



**Department of Geodetic Engineering**  
**College of Engineering and Technology**  
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| MFO No.        | MFO Description  | Success/Performance Indicator (PI) | Units/Persons Responsible | Target | Actual Accomplishments | Rating  |            |            |         | Remark |
|----------------|--|------------------------------------|---------------------------|--------|------------------------|---------|------------|------------|---------|--------|
|                |  |                                    |                           |        |                        | Quality | Efficiency | Timeliness | Average |        |
| <b>UMFO 1.</b> | <b>ADVANCED EDUCATION SERVICES</b>   |                                    |                           |        |                        |         |            |            |         |        |
|                | <b>OVPI MFO 1. Graduate Degree Program Management Services</b>               |                                    |                           |        |                        |         |            |            |         |        |
|                | <b>PI 1:</b> Number of graduate degree specializations offered and monitored |                                    |                           |        |                        |         |            |            |         |        |
|                | <b>PI 2:</b> Total FTE monitored   |                                    |                           |        |                        |         |            |            |         |        |

|  |  |           |       |                |   |          |   |             |   |
|--|--|-----------|-------|----------------|---|----------|---|-------------|---|
|  | PI 3: Percentage of students who graduated within the prescribed period  |           |       |                |   |          |   |             |   |
|  | <b>OVPI MFO 2. Graduate Student Management Services</b>  |           |       |                |   |          |   |             |   |
|  | PI 1: Percentage of graduate students awarded with honors/distinction  |           |       |                |   |          |   |             |   |
|  | PI 2: Percentage of graduate students advised who rated the adviser/GAC member at least very satisfactory  |           |       |                |   |          |   |             |   |
|  | PI 3: Percentage of graduate school faculty engaged in research work applied in any of the following:  |           |       |                |   |          |   |             |   |
|  | a. Pursuing advanced research degree program   |           |       |                |   |          |   |             |   |
|  | b. Actively pursuing in the last three years (investigative research, basic and applied scientific research, policy research, social science research) |           |       |                |   |          |   |             |   |
|  | c. Producing technologies for commercialization or livelihood improvement  |           |       |                |   |          |   |             |   |
|  | d. whose research work resulted in an extension program  |           |       |                |   |          |   |             |   |
|  | <b>Total Points:</b>   |           |       | <b>Total n</b> |   | <b>0</b> |   | <b>0.00</b> |   |
|  | <b>UMFO 2. HIGHER EDUCATION SERVICES</b>   |           |       |                |   |          |   |             |   |
|  | <b>OVPI MFO 1. Curriculum Program Management Services</b>  |           |       |                |   |          |   |             |   |
|  | PI 1: Total FTE Monitored  | DCGM, HBC | 41.00 | 122.95         | 5 | 5        | 5 | 5.00        | DCGM = 13.35<br>JJLR = 9.50<br>RRD = 24.70<br>GLSS = 32.05<br>JPNA = 25.10<br>ECC = 18.25<br>ABL = 8.10 |
|  | PI 2: Percentage of undergraduate curricular program compliant to CMO approved and offered   | DCGM, HBC | 100%  | 100%           | 5 | 5        | 5 | 5.00        | BSGE  |
|  | PI 3: Average percentage passing in licensure exam   | DCGM      | 80%   | 88.24%         | 5 | 5        | 5 | 5.00        | There were 15 out of 17 BSGE Graduates who passed the 2019 Board Exam                                   |
|  | PI 4: Percentage of first time licensure exam takers who passed the licensure exam   | DCGM      | 80%   | 93.75%         | 5 | 5        | 5 | 5.00        | There were 15 out of 16 first takers who passed the 2019 Board Exam                                     |



|  |   |             |     |      |          |   |   |      |  |
|--|---|-------------|-----|------|----------|---|---|------|--|
|  | <b>PI 5:</b> Number of students who graduated within the prescribed period  | All faculty | 80% | 50%  | 5        | 4 | 3 | 4.00 | Only 1 out of 2 students who filed application for graduation graduated within the prescribed period                     |
|  | <b>PI 6:</b> Percentage increase in the number of undergraduate students who graduated within prescribed period               | All faculty | 10% | 0%   | 5        | 4 | 4 | 4.33 | The Department expected zero applicant every first semester  |
|  | <b>PI 7:</b> Percentage of graduates (two years prior) who are employed and/or pursuing graduate studies                      | All faculty | 85% | 100% | 5        | 5 | 5 | 5.00 | All BSGE graduates were employed mostly less than a year after passing the board   |
|  | <b>PI 8:</b> Number of academe/industry linkages established  | All faculty | 2   | 4    | 5        | 5 | 5 | 5.00 | Tribounds Surveying and Engineering Services, EC Surveying and Titling Solutions, Lucero Surveying Services, LGU-Baybay, |
|  | <b>PI 9:</b> Number of thesis/special problems of students:   |             |     |      |          |   |   |      |  |
|  | a. Thesis outline/manuscript/ Case studies/ Special Problems/ OJT Narrative reports/ Engineering Projects/ Portfolios advised | All faculty | 10  | 38   | <u>5</u> | 4 | 3 | 4.00 | OJT Narrative Report and Special Study, Geng 153 Special Project   |
|  | b. Thesis outline/manuscript/Case Studies/Special Problems/OJT Narrative Reports/Engineering Projects/Portfolios approved     | All faculty | 6   | 19   | 5        | 5 | 4 | 4.67 | Special Study, Geng 153 Special Project  |
|  | <b>PI 10:</b> Number of student organizations advised/assisted  | DCGM, RRD   | 2   | 3    | <u>5</u> | 5 | 5 | 5.00 | GEP-VSUSC, COE-SSC, DOST   |
|  | <b>PI 11:</b> Number of instructional materials developed/revised   |             |     |      |          |   |   |      |  |

|         |   |                   |   |          |          |   |   |       |   |
|---------|---|-------------------|---|----------|----------|---|---|-------|---|
|         | a. OBE - compliant syllabi  | All faculty       | 3 | 17       | <u>5</u> | 5 | 3 | 4.33  | GEng 155, GEng 151, ESci 122g, GEng 144, GEng 153, GEng 145, GEng 159, GEng 133, GEng 158, GEng 123n, GEng 133c, GEng 113, GEng 111, GEng 127, GEng 161, ESci 139, GEng 125 |
|         | b. Teaching guides/Student guides/Laboratory Manuals  | Concerned Faculty | 1 | 6        | <u>5</u> | 5 | 4 | 4.67  | GEng 123n, GEng 111, GEng 133c, GEng 153, GEng 144, ESci 122g   |
|         | c. Complete sets of teacher-developed audio visual materials (powerpoints, videos, computer games, etc) | Concerned Faculty | 2 | 17       | <u>5</u> | 5 | 5 | 5.00  | GEng 155, GEng 151, ESci 122g, GEng 144, GEng 153, GEng 145, GEng 159, GEng 133, GEng 158, GEng 123n, GEng 133c, GEng 113, GEng 111, GEng 127, GEng 161, ESci 139, GEng 125 |
|         | d. On-line interactive learning resources per subject   |                   | 0 |          |          |   |   |       |   |
|         | PI 12: Number of instruction-related awards   |                   | 0 |          |          |   |   |       |   |
|         | Periodic Revision of OBE Syllabi  |                   |   |          |          |   |   |       |   |
|         | Submission of Student Performance Based on Course Outcomes (CQI Form 6)                                 |                   |   |          |          |   |   |       |   |
|         | Group Consultation of Student Advisees by their academic adviser  |                   |   |          |          |   |   |       |   |
|         | Number of National Student awards   |                   | 0 |          |          |   |   |       |   |
|         | Number of honor graduates   |                   |   |          |          |   |   |       |   |
|         | Total Points  |                   |   | Total n: |          |   |   | 66.00 |   |
| UMFO 3. | RESEARCH SERVICES   |                   |   |          |          |   |   |       |   |
|         | PI 1. Number of research proposals submitted  | Concerned Faculty | 0 |          |          |   |   |       |   |
|         | PI 2. Number of research proposals approved   |                   | 0 |          |          |   |   |       |   |



|  |  |                       |   |   |   |   |   |      |   |
|--|--|-----------------------|---|---|---|---|---|------|---|
|  | <i>PI 3. Number of research studies conducted</i>  | DCGM, RRD, JPNA, GLSS | 1 | 2 | 4 | 4 | 3 | 3.67 | 1) Hydrological and Geomorphological Analysis for Flood Hazard Risk Assessment<br>2) 3D Visualization and Analysis of High Resolution Flood Maps at Different Climate Change Scenarios in Major River Basins in Eastern Visayas   |
|  | <i>PI 4. Number of research projects/studies completed within the year</i>   | DCGM, JPNA            | 1 | 0 | 4 | 4 | 2 | 3.33 | 80% complete  |
|  | <i>PI 5. Number of research papers (oral presentation, posters, keynote speaker, plenary speaker) presented in regional/national/ int'l scientific/professional fora and conferences</i> |                       |   |   |   |   |   |      |   |
|  | <i>In int'l fora/conferences</i>   | Concerned faculty     | 0 | 4 | 5 | 5 | 5 | 5.00 | DCGM = presented a paper entitled "Capture of a building Shell by Photoscan Processing" and "Flood Simulations of Binahaan River at Different Climate Change Scenarios" in the 3rd International S.T.E.A.M Research Congress.<br>The "Integration of BMIS and GIS was presented in the 10th International Conference and Summer School in Applied Geoinformatics for Society and Environment (AGSE)".<br>JJLR = presented a paper entitled "Mapping of Sargassum Distribution in the Eastern Coast of Southern Leyte Using Sentinel 2 Satellite Imagery" in PhilGEOS X GeoAdvances 2019 Conference. |
|  | <i>In nat'l fora/conferences</i>   |                       |   |   |   |   |   |      |   |
|  | <i>In reg'l fora/conferences</i>   |                       |   |   |   |   |   |      |   |

|                |  |                   |    |    |                 |   |   |              |   |
|----------------|--|-------------------|----|----|-----------------|---|---|--------------|---|
|                | <i>In institutional fora/conferences</i>   |                   |    |    |                 |   |   |              |   |
|                | <b>PI 6.</b> Number of paper submitted for publication in internationally indexed journals                       |                   | 0  | 1  | 5               | 5 | 5 | 5.00         | "Mapping of Sargassum Distribution in the Eastern Coast of Southern Leyte Using Sentinel 2 Satellite Imagery"   |
|                | <b>PI 7.</b> Number of published papers in peer-reviewed journals  | Concerned faculty | 0  |    |                 |   |   |              |   |
|                | <i>In refereed int'l journals</i>  |                   |    |    |                 |   |   |              |   |
|                | <i>In refereed nat'l journals</i>  |                   |    |    |                 |   |   |              |   |
|                | <i>In institutional journals</i>   |                   |    |    |                 |   |   |              |   |
|                | <b>PI 8.</b> Number of patents/Utility Models/copyrights filed and registered                                    |                   | 0  |    |                 |   |   |              |   |
|                | <b>PI 9.</b> Amount of research money generated from external funding (Thousand PHP)                             |                   | 0  |    |                 |   |   |              |   |
|                | <b>PI 10.</b> Amount of research money generated from institutional funding (Thousand PHP)                       | Concerned faculty | 10 | 20 | 5               | 4 | 5 | 4.67         | Php 10,000 per research:<br>1) Hydrological and Geomorphological Analysis for Flood Hazard Risk Assessment<br>2) 3D Visualization and Analysis of High Resolution Flood Maps at Different Climate Change Scenarios in Major River Basins in Eastern Visayas |
|                | <b>PI 11.</b> Number of research outputs in the last three years utilized by the industry or other beneficiaries | DCGM, FFM, JCB    | 1  | 1  | 5               | 5 | 5 | 5.00         | Flood Hazard maps from Phil-Lidar project used by LGUs  |
|                | <b>PI 12.</b> Number of research-related awards (research conducted by faculty or students with faculty)         |                   | 0  |    |                 |   |   |              |   |
|                | <b>Total Points</b>  |                   |    |    | <b>Total n:</b> |   |   | <b>26.67</b> |   |
| <b>UMFO 4.</b> | <b>EXTENSION SERVICES</b>  |                   |    |    |                 |   |   |              |   |



|  |  |                                       |    |      |     |     |     |      |   |
|--|--|---------------------------------------|----|------|-----|-----|-----|------|---|
|  | <b>PI 1:</b> Number of trainees weighted by the length of training | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS | 10 | 61   | 5   | 5   | 5   | 5.00 | 1) Spatial Analysis Training for CDRA: 19 participants in 3 days<br>2) Land Use Planning: 42 participants in 5 days                                 |
|  | <b>PI 2:</b> Number of trainings conducted                         | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS | 1  | 2    | 5   | 5   | 5   | 5.00 | 1) Spatial Analysis Training for CDRA<br>2) Land Use Planning   |
|  | <b>PI 3:</b> Number of IEC materials/techno-guides developed/used  | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS | 0  | 1    | 5   | 5   | 4   | 4.67 | Trainors of Training Module on the Integration of BMIS and GIS  |
|  | <b>PI 4:</b> Number of beneficiaries served                        | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS |    |      |     |     |     |      |   |
|  | Groups   |                                       | 0  | 2    | 5   | 5   | 5   | 5.00 | VSU, LGU-Baybay   |
|  | Individuals  |                                       |    |      |     |     |     |      |   |
|  | <b>PI 5:</b> Number of technical/expert services provided/rendered |                                       |    |      |     |     |     |      |   |
|  | Research Mentoring   |                                       |    |      |     |     |     |      |   |
|  | Peer reviewers/Panelists   |                                       |    |      |     |     |     |      |   |
|  | Resource Person  | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS | 0  | 2    | 5.0 | 5.0 | 5.0 | 5.00 | 1) Spatial Analysis Training for CDRA<br>2) Land Use Planning   |
|  | Convenor/Organizer   | DCGM, JJLR, ABL, ECC, RRD, JPNA, GLSS | 0  | 2.00 | 5.0 | 5.0 | 5.0 | 5.00 | 1) Spatial Analysis Training for CDRA<br>2) Land Use Planning   |
|  | Consultancy  | DCGM, JJLR, ABL                       | 0  | 2    | 5.0 | 5.0 | 5.0 | 5.00 | 1) Formulation of Protocol on Data Gathering in the Integration of BMIS to GIS<br>2) Critiquing of Output Maps generated by LGU employees using GIS |
|  | Evaluator  |                                       |    |      |     |     |     |      |   |

|  |   |                                       |   |   |     |     |     |      |   |
|--|---|---------------------------------------|---|---|-----|-----|-----|------|---|
|  | <b>PI 6:</b> Number of extension projects conducted                                   | DCGM, JJLR                            | 0 | 2 | 5.0 | 5.0 | 4.0 | 4.67 | 1) "Baybay City's Water-Invoked Hazard-Prone Household Identification, Mitigation and Emergency Response"<br>2) "Capacitating the VSU Satellite Campuses and Selected Local Government Units in Disaster Risk Assessment using GIS"               |
|  | <b>PI 7:</b> Number of extension proposals submitted                                  | DCGM, JJLR, ABL, ECC, GLSS, RRD, JPNA | 1 | 2 | 5   | 5   | 4   | 4.67 | 1) "Capacitating the VSU Satellite Campuses and Selected Local Government Units in Disaster Risk Assessment using GIS"<br>2) "Development of a Vulnerability and Risk Assessment Protocol of Facilities and Infrastructure for Land Use Planning" |
|  | <b>PI 8:</b> Number of extension proposal approved                                    | DCGM, JJLR, ABL                       | 0 | 1 | 5   | 5   | 5   | 5.00 | 1) "Capacitating the VSU Satellite Campuses and Selected Local Government Units in Disaster Risk Assessment using GIS"  |
|  | <b>PI 9:</b> Amount of extension money generated from external funding (Thousand PhP) |                                       |   |   |     |     |     |      |   |



|  |   |                      |       |          |   |   |   |       |  |
|--|---|----------------------|-------|----------|---|---|---|-------|--|
|  | <b>PI 10:</b> Amount of extension money generated from institutional funding (Thousand PhP)   |                      | 0     | 100      | 5 | 5 | 5 | 5.00  | 1) "Capacitating the VSU Satellite Campuses and Selected Local Government Units in Disaster Risk Assessment using GIS"   |
|  | <b>PI 11:</b> Percentage of beneficiaries who rated the training course and advisory services as satisfactory or higher in terms of quality and relevance |                      | 0.00% | 100%     | 5 | 5 | 5 | 5.00  | All trainees/ beneficiaries rated the trainings conducted as above satisfactory  |
|  | <b>PI 12:</b> Number of extension-related awards (extension conducted by faculty or student and faculty)  |                      | 0     |          |   |   |   |       |  |
|  | Total Points  |                      |       | Total n: |   |   |   | 59.00 |  |
| UMFO 5. SUPPORT TO OPERATIONS (STO)            |   |                      |       |          |   |   |   |       |  |
| OVPI MFO 1. Faculty Development Services       |   |                      |       |          |   |   |   |       |  |
|  | <b>PI 1:</b> Number of faculty pursuing advanced degree programs  | DCGM                 | 3     | 3        | 5 | 5 | 5 | 5.00  | Asst. Prof. Jannet C. Bencure - <i>Ph. D in GIS and Remote Sensing</i> ,<br>Asst. Prof. Florentino F. Morales- <i>Ph. D in Land Management and Land Tenure</i> , Jr., Engr. Martin Jan E. Mercurio - <i>Ms in Geomatics Engineering in Applied Geodesy</i> |
| OVPI MFO 2. Faculty Recruiting/Hiring Services |   |                      |       |          |   |   |   |       |  |
|  | <b>PI 2:</b> Number of faculty recruited/aligned with university RSP policy and competency-based HRM  |                      |       |          |   |   |   |       |  |
| OVPI MFO 3. Faculty Evaluation Services        |   |                      |       |          |   |   |   |       |  |
|  | <b>PI 3:</b> Number of seminars/trainings/ conventions/workshops organized/ coordinated for the entire university   | DCGM, JJLR, ECC, ABL | 0     | 1        | 5 | 5 | 5 | 5.00  | Training on Land Use Planning  |
|  | <b>PI 4:</b> Number of organized/coordinated seminars/trainings/conventions/workshops outside the university  |                      |       |          |   |   |   |       |  |


|  |   |                               |     |      |   |   |   |      |   |
|--|---|-------------------------------|-----|------|---|---|---|------|---|
|  | <b>PI 5:</b> Percentage of faculty rated by students with at least very satisfactory rating of the subjects evaluated | All faculty                   | 80% | 100% | 5 | 5 | 5 | 5.00 |   |
|  | <b>PI 6:</b> Number of college/department - level seminars/trainings/workshops/reviews conducted/attended/facilitated | Concerned Faculty             | 1   | 1    | 5 | 5 | 5 | 5.00 | ISO Awareness Orientation Seminar   |
| <b>OVPI MFO 4. Program and Institutional Accrediation Services</b> |   |                               |     |      |   |   |   |      |   |
|  | <b>PI 1:</b> Number of degree programs which passed accreditation/evaluation at least level 1                         | DCGM                          | 1   | 1    | 5 | 5 | 5 | 5.00 | BSGE Program is a Level II Re-accredited in AACUP Accreditation with validity date from October 16, 2018- October 15, 2022                                  |
|  | <b>PI 2:</b> Degree program compliant with CHED requirements  | DCGM                          | 1   | 1    | 5 | 5 | 5 | 5.00 | BSGE Program is complied with the CHED Memorandum Order (CMO) No. 25, s. 2005 as well as CHED Memorandum Order (CMO) No. 12, s. 2008 since October 10, 2016 |
| <b>UMFO 6. GENERAL ADMINISTRATION &amp; SUPPORT SERVICES</b>       |   |                               |     |      |   |   |   |      |   |
|  | <b>PI 1.</b> Number of Risk Assessment/Review conducted   | DCGM, Concerned Faculty/Staff | 1   | 1    | 5 | 5 | 5 | 5.00 | Conducted review on Risk Assessment, Corretive Action Plan and SWOT Analysis on September 27, 2019  |
|  | <b>PI 2.</b> Number of risks identified   | DCGM, Concerned Faculty/Staff | 5   | 5    | 5 | 5 | 5 | 5.00 |   |
|  | <b>PI 3.</b> Number of risks adressed/minimized   | DCGM, Concerned Faculty/Staff | 5   | 5    | 5 | 4 | 4 | 4.33 |   |
|  | <b>PI 4:</b> Number of legitimate complaints received   | DCGM                          | 0   | 0%   | 5 | 5 | 5 | 5.00 |   |




|                              |   |                                  |      |                 |                    |   |              |      |                       |
|------------------------------|---|----------------------------------|------|-----------------|--------------------|---|--------------|------|-----------------------|
|                              | <b>PI 5:</b> Percentage of complaints indicated in PI 4, if any, addressed within the prescribed period   | N.A                              | 100% |                 | 5                  | 5 | 5            | 5.00 | No complaint received |
|                              | <b>PI 6. ADDITIONAL OUPUTS*</b> (In instruction, research, extension, production, and/or administration not found in the original commitment)<br><i>Preparation for the Survey of VSU Property Located in Bgry. Patag</i> | DCGM, JPNA, RRD, ECC, JJLR, GLSS | 1    | 1               | 5                  | 5 | 4            | 4.67 |                       |
|                              |   |                                  |      |                 |                    |   |              |      |                       |
|                              |   |                                  |      |                 |                    |   |              |      |                       |
|                              | * The <u>Additional Outputs</u> is considered as one (1) PI only under <u>UMFO 6</u> . Entry (ies) may just be enumerated accordingly.  |                                  |      |                 |                    |   |              |      |                       |
| <b>Total Points</b>          |   |                                  |      | <b>Total n:</b> |                    |   | <b>59.00</b> |      |                       |
| <b>Total No. of Entries:</b> |   |                                  |      |                 | <b>44</b>          |   |              |      |                       |
| <b>Total Over-all Rating</b> |   |                                  |      |                 | <b>210.67</b>      |   |              |      |                       |
| <b>Average Rating</b>        |   |                                  |      |                 | <b>4.79</b>        |   |              |      |                       |
| <b>Adjectival Rating</b>     |   |                                  |      |                 | <b>Outstanding</b> |   |              |      |                       |

DCGM-Diana Christa G. Milloza; JJLR - Juztine Jane L. Rebuyas; ECC - Eulalio C. Colubio; RRD - Rex R. Doñoiz, JPNA - James Philip N. Ancheta; GLSS - Glenda Loraine S. Sobrio; HBC - Haide B. Cuevas; CJMB - Carlo Jimm M. Bagarinao


Received by:

  
 Planning Officer  
 Date: \_\_\_\_\_

Calibrated by:

  
**REMBERTO A. PATINDOL, Ph.D.**  
 Chairman, PMT  
 Date: \_\_\_\_\_

Recommending Approval:

  
**BEATRIZ S. BELONIAS, Ph.D.**  
 Vice Pres. for Instruction  
 Date: \_\_\_\_\_

Approved:

  
**EDGARDO E. TULIN, Ph.D.**  
 University President  
 Date: \_\_\_\_\_