assistant Upazila (sub-district) Education Officer (AUEO) as a supervisor in improving the teaching-learning process and to improve quality primary education. It tries to make a conceptual analysis on different aspects of academic supervisor, quality education in school, supervision and inspection, quality assurance as well as teaching-learning. The study reveals that low support and morale, inspection rather than academic supervision, lack of dedication and professionalism, etc are the main issues of academic supervision which hamper quality primary education in Bangladesh. The study recommends that AUEO’s role as a supervisor should assist the execution

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of the numerous roles and functionalities which will progress the teaching-learning situation in the input process to improve quality primary education in Bangladesh.

Keywords: Academic supervision; Bangladesh; inspection; primary school; quality education; teaching-learning; upazila education officer.

1. INTRODUCTION

Primary education is the basis on which the nations’ erection of education has to be built and it is the ground laid for the persons’ pursuit of further learning and fulfillment of life’s expectation. Bangladesh, a country with one of the largest primary education systems in the world has given education especially quality primary education of great importance since its emergence as an independent country [1]. Quality education helps children to acquire nous of justice, dutifulness, discipline, good manners, scholar attitude, human rights awareness, secular, friendliness and co-existence, curiosity, love and friendship, perseverance including moral and spiritual qualities; and to encourage the children to develop as a scientific and cultural minded free from all prejudices. Alongside, it makes students capable of fulfilling the demands of education with essential subject-wise knowledge by an effective school [2]. An effective school is roughly termed as a good school. School effectiveness refers to the performance of the organizational unit called ‘school’. The performance of the school can be expressed as the output of the school, which in turn is measured in terms of the average achievement of the pupils at the end of a period of formal schooling [3]. Quality education and effective school at the primary level in Bangladesh depend on schools’ physical infrastructural environment, co-curricular activities, and curriculum, content, leadership of headmaster, dedicated assistant teachers, and especially AUEO’s visionary academic supervision and monitoring process according to the Ministry of Primary and Mass Education’s enacted laws of “Effective School-2004”.

The supervisory roles of the AUEOs to improve educational program and helps teachers to achieve both qualitative and quantitative instructional delivery from the forward. It could easily be deduced that supervision is an indispensable variable in the teaching-learning process as well as the overall school and educational objectives. The elements of supervisory role include defining the school mission, managing the curriculum and instruction, supervising teaching-learning and monitoring learner progress, and promoting [4]. However, the academic supervision of primary schools is not effectively carried out nowadays and the major national concern is deteriorating standard of primary education in the country. As a result, the basic foundation of our education system remains very weak due to poor teaching skills and mismanagement of primary schools [5].

The review of relevant literature finds that although a number of studies have been carried out home and abroad on different aspects of primary education, very few works have been done related with the AUEOs and academic supervision at field level in Bangladesh to ensure quality primary education. This study is an attempt to explore theoretical understanding about the role of AUEO’s supervision and inspection to ensure effective school by improving quality education and to identify issues that exist in the process of academic supervision of primary school in Bangladesh. The study also recommends some workable suggestions that can play a vital role in removing difficulties prevails in the way of ensuring quality primary education through academic supervision and inspection of AUEOs.

2. METHODOLOGY

This study used a basic explanatory qualitative research approach as its methodology to determine the role and functionalities of an AUEO to improve quality primary education through their academic management, supervision and inspection in primary schools with regards to the issues and implications related to it. The study is mainly based on secondary data. Data have been collected following document study and content analysis techniques. Existing laws and policies of primary education, text books, journal articles, newspapers, reports, thesis papers, web sites and other relevant documents have been used as the sources of data in order to attain the objectives of this study.
3. THEORETICAL CONCEPT

3.1 Quality Education in Primary School

The term "quality" represents a distinctive feature of a thing [6] whereas "quality education" is understood with many diversities and multifaceted natures of the perception. There is an extensive debate about the definition of quality education whether a universal definition is, at all, possible or not. Somebody thinks of quality as supremacy; someone deliberates quality as efficiency, competence, justice; and someone articulates quality as the thing that assists the purpose and consistent with desired goals of any program [7]. Hence, it is very difficult to define this concept exactly, mainly because various writers, professionals, practitioners, implementers, authors, and researchers have acknowledged different factors of quality education. Hampton [8] describes, "If schools wish to embrace 'quality' then they must develop a culture and climate which will facilitate this." Cheng and Cheung express the quality of education as a set of features encompassing the feedback process of education arrangement [9]. There are two elementary viewpoints of quality education which are applied to express quality primary education are: 'intellectual advancement' of the children and the character of education in motivating morals and outlook in the heart of cognizant citizens and for nurturing ingenious improvement [10].

However, the quality of education is in the concept of quality that encompasses many things. It characterizes not only the valuation of competency of primary school graduates but also an overabundance of other factors [11]. The idea of quality education takes on diverse meanings in space and period. Particular has not hesitated to associate the quality to gorgeousness in order to point to the comparative nature of the concept [12].

The literature recommends that there are abundant definitions of quality education. The National Plan for Action paper of Bangladesh has approved the following basic proportions of quality which also attend as elements of the occupied definition of quality primary education in Bangladesh [13] and these are: a) well-nourished and healthy learners who is ready to participate for learning; b) community and family will help and support the learners for learning [14]; c) ensure a healthy, safe, defensive and gender-sensitive environment and try to provide satisfactory resource and facilities for the learners; d) relevant teaching curricula and materials which deliver suitable content for the attainment of basic skills, particularly in literacy, numeracy and lifetime skills, as well as information in areas such as gender, religion, health, nutrition, HIV/AIDS anticipation, arsenic adulteration, prevention and peace for the learners; e) patriotic, professionally trained and well-qualified teacher will practice child concentrated teaching methods in well-managed classrooms, colleagues and also skillful valuation used to simplify learning and diminish disparities [15]; f) consequences that incorporate knowledge, abilities, attitudes are connected to national objectives for education such as launching a learning society and beneficial participation in social responsibilities and national progress; and g) management of community resources, schools and relations efficiently.

Afterward, parents consider quality education as values mainly in a family, as students' view quality as score uses for finding a job, school regards quality as the achievement of success of graduates; community refers quality as school performance in countrywide test and achievement of graduates and maintaining a perception of the nations’ history, or creating country competitiveness in the global market [16].

In general, an effective school is a temporary outcome-oriented perception and it has many elements with implementable curriculum, the readiness of physical infrastructure, teaching aids, content, competent and motivated teachers, and socio-economic condition of students [17].

There are some key characteristics of an effective school. These are mainly based on the performance of the supervisor along with the headmaster, assistant teachers, and community [18]. In an effective school, steps are taken: a) to develop an achievable and clear school vision that student can achieve and the teachers can help to acquire success; b) to implement the vision of the school by the headmaster as an instructional leader; c) to provide student enough time and opportunity to learn, and teachers have strong expectations concerning what to teach and satisfactory time to teach [19]; d) to inspire positive home-school relations that will foster parental connection with school; e) to create a safe school environment and to encourage cooperation and respect; and f) to monitor student progress frequently and the results are
used to advance their performance [20]. School success is seen as the rank to which a school accomplish its goal in association with further institutions that are the same level in terms of student-intake over the influence of definite situations through the school itself [21].

3.2 Academic Supervision

Supervision is a school scheme that indicates the procedure of ensuring the policies, philosophies, order, regulations, and approaches of teaching recommended for purposes of applying and succeeding the goals for education and efficiently carried out. Supervision also includes the use of professional knowledge and capability to oversee, assess, and harmonize the procedure of effective teaching-learning in schools [22]. Consequently, supervision involves the teacher, the teaching-learning process, and the monitoring of the school. The supervision is categorized by Jaiyeoba in 2006 and there are two types of supervision at the primary level in Bangladesh and these are internal supervision and external supervision.

Internal Supervision is clinically performed by a headmaster in a school. It is close frontal observation, an inflexible, meticulous collaboration between the headmaster and assistant teachers with the ambition of mandatory the dual in a friendly proficient relationship [23].

External Supervision was carried out by the people designed by the Ministry of Primary and Mass Education (MOPME) and another higher education authority to takeout supervision in schools which used to be known as inspection and supervision [24]. These are Inspectors who are expected, as their primary responsibility, to inspect schools and work directly with teachers to improve the quality of education in school. There are four types of external supervision and these are [25]:

1) Full Inspection includes teachers, teaching-learning process and materials; content of the subject, student assessment procedure, school records, School Managing Committee (SMC), Parents Teacher Association (PTA), School Level Improving Plan (SLIP), Social Audit Committee (SAC) and every feature of the school is to supervise by supervisor.

2) Follow-up Inspection is performed to evaluate the activities occupied on the recommendation and proposal ready in the report on the full inspection. Follow-up inspection assists in inspiring teachers to dedicate for qualified effectiveness and stimulating concentration for educational improvement of the students.

3) Partial inspection is very much limited for the supervisor in the school. It did not include every feature of the school like full or follow-up inspection.

4) Recognition inspection is generally accompanied by a new school that, in preparation, has had recommended visit and is now in search of to gain approval as a center for any public examinations as for example of PSC [26].

External supervision in primary school involves the following stages:

1) The preparation stage is the period before supervision. The school or person to be supervised is informed. This type of supervision is to be carried out interconnected so that satisfactory preparation and fruitful supervision can be made.

2) The observation stage is the period at which the actual physical supervision is completed. The concerned officer observes teachers, the teaching-learning process in the classroom, SMC, PTA, SLIP, SAC and overall circumstances of the school.

3) The conference stage is the final period of supervision and a meeting is arranged with individuals administered. The supervisors are complimented and suggested where essential and areas of incapacity are carried into emphasis for development [27].

Upazila Education Officer (UEO) and AUEO’s is the external supervisor in a school and their academic supervision is demanding plus challenging part of education. The liability of a supervisor is to guide and motivate teachers to improve their teaching-learning process and professionalism by the qualities of supervisors [28]. The supervisors need to possess mysterious and sound knowledge-base about the supervision and motivation skills, teaching-learning strategies, lesson plan, inclusive education, class arrangement and needs to be equipped with updated education base knowledge for knowing the teachers. He/she should be a consultant, facilitator and motivator.
while supervising and overseeing the teaching-learning activities in the classroom [29]. A supervisor must develop the attitudes to treat the head and assistant teachers as her/his colleagues to help them properly and continuously. He/she must possess democratic attitudes and arranges conversation with the teachers regarding the problems identified in teaching-learning activities. He/she must discuss with the members of SMC, PTA, SLIP and SAC to find out the problems and solutions of the teaching-learning process [30].

Besides, Olirunfemi [31] and Ogunsaju [32] mentioned some characteristics and qualities of a good school supervisor. He/she should be honest, independent, fair and firm, a good listener and less talker, observer, creative, imaginative, innovative, opened, liberal, and democratic. He/she should be an educational facilitator, approachable, amiable, well-mannered, and regular in her/his exchanges with teachers, and stakeholders. He/she must have adequate energy, good health, instructional leadership, counselor, sound knowledge of their own area and good communication skill with teachers. He/she must accommodate at assisting young people to monitor themselves and even further adjust at governing herself/himself. He/she must be aware of the needs of teachers and an optimistic attitude towards supervision. He/she leads others without appearing to command and is capable to share the procedure of scheduling and guiding with others [33].

Furthermore, Akinade [34], Peretomode [35] and Agih [36] recognized particular of the abilities of a good school supervisor as methodical skill, humane, theoretical talent, pathological stability, the capability to inspire others, morality, devotion to performing liability, achievable vision, dedication and objective [37].

The chief activities of the supervisor are to assist concerned teachers, SMC, PTA, SLIP, SAC, and stakeholders to become more effective in the enactment of the allocated duties to her/him. At a distance from these activities, supervisors also accomplish the subsequent rules and regulations in the primary school system. A supervisor mainly plays the following roles in a primary school.

1) Instructional leadership is a significant function of a supervisor to lead teachers and other respondents in instruction to make them more effective as possible quickly. Supervisors have to adapt to meet the requirements of the people and the particular environment rather than exercise a normative kind of management. Instructional leaders progress the quality of coaching by promoting professional growth for all headmasters and other teachers by his/her liberal-minded and they should continue a favorable relationship with the stakeholders of primary schools [38].

2) Assessing Student Progress towards the recognized grade by the governing authority, and also simplify the forecasting of numerous instruction by supervisor. He/she also confirms that teachers will formulate and continue enough and correct registers of student’s improvement according to year, class and subject. They will also assess teachers and provide their grades according to the teaching-learning process in class.

3) Planning ideologies are to the supervision on or after the beginning with the purpose of ensuring the aims of supervision are achieved. The philosophies of planning include the vocalization of purposes, choosing the best approaches, drawing out of procedures, programs and policies that would be of great assistance in achieving the identified goals.

4) Staffing and Coordination is a project to determine the procedure of administration, staff situations and vacancies in a period of ratings in harmony through the institute formation of the school. They are also estimated by the purpose to commensurate the endeavor of all contributors and confirm that their undertaking, decision making has become combined accountability.

5) Observation is predicted to observe administration, staff, teachers, students, and others at work through an emblematic supervision conference. Consequently, in a bid to developed practices and standards, the administrator should offer advice to the contributors through consultation in the school system [39].

In general, the working relationships refer to that supervision and inspection are executive purposes focused towards the effectual accomplishment of administrative aims. That’s dominant intention is to increase output and both establish tools for educational harmonization. Despite this, there is more or less difference between the words ‘supervision’ and ‘inspection’. Supervision is considered to attain development
in teaching, the resolve of school limitations, upkeep collaboration of super ordinate-subordinate, proficiency, and anatomy of staff and accomplishment of inherent inspiration while the inspection is accepted out especially to confirm that least values are continued in the elementary actions of teaching-learning. This is concerning content coverage, resource provision, maintenance of discipline, and keeping of statutory records and accounts. It also provides opportunities to access the challenges confronting the school and the level of success achieved in the pursuit of school goals [40].

The aims and objectives of academic supervision are to inspire headmaster and class teachers to accomplish improved and attractive teaching-learning activities and deliver them the necessary assistance and instruments. This is a continuous process and chain-effect would ensure an improved learning-opportunity for the students. A Supervisor supervises classroom’s teaching-learning activities in order to collect evidence and information about the quality of prevailing teaching-learning practices. He/she makes collective efforts for improving the professional skills of the class teachers and observes the progress of the students’ learning continuously. He/she establishes the coordination between the works of UEO, AUEO, Primary Training Institute trainers, Headmaster and assistant teachers [41].

Academic supervision offers to back for development, and inspires self-initiated professional improvement. It improves an educational atmosphere categorized by collaboration, and interactive support, congenial atmosphere to cherish professional development. It also exploits single development over reflective exercise and proficient dialogue. It proclaims that all capabilities need professional accountability to continually study and development of teachers [42]. Academic supervisor develops and achieve educational goals by motivating teachers and other staff and. He/she monitors, co-ordinates and evaluates educational activities and outcomes.

Furthermore, supervision is required to confirm that every specific educator in the school scheme had been confirming the liabilities for which he/she was programmed and to develop the use of educators so that they could subsidize meaningful achievement to the scheme’s objective [43].

Academic supervision is an advantageous/positive and continuous collaborative giving-taking procedure for improving teacher’s professional and teaching-learning skill and process, which contributes to the enhancement of the quality of the work of assistant teachers, headmaster and trainers/supervisors. Supervision permits the teachers to be discussed, debated or negotiated about the period and the subject of supervision. In the process of academic supervision, the supervisor works as facilitator, advisor, guide, instructor and friend/colleague of a teacher. It is an open and systematic process for the teachers, supervisors and stakeholders. It is a longitudinal process. The supervisors must be experienced and skilled in effective observation of teaching-learning and monitoring [44].

To make sure the predictable results from the academic supervision, it is necessary to determine the aims, objectives and qualities of teaching-learning activities upon which all concerned the head teacher, assistant teachers, relevant supervisory people at different tiers (Upazila, District and Directorate), are in agreement. These should be clearly definable measurable, achievable and applicable [45]. The supervisors must be adequately and properly trained on academic supervision and an appropriate indicator for measuring teacher competence should be decided and used.

The aims and objectives of the supervision system of the primary school of Bangladesh are based on the numerous ideologies and the scheme is considered fostering insight into the area actualities by which primary school functions. The government and non-government primary school teachers are recruited by MOPME and SMC from their own society where the institute is situated and occasionally holds the essential professional experience or satisfactory preliminary training. Thus, they need a lot of backing in their job, to function as effective classroom teachers while implementing participatory methods of teaching. This is a significant philosophy that has influenced the operational features of the primary school supervision system [46].

The system also admits the fact that the school supervisors cannot function in isolation to maintain high quality in the schools which invariably function in difficult locations and contexts (See Fig. 1). Supervisors themselves have to be reinforced by suitable institutional facilities at several levels. Keeping this in view,
the government primary school supervisory and support services function with a close link from the bottom to the top level of primary school in Bangladesh [47].

4. ISSUES IN ACADEMIC SUPERVISION OF PRIMARY SCHOOLS

There are some cyclical complications in the supervision of primary schools which always make difficult to ensure quality primary education in Bangladesh and those are:

a) The Number of AUEO’s are too inadequate according to the number and distance of primary schools from the upazila education office;

b) There is no sufficient training for the AUEOs to supervise and inspect primary schools and they are also dissatisfied about their promotion and existing grade;

c) Supervisors are engaged in another Upazila’s activities by Upazila Nirbahee Officer (UNO) rather than academics;

d) Inadequate funding and poor infrastructure by the government at UEO’s offices;

e) Inconsistency in government policies and cluster offices are about to inoperative [48];

f) Poor planning and vision of the supervisor’s to ensure quality primary education;

g) Implementation problems for the want of infrastructural environment and teachers;

h) Low support, morale and dedication of the supervisor’s as an instructional leadership;

i) Supervisors do not assess the student progress continuously and frequently;

j) Types and stage of supervision is partial, recognition, conference and preparation in all level of primary education;

k) AUEOs stay in a school to inspect rather than academic supervision and they do not stay all day long in a school;

l) Supervisors are indifferent in demonstrating a lesson, helping and home visit of slow learners, student survey and admission, arranging follow up and school-based training for the teachers, and monthly follow up meeting with the teachers, SMC, PTA, SLIP, SAC and community [49].

5. IMPLICATIONS

Academic supervision is one of the key factors for improving academic practices at implementation level of any field and it is a core function to advise, assist and support school heads, others teachers and communities to improve quality education in school. As an academic supervisor, AUEO is responsible for providing leadership to primary education at the grassroots level in Bangladesh. According to the Government circular [50], AUEO’s role and responsibilities include group management, improving the quality of education, educational planning, communication and organization, professional development of teachers, administrative and miscellaneous duties. But practically, a huge gap exists in the field of academic supervision of the primary education in the country. Followings are few implications in this regard which may be helpful to accelerate the process of academic supervision and ultimately will improve the quality education at primary level.

a) The ministry of primary and mass education and authority of primary education should confirm that competent, dedicated teachers are appointed to increase training for the headmaster to become instructional leadership;

b) There should have an assistant headmaster in every primary school to support the headmaster and the AUEO’s. Whereas, the headmaster has to go often at the Upazila education office for a meeting or official purpose;

c) All primary schools should be one shift rather than two shifts. Therefore, the government should recruit necessary teachers, office assistant, scavenger, and ensure the infrastructural physical environment of primary school;

d) The government should create the post of AUEO according to the number of schools and recruit them as an academic supervisor or block/cluster officer, and distribute each of them 12-15 schools as a block/cluster for clinical supervision;

e) The government should increase the fund for the AUEO’s to make them as real academic and instructional supervisors by training and encourage them to supervise school rather than inspections and only UEO’s can supervise and inspect schools;

f) Clear school achievable vision should develop in an agreement between the headmaster and the supervisor with discuss of teachers, SMC, PTA, and community;
g) Cluster office should be active and the government should take proper steps to remove AUEOs another assigned duties by UNO;

h) Supervisors should stay all day long in a school to ensure instructions of teaching-learning activities and at the end of that day, supervisor’s will discuss with teachers, SMC, PTA, and community about the teaching-learning process;

i) Supervisors should confirm three home visits in a month of slow and drop out learners;

j) The supervisor should arrange a stimulant program of symposiums in school for teachers, SMC, PTA, community which are comparatively helpful for developing school;

k) Supervision types and stage should be full and follow-up and observation rather than partial, recognition, conference and preparation;

l) Supervisors should emphasize their working based on productive inquiry plus the reinforcement of effective designs rather than on the denunciation of unsuccessful patterns in the school;

m) Supervisors should not be frightened as instituting a threat or outsider in school;

n) They should not attempt to be an instructor of the teachers however, rather helps teachers to convert co-supervisor and its potential to outcome in an alteration of the behavior of both assistant and headmaster;

o) To make sure the predictable results from the academic supervision, it is necessary to determine the aims, objectives and qualities of teaching-learning activities upon which all concerned the headmaster, assistant teachers, relevant supervisory people at different tiers (Upazila, District and Directorate) are in agreement.

![Diagram of support to teachers by supervisor in school](Source: The authors)
6. CONCLUSION

Ensuring quality primary education is very significant as it is the foundation of the complete education system. If a student does not get a quality primary education in life, he/she will find it very difficult to complete the further level of her/his education. Quality education depends on teachers, the teaching-learning process, shifting of school, proper academic supervision by supervisors, and physical infrastructural environment of the school [51]. Despite several challenges of supervising, proper, positive, and dedicated academic supervision impacts the teaching-learning process to improve student achievement which helps to establish an effective school and an effective school that can ensure quality primary education. Without proper and encouraging school supervision, the basis for effective educational pedagogic facilities in the primary schools is as a result of the underscore. Regrettably, the insufficiencies of operative school managerial exercise in Bangladesh mostly have been publicized, given the deficiency of competent personnel and other pedagogical conveniences to develop the schooling process.

The supervision at the primary level in Bangladesh is more or less outmoded and it is more mechanical than educational. It mainly inspires the identification of teachers ‘fault/mistakes. Usually, they continue rather an outsider from the teachers and the present supervision system is policing, contracting and administrative rather than supervising, which is shown to be ineffective in serving teachers professionally and hence failed to improve the excellence of teaching-learning operation in the classroom at the primary level in Bangladesh [52].

Therefore, it makes a dynamic situation for the primary school clinical managerial supervision system upheld by the headmaster and supervisors as partners in progress. The supervisor must be able to create a friendly atmosphere during academic supervision rather than auditor, leaseholder or contractor, police inspector so that the teachers can appreciate her/him as a ‘critical friend’ but not as an attitude with a denouncing role for improving quality primary education in Bangladesh.

COMPETING INTERESTS

Authors have declared that no competing interests exist.

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Peer-review history:
The peer review history for this paper can be accessed here:
http://www.sdiarticle4.com/review-history/64858