

# Awareness, Acceptability, congruency and the extent of implementation of DMMMSU's VMGO

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**Abstract**— This study collected data on the Vision, Mission, Goals, and Objectives of the DMMMSU-College of Computer Science from the different stakeholders of the institution. Specifically, it determined the respondents' awareness, acceptability of the VMGO. Furthermore, it determined the extent of implementation as well as the level of congruency of the VMGO as to the practices of the college. Two hundred forty-four respondents were taken as samples representing the different stakeholders. A descriptive survey was employed using a Likert-type questionnaire. Weighted mean, ranking, and frequency count were used to treat the data gathered. The findings show that the stakeholders are very highly aware and have a high level of acceptance on the vision, mission, goals, and objectives of the college. Likewise, they perceive the VMGOs are very highly congruent and are fully implemented as far as instruction, research, extension and production. Further investigations are recommended particularly on conducting a subsequent study that would measure the impact of the college programs using the VMGOs as frame of reference.

**Index Terms**— College of Computer Science, VMGO, DMMMSU-SLUC

## 1 INTRODUCTION

Universities in this modern day do not only serve as a generation of knowledge but has branched out to massive roles in the society. Universities have its roles on political, social, and cultural aspect in the society. Universities contribute to political change for it provides new personnel for institution-building in the new civil societies. As to the social role, it is responsible in social transformation which can be attained with its communication to the different agencies like public and private sectors, institutions of the different type, and Local government unit. Lastly, a university serves as a point of entry for external ideas and experiences for students which can have an impact and change on their cultural awareness. These roles are inevitable for the university have the responsibility to immerse students to the society. It cannot seclude students in its portals because it is indisputable that after graduation, the ideals seeded by the university will be carried out with them which will then be used in interacting to the society.

It is expected that educational institutions align its vision, mission, goals and objectives to these roles. It will be the guide of the institution its operation to attain its roles. Apart from these, it is also important to steer the institution's stakeholders to act in one direction and provide a guide in attaining it. Furthermore, it is important in strategic planning to properly align activities and eliminate irrelevant activities. It is only possible if it is well disseminated, appreciated and observed from the highest official down to the community. Because even how well-crafted the VMGO is, if it is not well observed, it will not have its effect.

VMGOs serve as anchors/frameworks for the University's strategic and operational planning and actions [2]. The VMGOs provide the University's constituents and stakeholders the necessary direction and motivation on how they are expected to

perform their respective functions and to generate, allocate, and use resources.

The researchers of DMMMSU CCS believed that it is necessary to have continuous survey, the purpose of which is to gather evidences on the levels of awareness, acceptance, congruency and the extent of implementation of the University's mission, vision, philosophy and the college's goals and objectives among its clientele.

### 1.1 Conceptual Framework

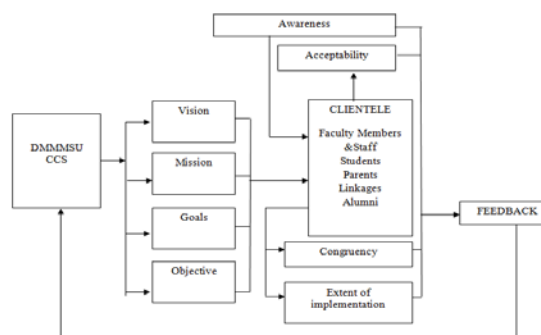


Fig. 1. Conceptual Framework

### 1.2 Statement of Objectives.

This study discovered the feedback of the clientele of DMMMSU specifically the CCS on its vision, mission, goals and objectives:

1. What is the level of awareness and acceptability of the respondents as to DMMMSU's
  - a. Vision
  - b. Mission
  - c. Goals of College of Computer Science
  - d. Objective of the Program Bachelor of Science in Computer Science
2. What is the level of congruency and extent of implementation of the College of Computer Science's vision, mission, goals and objectives as perceived by the respondents?

## 2 METHODOLOGY

### 2.1 Research Design

Descriptive research is used to obtain information concerning the current status of the phenomena to describe "what exists" with respect to variables or conditions in the situation. The methods involved range from the survey which describes the status quo, the correlation study which investigates the relationship between variables to determine changes over time [4]. Basing from the abovementioned definition, the researchers used descriptive research in order to determine the awareness, and acceptability of the stake holders of the mission, vision of DMMMSU and goals and objective of CCS. It will also be employed this method of research to determine the extent of implementation and the level of congruency of the mission, vision of DMMMSU and goals and objective of the CCS.

### 2.2 Population and Local

The study was conducted at the College of Computer Science, Don Mariano Marcos Memorial State University. The respondents included CCS faculty members, alumni, staff and member of the community, students, and their parents. They served as the respondents who assessed the extent of awareness, and acceptability of the vision, mission of DMMMSU and goals, objective of CCS. Furthermore, they are the respondents in gauging the extent of implementation and the level of congruency of the vision, mission, goals and objectives. Table 1 reveals the distribution of respondents. The Cochran's formula was employed to get the sample size of the respondents. Furthermore, stratified random sampling was used in determining the number of respondents per strata. They were considered for they have direct involvement in the operation of the college.

TABLE 1  
 DISTRIBUTION OF RESPONDENTS

Position	N	n
Students	719	75
Parents	719	75
Alumni	760	80
Faculty and Staff	33	4
Linkages	94	10
<i>Total</i>	<i>2325</i>	<i>244</i>

### 2.3 Data Instrumentation

The instrument for data collection was a researcher-made questionnaire. The respondents determined level of awareness, and acceptability of the vision, mission, of DMMMSU and the goals, objectives of CCS and extent of implementation of the vision, mission of DMMMSU and the goals, objectives of CCS.

### 2.4. Data Analysis

The data gathered from the different set of respondents was treated and interpreted with the use of frequency count, mean, and likert scale.

The 5-point likert scale was used in interpreting the results of the questionnaire. From the answered items, the researchers computed for the mean. Referring to the likert scale, the researchers was to determine the statistical range with the corresponding descriptive equivalent rating.

## 3. RESULTS AND DISCUSSIONS

### 3.1 Level of awareness of the vision, mission of the university, goal of the college and the objective of the BSCS program

Table 2 shows the level of awareness of the respondents regarding the VMGO of the College of Computer Science. The average mean 4.30 equivalent to "Very Highly Aware" which implies that the institution was effective in informing the stakeholders of the vision, mission, goals and objectives through effective dissemination and provision of relevant activities and programs. The highest mean of 4.35 with a descriptive equivalent of "Very Highly Aware" stresses that the respondents are most perceptive of the mission of the university. On the other hand, the lowest mean of 4.20 pertaining to the objective of the program which states the discovery of new knowledge and expand existing ones in information technology through the conduct of research still signifies that respondents are "Very Highly Aware" of this indicator. This corroborates with the study of Salom (2013) whose findings on stakeholders awareness of the VMGO indicated that the BSEMT program promotes the core values that society approves and that the University upholds

**TABLE 2**  
**LEVEL OF AWARENESS OF VMGO**

Indicators	Mean	Descriptive Rating
1. <b>VISION:</b> A premiere and globally competitive university	4.33	Very Highly Aware
2. <b>MISSION:</b> Total human development with appropriate competencies	4.35	Very Highly Aware
<b>GOALS OF THE COLLEGE</b>		
1. To develop quality resources to serve the needs of the information and communication technology industry in both national and global markets	4.29	Very Highly Aware
2. To share its resources for the educational, cultural, socioeconomic and moral upliftment of the people	4.28	Very Highly Aware
3. To establish inter-institutional and inter-agency linkages for effective implementation of best practices in instruction, research, and extension	4.22	Very Highly Aware
<b>OBJECTIVE OF THE PROGRAM</b>		
1. To develop personal, interpersonal and technical skills thus producing holistic and globally competitive IT professionals	4.33	Very Highly Aware
2. To empower IT graduates to become effective agents of change	4.42	Very Highly Aware
3. To discover new knowledge and expand existing ones in information technology through the conduct of research	4.20	Very Highly Aware
4. To improve the quality of education through production and use of instructional materials	4.28	Very Highly Aware
5. To lead in promoting and sustaining computer literacy in its service area;	4.29	Very Highly Aware
6. To be committed to uplift the lives of Filipino people through community reach out and extension services	4.25	Very Highly Aware
7. To support and sustain green technology to conserve environment	4.27	Very Highly Aware
<b>Average Mean</b>	<b>4.30</b>	<b>Very Highly Aware</b>

**3.2 Level of acceptability of the vision, mission of the university, goal of the college and the objective of the BSCS program**

The acceptability of the VMGO as depicted in table 3 is proven to be “Very Highly Accepted” as quantified with a mean of 4.35. The rating is expected because in the formulation and consultation of the VMGO, representatives of the stakeholders are taken in consideration thus their concerns are fully addressed in each revisions. The highest means of 4.34 justifies that the notion of sharing of resources through extension services are “Very Highly Acceptable” in the perception of respondents. On the other hand, 4.20 was the lowest mean from the indicator which pertains to the promotion and sustenance of the computer literacy of the College of Computer Science. These rating substantiates the approval of respondents of the provisions stated in the institution’s VMGO.

These findings agree with the same study of Castillo which stated that his results show that the stakeholders are generally aware, understand and accept the VMGO of the Batangas State University [3]. This revealed that the stakeholders generally perceive that the VMGO are clearly stated, consistent with each other, congruent to educational practices or activities, and attainable.

**TABLE 3**  
**LEVEL OF ACCEPTABILITY OF THE VMGO**

Indicators	Mean	Descriptive Rating
1. <b>VISION:</b> A premiere and globally competitive university	4.33	Very Highly Acceptable
2. <b>MISSION:</b> Total human development with appropriate competencies	4.30	Very Highly Acceptable
<b>GOALS OF THE COLLEGE</b>		
To develop quality resources to serve the needs of the information and communication technology industry in both national and global markets	4.33	Very Highly Acceptable
2. To share its resources for the educational, cultural, socioeconomic and moral upliftment of the people	4.34	Very Highly Acceptable
3. To establish inter-institutional and inter-agency linkages for effective implementation of best practices in instruction, research, and extension	4.32	Very Highly Acceptable
<b>OBJECTIVE OF THE PROGRAM</b>		
1. To develop personal, interpersonal and technical skills thus producing holistic and globally competitive IT professionals	4.30	Very Highly Acceptable
2. To empower IT graduates to become effective agents of change	4.28	Very Highly Acceptable
3. To discover new knowledge and expand existing ones in information technology through the conduct of research	4.29	Very Highly Acceptable
4. To improve the quality of education through production and use of instructional materials	4.22	Very Highly Acceptable
5. To lead in promoting and sustaining computer literacy in its service area;	4.20	Very Highly Acceptable
6. To be committed to uplift the lives of Filipino people through community reach out and extension services	4.34	Very Highly Acceptable
7. To support and sustain green technology to conserve environment	4.32	Very Highly Acceptable
<b>Average Mean</b>	<b>4.30</b>	<b>Very Highly Acceptable</b>

**3.3 Level of congruency of the vision and mission of the university, goal of the college and the objective of the BSCS program**

Based from the accumulated responses of the stakeholders as presented in table 4, the activities along the instruction indicator was rated 4.31 with a descriptive rating of “Very Highly Congruent” which implies that educational practices in the college are in-line with the VMGO.

The highest mean of 4.40 with a descriptive rating of “Very Highly Congruent” signify that in attaining student’s IT competency and desirable work values, On-the-Job training is a need. Lectures in classrooms would not suffice the learning of the student and needs to be exposed to the industry sector to fully attain total human development. The lowest mean of 4.15 still rated as highly congruent was due to the fact that majority of respondents were not responsible in the preparation of the documents, rather the indirect recipients.

**TABLE 4**  
**LEVEL OF CONGRUENCY OF THE VMGO**  
**ALONG INSTRUCTION**

Indicators	Mean	Descriptive Rating
1. Curricular revision and enrichment activities are conducted	4.24	Very Highly Congruent
2. Faculty members provide quality instruction	4.38	Very Highly Congruent
3. Faculty members and students are encouraged to take up competency examinations	4.30	Very Highly Congruent
4. Students participate on academic and cultural competitions	4.29	Very Highly Congruent
5. Faculty members and students attend in IT conferences and seminar workshops	4.33	Very Highly Congruent
6. On-the-Job training is offered to BSCS students	4.40	Very Highly Congruent
7. Systems, computer-aided instruction and online solutions are developed for instruction	4.36	Very Highly Congruent
8. Various teaching methods, strategies and relevant instructional materials are applied and utilized.	4.35	Very Highly Congruent
9. Documents needed for instruction are prepared	4.15	Highly Congruent
<b>Average Mean</b>	<b>4.31</b>	<b>Very Highly Congruent</b>

**TABLE 5**  
**LEVEL OF CONGRUENCY OF THE ALONG RESEARCH**

Indicators	Mean	Descriptive Rating
1. Research based instructional materials are developed	4.20	Very Highly Congruent
2. Research is integrated in the curriculum, as Thesis A and Thesis B	4.25	Very Highly Congruent
3. College research journal are produced	4.22	Very Highly Congruent
4. In-house training and seminars are participated by faculty members	4.27	Very Highly Congruent
5. Students and faculty members engage on international, national and research for a	4.23	Very Highly Congruent
6. Research presentations and participation to national and international journals are encouraged	4.40	Very Highly Congruent
<b>Average Mean</b>	<b>4.26</b>	<b>Very Highly Congruent</b>

As presented in table 5, the composite mean of 4.26 discloses that the research program of the college is “Very Highly Congruent”. It is an indication that the conduct of research is necessary in the attainment of the VMGO.

The respondents perceive the importance of participation to national and international research presentation of the students and faculty members which is quantified by the highest mean of 4.40 described as “Very Highly Congruent”. Attending to such could be an avenue where students can learn in a scientific environment at the same time developing their personal and interpersonal skills. It is noteworthy that even the lowest mean of 4.20 is still described as “Very Highly Congruent”.

Table 6 presents the result as to the appropriateness of the extension activities to the VMGO was proven to be “Very Highly Congruent” with a mean of 4.27. It can be inferred from the result that extension activities are effective means in attaining the objective of the program particularly in the upliftment of the community life.

In detail, the respondents asserted that the development of systems and websites for agencies and other linkages is the most suitable activity to be undertaken along this program which can be gleaned in the highest mean of 4.38. It is fitting because

it could improve the community life most especially on the economic sector and it improves the technical skills and IT competencies of the developers. The lowest on the other hand, acquired a mean of 4.14. The result implies that clean-up drive and tree planting activities still have direct effect in the upliftment of the community life most especially on the economic sector. Nonetheless, it is still rated as “Highly Congruent”

**TABLE 6**  
**LEVEL OF CONGRUENCY OF ALONG EXTENSION**

Indicators	Mean	Descriptive Rating
1. Clean-up drive and tree planting activities are conducted	4.14	Highly Congruent
2. Professor in the Barangay (PIB) is conducted in which faculty members and students serve as trainers and facilitators respectively.	4.22	Very Highly Congruent
3. Faculty members participate on extension programs as speakers and facilitators.	4.24	Very Highly Congruent
4. Systems and websites are developed for agencies and other linkages.	4.38	Very Highly Congruent
5. Computer Literacy Training is conducted to the adopted barangay every school year	4.30	Very Highly Congruent
6. Share-a-ware program is conducted for elementary students.	4.33	Very Highly Congruent
<b>Average Mean</b>	<b>4.27</b>	<b>Very Highly Congruent</b>

**TABLE 7**  
**LEVEL OF CONGRUENCY OF THE VMGO**  
**ALONG PRODUCTION**

Indicators	Mean	Descriptive Rating
1. General Appropriation Act is implemented	4.22	Very Highly Congruent
2. Cost recover/cost cutting is observed	4.18	Highly Congruent
3. Modules are produced which are used in instruction, Computer Literacy Training Program and Advance Computer Skill Development Training Program	4.25	Very Highly Congruent
4. Systems and websites are developed by faculty members and students for the different agencies	4.38	Very Highly Congruent
5. The college serves as a training center that serves as Income Generating Project	4.20	Very Highly Congruent
<b>Average Mean</b>	<b>4.25</b>	<b>Very Highly Congruent</b>

Indicators along production as reflected in table 7 emerged as “Very Highly Congruent” denoted by the mean of 4.25. This signifies that the College of Computer Science devised income generating projects which are in parallel with the VMGO.

The highest mean of 4.38 with the descriptive rating of “Very Highly Congruent” could suggest that the development of systems and website is the most suitable IGP for the college. The lowest garnered the mean of 4.18 indicates that the cost cutting is not perfectly congruent with the VMGO. Nonetheless, the result is described as “Highly Congruent”.

Table 8 shows the summary of the level of congruency of the four fold function of the university along the vision, mission goals and objectives of the college. It can be gleaned on the vertical mean that all of the programs are highly congruent as quantified by the mean 4.27. It can be inferred from the result

that all of the activities conducted in the college are guided and aligned with the desired objective and goals of the college.

From among the indicators, instruction was perceived to be the most congruent since it has the highest mean of 4.31. This only implies that all activities under instruction is carefully planned and executed to fulfill the desired objectives and goals for the students to achieve. The lowest mean having 4.25 yet still describe as very highly congruent belongs to production.

The congruency of the VMGO to the activities of the College of Computer Science supports the concept of Thompson and Strickland (1996) which stressed the relevance of the VMGO to the institution's offerings. The purpose of the vision and mission statements is, among others, to give customer/client and other stakeholders an overview of the identity of the organization in terms of who they are, what they do, and where they are headed.

TABLE 8  
SUMMARY OF THE LEVEL OF CONGRUENCY  
OF THE VMGO ALONG THE FOUR AREAS

Area	Mean	Descriptive Rating
1. Instruction	4.31	Very Highly Congruent
2. Research	4.26	Very Highly Congruent
3. Extension	4.27	Very Highly Congruent
4. Production	4.25	Very Highly Congruent
Average Mean	4.27	Very Highly Congruent

### 3.3 Extent Of Implementation Of The Vision And Mission Of The University, Goal Of The College And The Objective Of The BSCS Program Along Instruction

TABLE 9  
EXTENT OF IMPLEMENTATION OF THE VMGO  
ALONG INSTRUCTION

Indicators	Mean	Descriptive Rating
1. Curricular revision and enrichment activities are conducted	2.32	Fully Implemented
2. Faculty members provide quality instruction	2.40	Fully Implemented
3. Faculty members and students are encouraged to take up competency examinations	2.40	Partially Implemented
4. Students participate on academic and cultural competitions	2.40	Fully Implemented
5. Faculty members and students attend in IT conferences and seminar workshops	2.20	Partially Implemented
6. On-the-Job training is offered to BSCS students	2.50	Fully Implemented
7. Systems, computer-aided instruction and online solutions are developed for instruction	2.44	Fully Implemented
8. Various teaching methods, strategies and relevant instructional materials are applied and utilized.	2.45	Fully Implemented
9. Documents needed for instruction are prepared	2.40	Fully Implemented
Average Mean	2.39	Fully Implemented

Result as to the extent of implementation of the activities along instruction were proven to be "Fully Implemented" with an average of means equal to 2.39 as revealed in table 8. This is a

clear indication that educational practices are observed and implemented in the college.

The conduct of On-the-Job training is perceived by the stakeholders the highest which is quantified by the mean of 2.50. This result is evident due to the fact that all the stakeholders are involved in this activity. Further analysis on the table shows the lowest indicator with a mean of 2.20 and ascribed as "Partially Implemented". This result infers the implementation of the program at large. Due to financial restraints, the college could not fully implement the program.

### 3.4 Extent Of Implementation Of The Vision And Mission Of The University, Goal Of The College And The Objective Of The BSCS Program Along Research

TABLE 10  
EXTENT OF IMPLEMENTATION OF THE VMGO  
ALONG RESEARCH

Indicators	Mean	Descriptive Rating
1. Instructional materials are developed and based on conducted	2.44	Fully Implemented
2. Research is integrated in the curriculum, as Thesis A and Thesis B	2.47	Fully Implemented
3. College research journal are produced	2.20	Partially Implemented
4. In-house training and seminars are participated by faculty members	2.39	Fully Implemented
5. Students and faculty members engage on international, national and research fora	2.39	Fully Implemented
6. Research presentations and participation to national and international journals are encouraged	2.39	Fully Implemented
Average Mean	2.38	Fully Implemented

Items in table 10, indicates that all the services along research were accumulatively rated as "Fully Implemented" given its grand mean of 2.42. The result implies that activities in the research program are realized.

Based from the accumulated responses, the integration of research on Thesis writing courses is evidently put into practice which garnered the highest mean of 2.47. This result implies that all stakeholders are aware that prior to graduation, a student is required to finish a study. The lowest, with a mean of 2.20 and a descriptive rating of "Partially Implemented" could be attributed to the reason that college journals is only published and distributed to the college. Though it is regularly printed, the stakeholders are not aware of its production which may have caused their perception.

### 3.5 Extent Of Implementation Of The Vision And Mission Of The University, Goal Of The College And The Objective Of The BSCS Program Along Extension

In line with the completion of extension projects of the college as reflected in table 11, respondents perceived that it is "Fully Implemented" justified with the collective mean of 2.37. This result implies that the enumerated extension programs are really conducted to communities needing the service. The

lowest mean of 2.30 ascribed as “Fully Implemented” is due to the fact that clean-up drive and tree planting activities are not conducted frequently in the college.

**TABLE 11**  
**EXTENT OF IMPLEMENTATION OF THE VMGO**  
**ALONG EXTENSION**

Indicators	Mean	Descriptive Rating
1. Clean-up drive and tree planting activities are conducted	2.30	Fully Implemented
2. Professor in the Baranggay (PIB) is conducted in which faculty members and students serve as trainers and facilitators respectively.	2.40	Fully Implemented
3. Faculty members participate on extension programs as speakers and facilitators.	2.38	Fully Implemented
4. Systems and websites are developed for agencies and other linkages.	2.43	Fully Implemented
5. Computer Literacy Training is conducted to the adopted barangay every school year	2.35	Fully Implemented
6. Share-a-ware program is conducted for elementary students.	2.38	Fully Implemented
<b>Average Mean</b>	<b>2.37</b>	<b>Fully Implemented</b>

**3.6 Extent Of Implementation Of The Vision And Mission Of The University, Goal Of The College And The Objective Of The BSCS Program Along Production**

In light with the implementation of the activities along production, the mean 2.36 from table 12 manifest that these activities are fully implemented. This fact substantiates that the college give much importance in the operation of income generating projects.

In detail, the highest garnered mean was 2.44 with a descriptive rating of “Fully Implemented”. This result is credited to the systems and websites which are successfully deployed and delivered to different agencies. It could be observed that the lowest mean rating of 2.20 implies that instructional materials as of the mean time are still under the process of research and are not yet implemented.

**TABLE 12.**  
**EXTENT OF IMPLEMENTATION OF THE VMGO**  
**ALONG PRODUCTION**

Indicators	Mean	Descriptive Rating
1. General Appropriation Act is implemented	2.40	Fully implemented
2. Cost recover/cost cutting is observed	2.35	Fully implemented
3. Modules are produced which are used in instruction, Computer Literacy Training Program and Advance Computer Skill Development Training Program	2.20	Partially implemented
4. Systems and websites are developed by faculty members and students for the different agencies	2.44	Fully implemented
5. The college serves as a training center that serves as Income Generating Project	2.39	Fully implemented
<b>Average Mean</b>	<b>2.36</b>	<b>Fully implemented</b>

**4. Summary of Findings**

The study employed descriptive method research in determining the level of awareness and acceptability of the university vision, mission, goal and objectives of the College of Computer Science. Furthermore, it sought for the level of congruency and the extent of implementation of the activities conducted in the college to the attainment of the VMGO. From the stakeholders, 244 were taken as respondents which was categorized as faculty members and staff, students, parents, alumni and representative from the industry sector.

Based from the results, the respondents perceived that the VMGO is very highly acceptable and they are very highly aware which can be supported with the garnered average means of 4.30, 4.29 and 4.35 respectively.

As to the congruency of the VMGO with the operation of the college specifically in instruction, research, extension and production findings proved that it is “Very Highly Congruent” which can be justified with the mean of 4.27. Furthermore, the responses also revealed that the aforementioned activities area also “Fully Implemented” in the college.

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