# OUTCOMES-BASED EDUCATION ASSESSMENT PRACTICES OF COLLEGIATE FACULTY MEMBERS: BASIS FOR A TRAINING DESIGN


## ABSTRACT

The study determined the assessment approaches utilized by the teachers in terms of assessment for learning, assessment of learning, and assessment as learning; found out the perspectives of the respondents on the OBE framework; found out the different assessment tools used by the respondents; and identified the problems/concerns regarding assessment met by the respondents, data of which were used as inputs in the design of a training to enhance faculty members' assessment practices. The faculty members "very much practiced" assessment of learning and assessment for learning while they "much practice" assessment as learning. Majority of the respondents had correct perspectives in majority of the items on OBE. However, they had misconceptions on outcomes=based assessment as a norm-referenced kind of testing and that grading is done in every step of the way of the OBE curriculum. On the assessment tools, majority of the faculty members "always" practice the use of teacher-made tests, "often" use some performance based assessment while many alternative assessment format are seldom used. The specific problems encountered by the faculty members were categorized into three: limited facilities and materials, lack of knowledge on OBE and OBA, and, difficulty in the teaching-learning process. Problems met in implementing the Outcomes-based Education framework center on three areas: lack of basic knowledge of OBE and OBA, lack of facilities, and difficulty in the teaching-learning process. Based on the findings of the study, the researchers came up with a training design which will address the concerns of the respondents on assessment in the Outcomes-based Education Framework.



*Keywords: assessment; assessment practices; faculty members; outcomes-based*




## I. INTRODUCTION

Quality education has been a battlecry of every higher education institutions (HEI) in the Philippines. The educational system has undergone radical changes to obtain quality education. In 2012, the Commission on Higher Education provided the framework for the (CHED Implementation Handbook 2012). In this CHED memo, higher education institutions are mandated to enhance their quality assurance system through outcomes-based education.

Outcomes-based education (OBE) as advocated by the American sociologist William Spady is characterized by a comprehensive approach to organizing and operating an education system that is focused on and defined by the successful demonstrations of learning sought from each student (Spady 1994). Spady proposed that OBE transforms the educational paradigm from

being an input-based to one that leans on learning outcomes – real world knowledge and skills students can understand and do as a result of learning (1994).

However, a shift to an OBE paradigm requires the alignment of the various components of the teaching-learning process, from the identification of the learning outcomes, to the choice of instructional strategies and resources, to the assessment of student learning. Outcomes-based assessment (OBA) offers a number of advantages to key stakeholders, including transparency of reporting alignment of teaching and curriculum goals, and sensitivity to individual needs (Brindley 2001). However, it has been a lament of many educators that despite the mandate of the CHED, HEIs have not yet maximally embraced OBA. Educators are still experiencing confusion on the real OBA, hence, the difficulty in shifting from the traditional way of assessment to the real outcomes-based assessment. Ramoroka (2007) underscored that if educators do not understand OBE, they cannot implement OBA correctly and effectively. Laguador and Dotong (2014) found that college educators have the least extent of understanding on the use of appropriate assessment. Dagdag and Cardona (2018) observed that some math educators are puzzled in constructively aligning the assessment to the intended learning outcomes (ILOs) which result to the nonalignment of assessment procedures to the ILOs.

Hence, there is a need to study the practices of faculty members of the University of Eastern Philippines system to assess the level of awareness and implementation of assessment as an integral component of the teaching-learning process. The findings of the study would provide valuable inputs in the design of in-service trainings for the improvement of the assessment practices, which in the long run, will improve the implementation of the OBE framework in the university.

The study explored the perspectives of faculty members on outcomes – based assessment. Specifically, the study determined the assessment approaches utilized by the teachers; identified the frequency of use of the different assessment tools by the respondents; identified the problems/concerns regarding assessment met by the respondents; and designed a training to enhance faculty members' assessment practices.

## II. MATERIALS AND METHODS

The study was conducted within the University of Eastern Philippines System. It involved 184 faculty members proportionally sampled through Slovin's formula from the faculty members of the three campuses of the University system. Employing the quantitative research design, the study utilized a four-part survey instrument to gather data. The first part determined the extent of practice of the respondents on assessment of learning, for learning, and as learning. Responses were interpreted into NP – Not Practiced, SP – Slightly Practiced, P – Practiced, MP – Much Practiced and VMP – Very Much Practiced. The second part determined the perspective of the respondents on some OBE assessment principles. The respondents determined whether the statements were true or false. The third part assessed the respondents' frequency of use of assessment tools. Responses were interpreted into A – Always, O – Often, So – Sometimes, S – Seldom, and N – Never. The fourth part is an open-ended question where the respondents wrote the most pressing problems they encountered in implementing OBE assessment. Statistical tools utilized in the study are frequency counts, percentages, means, and ranking.

## III. RESULTS

*Assessment Approaches utilized by Faculty Members*

Table 1.1 shows the assessment approaches used by faculty members in terms of "assessment of learning". The table further shows that the faculty members "very much practiced" the use of assessment to determine students' mastery of learning objectives and the effectiveness of instruction. They also "very much practiced" the use of assessment to prepare students for major examinations and to determine students' final grade. The lowest means in the table are on communicating classroom assessment results to school officials and conducting item analysis for teacher-made tests.

Table 1.2 shows the assessment approaches used by faculty members in terms of "assessment for learning". The table further shows that generally, with a mean of 4.22, the faculty members "very much practiced" approaches along assessment of learning. It is shown that the highest mean of 4.48 corresponded to the teachers' use of assessment to help students improve their learning process and class performance. Out of the 11 indicators, 8 were "very much practiced".

Table 1.3 shows the assessment approaches used by faculty members in terms of "assessment as learning". The table further shows that generally, the faculty members "much practice" approaches along assessment of learning. It is shown that the highest mean of 4.19 corresponded to the teachers' use of assessment to guide students to set their goals and monitor their own learning progress. In monitoring the students' work, the use of assessment to help students recognize the specific aspect from which to improve their work is also practiced by the faculty members as seen in the mean of 4.18. The item with the lowest mean is the provision of written comments along with grades. All 11 indicators were "much practiced".

*Perspective of Faculty Members on Outcomes-based Assessment*

Table 2 presents the percent of faculty members who correctly indicated their perspectives of outcomes-based assessment. Majority of the respondents had correct perspectives in items 1, 3, 4, 5, 6, and 7. The respondents strongly agreed in the alignment of curriculum and assessment, the backward design of the curriculum and the flexibility of the curriculum components. They agree that assessment should not only be at the end of the learning period. However, only a bit more than half agreed on public assessment to determine achievement of learning outcomes and changing student record when there is an improved learning.

*Frequency of use of Assessment Tools*

Table 3 presents the frequency of use of various assessment tools by the faculty members. It is much noticeable that teacher-made written tests are "always" used by the faculty members. Faculty members "often" use oral questioning, written assessment or homework, group discussion/group work, performance-based examinations, oral presentations, essays, projects, observations, checklists/rating scales and portfolios. However, the lowest mean was on inventories, which is "sometimes" used by faculty members.

*Problems met in implementing outcomes-based assessment*

Table 4 shows the problems met by the faculty members in implementing outcomes-based assessment. The table shows that the problems met by the respondents can be grouped into three categories. The specific problems were categorized into three: lack of knowledge on OBE and OBA, lack of facilities and learning materials, and, difficulties in the teaching-learning process.

*Training design*

Based on the findings of the study, the researchers came up with a training design which will address the concerns of the respondents on assessment in the Outcomes-based Education Framework. Presented in Table 5 are the details of the Training Design.

**Table 1.1 Assessment Approach in terms of Assessment of Learning**

| Indicators | Mean | Interpretation |
|---|---|---|
| I use assessment to determine whether my students have mastered the learning objectives. | 4.53 | Very Much Practiced |
| I use assessment to determine the effectiveness of my instruction. | 4.49 | Very Much Practiced |
| I give classroom assessment to prepare students for the major examinations. | 4.46 | Very Much Practiced |
| I use classroom assessment to determine student grade. | 4.43 | Very Much Practiced |
| I use assessment to formally document the students` growth in learning. | 4.05 | Much Practiced |
| I use assessment to provide information to parents about the performance of their children in school. | 3.69 | Much Practiced |
| I revise my test items based on item analysis results. | 3.60 | Much Practiced |
| I communicate classroom assessment results to school officials. | 3.51 | Much Practiced |
| I conduct item analysis (item difficulty or item discrimination) for my teacher-made tests. | 3.51 | Much Practiced |
| **Weighted Mean** | **4.03** | **Much Practiced** |

**Table 1.2 Assessment Approach in terms of Assessment for Learning**

| Indicators | Mean | Interpretation |
|---|---|---|
| I use assessment to help students improve their learning process and class performance. | 4.48 | Very Much Practiced |
| I give classroom assessment to motivate students. | 4.35 | Very Much |

| | | |
|---|---|---|
| | | Practiced |
| I give classroom assessment to monitor students` learning progress. | 4.32 | Very Much Practiced |
| I use assessment to improve instruction for the next lesson | 4.30 | Very Much Practiced |
| I use assessment to rank students based on their class performance. | 4.29 | Very Much Practiced |
| I use assessment to diagnose strengths and weaknesses in my own teaching and instruction. | 4.24 | Very Much Practiced |
| I use assessment to create an environment where it is helpful for students to complete an assigned task. | 4.23 | Very Much Practiced |
| I use assessment to provide feedback to students as s/he progress through the course. | 4.20 | Very Much Practiced |
| I use assessment results for decision-making about an individual student. | 4.11 | Much Practiced |
| I determine why students make specific mistakes. | 3.96 | Much Practiced |
| I use assessment to group students for instruction purposes | 3.90 | Much Practiced |
| **Weighted Mean** | **4.22** | **Very Much Practiced** |



**Table 1.3 Assessment Approach in terms of Assessment as Learning**

| Indicators | Mean | Interpretation |
|---|---|---|
| I use assessment to guide students to set their goals and monitor their own learning progress. | 4.19 | Much Practiced |
| I use assessment to help students in recognizing what aspects to their own work need to be improved. | 4.18 | Much Practiced |

| | | |
|---|---|---|
| I use assessment to facilitate students to become independent learners. | 4.12 | Much Practiced |
| I give classroom assessment to make students accountable for their learning. | 4.11 | Much Practiced |
| I use assessment to allow students to discover their learning difficulties in class. | 4.09 | Much Practiced |
| I give assessment to determine how students can learn on their own in class. | 4.08 | Much Practiced |
| I use assessment to support students` independence in learning. | 4.04 | Much Practiced |
| I use assessment to assist students to identify means of getting personal feedback. | 3.99 | Much Practiced |
| I use assessment to provide examples of good self-assessment practice for students. | 3.97 | Much Practiced |
| I provide written comments along with grades. | 3.49 | Much Practiced |
| **Weighted Mean** | **4.03** | **Much Practiced** |



**Table 2. Perspectives on Outcomes-based Assessment**

| ***In outcomes-based assessment, teachers……*** | **Expected Response** | **% who got correct answer** |
|---|---|---|
| align primarily the curriculum and assessment to the intended learning outcomes, not to the subject matter/content | True | 89.67 |
| employ a system of norm-referenced evaluation in | False | 10.87 |

| | | |
|---|---|---|
| determining the standing or performance level of a student in class. | | |
| use public assessment so that students know if they are able to achieve the intended learning outcomes | True | 53.26 |
| define the desirable end results and work backwards to identify the building blocks that learners must achieve to reach the end-outcomes. | True | 80.98 |
| treat curriculum, instruction, and assessment as alterable or flexible means to achieve the end goals of education | True | 84.24 |
| change the student record when there is an improved learning and performance that warrants it | True | 52.17 |
| assess students learning only at the end of the learning period | False | 64.67 |
| use student achievement at the end of the learning period as the final result of all students prior learning, not the average of all the results of the students' activities. | True | 48.91 |
| test and permanently grades students every step of the way in all segments of curriculum. | False | 20.65 |
| view that assessment of learner`s learning is separate from teaching and occurs entirely through testing. | False | 41.85 |



**Table 3. Frequency of use of Assessment Tools**

| Assessment Tools | Mean | Interpretation |
|---|---|---|
| Teacher-made written test | 4.74 | Always |
| Oral questioning | 4.23 | Often |
| Written assessment or homework | 4.21 | Often |

| | | |
|---|---|---|
| Group discussion/group work | 4.17 | Often |
| Performance-based examinations | 4.14 | Often |
| Oral presentations | 4.07 | Often |
| Essays | 3.99 | Often |
| Projects | 3.93 | Often |
| Observations | 3.91 | Often |
| Checklists or rating scale | 3.78 | Often |
| Portfolios or work samples | 3.76 | Often |
| Peer assessment | 3.36 | Sometimes |
| Self-assessment | 3.54 | Sometimes |
| Conferencing or interviews | 3.37 | Sometimes |
| Simulations/Simulated examinations | 3.33 | Sometimes |
| Case study/Feasibility study/Research papers | 3.30 | Sometimes |
| Games | 3.24 | Sometimes |
| Term papers | 3.17 | Sometimes |
| Exemplars | 3.15 | Sometimes |
| Journals | 3.11 | Sometimes |
| Panel discussion | 3.10 | Sometimes |
| Graphic organizers | 2.99 | Sometimes |
| Round -table discussion | 2.98 | Sometimes |
| Departmentalized test | 2.94 | Sometimes |
| Learning contracts | 2.93 | Sometimes |
| Inventories | 2.83 | Sometimes |



**Table 4. Problems met in implementing Outcomes-based Assessment**

| Category of Problem | Specific Problematic Areas |
|---|---|
| Lack of basic knowledge on OBE | • In-depth workshop on OBE assessment<br>• Hands-on training on TOS aligning to test question |

| | |
|---|---|
| and OBA | • OB assessment tools on specific course<br>• Information dissemination<br>• Contradicts with the type of examination on the licensure exam<br>• Teacher`s skills in implementing OB assessment<br>• Rubrics<br>• Not knowledgeable in item analysis<br>• Lack of trainings or seminars<br>• No specific instructions on OBE<br>• Not clearly define what OBE |
| Lack of facilities and learning materials | • Limited facilities and equipment<br>• Lack of laboratory apparatus/equipment/facilities<br>• Budget<br>• Lack of references<br>• Projector for the lecture<br>• Not ventilated room<br>• Lack of facilities in nursing arts laboratory<br>• No WIFI connections<br>• Provision of E-library<br>• Lack of books/journals<br>• Inappropriate facilities<br>• Unavailability of technical facilities<br>• IM resources<br>• No E-library<br>• Unavailability of updated reference<br>• Lack of instructional materials<br>• Lack of equipment/materials/supplies |
| Difficulties in the teaching-learning process | • Student learning activities<br>• Teacher-student learning processes<br>• Grading system<br>• How to align class discussion with outcomes<br>• How to come up with class learning outcomes<br>• Problem solving activities<br>• Designing an OBE syllabus that cover OBE requirements which also ensures that all topics cover the board exam<br>• CHED requirements limited time to cover all the topics in the syllabus<br>• Initiatives of students<br>• Objectivity of the results<br>• Attitudes towards work<br>• Field trips<br>• Time constraints/time consuming<br>• Pressures due to goals<br>• Students lack of cognitive approach |

**Table 5. Training Design**

<table>
<tr><td>Rationale</td><td>Assessment in learning is an integral component of the teaching-learning process. As such, the assessment process forms an essential component of the Outcomes-based Education framework espoused by higher education institutions. However, while it is recognized that assessment should be aligned constructively with the other components of the teaching-learning process like the curriculum content and the instructional strategies, faculty members still lack the desired competence to integrate appropriate assessment tools in instruction. Hence, the need for capability enhancement along this topic.</td></tr>
<tr><td>Objectives</td><td>At the end of the training-workshop, the faculty members are expected to:<br>1. be reoriented on the nature of Outcomes-Based Education and assessment on OBE framework;<br>2. be familiarized with the different approaches in assessment;<br>3. craft Table of Specifications and Item Analysis;<br>4. develop sample rubrics for their assessment tasks; and<br>5. identify assessment tools along the assessment tasks.</td></tr>
<tr><td>Implementing Unit</td><td>Office of the Director for Instruction, Office of the Vice-President for Academic Affairs</td></tr>
<tr><td>Program Venue</td><td>Farmers Training Center or UEP Kapihan</td></tr>
<tr><td>Program Duration</td><td>Two (2) days</td></tr>
<tr><td>Target Participants</td><td>Fifty (50) faculty members, five faculty members coming from each college in the main campus and the two external campuses, identified by the respective Deans/Campus Directors as to the dire need of the faculty members</td></tr>
<tr><td>Modes of Delivery</td><td>The two-day training-workshop will feature lectures on assessment concepts. In some of the topics, opportunities for workshops will be given. Open forum can be done after the delivery of every topic.<br>Workshop outputs will be collected before certificates of training will be given. It is encouraged that participants bring with them samples of syllabus and mid-term or final test questions.</td></tr>
<tr><td>Evaluation</td><td>An evaluation instrument will be given to the participants to evaluate the seminar.</td></tr>
<tr><td>Seminar Matrix</td><td>
<table>
<tr><td>Day 1<br>Morning Session<br>7:00 – 8:30<br>8:30 – 9:00<br>9:00 – 10:00<br><br><br>10:00 – 10:15<br>10:15 – 12:00<br><br>Lunch Break<br>Afternoon Session</td><td><br><br>Registration<br>Opening Program<br>What is Outcomes-based Education? What is Assessment like in the OBE Framework?<br>Health Break<br>Approaches in Assessment (AfL, AoL, AaL)</td></tr>
</table>
</td></tr>
</table>

| | | |
|---|---|---|
| | 1:00 – 1:15<br>1:15 – 1:45<br>1:45 – 2:45<br><br>2:45 – 3:15<br>3:15 – 3:30<br>3:30 – 4:30<br>4:30 – 5:00<br><br>Day 2<br>Morning Session<br>8:00 – 8:15<br>8:30 – 9:30<br>9:30 – 11:00<br><br>11:00 – 12:00<br><br>Lunch Break<br>Afternoon Session<br>1:00 – 1:15<br><br>1:15 – 3:30<br>3:30 – 3:45<br>3:45 – 4:00<br>4:00 – 4:30 | Recapitulation of Morning Session<br>Table of Specifications<br>Workshop 1 (Table of Specifications)<br><br>Item Analysis<br>Health Break<br>Workshop 2 (Item Analysis)<br>Rubric Development<br><br><br><br>Recapitulation of Day 1 Afternoon<br>Workshop 3 (Rubrics Development)<br>Types of Assessment in Outcomes-Based Education<br>Workshop 4 (Aligning Assessment in the OBE Syllabus)<br><br><br>Recapitulation of Day 2 Morning Session<br>Presentation of Workshop Outputs<br>Health Break<br>Synthesis<br>Closing Program |
| **Fund Source** | The training-workshop can be supported from Administration Funds. A college/campus may also adopt the training design as part of their College In-Service Training. | |
| **Speakers** | Dr. Ronato S. Ballado<br>Campus Director, UEP Laoang<br><br>Dr. Mae Joy T. Espinar<br>Faculty, College of Education<br><br>Dr. Leonila A. Longcop<br>Faculty, College of Arts and Communication | |



## IV. DISCUSSION

Assessment of learning is summative and done to provide evidence of a students' level of achievement in relation to curricular outcomes (de Guzman & Adamos 2015). As expected, faculty members employ the approach to a high extent since they practice the documentation of the over-all performance of students for the purpose of grading the student and seeing the extent of attainment of the learning outcomes set for the course. However, lower means were reflected on the teachers' conduct of test item analysis. The test item analysis is a technique to gauge the

effectiveness of the construction of the items, particularly in a multiple choice format. But even in performance tasks, the result of the rubrics can be analyzed to determine the criterion where students may have difficulty in. This indicates that as a whole, item analysis is not regularly done particularly on summative assessment. Another item which registered a lower mean is communicating classroom assessment to parents and school officials. Unlike in the basic education, higher education institutions seldom have Parents-Teachers Association where meetings can be done to share findings on the performance of students. In the case of school officials, summative assessment which are communicated to them are usually the results of Licensure/Board Examination which result can affect over-all administration of the institution.

Assessment for learning pertains to diagnostic and formative assessment tasks which are used to determine learning needs, monitor academic progress of students during a unit or block of instruction and guide instruction (de Guzman & Adamos 2015). Good enough, the faculty members practice approaches along assessment of learning to a great extent. Fook and Sidhu (2014) found out that students favored formative assessment over final examination and that they expressed a positive response to receiving more constructive feedback from lecturers to help them, learn better. Formative assessment offers a more individualized approach than summative assessment. Teachers use formative assessment to help students improve their learning process and class performance. Through this approach, faculty members can follow up students' performance. However, lower means were reflected on the use of the formative assessment to decide on individual students and determining specific students' mistakes. This difficulty lies on the usual observation of teachers' bulk of teaching load where classes sometimes exceed the limits set by CHED. If teachers will focus on this aspect of assessment, they can have a harder time in meeting the demands of the other approaches to assessment. Another lower mean is on the use of formative assessment to group students for instruction purposes. Differentiated instruction has been emphasized in the past couple of years. Grouping students usually happen only in the giving of activities or learning tasks and not on planning how to differentiate instruction.

Assessment as learning employs tasks or activities that provide students with an opportunity to monitor and further their own learning, to think about their personal learning habits and how they can adjust their learning strategies to achieve their goals (de Guzman & Adamos 2015). Among the three approaches, assessment as learning had the lowest over-all mean, indicating that this approach is not the usual mindset of teachers when conducting assessment activities. The items included in assessment as learning covers the teachers' follow-up of students' learning in as much as personal learning goals are concerned. While this is not done to a high extent in most subjects, portfolios as assessment tasks provide answers to these concerns. In portfolio activities, students can be provided opportunities to reflect on their performance while seeing their growth in their respective subjects. Low means were reflected on the provision of written comments along with grades. This practice could not be done in the tertiary education setting since the report of grades do not have spaces for qualitative remarks.

Majority of the respondents had correct perspectives in six out of ten items. They had misconceptions that OBE is norm-referenced, similar to the study of Dagdag and Cardona (2018). OBE is not norm-referenced since the performance of an individual student is seen in how s/he attains the learning outcomes expected for him/her in the course, and not compared to the performance of the whole class. Spady, et al (2018) state that in the OBE paradigm, performance standards are to be criterion defined and universally applied to all students. The respondents had also misconceptions on permanently grading students every step of the way in

all segments of the curriculum, similar to Dagdag and Cardona (2018). In the OBE, not all assessment tasks are graded. Formative assessments may be recorded, but these will not be used in gauging the final performance of students.

Teacher-made written tests are used to a high extent by the faculty members since these tests are easy to prepare, administer, and check, aside from the fact that teacher-made written tests are anchored on the particular assessment needs for a certain lesson. However, not all teacher-made written tests are appropriate for outcomes-based assessment. There are outcomes which call for performance or products, hence, written tests are not advisable. The tools that are more relevant to OBE assessment are the ones used by teachers in a bit lower extent. There is a need to explore the advantages and disadvantages of the other types of assessment tools to determine their viability and applicability to the subjects handled by faculty members.

The problems met by faculty members were grouped into three: limited facilities and materials, lack of knowledge on OBE and OBA, and, difficulty in the teaching learning process. On the lack of basic knowledge of OBE and OBA, it is shown that there is a dire need to update faculty members' knowledge on the framework through seminars and other in-service activities. Seminars are usually held to orient faculty members on OBE but the coverage of the seminars just end on the general principles, and not on ideas that can be applied on specific learning areas. On the lack of facilities, faculty members have difficulty in maximizing their efforts to integrate OBE in teaching due to the unavailability of library materials and other important equipment and facilities. OBE entails performance/product assessment but may not be realized if there is a constraint on the needed facilities. On the difficulty in the teaching-learning process, faculty members complain on the time constraints on meeting the specific targets of OBE. The OBE assessment is rigorous as it goes into the intricacies of the performance of a particular students, hence, with the scenario of bulky teaching loads with big number of students, OBE assessment can be taxing.

In response to the foregoing findings of the study, a training design was come up by the researchers. The topics in the training design were culled out from the findings of the approaches to assessment, assessment tools, and problems met in the implementation of OBE. The training design includes a rationale, the objectives, and data on the implementing unit, venue, duration, participants, modes of delivery, evaluation scheme, program matrix, funding, and resource persons.

As a whole, faculty members of the University system practice different approaches in line with assessment in learning. This indicates that the faculty members have different reasons in employing the different approaches of assessment. Though the faculty members have the right perspectives of the Outcomes Based Education framework, there are still misconceptions along the nature of assessment and the frequency of grading in an OBE set-up. Most of the assessment tools used by faculty members are the traditional assessment formats along with some performance
based formats which are not used to a high extent. There are alternative formats which are not extensively used by the faculty members. The faculty members experience problems along the implementation of the OBE framework, where the most pressing are problems along the in-depth knowledge of the OBE framework, facilities and equipment, and difficulty in the teaching-learning process. This indicates that there is still a big room for work to fully embrace the OBE framework.

## V. CONCLUSION

Faculty members should be given more opportunities to learn about the intricacies of the Outcomes Based Education, particularly on assessment. The college administration, particularly the Deans and Department Chairs, should observe classes to validate the practices of the faculty members in the implementation of the OBE in the teaching-learning process.

## CONSENT

As per international standard or university standard, respondents' written consent has been collected and preserved by the author(s).

## ETHICAL APPROVAL

As per international standard or university standard written ethical approval has been collected and preserved by the author(s).

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