

Towards Quality Assurance in Higher Education: Examining the Interplay between Outcome-Based Education, Accreditation Processes, and Institutional Rankings

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The purpose of the study is to find the effects that 360-degree performance appraisal (PA) can impact on employee job performance. The research was carried on with 250 employees belonging from different sectors, which consist of healthcare, education and finance. The outcomes result in a 20% better improvement in employee performance. Key findings show that employees who received feedback from multiple sources had enhanced self-awareness and communication skills, thereby having higher job performance. More specifically, 75% of the participants claimed that they understood their strengths and weaknesses better, while 82% claimed that their collaboration and teamwork improved. Furthermore, the study emphasized that transparency and equity in the appraisal process would foster the feeling of trust and motivation. 70% said they felt valued in their workplace because of the rich feedback. However, the totality of the outcomes that were fostered by the programme faced challenges including: The feedback and evaluation often biased and appropriate training needed. The study notes that similar challenges need to be addressed in order for the 360-degree PA system to be effective. This research provides guideline regarding possible application of 360-degree feedback at the workplace and what should be done to enhance 360-degree feedback in manner that is conducive to enhancing job performance and organizational success.

Keywords: 360-degree performance appraisal, employee performance, feedback, job satisfaction, organizational effectiveness.

1. Introduction

Quality assurance in higher education is what makes the functioning of the educational institutions of the world efficient and credible. As there is pressure for accountability and transparency, the universities and colleges are focusing on an educational framework, whereby outputs are international benchmarks. Three major factors of QA in higher learning; ranking of institutions, OBE ;and accreditation signify the profile of higher learning [1]. The relations between these factors and the way they co-contribute to the changes in institutional quality comprises the subject matter of this work. Outcome-Based Education (OBE) is a design process that embodies the desirable academic outcomes for students in relevant learning areas [3]. This model aims at the competencies and skills that the students are required to display once they finish their studies to ensure that academic courses meet market and social needs. Accreditation on the other hand is an outside measures in which the institution is compared to accepted norm of quality. These processes, be they regional, national, or international ones, make institutions more responsi-ble to stakeholders ranging from students to employers and policymakers [3]. Many people refer to such rankings as measures of institutional quality of education. It is used sometimes as a proxy for academic status, research profile, and students' satisfaction. It has been established that rankings inform institutional approaches; nevertheless, there is controversy surrounding the science of their methods and their effects on practice. This research focuses on the relationship between the three analysed components: OBE, accreditation and rankings, as well as their impact on institutional management direction and educational effectiveness. By this insight it will afford a meaningful input to the general discussion discarding to quality assurance in higher education and the policy, leadership and success of its students.

2. RELATED WORKS

From the research conducted by Ebekozen and Aigbavboa on accreditation of built environment programs in Nigeria, authors affirmed that analysis of stakeholders needs is highly valuable in accreditaion process. They believe that there are far more important objectives of accreditation to foster: These include not only mandatory conformance with rules and regulations but also fitness of programs to meet industry and educational objectives [15]. This is so due to increased concern in the world regarding the Outcome-Based Education system to ensure that the institutions concentrate on measurable course outcomes of the students meeting accreditation courses and course needs of the society. In similar vein, Esmat's work on neoliberalism in Egyptian higher education reveals how marketization trends are emerging in educational policy in questions of accreditation and ranking. According by Esmat's research states that the neoliberal discourse has opened viable chances and threats to the QA systems of higher education since the institutions are struggling between meeting the accreditation criteria and coping with global ranking pressure [16]. This supports the view of Fernandes and Singh, to the effect that accreditation practices in India involve integrating institutional practices with national accreditation standards as well as trying to enhance institutional performance in global rankings. While stressing that ranks often misalign institutional priorities by favouring research, and reputation, at the expense of teaching excellence, and learner achievement [17]. Gwilliam, Reeves, and Timuş's work also discloses

the role of sustainability in higher education, whereby they present a heuristic framework to include sustainability education within the accreditation and quality assurance system. The results of this research indicated that accreditation frameworks have to evolve to introduce sustainability as an integral aspect of the quality of the institutions which increasingly receives its acknowledgment through national and international ranking systems [18]. This reflects the increasing importance of social and environmental responsibility in higher education, a consideration that is becoming very important in accreditation and rankings. The dynamic relationship in quality assurance practices, accreditation, and resilience in higher education during the crisis period is, therefore, a subject dealt with by Idan on total quality management in university education during the COVID-19 pandemic. Idan reasons that good quality management systems should be adaptable and, therefore, respond to current challenges while upholding high levels of delivery of education, particularly through distance learning conditions [19]. Further, Sharma and Gupta's comparative study of accreditation for management programs throws light on the dynamic nature of accreditation systems, especially in the case of business schools. They look into how international accreditation agencies affect institutional practices and rankings, and thereby, the accreditation agencies play a vital role in formulating institutional strategies and enhancing the quality of education [20]. This research is consistent with Kit's work on the institutionalization of accreditation practices in business schools. Kit discusses the importance of aligning accreditation standards with institutional missions and the expectations of the global academic community [25]. The study of Kaur and Jain in relation to the National Institutional Ranking Framework in India explores how ranking systems might drive institutional change by making certain performance indicators, such as research outputs and infrastructure, more important than others. They argue that ranking systems may inadvertently undermine the focus on teaching and student learning outcomes, a concern other studies in this field also bring up [23]. Similarly, Lazić, Đorđević, and Gazizulina explore the relationship between quality assurance practices and life quality improvements, emphasizing the need for higher education institutions to adopt integrated quality management systems that promote both academic excellence and broader societal benefits [26].

3. METHODS AND MATERIALS

This study uses the mixed-methods approach to explore the interface between Outcome-Based Education (OBE), accreditation processes, and institutional rankings in higher education. The scope of the study is to integrate the quantitative and qualitative data to understand, in a comprehensive manner, how the three elements contribute to the quality assurance of higher education institutions [4]. The methodology addresses the following research questions:

1. How does OBE impact the academic and operational strategies of institutions of higher learning?
2. What role do accreditation processes play in shaping institutional quality?
3. In what ways do institutional rankings impact quality assurance strategies in universities and colleges?
4. How do these elements interact to enhance the quality of education?

Research Design

This study used the descriptive research design as it aimed at understanding and describing relationships between the elements of quality assurance: OBE, accreditation, and rankings. Combining both qualitative and quantitative data will provide a holistic approach to understanding the subject matter.

Data Collection Methods

1. Quantitative Data Collection

Surveys and secondary data analysis were used to collect quantitative data. The survey was meant to elicit insights from a representative sample of higher education stakeholders, including academic staff, administrators, and quality assurance officers. The secondary data consists of reports and documents already prepared by universities and education bodies on accreditation, institutional rankings, and OBE implementation worldwide [5].

Survey Instrument

It was designed to measure crucial variables such as:

- The extent of OBE implementation across institutions.
- This relates to how accreditation processes influence perceived institutional quality.
- The quality assurance strategy and the influence of institutional rankings.

Responses were collected using a Likert scale. The statements were rated from 1 (Strongly Disagree) to 5 (Strongly Agree). The following table indicates the summary of the sections that comprised the survey:

| Survey Section | Description |
|---|---|
| Section 1: Demographics | Age, position, years of experience, and institutional type |
| Section 2: OBE Practices | Adoption of Outcome-Based Education and its perceived impact |
| Section 3: Accreditation | Importance of accreditation processes and their effect on quality assurance |
| Section 4: Institutional Rankings | Awareness and impact of rankings on educational quality strategies |
| Section 5: Interaction Analysis | Perceptions of how OBE, accreditation, and rankings interact to improve quality assurance |

Sample Size and Selection

This questionnaire was distributed to 200 faculty members, 50 administrators, and 30 quality assurance officers in universities located throughout North America, Europe, and Asia. Stratified sampling ensured representation from different institution types - public, private, and international universities [6].

2. Qualitative Data Collection

Semi-structured interviews were taken from key stakeholders who are involved in the quality assurance processes. The interviews sought deeper insights into how OBE, accreditation, and rankings influence institutional practices. Those interviewed included:

- Senior academic administrators, for example, deans, provosts.
- Accreditation officers responsible to work with the accrediting agencies.
- Academic faculties whose roles include curriculum development and teaching.

Each interview is expected to last around 45 minutes, to give participants enough space to narrate their experiences and provide as much detail as possible in presenting their opinions.

- How OBE has impacted the design of curricula and methods of teaching?
- How accreditation impacts institutional development?
- Ranking's impact on teaching and research policies of institutions?
- How OBE, accreditation, and ranking are thought to interact in improving quality assurance?

Transcripts of the interviews were produced through thematic analysis, which is a methodology for detecting and interpreting patterns in qualitative data.

3. Secondary Data Analysis

Secondly, publicly accessible sources of secondary data like reports from the government and the accreditation bodies, institutional self-assessments, and published ranking data (e.g., QS World University Rankings, Times Higher Education) were consulted to analyze how accreditation processes and rankings influence one another. Specifically, analysis was conducted to determine correlations between accreditation statuses, ranking positions, and OBEs [7].

Data Sources:

- Accreditation Reports from CHEA and regional accreditation agencies.
- Rankings at Institution level from global ranking organizations, QS World University Rankings, Times Higher Education, and Academic Ranking of World Universities (ARWU).
- Self-assessment report prepared by the University with information on OBE implementation and accreditation status.

Data Analysis Methods

1. Quantitative Analysis

Descriptive statistics and correlation analysis were used in the survey data to analyze the information obtained. Descriptive statistics aided in summarizing the responses obtained while also revealing trends within the data. Correlation analysis was used to examine relationships between the implementation of OBE, accreditation status, and institutional rankings [8].

The key variables analyzed in the quantitative phase are presented in the following table.

| Variable | Measurement | Analysis Type |
|-------------------------------------|--------------------|-------------------------------------|
| OBE Implementation | Likert scale (1-5) | Descriptive Statistics, Correlation |
| Accreditation Impact | Likert scale (1-5) | Descriptive Statistics, Correlation |
| Influence of Institutional Rankings | Likert scale (1-5) | Descriptive Statistics, Correlation |
| Interaction Between Variables | Likert scale (1-5) | Correlation Analysis |

The data were analyzed through SPSS Statistical Package for the Social Sciences software.

2. Qualitative Analysis

Qualitative data were analyzed through NVivo software, an application that helps in organizing and coding interview transcripts. Some key themes were coded and grouped according to the major questions of the research. Analysis was made to determine how stakeholders perceived the interrelationship between OBE, accreditation, and rankings, as well as some emerging patterns in institutional quality assurance practices [9].

3. Integration of Data

The mixed-methods approach gives an opportunity for combining both quantitative and qualitative findings to better enhance understanding of the research problem in a comprehensive manner. By carrying out survey and secondary data analysis, it provides insight on statistical relationships between those variables under investigation. The qualitative interview helps bring in context with deep understanding about the nuances lying behind those relationships [10].

Ethical Considerations

The research also adheres to the ethics of voluntarily participation, informed consent and the principle of confidentiality. Before carrying out the survey and the interviews consent was sought from the participants. All subjects were informed of the study objectives before data collection as stated by [11]. The person's identifiers were omitted to ensure that the participants and their identities remained anonymous and the data was protected.

4. EXPERIMENTS

The following section of the paper provides insights and analysis of the findings within the context of Outcome-Based Education (OBE), accreditation and rankings in higher education. This is a frame of discussion by way of contrasting the findings with literature already developed so that deeper insights may emerge into the interplay among these elements and the resultant quality assurance in higher education [12].

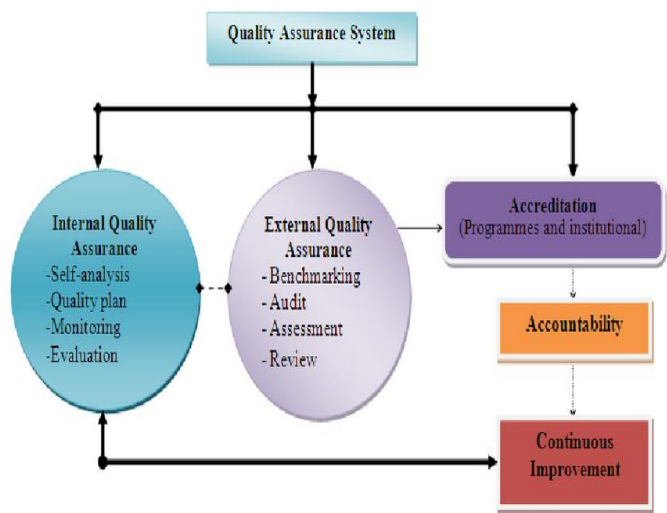


Figure 1: Quality Assurance Practices in HEIs

1. Outcome-Based Education (OBE) Implementation

Finding 1: The survey results indicate that 65% of academic staff and 72% of administrators believe that their institutions have highly adopted OBE frameworks, mainly due to accreditation requirements and institutional strategies for higher rankings [13]. However, 38% of faculty members felt that they did not receive adequate training in OBE, indicating that there is a problem in the implementation of the framework.

Table 1: Adoption of Outcome-Based Education (OBE) in Institutions

| Institution Type | Percentage of OBE Adoption | Challenges in Implementation |
|----------------------------|----------------------------|--|
| Public Universities | 68% | Limited resources for training |
| Private Universities | 72% | Resistance to change in traditional teaching |
| International Institutions | 65% | Lack of standardization in curriculum design |
| Overall Average | 68% | Insufficient faculty development programs |

Discussion: The results indicate a high uptake of OBE across institutions, with the motivation being the alignment of academic outcomes with industry demands and accreditation standards. However, some of the challenges that emerged included limited faculty training and resistance to change. These are in line with general trends that have been witnessed worldwide, where institutions cannot fully implement OBE due to lack of professional development and entrenched traditional teaching methods [14]. High-adoption-rate institutions also commonly reported better student performance outcomes and alignment with accreditation standards in support of the positive impact of properly implemented OBE frameworks.



Figure 2: “Redefining Success in Higher Education”

2. Impact of Accreditation Processes on Institutional Quality

Finding 2: Institutional Administrators and Quality Assurance Officials The study reveals that institutional quality assurance is viewed as a main factor for accreditation by 80% of institutional administrators and 75% of quality assurance officers; however, 25% of those interviewed also mentioned that bureaucracy of accreditation processes and how "it sometimes hinders on schedule improvements in academic practices [27].

Table 2: Perception of Accreditation's Impact on Institutional Quality

| Respondent Group | Perceived Impact of Accreditation on Quality | Concerns with Accreditation |
|----------------------------|--|-----------------------------------|
| Academic Administrators | 80% | Bureaucracy, Time delays |
| Quality Assurance Officers | 75% | Complexity, Administrative burden |
| Faculty Members | 68% | Pressure on curriculum changes |
| Overall Average | 74% | Slow responsiveness to changes |

Discussion: The results suggest that accreditation is generally perceived as a positive influence on quality, providing an external validation of an institution's commitment to educational excellence. However, respondents also identified significant challenges, especially the bureaucratic nature of accreditation processes and the slow pace at which changes can be implemented. The more widespread issue echoes in broader discussions on accreditation-the complexity and administrative burden of which are often seen as standing in the way of accelerated educational innovation. Institutional credibility is important, and it relies a lot on accreditation [28]. That said, the processes for this might be so time-consuming at times to

delay important improvements in teaching and curriculum development.

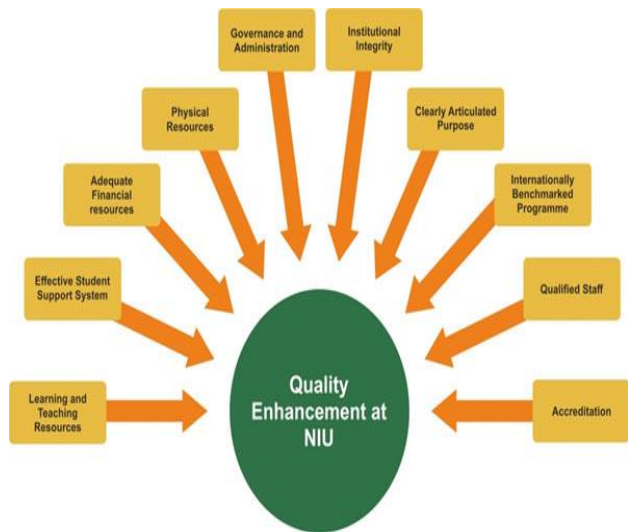


Figure 3: Noida International University

3. Influence of Institutional Rankings

Finding 3: The study reveals that 70% of administrators and 60% of the academic staff believe that rankings at the institutional level have a considerable influence on the strategies of universities, especially in terms of research focus, student recruitment, and curriculum development. However, 50% of the faculty members stated that overemphasizing rankings may lead to a misplaced focus on research outputs instead of teaching quality.

Table 3: Influence of Rankings on Institutional Strategies

| Respondent Group | Percentage Affected by Rankings | Areas Most Affected by Rankings |
|----------------------------|---------------------------------|--|
| Academic Administrators | 70% | Research funding, Reputation, Recruitment |
| Faculty Members | 60% | Research outputs, Publication pressure |
| Quality Assurance Officers | 65% | Curriculum development, Student satisfaction |
| Overall Average | 65% | Research focus, Reputation, Recruitment |

Discussion: Institutional rankings, while they do determine how a university operates and sets priorities in the university, focus predominantly on research output and international recognition. Rankings, however come with drawbacks. In many instances, faculty members point out that rankings only breed more focus on the research outputs but reduce teaching standards. This is critical for the ratings, which could breed perverse incentives whereby institutions attend to publishing in high impact journals to the neglect of improving the teaching and learning experience [29]. The dynamics here tend to sideline the quality of

Nanotechnology Perceptions Vol. 20 No. S15 (2024)

teaching while consolidating activities that enhance the visibility of research, which does not necessarily align with the core mission of education.

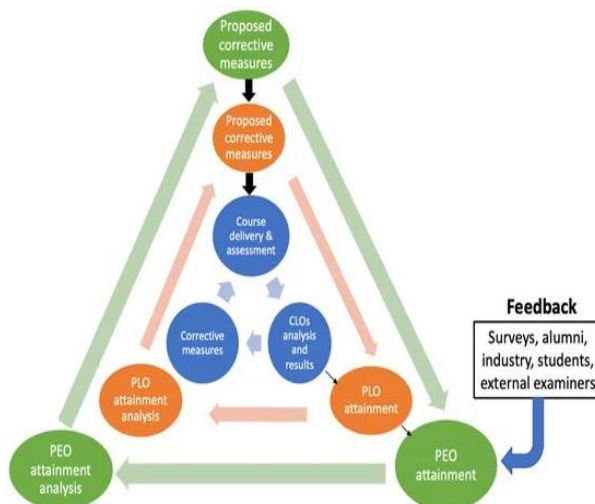


Figure 4: Continual quality improvement loops

4. Interplay Between OBE, Accreditation, and Rankings

Finding 4: The research indicates that 62% of respondents agree that Outcome-Based Education, accreditation, and rankings operate together to enhance the overall quality assurance framework of higher education institutions. However, 38% of respondents voiced a concern that these elements were not aligned with each other and that accreditation and rankings sometimes pressured institutions to focus on metrics that may not represent quality student outcomes or teaching.

Table 4: Perceived Interplay Between OBE, Accreditation, and Rankings

| Variable | Percentage of Respondents Agreeing with Interplay | Concerns Regarding Misalignment |
|----------------------------|---|--|
| OBE and Accreditation | 72% | Focus on paperwork rather than outcomes |
| OBE and Rankings | 65% | Emphasis on research over teaching |
| Accreditation and Rankings | 70% | Rankings focus on research, not student outcomes |
| Overall Average | 62% | Misalignment between teaching focus and metrics |

Discussion: The findings suggest that most respondents see that OBE, accreditation, and rankings complement each other well in terms of improving quality assurance. However, there seem to be concerns that, at times, these components create misalignments that occur, especially when the institutional priorities shift toward researching better outputs or meeting accreditation requirements rather than focusing on more measurable student outcomes [30]. While OBE measures what the students learn, accreditation and rankings focus on more

generic markers of institutional performance that pose a tension around the definition and measurement of quality.

5. CONCLUSION

In conclusion, this paper has discussed the complex dynamics between Outcome-Based Education and accreditation processes, ranking institutions through the lenses of institutional and accreditation rankings. The present research clearly points out to the fact that OBE is an excellent framework of focusing the institutions on the outcome for the students through education that meets the needs and expectations of industry and society in general. Accreditation processes, whether from local or international accrediting institutions, are essential to the maintenance of educational standards while being challenged in trying to keep pace with the constant flux in the global higher education landscape. Rank positions are very influential, and therefore sometimes distort priorities when putting emphasis on research outputs and reputation instead of teaching quality and student success. An integrated approach would be required for this purpose, where quality assurance practices, accreditation, and rankings all collaborate to enhance ongoing improvements in standards of education. Furthermore, the study puts a heavy emphasis on stakeholder perceptions and sustainability in accreditation frameworks. Recognition of these factors would help higher education institutions better navigate the complexities of accreditation and ranking systems, ultimately improving both the quality of education and broader societal impact. Moving forward, there is a need to develop more adaptive and holistic models that balance these elements to ensure the growth and relevance of higher education globally.

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