

# DEPARTMENT OF MECHANICAL ENGINEERING

Visca, Baybay City, Leyte, PHILIPPINES Telefax: (053) 565-0600 local 1029 Email: dme@vsu.edu.ph Website: www.vsu.edu.ph

Exhibit K

# SUMMARY OF INDIVIDUAL RATINGS OF FACULTY MEMBERS WITH MULTIPLE FUNCTIONS

Name of Faculty Member: Engr. Mark Anthony S. Arcayan

| Program Involvement<br>(1)          | Percentage<br>Weight of<br>Involvement<br>(2) | Numerical<br>Rating<br>(Rating x%) | Equivalent<br>Numerical<br>Rating<br>(2x3) |
|-------------------------------------|---|------------------------------------|--|
| 1. Instruction                      |   | 7:                                 |  |
| a. Head/Dean (50%)                  | 40%   | 4.79                               | 1.92                                       |
| b. Students (50%)                   | 40%   | 4.67                               | 1.87                                       |
| Total for Instruction               | 80%   | 2 5 1                              | 3.79                                       |
| 2. Research                         |   | 9                                  |  |
| a. Client/Dir. for Research (50%)   |   |                                    |  |
| b. Dept. Head/Center Director (50%) |   |                                    |  |
| Total for Research                  | 0   |                                    |  |
| 3. Extension                        | 7.4   |                                    |  |
| a. Client/Dir. for Extension (50%)  |   |                                    |  |
| b. Dept Head/Center Director (50%)  |   |                                    |  |
| Total for Extension                 | 0   |                                    |  |
| 4. Administration                   | 20%   | 5.00                               | 1.00                                       |
| 5. Production                       | 0   |                                    |  |
| TOTAL                               | 100%  |                                    | 4.79                                       |

2.89

**EQUIVALENT NUMERICAL RATING:** 

Add: Additional Points, if any:

TOTAL NUMERICAL RATING:

ADJECTIVAL RATING:

Outstanding

4.79

0.0

4.79

Prepared by:

Reviewed by:

MARK ANTHONY S. ARCAYAN

Name of Faculty

RONARD G. PAÑA Department Head

DOON

Recommending Approval:

JANNET C. BENCURE Gollege Dean

Approved:

BEATRIZ S. BELONIAS Vice President, Academic Affairs

### INDIVIDUAL PERFORMANCE COMMITMENT & REVIEW FORM (IPCR)

I, ENGR. MARK ANTHONY S. ARCAYAN, a faculty member of the DEPARTMENT OF MECHANICAL ENGINEERING commit to the deliver and agree to be rated on the attainment of the following accomplishments in accordance with the indicated measures for the period JULY 1 TO DECEMBER 31, 2023.

MARK ANTHONY S. ARCAYAN

Instructor I

Date: Jan . 18, 21 74

Approved:

RONARD G. PAÑA
Department Head

Date: Jm . 14, 224

JANNET C. BENCURE

2023 - 4

College Dean

Date: Jan - 18, 27

| MFO  | Description of   | Success/ Performance Indicators (PI)                                | Tasks Assigned  | Target | Actual         | Rating  |           |            |         | REMARKS   |
|------|--|---|---|--------|----------------|---------|-----------|------------|---------|---|
| No.  | MFO's/PAPs   |   |   |        | Accomplishment | Quality | Eficiency | Timeliness | Average | (Indicators in percentage should be supported with numerical values in numerators and denominators) |
| UMFO | 1. ADVANCED EDUCAT   | TION SERVICES   |   |        |                |         |           |            |         |   |
| UMFO | 2. HIGHER EDUCATION  | SERVICES  |   |        |                |         |           |            |         |   |
| OVPI | UMFO 3. Higher Education   | on Management Services  |   |        |                |         |           | 200        |         |   |
|      | PI 1. Percentage of first time licensure exam takers that pass the licensure exams                           | A1. Percentage of first time takers that passed the licensure exams | Handles and teaches courses assigned                  | 61%    | 74.80%         | 5       | 5         | 4          | 4.67    | Feb. 2023 - 27 of 31 (87.10%)<br>Aug. 2023 - 5 of 8 (62.50%)  |
|      | PI 3. Percentage of undergraduate student population enrolled in CHED-identified and RDC-identified priority | A3. Provide support to RQAT compliance for BSME Program             | Follow the CMO for BSME program                       | 100%   | 100%           | 5       | 5         | 4          | 4.67    | Assigned area:<br>Research and<br>Extension   |
|      | PI 4. Percentage of undergraduate programs with accreditations   | A4. Percentage of undergraduate programs with accreditations        | AACCUP Level I  | 100%   | 100%           | 5       | 5         | 5          | 5.00    | effective until April<br>2024   |
|      | PI 5: Total FTE, coordinated, implemented and monitored *  | A9. Actual Faculty's FTE  | Handles and teaches courses assigned                  | 34     | 82.40          | 5       | 5         | 4          | 4.67    | 2nd Sem AY 2022-<br>2023 - 34.40<br>1st Sem AY 2023-<br>2024 - 48                                   |
|      | 11101101   | A10 Number of grade sheets submitted within prescribed period       | Prepares gradesheet and submits on or before deadline |        | 9              | 5       | 4         | 4          | 4.33    | 1st Sem AY 2022-<br>2023 - 5<br>2nd Sem AY 2022-  |

|                                     | <u>A 11</u> . Number of INC forms with grade submitted within prescribed period | Facilitates students in their completion of the subject and submits completion forms with grade within prescribed period |    | 60 | 5   | 5 | 4 | 4.67 | MEng 144-1 - 58<br>MEng 143 - 1<br>ESci 124 - 1   |
|-------------------------------------|---|--|----|----|-----|---|---|------|---|
|                                     | A12. Number of trainings attended related to instruction                        | Attend mandated trainings  | 1  | 1  | 5   | 5 | 5 | 5.00 | CQI training  |
|                                     | A13. Number of long examinations administered and checked                       | Administers and checks long examination for subjects taught  |    | 39 | . 5 | 5 | 5 | 5.00 | 2nd Sem AY 2022<br>2023 - 8<br>1st Sem AY 2023-<br>2024 - 31<br>Esci 110m - 6<br>Esci 123m - 7<br>Esci 131n - 7<br>MEng 124n - 7                  |
|                                     | A14. Number of quizzes administered and checked                                 | Prepares and checks quizzes for lec and lab  |    | 58 | 5   | 5 | 5 | 5.00 | MEna 156n - 4  2nd Sem AY 2022- 2023 - 27  1 st Sem AY 2023- 2024 - 31  Esci 110m - 6  Esci 123m - 7  Esci 131n - 7  MEng 124n - 7  MEng 156n - 4 |
|                                     | A15. Number of lab reports and term papers checked and graded                   | Checks lab reports and term papers submitted as required   |    | 21 | 5   | 5 | 5 | 5.00 | 2nd Sem AY 2022<br>2023 - 9<br>1 st SEM AY 2023<br>2024 - 12<br>MEng 125 - 7<br>ME Research - 2<br>MEng 156n - 3                                  |
| PI 8: Number of students advised: * | A16. Number of students advised:  | Acts as academic adviser to students   | 87 | 87 | 5   | 5 | 5 | 5.00 | 1 st Sem and<br>2nd Sem AY 2022<br>2023<br>1 st SEM AY 2023<br>2024   |
|                                     | A17. Number of students advised on thesis/ field practice/special problem:      |  |    |    |     |   |   |      |   |

|  |   | As SRC Chairman  | Advises, and corrects research outline and thesis/SP manuscript   | 5   | 14  | 5 | 5 | 4 | 4.67 | 2nd Sem AY 2022-<br>2023 - 5<br>1st Sem AY 2023-<br>2024 - 9<br>ME Research - 7<br>ABE Research - 2   |
|--|---|--|---|-----|-----|---|---|---|------|---|
|  |   | As SRC Member  | Advises and corrects research outline and thesis/SP manuscript  | 9   | 18  | 5 | 5 | 5 | 5.00 | 2nd Sem AY 2022-<br>2023 - 9<br>1st Sem AY 2023-<br>2024 - 9<br>ME Research - 7<br>ABE Research - 2   |
|  |   | A18 Number of students entertained for consultation purposes                 | Entertains students consulting on subject taught, thesis and grades   | 101 | 110 | 5 | 5 | 5 | 5.00 | 2nd year BSME<br>students - 87<br>2nd Sem AY 2022-<br>2023 - 14<br>1st Sem AY 2023-<br>2024 - 9<br>ME Research - 7<br>ABE Research - 2                |
|  | PI 9: Number of student organizations advised/ assisted * | A19. Number of Student organizations advised                                 | Advises student organizations recognized by DSO   | 1   | 1   | 5 | 4 | 4 | 4.33 | VSU Robotics  |
|  | dosisted  | A20 . Number of Student organizations assisted on student related activities | Assists student organizations in implementing student related activities                                    | 1   | 1   | 5 | 5 | 4 | 4.67 | VSU Robotics  |
| e de la companya de l | PI 10: Number of instructional materials developed *      | A 21 : Number of on-line course ware developed and submitted :               | Prepares and submits for review by the<br>Technical Review Panel  |     |     |   |   |   |      |   |
|  | developed   | On-line ready courseware   | Prepares Instructional module/laboratory guide/workbook or a combination thereof                            |     |     |   |   |   |      |   |
|  |   | Supplemental learning resources  | Prepares Power Point presentation, video clips, movie clips, reading assignments depending on course taught |     | 83  | 5 | 5 | 5 | 5.00 | 2nd Sem AY 2022-<br>2023 - 30<br>1st Sem AY 2023-<br>2024 - 53<br>ESci 110 - 19<br>ESci 123 - 7<br>ESci 131 - 7<br>MEng 124n - 10<br>video clips - 10 |
|  |   | Assessment tools   | Prepares assessment tools such as long exam, quizzes, problems sets, etc.                                   | 6   | 66  | 5 | 5 | 5 | 5.00 | 2nd Sem AY 2022 -<br>2023 - 35<br>1st Sem AY 2023 -   |

|     |   | A 23 : Number of on-line course ware reviewed by TRP & edited by MMDC editor  | Submits the course ware duly reviewed by TRP for editing by MMDC editor  |   |    |   |   |       |      |  |
|-----|---|---|--|---|----|---|---|-------|------|--|
|     |   | A 24 : Number of virtual classroom created and operational  | Creates virtual classroom using either Moddle or Google Classroom  | 6 | 12 | 5 | 4 | 4     | 4.33 | 1st Sem AY 2022-<br>2023 - 5<br>2nd Sem AY 2022-<br>2023 - 4<br>1st Sem AY 2023-<br>2024 - 3 |
|     | PI 11. Additional outputs   | A 25. Number of Additional outputs accomplished:  |  |   |    |   |   |       |      | 4.79   |
|     |   | Program accreditation/evaluation  | Prepares documents and /or program profile and other materials required during program/institutional accreditation and/or evaluation |   |    |   |   |       |      |  |
|     |   | Agency/firm/Industry linkages   | Coordinates with potential firms and maintains linkages with firms willing to accept OJT students from VSU                           |   |    |   |   | 1 A 1 |      |  |
|     |   | A 26. Other outputs implementing the new normal due to covid 19   | Designs experiential learning activities and other outputs to implement new normal   |   |    |   |   |       |      |  |
| MFO | 3 . RESEARCH SERVICE  | ES  |  |   |    |   |   |       |      |  |
|     | PI 1. Number of research outputs in the last three (3) years utilized by the industry or by other beneficiaries *     |   | Conducts research for possible utilization by industry or other beneficiaries  |   | 65 |   |   |       |      |  |
|     | PI 2. Number of research outputs completed within the   | A 28. Number of research outputs completed within the year *  | Conducts and completes research oroject within the year  |   |    |   |   |       |      |  |
|     | PI 3. Percentage of research outputs published in internationally-referred or CHED recognized journal within the year | A 29. Percentage of research outputs published in internationally-refereed or CHED recognized journal within the year | Writes publishable materials out of research outputs and submits for publication   |   |    |   |   |       |      |  |
|     |   | In refereed int'l journals  |  |   |    |   |   |       |      |  |
|     |   | In refereed nat'l/regional journals   |  |   |    |   |   |       |      |  |
|     | PI 4. Number of research outputs presented in regional/national/ int'l  | A 30. Number of research outputs presented in regional/national/ int'l fora/conferences *                             | Prepares, submits and presents research paper in scienfic for a/conferences  |   |    |   |   |       |      |  |

|   | In int'l fora/conferences   |   |  |  |  |
|---|---|---|--|--|--|
|   | In nat'l/regional fora/conferences  |   |  |  |  |
| Pl 5. Percent of research proposals approved *                              | A 31. Percentage of of research proposals prepared, submitted and approved  | Prepares research proposals, submits and follows up its approval for immediate implementation                           |  |  |  |
| PI 6. Additional outputs*   | A 32. No. of research-related awards (research conducted by faculty or student w/ faculty)  |   |  |  |  |
|   | A 33. Number of journal articles/scientific paper received and reviewed as peer-reviewer  | Acts as peer reviewer of journal articles/scientific papers, reviews the paper received and returns duly reviewed paper |  |  |  |
|   | A 34. Number of UMs submitted to ITSO, VSU  | Prepares and submits application for UM of technology generated out of research output                                  |  |  |  |
|   | A 35.Other outputs implementing the new normal due to covid 19  | Designs research related activities and other outputs to implement new normal   |  |  |  |
| FO 4. EXTENSION SERVICE   | S   |   |  |  |  |
| partnerships with LGUs,   | LGUs, industries, NGOs, NGAs, SMEs, and other stakeholders facilitated and maintained   | Identifies and links with probable partners for extension activities and maintains this active partnership              |  |  |  |
|   | A 37. Number of trainees weighted by the length of training   | Conducts trainings among beneficiaries of technologies for transfer   |  |  |  |
| PI 3. Number of   | A 38. Number of extension programs/projects implemented   | Implementes duly approved extension projects  |  |  |  |
| PI 4. Percentage of<br>beneficiaries who rated<br>the training course/s and | A 39. Percentage of beneficiaries who rated the training course/s and advisory services as satisfactory or higher in terms of quality and relevance | Provides quality and relevant training courses and advisory services  |  |  |  |
|   | <u>A 40</u> . Number of technical/expert services as/in:  | Provides the technical and expert services requested by beneficiaries   |  |  |  |

| Research   | Research Mentor   |   |      |      |   |   |   |      |                               |
|--|---|---|------|------|---|---|---|------|-------------------------------|
| Mentoring  |   |   |      |      |   |   |   |      |                               |
| Peer   | Peer reviewers/Panelists  |   |      |      |   |   |   |      |                               |
| reviewers/Panelists  |   |   |      |      |   |   |   |      |                               |
| Resource Persons   | Resource Persons  |   |      |      |   |   |   |      |                               |
|  | Convenor/Organizer  |   |      |      |   |   |   |      |                               |
| Consultancy  | Consultant  |   |      |      |   |   |   |      | and the second                |
| Evaluator  | Evaluator   |   |      |      |   |   |   |      |                               |
| PI 8. Percent of extension proposals approved *  | A 41. Percent of extension proposals approved *   | Prepares extension project proposals,<br>submits and follow up its approval for<br>immediate implementation |      |      |   |   |   |      |                               |
| PI 11. Additional outputs  | (extn. conducted by faculty or student & faculty) *   |   |      |      |   |   |   |      |                               |
|  | A 43. Other outputs implementing the new normal due to covid 19   | Designs extension related activities and other outputs to implement new normal                              |      |      |   |   |   |      |                               |
| FO 5. SUPPORT TO OPERA   |   |   |      |      |   |   |   |      |                               |
| OVPI MFO 4. Program  | and Institutional Accreditation Services  |   |      |      |   |   |   |      |                               |
| PI 8. Compliance to all requirements thru the established/adequate implementation, maintenance and improvement of the QMS of the core processes of the College/department under ISO 9001:2015* | theQMS core processes of the university under ISO 9001:2015*  | complied with in the performance of his/her functions as faculty member                                     | 100% | 100% | 5 | 5 | 5 | 5.00 | Complaint to ISO requirements |
|  | A 45. Compliance to all requirements of the program and institutional accreditations:                                   | Prepares required documents and complies all requirements as prescribed in the accreditation tools          |      |      |   |   |   |      |                               |
|  | On program accreditations   |   |      |      |   |   |   |      |                               |
|  | On institutional accreditations   |   |      |      |   |   |   |      |                               |
| FO 6. General Admin. & Su  | pport Services (GASS)   |   |      |      |   |   |   |      |                               |
| PI 2. Zero percent complaint from clients served   | A 46. Customerly friendly frontline services  | Provides customer friendly frontline services to clients  | 100% | 100% | 5 | 5 | 5 | 5.00 | No complaint received         |
| PI 3: Additional Outputs   | A 47. Number of /new initiatives introduced resulting to best practice replicated/benchmarked by other depts/agencies * | Initiates/introduces improvements in<br>performfing functions resulting to best<br>practice                 |      |      |   |   |   |      |                               |

|                    | A 48 Other outputs implementing the new normal due to covid 19 | Designs administration/management related activities and other outputs to implement new normal |  |        |  |
|--------------------|--|--|--|--------|--|
| Total Over-all Rat | ing  |  |  | 101.00 |  |

| ting divided by 4) 4.81         | Average Rating (Total Over-all rating divided by 4) |
|---------------------------------|---|
| Iditional Points:               | Additional Points:                                  |
| copy of approval)               | Approved additional points (with copy of approval)  |
| FINAL RATING 4.81               | FINAL RATING  |
| CTIVAL RATING Very Satisfactory | ADJECTIVAL RATING                                   |

Comments & Recommendations for Development Purpose:

-Proceed with his MS studies

-Propose and conduct research

-Attend trainings, conferences, and fora

Evaluated & Rated by:

PONARD G. PAÑA
Department Head
Date:

Recommending.Approval

JANNET C. BENCURE College Dean, CET Date: Jan. 18, 22 M

Approved by:

BEATRIZ S. BELONIAS Vice President for Academic Affairs Date: 01 12 4





# DEPARTMENT OF MECHANICAL ENGINEERING

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Exhibit I

### PERFORMANCE MONITORING FORM

Name of Employee: Engr. Mark Anthony S. Arcayan

| Task<br>No. | Task Description  | Expected<br>Output      | Date<br>Assigned | Expected Date to Accomplish | Actual Date accomplished | Quality of Output* | Over-all assessment of output** | Remarks/<br>Recommendation                     |
|-------------|---|-------------------------|------------------|-----------------------------|--------------------------|--------------------|---------------------------------|--|
| 1           | Handles and teaches courses assigned  | 34                      | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Exceeds target                                 |
| 2           | Attend mandated training  | 1                       | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Attended CQI training                          |
| 3           | Acts as academic adviser to students  | 87                      | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Consultation of BSME students                  |
| 4           | Advises, and corrects research outline and thesis/SP manuscript   | 14                      | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | SRC to students taking ME and ABE Research     |
| 5           | Entertains students consulting on subject taught, thesis and grades   | 101                     | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Consultation of BSME students                  |
| 6           | Advises student organizations recognized by DSO   | 1                       | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Acts as adviser                                |
| 7           | Assists student organizations in implementing student related activities  | 1                       | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very<br>satisfactory            | Provided assistance to VSU Robotics activities |
| В           | Prepares assessment tools such as long exam, quizzes, problems sets, etc.   | 6                       | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very<br>satisfactory            | Exceeds target preparation of assessment tools |
| 9           | Creates virtual classroom using either Moddle or Google Classroom   | 6                       | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | Created virtual classrooms                     |
| 10          | Ensures that all the QMS core processes of the university are complied with in the performance of his/her functions as faculty member | zero non-<br>conformity | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very<br>satisfactory            | Complied to all requirements                   |
| 11          | Provides customer friendly frontline services to clients  | Zero % complaint        | Jan 2023         | Dec 2023                    | Dec 2023                 | Impressive         | Very satisfactory               | No complaint received                          |

\* Either very impressive, impressive, needs improvement, poor, very poor \*\* Outstanding, very satisfactory, satisfactory, unsatisfactory, poor

Prepared by:

RONARD G. PAÑA Department Head





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Exhibit L

#### **EMPLOYEE DEVELOPMENT PLAN**

Name of Employee: Engr. Mark Anthoy S. Arcayan

Performance Rating: Outstanding

Aim: To be an effective implementer of the new OBEdized four (4) year BSME degree program as provided in the new CMO 97, s. of 2017.

### **Proposed Interventions to Improve Performance:**

Date: January 2024 Target Date: December 2024

#### First Step:

- Re-orientation on the Outcomes-Based Education principles, provisions of the new Policies, Standards, and Guidelines in the offering of the new BSME curriculum as provided for in CMO 97, s. 2017 will be given.
- Monitoring and coaching on the performance of the faculty member to his committed outputs as reflected on his IPCR.
- To recommend for conferences, conventions, seminars and training aligned to his field of specialization to further strengthen his competencies and qualifications.

#### Results:

- He was able to prepare and submit approved Outcomes-Based Teaching and Learning (OBTL) Syllabi of his assigned courses for the second semester SY 2022-2023.
- Has performed his duties and responsibilities as faculty of the Department of Mechanical Engineering.

### **Next Step:**

- Continue monitoring of his accomplishments and performance to his committed outputs as reflected in his IPCR
- Organize a department-based workshop on writing Extension and Research proposals to strengthen the Department's RDE
- To continue to recommend the faculty member to attend relevant training and seminars aligned to his field of specialization

#### **Outcomes:**

- Program compliance to CMO No. 97, series of 2017
- Continuously perform his duties and responsibilities
- Draft and submit extension and research proposals aligned to his field of specialization
- Be able to attend relevant training and seminars aligned to his field of specialization

## Final Steps / Recommendations:

 Engr. Arcayan will be pursuing his MSME degree in line with his field of specialization as per the Faculty Development Program.

Prepared by:

RONARD G. PAÑA Unit Head

Conforme:

MARK ANTHONY S. ARCAYAN

Name of Ratee