Annual Report 2011
Central Mindanao University
Republic of the Philippines
CENTRAL MINDANAO UNIVERSITY
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Website: http://www.cmu.edu.ph

Office of the University President
June 18, 2012

HIS EXCELLENCY BENIGNO SIMEON C. AQUINO III
President,
Republic of the Philippines
Malacañang, Manila

Thru: HON. PATRICIA B. LICUANAN
Chair, Commission on Higher Education
HEDC Bldg., C.P. Garcia Ave.
UP Diliman, Quezon City

Sir:

I have the honor to submit to your office the Annual Report of Central Mindanao University for Calendar Year 2011.

As an institution of higher learning, CMU shall continue to vigorously pursue its mandate, vision and mission and consistently carry out its four-fold functions, namely; instruction, research, extension and production.

All these endeavors are geared in support of your Administration’s purposes, especially on poverty alleviation.

Thank you very much.

Very truly yours,

MARIA LUISA R. SOLIVEN, Ph.D.
President

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Mission
To advance the frontiers of knowledge for economic prosperity, moral integrity, social and cultural sensitivity, and environmental consciousness through equitable access to quality instruction, research, extension and production.

Vision
An academic paradise of higher learning actively committed to the total development of people for a globally sustainable environment and a humane society.

Mandate
Section 2 of Republic Act No. 4498 mandates that Central Mindanao University shall provide programs of instruction at all levels in the arts, sciences, technical, professional, educational, and philosophical fields, and shall concern itself with “pure” and “applied” research in all branches of knowledge for the intellectual and professional growth of faculty members, for the advance instruction of students, and for increasing knowledge and understanding.

CMU
Celebrating the present...
Founded on a solid past, Central Mindanao University soars high in her accomplishments, celebrating remarkably in her four-fold functions - Instruction, Research, Extension and Production.
Year 2011 marked the start of the University’s journey to another 100 years of dedicated service. As the year unfolded, we were faced with a challenge to make a difference in the next 100 years. This challenge has served as a meter stick of our accomplishments in consistently fulfilling our four-fold functions in instruction, research, extension and production.

Marked by a sterling status of Center of Excellence in Agriculture Education, Forestry Education and Veterinary Medicine; and Center of Development in Biology and Mathematics, the university maintains quality instruction in nine colleges, namely: College of Agriculture, Arts and Sciences, Commerce and Accountancy, Education, Engineering, Forestry and Environmental Science, Home Economics, Nursing, Veterinary Medicine, and a Graduate School.

In Instruction, CMU shows outstanding performance in the different fields. It ranked 3rd in the Licensure Examination for Agricultural Engineers; ranked 5th, 9th, and 10th in the Licensure Examination for Agriculturists; and obtained 100 percent passing for Mechanical Engineers. The College of Agriculture, Forestry and Veterinary Medicine were top 2, 3 and 4 among the Agriculture, Forestry and Veterinary Medicine Schools nationwide. The College of Nursing also ranked 13th among the top 16 Nursing Schools in the Philippines and ranked No. 1 in Mindanao and in Region 10 (below 30 examinees category). The University has served an average of 6,036 students for the two semesters and a total of 3,294 students during summer. It also has awarded scholarship grants to an average of 2,197. In April 2011, the University conferred 1,001 graduates of which 51 graduated with honors; 3 Magna cum Laude and 48 Cum Laude. The Graduate School on the other hand, has produced a total of 67 graduates in both MS and PhD programs.

In Research, the University continues fulfilling its mandate of conducting relevant basic and applied researches. Research findings/outputs were presented and published in local, national and international fora and refereed journals. Many of the University researchers received awards in presenting their research findings/outputs. They also have received research-related awards as Outstanding Asian Research Leader; Outstanding International Researcher; Outstanding Electronics Engineer (Education Category); Outstanding Diamond Award, Asian Award for Oral Research Presentation; Gold Paper Award, Asian Award for Oral Research Presentation; and Best Paper in Weed Science.

In Extension, CMU has established new Agrarian Reform Communities (ARCs); implemented relevant extension projects; promoted technologies and conducted various trainings based on needs; served closed to nine thousand farmers and homemakers; sustained the production of Kaabag, the official publication of the University Extension; mass produced and developed Information, Education and Communication (IEC) materials.

In Production, the University has generated a gross income of P54, 868,375.96 and a net income of P5, 799,876.60 from its major income generating projects. For Administration, CMU received a total allotment from the national government in the amount of P254,058,914.00. It has generated income from tuition and other fees in the amount of P100, 132, 925.25. The University, through the MIS, has reactivated the University website. It also has developed the Human Resource Management Information System, Communication Logs and Tracking System, Web-Based ”Grade Entry Module”, and Intranet Web-Based System “Virtual CMU”.

The new and first woman President of CMU was officially installed as University President by the Commissioner on Higher Education, Dr. William C. Medrano on July 8, 2011.
Highlights of Major Accomplishments

Instruction
Research
Extension
Production
Administration
For one hundred years now, Central Mindanao University has not stopped flying its wings. It has lived up to its commitment to provide quality education to the poor but deserving students in Mindanao. With the new challenges brought about by technology and knowledge revolution, CMU has remained steadfast and has been producing highly competent and globally competitive graduates in various fields of specialization.

As an academic institution of higher learning, CMU is highly sensitive and responsive to the needs of its various clients. It offers twenty nine (29) undergraduate academic degree programs through its nine professional colleges: Agriculture, Arts and Sciences, Commerce and Accountancy, Education, Engineering, Forestry and Environmental Science, Home Economics, Nursing and Veterinary Medicine. As a University, CMU offers thirty five (35) highly specialized graduate programs through its Graduate School. To be relevant and to cater the needs of the emerging markets, it also offers short-term Special Courses as well as TESDA competency courses.

ENROLLMENT PROFILE

The University has 8,036 and 9,000 students for the 2nd semester of 2010-2011 and 1st semester of 2011-2012, respectively. It also has a total of 3,082 students for summer 2011. These students were distributed in the different colleges of the University, including the Graduate School. Moreover, the College of Agriculture has the biggest population among degree programs in the undergraduate level.

FACULTY PROFILE

At present, CMU has a total faculty force of three hundred sixty-three (363), 83 (22%) of whom are doctoral degree holders, 148 (41%) have master’s degrees and 132 (37%) have baccalaureate degrees. With respect to the academic ranks, 31 (9%) are Full Professors, 89 (25%) are Associate Professors, 68 (19%) are Assistant Professors, 171 (47%) instructors and only one (1) University Professor.

The College of Arts and Sciences has the highest number of faculty with master’s degrees obtained, while the College of Agriculture has the highest number of doctoral degrees.

With regard to academic ranks, the College of Arts and Sciences has the highest number of faculty members with Instructor rank and the only college with a University Professor (in the person of Dr. Victor B. Amoroso), followed by the College of Engineering. Meanwhile, the College of Agriculture has the highest number of faculty with Associate Professor Rank, followed by the College of Arts and Sciences and the College of Engineering.

**SUMMARY OF ENROLLMENT BY COLLEGE**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>2,216</td>
<td>930</td>
<td>2,265</td>
</tr>
<tr>
<td>CAS</td>
<td>624</td>
<td>23</td>
<td>1,134</td>
</tr>
<tr>
<td>Accountancy</td>
<td>757</td>
<td>412</td>
<td>881</td>
</tr>
<tr>
<td>Education</td>
<td>700</td>
<td>242</td>
<td>768</td>
</tr>
<tr>
<td>Engineering</td>
<td>1,563</td>
<td>691</td>
<td>1,571</td>
</tr>
<tr>
<td>Forestry</td>
<td>407</td>
<td>211</td>
<td>555</td>
</tr>
<tr>
<td>Home Economics</td>
<td>1,082</td>
<td>255</td>
<td>1,102</td>
</tr>
<tr>
<td>Nursing</td>
<td>83</td>
<td>71</td>
<td>95</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>317</td>
<td>91</td>
<td>331</td>
</tr>
<tr>
<td>Graduate School</td>
<td>287</td>
<td>156</td>
<td>298</td>
</tr>
<tr>
<td>Total</td>
<td>8,036</td>
<td>3,082</td>
<td>9,000</td>
</tr>
</tbody>
</table>

*Average of 8,510 (2nd Semester 2010-2011 & 1st Semester 2011-2012)*
CENTRAL MINDANAO UNIVERSITY

STUDENT SCHOLARSHIPS AND RECOGNITION

Student Scholarship
As of first and second semesters SY 2011-2012, a total of 4,395 or an average of 2,197 students have availed of various scholarship grants: 3,121 of whom are institutional scholars and 1,274 non-institutional scholars.

The recipients of Institutional Scholarships are those University scholars with general weighted average (GWA) of 1.0-1.45; College scholars with GWA of 1.5-1.75; Full and Partial Entrance scholars, Valedictorian, Salutatorian and CMU Self scholars or Grant-In-Aid with GWA of 1.76 -2.0. The Non-institutional Scholars on the other hand are those Provincial/City Scholars, Barangay Scholars, Elected SK Chairman and SK Kagawad, Agricultural Competitiveness Enhancement Fund Executive Committee (ACEF-EXECOM) of various Congressmen, Overseas Workers Welfare Administration-Overseas Filipino Workers Development Scholarship Program (OWWA-OFWDSP), Department of Agriculture-Agricultural Training Institute (DA-ATI), Department of Science and Technology (DOST), and Commission on Higher Education (CHED). Other agencies which offered scholarship grants are Del Monte Foundation Inc. (DMFI), San Miguel Corporation (SMC), MENZI, Sun Life Financial Phils. Foundations, East West Seed Company, Inc. and Don Antonio Floirendo Foundation, Inc.

DISTRIBUTION OF GRADUATES WITH HONORS BY COLLEGE

<table>
<thead>
<tr>
<th>College</th>
<th>Magna Cum Laude</th>
<th>Cum Laude</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Arts and Sciences</td>
<td>1</td>
<td>18</td>
</tr>
<tr>
<td>College of Agriculture</td>
<td>1</td>
<td>9</td>
</tr>
<tr>
<td>College of Education</td>
<td>1</td>
<td>11</td>
</tr>
<tr>
<td>College of Commerce and Accountancy</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>College of Home Economics</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL</td>
<td>3</td>
<td>48</td>
</tr>
</tbody>
</table>

STUDENT RECOGNITION

In SY 2010-2011, the University awarded 51 graduates with honors; 3 Magna cum Laude and 48 Cum Laude. The College of Arts and Sciences had the highest number of graduates with honors followed by the College of Education, College of Agriculture, College of Commerce and Accountancy, College of Engineering and the College of Home Economics.

PERFORMANCE IN LICENSURE EXAMINATIONS

The University has maintained outstanding performance in the different fields. For this year, it ranked 3rd in the Licensure Examination for Agricultural Engineers; ranked 5th, 9th, and 10th in the Licensure Examination for Agriculturists; and obtained 100 percent passing for Mechanical Engineers. The College of Agriculture, Forestry and Veterinary Medicine were top 2, 3 and 4 respectively among the Agriculture, Forestry and Veterinary Medicine Schools nationwide.

The College of Nursing also ranked 13th among the top 16 Nursing Schools in the Philippines and ranked No. 1 in Mindanao and in Region 10 (below 30 examinees category).

GRADUATE PROFILE

A total of 1,001 graduates were conferred in 2011; 764 of whom for second semester of 2010-2011, 113 for summer 2011 and 124 for first semester of 2011-2012. The College of Agriculture has the greatest number in terms of graduates.

On the other hand, the Graduate School has produced a total of 67 graduates in both MS and PhD
programs from 2nd Semester SY 2010-2011 to 2nd Semester SY 2011-2012, including summer 2011.

ACCREDITATION STATUS

Central Mindanao University had been enjoying and is still maintaining her standard of quality as center of excellence in Agriculture, Forestry, and Veterinary Medicine and the Center of Development in Biology and Mathematics. CMU, through its College of Agriculture, is also recognized as the National University for Agriculture in Region X after having gone through a rigorous evaluation.

The University has 22 programs evaluated by the Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP). Nine (9) programs were granted Level III Re-accredited status, five (5) programs qualified for Level III, two (2) undergraduate programs with Level II Re-accredited status, and the Graduate School maintained the four (4) graduate programs with Level II Re-Accredited status. BSEE and BSME programs have qualified for Level III.

NATIONAL SERVICE TRAINING PROGRAM

The program has served a total of 2,917 NSTP enrollees, 1,158 of whom were males and 1,759 females. These students were enrolled in different components of NSTP; namely: CWTS 1,065, LTS 557 and ROTC with 1,117 students. However, out of the enrollment figures, only 947 finished CWTS course, while 489 and 964 finished LTS and ROTC, respectively.

<table>
<thead>
<tr>
<th>COLLEGES</th>
<th>2ND SEM 2010-2011</th>
<th>SUMMER 2011</th>
<th>1ST SEM 2011-2012</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Agriculture</td>
<td>214</td>
<td>23</td>
<td>35</td>
<td>272</td>
</tr>
<tr>
<td>College of Arts and Sciences</td>
<td>83</td>
<td>11</td>
<td>9</td>
<td>103</td>
</tr>
<tr>
<td>College of Commerce and Accountancy</td>
<td>102</td>
<td>19</td>
<td>2</td>
<td>123</td>
</tr>
<tr>
<td>College of Education</td>
<td>85</td>
<td></td>
<td>8</td>
<td>93</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>128</td>
<td>24</td>
<td>6</td>
<td>158</td>
</tr>
<tr>
<td>College of Forestry</td>
<td>15</td>
<td>10</td>
<td>10</td>
<td>35</td>
</tr>
<tr>
<td>College of Home Economics</td>
<td>46</td>
<td>2</td>
<td>38</td>
<td>86</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>47</td>
<td>2</td>
<td>-</td>
<td>-49</td>
</tr>
<tr>
<td>College of Veterinary Medicine</td>
<td>2</td>
<td>5</td>
<td>8</td>
<td>15</td>
</tr>
<tr>
<td>Graduate School</td>
<td>42</td>
<td>17</td>
<td>8</td>
<td>67</td>
</tr>
<tr>
<td>TOTAL</td>
<td>764</td>
<td>113</td>
<td>124</td>
<td>1,001</td>
</tr>
</tbody>
</table>

LICENSURE EXAMINATION PERFORMANCE

<table>
<thead>
<tr>
<th>TITLE OF EXAMINATION</th>
<th>DATE OF EXAM</th>
<th>NO. OF TAKERS</th>
<th>NO. OF PASSERS</th>
<th>CGU PERCENTAGE</th>
<th>NATIONAL PERCENTAGE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensure Examination for Accountants</td>
<td>May 2011</td>
<td>5</td>
<td>3</td>
<td>60.00</td>
<td>40.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oct. 2011</td>
<td></td>
<td></td>
<td>57.90</td>
<td>47.7</td>
<td></td>
</tr>
<tr>
<td>Licensure Examination for Agriculturists</td>
<td>July 2011</td>
<td>240</td>
<td>150</td>
<td>62.50</td>
<td>36.00</td>
<td>5th Placer – Robert Rhosos</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9th Placer – Roberto Daniel S. Quintil</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10th Placer – Edwin F. Cabalana</td>
</tr>
<tr>
<td>Licensure Examination for Civil Engineers</td>
<td>May 2011</td>
<td>12</td>
<td>7</td>
<td>58.33</td>
<td>38.34</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov. 2011</td>
<td>27</td>
<td>15</td>
<td>53.55</td>
<td>34.28</td>
<td></td>
</tr>
<tr>
<td>Licensure Examination for Foresters</td>
<td>July 2011</td>
<td>374</td>
<td>163</td>
<td>83.33</td>
<td>43.6</td>
<td>Only 10 out of 12 passed; still almost</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>100% higher than the national passing</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>percentage. Top 3 among Forestry Schools in</td>
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<td></td>
<td></td>
<td></td>
<td>the Philippines.</td>
</tr>
<tr>
<td>Licensure Examination for Mechanical Engineers</td>
<td>March 2011</td>
<td>2</td>
<td>2</td>
<td>100.00</td>
<td>53.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sept. 2011</td>
<td>16</td>
<td>15</td>
<td>93.75</td>
<td>67.09</td>
<td>15 passed out 16; only 1 failed</td>
</tr>
<tr>
<td>Licensure Examination for Nutritionists &amp; Dietitians</td>
<td>July 2011</td>
<td>10</td>
<td>9</td>
<td>90.00</td>
<td>66.97</td>
<td>Top 15 spot in terms of school performance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>nationwide.</td>
</tr>
<tr>
<td>Licensure Examination for Veterinarians</td>
<td>August 2011</td>
<td>25</td>
<td>13</td>
<td>52.00</td>
<td>36.04</td>
<td>Ranked 4th for more than 20 Vet. Schools</td>
</tr>
<tr>
<td>Licensure Examination for Nurses</td>
<td>August 2011</td>
<td>8</td>
<td>7</td>
<td>87.5</td>
<td>48</td>
<td>Ranked 13th among the top 16 Nursing Schools</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>nationwide.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Top 1 Nursing School in Mindanao and in Region</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10 (below 30 examinees category)</td>
</tr>
<tr>
<td>Licensure Examination for Chemists</td>
<td>Sept. 2011</td>
<td>19</td>
<td>6</td>
<td>31.58</td>
<td>52.54</td>
<td></td>
</tr>
<tr>
<td>Licensure Examination for Electrical Engineers</td>
<td>Sept. 2011</td>
<td>16</td>
<td>13</td>
<td>81.25</td>
<td>58.02</td>
<td></td>
</tr>
<tr>
<td>Licensure Examination for Agricultural Engineers</td>
<td>August 2011</td>
<td>31</td>
<td>25</td>
<td>80.65</td>
<td>47.81</td>
<td>3rd Placer – Engr. Kwendaal P. Rastorg</td>
</tr>
<tr>
<td>Licensure Examination for Teachers</td>
<td>April 2011</td>
<td>28</td>
<td>20</td>
<td>71.43</td>
<td>26.28</td>
<td></td>
</tr>
</tbody>
</table>
A strong Research Unit makes strong foundation of excellence. The University Research, headed by Dr. Ma. Estela B. Detalla, continues fulfilling its mandate of conducting relevant basic and applied researches to answer the needs of the region and in the country.

**ON-GOING AND COMPLETED RESEARCHES**

To date, the university has a total of 54 on-going researches, 28 of which are funded by CMU, 26 from external sources, and of the 31 completed researches, 26 are funded by CMU and five by external sources (Appendix 1, 2, 3 and 4).

The external funding sources include Commission on Higher Education (CHED), Philippine Council for Agriculture, Aquatic Resources Research and Development (PCAARRD), Department of Agriculture (DA), Department of Agriculture—I and II (DA—I and DA—I), Department of Science and Technology-Philippine Council for Agriculture, Aquatic Resources Research and Development (DOST-PCAARRD), National Seed Industry Council (NSIC), DUPontPhils. Inc., Provincial Government of Bukidnon, Australian Centre for International Agricultural Research (ACIAR), Northern Mindanao Consortium for Health Research and Development (NorMinCoHRD), and Department of Environment and Natural Resources (DENR).

**RESEARCH AWARDS**

In presenting research findings/outputs, the university researchers have received 22 and six awards related to research and development (R&D) during the Agency In-House Review (AIHR) held on June 22-23, 2011 at the Farmers Training Center (FTC), Central Mindanao University, Musuan, Bukidnon and during the Northern Mindanao Consortium for Agriculture and Resources Research and Development Regional Symposium on Research and Development Highlights (NOMCARRD RSRDH) conducted on August 4-5, 2011 at De Luxe Hotel, Cagayan de Oro City, respectively.

Apart from the R&D awards received during the AIHR and NOMCARRD RSRDH, CMU researchers also received research-related awards as Outstanding Asian Research Leader; Outstanding International Researcher; Outstanding Electronics Engineer (Education Category); Outstanding Diamond Award, Asian Award for Oral Research Presentation; Gold Paper Award, Asian Award for Oral Research Presentation; Gold Paper Award, Asian Award for Oral Research Presentation; Gold Paper Award, Asian Award for Oral Research Presentation; and Best Paper in Weed Science from the Philippine Association of Institutions for Research (PAIR), Asian Conference for Higher Education Research (ACHER); and Pest Management Council of the Philippines (PMCP).

The Outstanding Asian Research Leader Award 2011 recognizes the exemplary and altruistic contribution of a researcher who lead the advancement of research in the Asian continent and beyond the borders. Involvement

**Winners of Best R & D Papers and Posters during NOMCARRD RSRDH**

<table>
<thead>
<tr>
<th>RANK</th>
<th>RESEARCH CATEGORY (AFNR)</th>
<th>RESEARCH TITLE</th>
<th>RESEARCHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Research Category (AFNR)</td>
<td>1st Taxonomy and Morphology of Threatened, Endemic, Rare and Economic Species (TERES) of Vascular Plants</td>
<td>Dr. Victor B. Amoroso; Dr. Florfe M. Acma, Prof. Hannah P. Lumista, Dr. Conazon G. Alava, Dr. Lesley C. Lubos, Mr. Fulgent A. Cortico</td>
</tr>
<tr>
<td></td>
<td>2nd Diversity Study of Butterflies in South Philippines at the Eminent Climate Change</td>
<td>Dr. Alma B. Mohagan Prof. Antonio E. Tambuli</td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td>Development Category (AFNR)</td>
<td>1st Mt. Malindang Rainforestation Project: From Research to Development</td>
<td>Dr. Victor B. Amoroso; Dr. Belen O. Daba, For. Eden O. Pito, Dr. Aart Vandenberg, Dr. Anton Stoelticker &amp; Mr. Fulgent P. Cortico</td>
</tr>
<tr>
<td></td>
<td>2nd Barangay Animal Health Worker Development Project</td>
<td>Dr. Emmanuel T. Baltazar; Dr. Maria Lebeita B. Montemayor; Dr. Jose A. Escarlos, Jr.; Dr. Anecito G. Juan; Dr. Roy V. Villorejo; Dr. Peter R. Orbase; Dr. Hazel Marie R. Boloron; Dr. Jose M. Obdencicio, Jr.; Dr. Ruby H. Destajo</td>
<td></td>
</tr>
<tr>
<td>C.</td>
<td>Poster (AFNR)</td>
<td>1st The Pitcher Plants in Two Mindanao Forests</td>
<td>Dr. Victor B. Amoroso; Mr. Fulgent P. Cortico</td>
</tr>
<tr>
<td>D.</td>
<td>Poster (Non-AFNR)</td>
<td>2nd Intellectual Development, Learning Styles, Approaches and Attitudes of Engineering Students: A Causal Model on their Performance in Algebra</td>
<td>D. Nenita I. Prado; Dr. Raul C. Orongan, Dr. Loreto N. Romero; Prof. Leoncio Mariano C. Acma; Ms. Rose Ann T. Isada</td>
</tr>
</tbody>
</table>
means leading the execution of Memorandum of Agreement/Understanding between organizations, institutional partnerships, organizing international conferences/for a; managing research organizations and journal publications; speakerships in major event, awards and distinctions.

RESEARCH PUBLICATIONS
A number of research findings/outputs were published within the year. These include publications as abstracts or full papers; publications in proceedings, scientific journals or as a book section. The coverage/ scope ranged from international, national and local (Appendix 6).

AGENCY ANNUAL IN HOUSE REVIEW (AIHR)
The Research Unit conducted the 24th AIHR of Completed and On-going Researches on June 22-23, 2011 at the CMU Farmers Training Center (FTC). The activity aimed to evaluate on-going and completed researches and select the best oral and poster papers, disseminate significant research results and their contribution to national goals and research agenda, promote interaction between and among researchers on research findings and technologies generated for field testing and dissemination, strengthen R & D capabilities of CMU researchers through sharing of research outputs and experiences, and identify future R & D activities from the on-going and completed research projects/studies.

A total of 50 research and development (R&D) papers were presented and evaluated. Twenty-three (23) of which were research papers, 12 were development papers and 15 were theses and dissertations.

The evaluators were mostly from the member agencies of NOMCARRD. The top three winning research and development papers, best posters and best thesis in the AIHR along the areas of Agriculture, Fisheries and Natural Resources (AFNR) were presented in the NOMCARRD Regional Symposium on R&D Highlights (RSDH).

<table>
<thead>
<tr>
<th>RESEARCHER</th>
<th>AWARD</th>
<th>AWARD-GIVING ORGANIZATION/FORUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Anthony M. Penaso</td>
<td>Outstanding Asian Research Leader</td>
<td>Phil. Association of Institutions for Research (PAIR) International Association for Multidisciplinary and Research</td>
</tr>
<tr>
<td>Dr. Andrea G. Azuelo</td>
<td>Outstanding International Researcher</td>
<td>Phil. Association of Institutions for Research (PAIR) International Association for Multidisciplinary and Research</td>
</tr>
<tr>
<td>Dr. Alkar L. Detalla, P.E.C.E.</td>
<td>Outstanding Electronics Engineer</td>
<td>Institute of Electronics Engineers of the Philippines</td>
</tr>
<tr>
<td>Dr. Victor B. Amoroso</td>
<td>Diamond Award,Asian Award for Oral Research Presentation</td>
<td>Asian Conference for Higher Education Research</td>
</tr>
<tr>
<td>Dr. Almas B. Mahagan</td>
<td>Gold paper Award,Asian Award for Oral Research Presentation</td>
<td>Asian Conference for Higher Education Research</td>
</tr>
<tr>
<td>Dr. Nenita I. Pruda</td>
<td>Diamond Award,Asian Award for Oral Research Presentation</td>
<td>Asian Conference for Higher Education Research</td>
</tr>
<tr>
<td>Dr. Maria Estela B. Detalla</td>
<td>Best Paper in Weed Science</td>
<td>Pest Management Council of the Philippines (PMCP)</td>
</tr>
</tbody>
</table>

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SEMINARS AND SYMPOSIA

The unit has sponsored/co-sponsored seminars and symposia, which include: “Education for Sustainable Development (ESD) for Higher Education” with Dr. Dahe Jiang of Tongji University in China as speaker; “Methane Emission and Oxidation in Agricultural Soils” with Prof. Pil Jo Kim of the Gyeongsang National University of South Korea as speaker; “Bridging Research and Policy” with Engr. Cezilio Y. Clarate of NEDA-10 as speaker; and “Research Opportunities on Biotechnology” with Dr. Candida Dalla of the Department of Agriculture (DA) as speaker.

LINKAGES

Through collaborative research, the unit has established linkages with CHED, PCAARRD Grants-In-Aid (PCARRD-GIA), Philippine Rice Research Institute (PHRI), National Research Council of the Philippines (NRCP), DOST, Department of Tourism (DOT), Philippine Council for Health Research and Development (DOST-PCHRD), NorMinCoHRD, Institute of Northern Mindanao Agricultural Science and Technology (INOMAIST), Philippine Council for Health Research and Development (PHCNRD), University Museum, and others.

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23rd NOMCARRD Regional Symposium on Research and Development Highlights

The 23rd NOMCARRD Regional Symposium on Research and Development (R&D) Results and Utilization was conducted on August 4 & 5, 2011 at De Luxe Hotel, Cagayan de Oro City with the theme “Agricultural Research and Development Towards Climate Change Adaptation in Northern Mindanao”. The Liceo de Cagayan University (LDCU) hosted this year’s R&D symposium with Dr. Glenn G. Gregorio, an IRRI Scientist as the guest speaker.

R & D RESULTS AND UTILIZATION

Technology to People (T2P) and Bazaar

The consortium has conducted the “Technology to People (T2P) and Bazaar” on November 16, 2011 at the Central Mindanao University Research and Extension Grounds with the theme “Towards Commercialization of Science & Technology Products”. Highlights of the activity included Technology Presentations on Chemical-Free Carrot, Dairy Goat, and Engineered Bamboo Production; Display of S & T products such as engineered bamboo, goat’s milk soap, carrot juice and other DOST products; Test taste and evaluation of S & T products; Demonstration on soap making using goat’s milk and carrot juice making; and Survey on the adoption of Chemical-Free Carrot Production technology.

CAPABILITY BUILDING AND GOVERNANCE

Extension
The University Extension is responsible in bringing about desirable changes among people in its service. With the leadership of Dr. Emmanuel T. Baltazar, the office has continued implementing its major programs and projects as tangible evidence of its continued support to the university’s goals to provide technical expertise to the clientele.

The office has established two new Agrarian Reform Communities (ARCs), implemented eight relevant extension projects with 32 studies from 6 different Colleges of the University, promoted ten technologies and conducted 87 trainings based on needs with 3,047 participants, served a total of 8,990 farmers and homemakers, sustained the 87 trainings based on participatory planning for Formulation of Barangay Plan of Action for Nutrition in LGU-Dologon and Tubigon in Maramag, and one (1) “Training on Barangay Nutrition Council (BNC) Planning” in Valencia City. On the other hand, the capability building and people empowerment activities conducted 5 trainings on “Cash on Trash” in two (2) LGUs: Kadingilan and Kibawe, two (2) Elementary Schools: Deped-Dologon and Mususan, and DOLE in Malaybalay City, Bukidnon.

**Barangay Integrated Development Approach for Nutrition Improvement (BIDANI)**

This program aims to help improve the nutrition and general well-being of the rural poor through a more effective organization of barangay and municipal structures, and improve the capabilities of local government in planning and management aimed at poverty alleviation and at meeting the basic needs of the vulnerable sector in the service areas.

The program has conducted two (2) trainings on Barangay Integrated Development Approach (BIDA), two (2) enhancement trainings on Participatory Planning for Formulation of Barangay Plan of Action for Nutrition in LGU-Dologon and Tubigon in Maramag, and one (1) “Training on Barangay Nutrition Council (BNC) Planning” in Valencia City. On the other hand, the capability building and people empowerment activities conducted 5 trainings on “Cash on Trash” in two (2) LGUs: Kadingilan and Kibawe, two (2) Elementary Schools: Deped-Dologon and Mususan, and DOLE in Malaybalay City, Bukidnon.

**Community-Based Sustainable Development Program (COMBASUDEP)**

This is the banner program of the University Extension in coordination with various colleges. It brings Central Mindanao University to the local government units, barangays and non-government organizations. It aims to empower the people and people’s organizations and human resource development and facilitates diffusion of technology to the target clientele. It is a vehicle that promotes and transfers mature technologies and facilitates dissemination of development information in the local level.

The College of Arts and Sciences conducted two (2) trainings, College of Agriculture conducted 38 trainings, and the College of Veterinary Medicine conducted two (2) seminars.

**CMU-CHED-UNLAD**

This program aims to empower the farmers to become globally competitive through the provision of appropriate technologies and relevant information. This program has two agri-business incubator/demonstration projects, namely Dologon Technology Park and the FITS/IEC Center.

The Dologon Technology Park which is an agribusiness incubator/demonstration project has dispersed to the barangay three (3) heads of pregnant sows, 20 does and 2 bucks. Thus far, the swine project has dispersed a total of 42 piglets to the barangay constituents. On the other hand, three (3) piglets from the technology park were dispersed to LGU-Tubigon last 2010. To date, two of these piglets were sold and replaced. Only one (1) has farrowed and the recipient has replaced two (2) female piglets to the LGU which is also for dispersal to another constituent. For the Goat Project, LGU-Dologon bought a replacement buck to the original buck that died due to respiratory illness. To date, 11 heads of the original does are alive and produced two (2) live kids.

As regards the FITS/IEC Center, a number of primers were produced on top priority commodities identified by the barangay officials. These are displayed at the Center.

**Project CLAIMS**

This is part of CMU’s corporate social responsibilities along social justice and the government’s program on poverty alleviation.

The Project CLAIMS has conducted various trainings to the Buffalo-Tamaraw-Limus (BTL) members. Some of these trainings included bag and rug making, flower making, vermiculture and vermi-composting, vegetable production management, food processing and preservation, and mushroom production. These trainings were attended by a total of 128 participants.

**Farmers Bayanihan Center for Rural Development-Integrated Agricultural Development Project (FBCRD-IADP)**

The FBCRD-IADP aims to provide knowledge and skills to the Agrarian Reform Beneficiaries (ARBs) in agricultural and non-agricultural technologies purposely to improve their quality of life.

The project is implemented in the five (5) Agrarian Reform Communities (ARCs) in Bukidnon, namely Lower Kulaman ARC, Sumilao; North Poblacion ARC, North Poblacion, Maramag; Kalilangan ARC in Kalilangan; Lumintao-Butong and Kiburiao-Minsamongan-C-Handumanan (KMinC) ARCs in Quezon, Bukidnon.

The Techno-Demo Services Unit (TDSU) focal persons assisted the ARBs in the different ARCs in their activities related to the project.

On the other hand, new projects on Korean hog raising, organic fertilizer preparation and vermi composting were implemented in Minsamongan starting June 2011. Handicraft production project was also implemented in Kalilangan, Bukidnon ARC.

**Entrepreneurial Development for Women and Out-of-School Youths**

The program aims to address the technology needs of women and out-of-school-youths in terms of trainings and techno-demos. This project has produced samples and prototypes of handicrafts, conducted techno-demonstrations and workshops and designed trainings to serve orders from various clients. Most of the products made are bamboo-based and are multi-purpose products like corsage and leis which are made of Bukidnon cloth. These products are usually bought during special occasions like tribute to parents and graduation and other special occasions for guests and honorees. The project has earned a total income of One Hundred Nine Thousand two Hundred Forty Pesos (P109, 240.00) from assorted handicrafts (P 83,600.00); Token (P640.00); Malou Bags (P 9, 000.00); Bags (P260.00) and Bamboo-based handicraft (P15, 480.00).

The Handicraft Project In-charge, Prof. Filipinas L. Cordero, served as resource speaker during the information drive conducted by the Information and Communication Unit (ICI) in DagatKidawo, Valencia City and North Poblacion, Maramag, Bukidnon on February 10, 2011 and May 12, 2011 respectively. She also served as resource

**UPDATES ON EXTENSION PROGRAMS AND PROJECTS**

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speaker in a workshop conducted by the Department of Horticulture, College of Agriculture, Central Mindanao University on February 27, 2011.

**Information Dissemination**

To widely disseminate and promote the university-generated technologies, the University Extension brings together its clientele such as the farmers, homemakers, out-of-school youth, students and others with the faculty researchers through information drives. Promotional activities such as sending of letters and public service announcements were conducted every quarter prior to the conduct of every information drive. Posters, streamers and other information materials were displayed in strategic places during the conduct of the information drives to attract more participants.

For the period in review, four information drives were conducted with a total of 197 participants who were farmers, homemakers and students.

**Kaabag Publication**

The *Kaabag* is the official publication of the University Extension which chronicles the various extension activities of the different colleges and the three sub-units of the University extension, namely Techno-Demo Services, Capability Building, and Information and Communication. The release of the *Kaabag* was reverted to every six months as there was dearth of extension activities submitted by the College Extension Coordinators who supplied details of their accomplishments to the ICU staff. For the period in review, two issues were produced and released to the CMU populace.

**7th Annual University Extension Week**

The University Extension conducted the 7th Annual University Extension Week Celebration on November 14-18, 2011. This is a yearly celebration which started in 2005 from a simple “tabu-tabo” (mini-market) into a university-wide activity well participated by the various colleges and attended by partner farmers, homemakers, students, faculty and staff and partner communities. The conduct of this activity aimed to showcase extension activities: its inputs and outputs; provide avenues for partner communities to interact among themselves and with experts through techno-demonstration, techno-promotion, farm tour and “tabu-tabo”; and served as a marketing support to extension products. Over the years, this celebration attracted an increasing number of participants from nearby municipalities in Bukidnon.

The activity was attended by a total of 674 participants who were mostly farmers, homemakers and students. The highlights of the activity included the conduct of on-the-spot essay writing contest, information drive, techno-demo on beadwork and lei making, tabu-tabo, high-value vegetables and agri-based products processing, variety competition/forestry olympiad, and the activities spearheaded by the United Nutrition and Animal Healthcare Company (UNAHCO).
Production

Production which is under the Business Management and Resources Development Office (BMRDO) focuses on the production, protection, management and development of agri-based and forest-based entrepreneurship. The BMRDO aims to generate income as well as to provide support services to instruction, research and extension.

The BMRDO is directly under the Office of the University President whose head is designated as Special Assistant to the President (SAP). Effective January 11, 2011 the BMRDO is headed by Prof. Reynaldo G. Juan.

As of December 2011, the BMRDO, through its major income generating projects obtained a gross income of P54,868,375.96, less total expenses of P39,068,499.36 giving a net income of P15,799,876.60.

The office has two divisions which serve as the major production income generating projects of the University. These include the Agribusiness Division (AD) with 17 production projects and Forest Resources Development Division (FRDD) with four (4) projects.

**MAJOR INCOME GENERATING PROJECTS**

**AGRIBUSINESS DIVISION (AD)**

The Agribusiness Division includes the crop production projects, namely Lowland Rice, Lowland Rice Seed (Seednet), Upland Multicrops, Rubber, Sugarcane, Cassava, Fruit Crops and Nursery, Coffee and Cacao, Coconut, Organic Fertilizer and Rice Mill while Animal Production project includes: Beef Cattle and Horse, Dairy, and Goat and Sheep, Swine, Poultry and Fishpond.

**Lowland Rice Project**

As of Dec 2011, the project harvested a total of 242 ha of commercial rice with standing crops of 52 ha.

**Rice Seed Production/Seednet Project**

On rice seed production, the project planted and harvested an area of 32.69 ha. An average yield of 3.25 tons/ha was obtained.

**Rubber Product Project**

The project has 29,480 productive rubber trees. It has produced and sold 124,256 kl of cuplumps and coagulum; 57,456.30 kl pale crepe; and 1,000 bags of budded rubber trees.

**Fruit Crops and Nursery Project**

The project has a standing 289 hills of rambutan, 397 hills of Bangkok santol, and 638 hills of mango. It has disposed/sold grafted/budded seedlings as follows: 4,840 hills rubber budded; 358 hills grafted rambutan; 110 hills grafted mango; 192 hills grafted durian; 14 hills grafted santol and 150 pcs rubber bud wood.

**Sugarcane Project**

This project is one of the top income earners of the BMRDO. It maintains an area of 15 ha in scattered plantations.

**Cassava Project**

The project has cultivated an area of 21 ha of assorted varieties e.g. PAVAR and VISCA varieties. The project planted and harvested 4,5 ha and produced cassava chips and tubers with a total volume of 72,832.50.
Coconut Production Project
The project has a total area of more or less 10 ha intercropped with durian and lanzones. It produced assorted coconut products, fruits, black pepper and coconut by-products.

Coffee and Cacao Project
The project is in its second year of rehabilitation after it was separated from the rubber project. The project has processed and delivered to the Terminal Market 794 kl of “tablea” and sorted cacao beans of more or less 938 kl, ready for selling or processing.

Upland Multicrops Project
The project involves rice-fish culture, hybrid rice production, open pollinated white corn production and production of high value crops.

Organic Fertilizer Project
The project has produced a total of 655 sacks of organic fertilizer, 119.25 kl mungbeans and 11,491 pcs of Y-corn pilit.

Grains Processing Project
The project milled a total of 368,014.55 kl of commercial rice with an output milled rice distribution, namely 385,949.15 bd ft lumber of assorted sizes; gathered and delivered 57.5 cu m and 895 pcs of fuel wood and post; manufactured/fabricated 365 units of furniture and/or indoor fixtures of different designs; conducted foot patrol and census of indigenous peoples who are tilling and residing within the university’s titled property; and conducted cutting and pruning activities.

FOREST RESOURCES AND DEVELOPMENT DIVISION (FRDD)
The FRDD is composed of four (4) projects, namely Forest Development Protection Project, Timber Harvesting Project, Saw milling and Carpentry and Furniture Projects.

OTHER INCOME GENERATING PROJECTS
The other income generating projects of the university which include the University Food and Lodging Services (UFLS), Residence halls and Instructional Materials Development Center (IMDC) has earned a gross income of P15,733,975.66.

The University Food and Lodging Services
The UFLS operates for food processing, catering and lodging services that serve the general populace of the University including transient visitors and field trippers. It also serves as venue for trainings/seminars and reception for special occasions.

As of January to December 2011, the UFLS in particular has earned a gross income of P6,990,988.67 and a net income of P2,137,360.75. This income was derived from the Continuing Education Center of which under this are the canteen, Farmers Training Center, catering services and swimming pool with a gross income of P5,101,829.02; Lodging services with P1,391,840.00 gross income; CMU Grocery with P294,300.88 gross income, Mahogany Dorm
Canteen with ₱148,164.56 gross income and Show Window with ₱44,864.21 gross income.

The UFLS has widened the scope of its service coverage area. For the year, it served the various barangays, municipalities and provinces including private organizations in the regional, national and international levels.

**The Residence Halls for Students**
The University provides ten (10) Residence Halls within the campus for both undergraduate and graduate students. For the period in review, it has earned a gross income of ₱4,550,685.00.

The Instructional Materials Development Center (IMDC)
The IMDC is in charge of the production of instructional materials such as laboratory workbooks/manuals, handouts and other related materials. The center obtained its income from various sources which include sales of IMS, magazines and books, and job order services. These sources gave the IMDC a gross income of ₱4,192,301.99 and a net income of ₱388,670.44.
The Administrative units serve as facilitating agents for all educational activities and operations. As such, they are considered as indispensable components of the university system providing the university with effective, efficient and economical services relating to personnel, budget and fiscal matters, supplies, infrastructure development and management of equipment, health, security, records and auxiliary services.

As of December 2011, the University non-teaching personnel totals to 982 (73%); 423 (43%) are permanent, 537 (55%) are job order, 19 are casual and 3 are contractual. The non-teaching staff provided the university with effective, efficient and economical services relating to personnel, budget and fiscal matters, supplies, infrastructure development and management of equipment, health, security, records and auxiliary services.

On financial matters, the University received a total allotment from the national government in the amount of P 254,058,914.00. The University also has generated income from tuition and other fees from January to December 2011 in the amount of P 100,132, 925.25 under the Special Trust Fund (fund 164). Part of the income is from Tuition and Miscellaneous fees, Registration and Special Development fees, Athletic & Cultural fees, Clearances/Certification fees; Library Fees, Med/Dental Fees and Dorm Income.

The University Hospital which function is to serve and provide health care services not only to its constituents but also the neighboring towns, has served a total of 25,642 in and out patients/clients. Among its clients were students, employees and their dependents and individuals suffering from various ailments. The patients served by the CMU Hospital for the CY 2011 has increased by 4.31% compared to the patients served for CY 2010. The services rendered by the physician have improved as evidenced by the increase in the number of clients served from 2010 to 2011.

The Linkages and Technology Licensing Office (LTLLO) which functions to link, network and collaborate with agencies and institutions that will contribute to the growth and development of CMU faculty, staff and students and facilitate the application for intellectual property rights from the knowledge and technology generated by the University has proactively sought opportunities for the faculty and students via online. In fact, LTLLO is linked to Conference Alert Website which regularly posts announcements on opportunities for conferences, training, short courses, scholarships and assistantships abroad. At the regional and local levels, announcements and invitations for similar opportunities were also couriered through LTLLO including student scholarships (e.g. ABAMIN Educational Assistance Program) and job opportunities for graduates (e.g. MAPECON Philippines, Inc. Cagayan de Oro Branch and Tagoloan’s Agri Milling Corporation, Mohon, Tagoloan, Misamis Oriental). Mr. Mark Angelo Oclarit Ballentes was recommended for Scholarship Programme to pursue a MSc degree in Business Management at the Nagoya University, Japan. He was granted financial assistance amounting to P 49,000.00, and received a一是 a one-week seminar on “Emotional Quotient, Personal Development and Basic Customer Service at FTC on July 13, 2011 by 150 CMU faculty and staff.

The University Planning Office which operates for the preparation of the University-wide development plans and other activities has consolidated the Annual Accomplishment Reports of all units in the University for 2011; prepared and submitted quarterly Physical Report of Operations for 2011, Physical and Financial Plan FY 2012; Budget Lists of Prioritized Program/Project to DBM, NEDA, RDC, CHED and other concerned agencies; and consolidated and submitted to CHED the CMU Results Matrix from SY 2011-2016. The Land Use Planning Development Office of which one its main tasks is to prepare an updated land use map of the University for development reference is developing a proposal on Freshwater Inland Fishery Project on Tilapia, Hito, Pangasius and Freshwater Prawns/Shrimp Production with a total initial investment of P 100,000,000.00. The Physical Plant Development Office which is tasked to prepare physical development plans for the University has prepared and submitted budget proposal to DBM, Senate and Congress Budget Hearing the CMU’s 5 Major Infrastructure Projects for 2012 with a total initial investment of P 100,000,000.00.

The CMU Alumni and Relations Office which serves as link between the administration, the alumni and the rest of the academic community has developed the Alumni Relations Office (ARO) at the Fullbright Building; searched data of alumni from 1959 to the present which are made available for accreditation and other purposes; created linkages among alumni to seek financial assistance for possible funding to the projects such as sponsoring scholarships grants, and donation of equipment and office supplies, et; and coordinated/facilitated the conduct of the 101th CMU Foundation celebration sponsored by the Central Mindanao University Alumni association (CMUAA).

The General Services which takes charge of the development and maintenance of various infrastructures and transportation facilities of the University has been responsible for the completion of major projects namely fencing and lighting of the University Sports Complex; Renovation of Administration Building Phase IV; construction of the Maternal Recovery Facility Building; concreting, fencing, putting a kitchen and pathway of the Executive and etc. (Appendix 7). The implementation of the abovementioned projects was done hand in hand with the University Planning and Development Office (UPDO).
Dr. Maria Luisa Rupac-Soliven: CMU’s Eighth President

Dr. Soliven has one distinct edge over the other seven presidents before her, she has the strength and the scent of a woman! With 34 years of involvement in CMU, rising from a classroom Economics instructor to Vice-President of Academic Affairs, the post she has held before her presidency, Soliven has begun to define a new role for herself: the first woman president!

President Soliven was a consistent valedictorian in her elementary and high school in Laur, Nueva Ecija, the passport which had brought her to the University of the Philippines, Los Baños, Laguna for her BS Agriculture major in Agricultural Economics. She earned her Master’s degree in Economics major in International Trade at De La Salle University, and her PhD in Agricultural Economics at UP Los Baños, Laguna.

Dr. Soliven is a recipient of numerous awards and recognition for her achievements and exemplary performance. She was awarded as Outstanding Faculty (Professor Category) during the CMU Centennial Celebration held on September 17, 2011. She has extensive professional experiences as an educator, administrator, researcher, consultant, reviewer, and resource speaker in various conferences and seminar-workshops.

She would always relate having come from a very poor but happy family and had to experience every inch of unrelenting hardships and sacrifices just to reach her dreams—that of earning a degree. She came to CMU in 1977 armed with her BS in Agricultural Economics from UP and the moral values instilled by her parents. Her modest intention of earning income to give support to her parents and younger brothers and sisters kindled her to work hard and pursue honest employment. The Lord always rewards people with good intentions. She was sent to De La Salle University for her MS in Economics and life started to create wonders for her after her PhD in Agricultural Economics at UP Los Baños. She was given the post as the first woman dean of the College of Agriculture in CMU in 2003 which served the turning point in her life.

It was something she has never dreamt of but she welcomed the opportunity to show her management expertise. She worked with commitment and dedication guided by the vision and mission of the university. In the early stages of her deanship, there were challenges due to negative criticisms and distressed thoughts but her only way out was to prove her worth and stayed steadfast as a good leader.

Indeed, her hardwork and dedication reaped laurels for from deanship, elevating incidents made her Vice-President for Academic Affairs until 2010 when the long and tedious search for the University President pervaded the air and held everyone in suspense.

When the final decision was reached and she assumed the presidency, Dr. Soliven informed the CMU populace that indeed it is a great
honor and distinction for her to be elected and appointed president of a prestigious institution of higher learning, the Central Mindanao University. She is deeply thankful to the faculty, staff, students and alumni for the support and trust. She is so grateful most especially to the Lord for the opportunity to lead and serve for His greater glory. She deeply appreciates the Board of Regents for their vote of confidence and for placing their faith on her leadership. University Presidency is the highest position in Philippine higher education and holding such post is indeed a great privilege. With all these, she fervently asks for prayers and unconditional support to sustain her in this very challenging feat.

She feels confident that by working together as a team with the Board of Regents and the new set of University officials, as well as the faculty, staff and students, the vision and mission of this great university can be attained. The university has gone a long way since its humble beginnings way back 1910. We have just celebrated the centennial year of the university. We all have witnessed its achievements and successes despite the challenges along the way. She would like to attribute the growth and success of the university to the visionary leadership, unwavering determination and untainted dedication of the past presidents, officers in-charge and other officials of the university. With the gargantuan role as the university’s Chief Executive Officer, she is bent on pursuing more vigorously the projects initiated by the predecessors, and develop more sustainable and relevant programs for the benefit of the university’s constituents and clients.

President Soliven would like to convey this message to the entire CMU academic community:

“…Let us remain true to the nobility of CMU’s vision and mission as we forge new paths of inquiry and discover new academic opportunities. Let us raise the bar high and seek the most noble of our aspirations with common purpose and common hope.

I would like to solicit once again your continued support in building one strong united academic community despite diversity of disciplines, beliefs and philosophies. We need to identify and create communal spaces that contribute to good conversation, to the sharing of important ideas and to building friendships, trust and respect.

Let us continue building Central Mindanao University. Let us work together as one family so we can hope for the best in the years ahead…” (Dr. Loreto N. Romero and Ms. Teresita Orlino-Nallano).
WEB DESIGNING, DEVELOPMENT AND MANAGEMENT

For 2011, the Management Information System (MIS) has engaged into major web designing, development and management led by its news MIS In charge, Engr. Emelio C. Navaja.

- Reactivation of the CMU Website. Reactivation included editing of the CMU website template and maintenance; posting of bids, auction to the CMU website; and updating and posting of information requested.

- Development and implementation of Human Resource Management Information System (HRMIS). This is a web-based system developed to track the CMU employees profile information. The CMU employees are privileged to access or view their individual profiles.

- Creation and implementation of “Communication Logs and Tracking Systems”. This is a web application designed to record and track simple and complex communication letters of Central Mindanao University. The user can monitor communication anytime using any computer connected to the University computer network.

- Creation of web based “Grade Entry Module”. This is an intranet grade entry module to replace current GEM. A web-based application in which the user can access using any available internet browsers. The new web-based resolves the non-alphabetical class list problem. The user can export the display data to MS excel format and vice versa as well as import data.

- Creation of VIRTUAL, Central Mindanao University Web Portal. This is an Intranet web-based system displaying all the web-based development systems that cater various transactions inside CMU.

INSTRUCTIONAL FACILITIES

The Central Mindanao University received 40 brand new computer sets from Hon. Rufus B. Rodriguez, a representative from Cagayan de Oro City, 2nd District. The computer sets which intended to give support to the educational and operational systems of the University were distributed to the different colleges including the college libraries and other administrative offices.

- Reactivated CMU website

- Computers sets for distribution to different colleges and units.

The Central Mindanao University actively participated in the 2011 Mindanao Association of State Colleges and Universities Foundation (MASCUF) Games which was held at the University of Southern Mindanao (USM), Kabacan, North Cotabato on January 31 to February 4, 2011. The University ranked 9th place out of the 24 competing State Colleges and Universities in Mindanao. Following are the various awards garnered by CMU:

6th Placer: Dancesports
5th Placers: Badminton Women and Men
4th Placers: Basketball Men
Football
Mr. MASCUF
Volleyball Men
Sepak Takraw Women
Softball Men
3rd Placers: Swimming (100 Breaststroke) Women
(Bronze) Swimming (200 Individual Medley) Men
Swimming (50 Butterfly) Men
2nd Placers: Swimming (4x100 Freestyle Relay) Women
(Silver) Swimming (4x100 Medley Relay) Women
Swimming (4x50 Freestyle Relay) Women
2nd Placers: Athletics (Javelin Throw) Women
Table Tennis Men
Champions: (Gold) Swimming (100 Butterfly) Men
Swimming (4x100 Medley Relay) Men
Swimming (200 Butterfly) Men
1st Runner Up: Ms. MASCUF

TOTAL MEDAL COUNT:
9 Gold, 17 Silver and 3 Bronze
Proposed Infrastructures

Central Mindanao University Annual Report 2011

Appendices
Appendix 1. CMU Funded On-going Researches

NCT Corn
Dr. N.B. Baldo

NCT Legumes
Prof. Ma. S.T. Dargantes

Morphology, Ecology and Conservation of Selected Threatened, Endemic, Rare and Economic Species of Vascular Plants in Mindanao
Dr. V.B. Amoroso et al.

Efficacy of Goat Manure and Trichoderma Biocon Against Phytophthora Disease and Bark Borers of Durian
Dr. I.M. Olazo

Improvement of Corn as Food and Feeds and Sweet Sorghum as Forage Crops
Dr. N.B. Baldo

Growth Performance Analysis of Two Different Species of Oyster Mushroom on Rice Straw with Different Levels of Lime
Dr. G.G. Saludares

Tracer Study on the Bachelor of Science in Development Communication Graduates of Central Mindanao University
Prof. M.T. Escarlos

Assessment of Raistonia solanacearum (E.F. Smith) Yabuuchi et. al. in the Soil in Different Tomato Growing Areas in Lantapan, Bukidnon
Dr. C.V. Baustista

Biological Control on the Devil Weed, Chromolaena odorata (L.) R.M. King and Robinson, in Pasture
Dr. F.M. Coreyt, Jr.

Project: The Average of the mth Power of the Norms of Polynomials with Fixed Real and Complex Coefficients on the Boundary of the Unit Disc
Study 1. The Average of the mth Power of the Norms of Polynomials with Fixed Real Coefficients on the Boundary of the Unit Disc
Study 2. The Average of the mth Power of the Norms of Polynomials with Fixed Complex Coefficients on the Boundary of the Unit Disc
Dr. A.L. Detalla et al.

Project: Corporate Social and Environmental Responsibility: Experiences in Bukidnon
Study 1. Profiling of Corporate Social and Environmental Responsibility (CSER) Initiatives
Study 2. Assessment on CSER’s Relevance to Social Services
Study 3. Assessment on CSER’s Relevance to Environmental Protection and Management
Dr. E.N. Mendoza et al.

Project: Urban Governance in Bukidnon: Practices, Initiatives, and Challenges
Study 1. Urban Governance for Poverty Alleviation and Social Development in the Province of Bukidnon
Study 2. Advocacy and Capacity Building for Improved Urban Governance in the Province of Bukidnon
Prof. M.T. Sobradi et al.

Diversity of Gastropods in the Rivers, Streams, and Lakes in Bukidnon
Prof. G.L. Galan

Project: Diversity of Insect Group Neuroptera, Auchenorrhyncha, Lepidoptera, and Odonata in Three Selected Key Biodiversity Areas of Mindanao
Study 1. Diversity of Neuroptera and Lepidoptera in Three Selected Key Biodiversity Areas of Mindanao
Study 2. Diversity of Odonata in Three Selected Key Biodiversity Areas of Mindanao
Dr. A.B. Mohagan et al.

Mercury Level of Tilapia in Bukidnon Lakes
Ms. M.R. Gregorio et al.

Women’s Consciousness in the Content of Manobo-Matiagalok Folk Narrative
Ms. S.R.V.O. Diocaldo et al.

An Index of the Minutes of the Meetings of the Board of Regents and University Academic Council of Central Mindanao University from 1992 to 2010: Its Policy Implication
Prof. L.B. Ledres

Project: An Evaluation of the Programs on Social Welfare and Protection of the Vulnerable and Disadvantaged Sectors in Bukidnon
Study 1. An Evaluation of the Implementation of RA 8972 (Solo Parents Welfare Act)
Study 2. An Evaluation of the Implementation of RA 9257 (Expanded Senior Citizens Act)
Study 3. Profiling of Persons with Disabilities (PWDs)
Study 4. An Evaluation of the Implementation of the Magna Carta for Persons with Disabilities
Study 5. An Evaluation of the Implementation of the RA 9262 (Violence Against Women and Children)
Prof. L.B. Ledres et al.

Project: Species Richness and Biodiversity of Bryophytes and Lichens in Mt. Kalatungan, Bukidnon
Study 1. Inventory and Assessment of Bryophyte and Lichens in Mt. Kalatungan, Bukidnon
Study 2. Determination of Chemical Properties of Some Medicinal Bryophytes and Lichens in Mt. Kalatungan, Bukidnon
Dr. A.G. Azuelo et al.

Students’ Beliefs and Mathematics Performance in a Process-Oriented Guided-Inquiry Learning (POGIL) Environment
Prof. J.J. Tan

Motives, Attitudes and Performance of Teacher Education Students in Central Mindanao University
Prof. G.I.S. Escarlos et al.

A Case Study on Pre-Service Mathematics Teachers’ Conceptions of Mathematics and its Teaching: The Coherence with Classroom Instruction
D.A. Tan et al.

Compressive Strength Assessment of the Bagasse Fly Ash-Lime Sludge-Portland Cement Blend
Dr. E.M. Opiso

The Effect of ENSO on Wind Pattern and Assessment of Agroforestry Models in Bukidnon
Dr. P.B. Bojo et al.

Assessment of Agroforestry Models in Bukidnon
Dr. J.V. Casas et al.

Project: Institutional and Technical Evaluation of Drinking Water in Central Mindanao University, Musuan, Bukidnon
Study 1. Institutional Evaluation of the Drinking Water Quality Control and Monitoring System in Central Mindanao University, Musuan, Bukidnon
Study 2. Bacteriological Analysis of Drinking Water Sources in Central Mindanao University, Musuan, Bukidnon
Study 3. Analysis of the Physical Parameters of Drinking Water Sources in Central Mindanao University, Musuan, Bukidnon
Study 4. General Chemical Analysis of Drinking Water Sources in Central Mindanao University, Musuan, Bukidnon
Study 5. Analysis of Metals in the Drinking Water Sources of Central Mindanao University, Musuan, Bukidnon
Dr. E.T. Balkazar et al.

Breeding for High Seed Yield and High Seed Protein Concentration in Soybean [Glycine max (L.) Merrill] (Phase III)
Dr. J.M. Jamago

Appendix 2. Externally funded on-going researches

Pest Dynamics on Sweet Sorghum Under Different Agro-Ecological Zones
Dr. F.G. Corey, Jr. et al.

Project: Taxonomy and Morphology of Selected Threatened, Endemic, Rare and Economic Species of Vascular Plants (including flowering plants)
Study 1. Taxonomy and Morphology of Selected Threatened, Endemic, Rare and Economic Species of Woody Angiosperms and Gymnosperms
Study 2. Taxonomy and Morphology of Selected Threatened, Economic, Rare and Economic Species of Herbaceous Angiosperms
Study 3. Taxonomy and Morphology of Selected Threatened, Endemic, Rare and Economic Species of Pteridophytes
Dr. V.B. Amoroso et al.

Supply Chain Improvement for Fresh Vegetables in Region 10: A Farmer Cluster Managed ‘Bagsakan’ Model
Dr. M.A. L. Saliven et al.

Rapid Agro-Biodiversity Appraisal and Rapid Market Appraisal in Manupali River Watershed in the Municipality of Lantapan, Bukidnon
Dr. V.B. Amoroso et al.

Project: Cheap and Effective Control Methods of Club Root Disease of Crucifers; Dissemination of Information to Farmers in Three Vegetable-Producing Regions in the Country
Project Sites: Cordillera Administrative Region, Northern Mindanao and Mt. Banahaw, Quezon Province
Dr. R.B. Cagmat

Project: Goat Farm Production Performance in Region 10
Dr. R.L. Intong et al.

Development and Promotion of Adlay (Coix lacryma-jobi L.) as an Alternative Food in CMU, Musuan, Bukidnon
Dr. A.R. Aradilla et al.

On Global Defensive Alliances in Graphs
Dr. R.G. Eballe et al.

Efficacy of Neem Leaves Amended Goat Urine and Trichoderma against Phytophthora Disease and
Dr. I.M. Olazo

NCT-Hybrid Rice
Dr. E.A. Disipo/Ms. C.N. Daculos
Mindanao-Visayas Cervine Arthritis and Encephalitis Control Project
Dr. A.P. Dargarantes

Surra Vector Mapping Project in Davao del Norte and Compostela Valley
Dr. A.P. Dargarantes

Appendix 3. CMU Funded Completed Researches

Shell Band Patterns in Pomacea canaliculata (Golden Apple Snails) in Selected Aquatic Environments in CMU Campus and Vicinity:
Prof. G.L. Galan/Prof. H.C. Porqués

Expectations and Understanding of Students about Electricity and Magnetism
Dr. T.G. Tegahan et al.

Profile and Comparative Study on the Antibody Responses to the Different Hepa B Vaccine of Students in the College of Home Economics of Central Mindanao University
Ms. J.G.A. Escarlos/Ms.R.G.O. Blanco

Food Management Practices Among Food Service Establishments in Central Mindanao University
Ms. R.A. Amoyo et al.

Fishery Resources in Bukidnon
Prof. V.T. Quimpang et al.

Mathematics Teachers Efficacy and Beliefs Survey in All Levels of Education in Bukidnon: Basis for Intervention Programs
Dr. N.I. Prado et al.

What Leads to Better Writing: Focus on Selected Prewriting Practices
Prof. A.C.S. Calimbo

The Average of the mth Power of the Norms on the Class of Zero-One Polynomials Over the Complex Field
Dr. A.L. Detalla/Mr. B.D. Peñalosa

The Differentials of Graphs Under Some Binary Operations
Dr. R.G. Eballe et al.

The Implementation of E.O. 51 or the Milk Code: The Bukidnon Experience
Prof. A.G.V. Visayan

Efficacy of Different Concentrations of Round Turmeric (Curcuma longa Linn.) Extract in Management of Diseases of Organically Grown Pepper (Capsicum annuum Linn.)
Dr. C.V. Bautista

Project: GIS-Based Analysis of Climate Change Impacts in Selected Areas of Bukidnon
Study 1: GIS-Based Analysis and Mapping of Flood-Pronet-areas in Selected Sites of Bukidnon
Dr. R.G. Villar et al.

Tracer Study of the Graduates of Central Mindanao University, SY 2004-05 to SY 2006-2007
Prof. J.E. Pepito et al.

Third-Point Load Effect on Bending Moment of Slotted Ferrocement Beam
Prof. L.M.C. Acma

5-Year Herd Projection Through Spreadsheet
Dr. J.E. Pepito

Causal Model for the Academic Achievement of CMU Laboratory High School Students
Prof. V.B. Caro et al.

Employment Status of Bachelor of Science in Office Administration Graduates
Dr. F.D. Corey, Jr. et al.

Monitoring and Conservation of Bats in CMU Fruit Trees Plantation, Musuan, Bukidnon
Dr. A.B. Mohagan

Project: Prevalence and Risk Factors of Psychopathology in Musuan, Bukidnon
Study 1: Prevalence of Psychopathology in Musuan, Bukidnon
Dr. A.P. Dargantes

Concentration in Soybean [Glycine max (L.) Merrill]
Ms. M.B. Lazar

Causal Model of Teaching Performance
Novice Faculty Experiences in Bukidnon: A Correlational-Causal Model of Teaching Performance
Prof. J.S. Valmorida

Evaluation of the NEDA-KR2 Productivity Enhancement Project
Ms. M.B. Lazar

Comparative Study on the Physico-chemical and Sensory Qualities among Cream Dory (Pangasius hypophthalmus) Fish, Tilapia and African Catfish
Prof. J.S. Valmorida

Appendix 4. Externally Funded Completed Researches

Supply Chain Improvement for Fresh Vegetables in Selected Areas in the Philippines, Phase I: Evaluation Research
Dr. Ma. L.R. Soliven/Dr. A.L. Deriada

Taxonomy and Morphology of Selected Threatened, Endemic, Rare and Economic Species of Vascular Plants in Mindanao
Dr. V.B. Amoroso et al.

Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains Under Different Ecological Zones
Dr. D.M. Vallador, Sr. et al.

Pest Dynamics on Sweet Sorghum under Different Agro-Ecological Zones
Dr. F.D. Corey, Jr. et al.

Integrated R&D Programs on Biofuels
Dr. L.M. Cahabug
Appendix 5. Awards Received by CMU Researchers during AIHR

Completed Research (AFNR)

- Taxonomy and Morphology of Threatened, Endemic, Rare and Economic Species (TERES) of Vascular Plants
  - Dr. V.B. Amoroso et al.
  - 1st Place

- Diversity Study of Butterflies in South Philippines at the Eminent Climate Change
  - Dr. A.B. Mohagan/Prof. A.E. Tambuli
  - 2nd Place

Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains under Different Ecological Zones
- Dr. D.M. Vallador, Sr. et al.
- 3rd Place

On-going Research (AFNR)

- On the Total and Boundary Differentials of the Sum, Corona and Composition of Graphs
  - Dr. R.G. Eballe et al.
  - 3rd Place

- Assessing Productivity of Central Mindanao University Graduate School Alumni S.Y. 2005-2009: Preliminary Results
  - Dr. D.A. Tan et al.
  - 1st Place

- Complete Development (AFNR)
  - Mt. Malindang Rainforestation Project: From Research to Development
    - Dr. V.B. Amoroso et al.
    - 1st Place

- Barangay Animal Health Worker Development Project
  - Dr. E.T. Baltazar et al.
  - 2nd Place

- Evaluation of Barangay Dologon Domestic Water Supply System
  - Prof. A.T. Gascon et al.
  - 3rd Place

On-going Development (AFNR)

- Breeding High Seed Yield and Seed Protein Concentration in Soybean (G. max) (Phase II): Development, Evaluation and Advance of High Protein F2 Populations
  - Dr. J.M. Jamago et al.
  - 1st Place

Taxonomy and Morphology of Threatened, Endemic, Rare and Economic Species (TERES) of Vascular Plants
- Dr. V.B. Amoroso et al.
- 1st Place

Diversity Study of Butterflies in South Philippines at the Eminent Climate Change
- Dr. A.B. Mohagan/Prof. A.E. Tambuli
- 2nd Place

Phyto Remediation Potential of Three Agroforestry Species in Copper Contaminated Soils in Marinduque, Philippines
- Mr. A.M. Tulod
- Best Thesis

Completed AFNR Development Projects/Studies

- Mt. Malindang Rainforestation Project: From Research to Development
  - Dr. V.B. Amoroso et al.

- Barangay Animal Health Worker Development Project
  - Dr. E.T. Baltazar et al.

- Evaluation of Barangay Dologon Domestic Water Supply System
  - Prof. A.T. Gascon et al.

Best Thesis

- Phyto Remediation Potential of Three Agroforestry Species in Copper Contaminated Soils in Marinduque, Philippines
  - Mr. A.M. Tulod
  - Poster Paper

Appendix 6. Published Research Outputs in Abstracts, Proceedings, Scientific Journals and in Books

- On-going Development (non-AFNR)
  - Enhancing Nutrition Skills among Indigenous People in Kalipayan
    - Prof. M.B. Lazar et al.
    - 1st Place

- Early Childhood Development
  - Prof. D.J.S. Oledan/Prof. N.C. Culas
  - 2nd Place

- Thesis/Dissertation (AFNR/non-AFNR)
  - Mt. Malindang Rainforestation Project: From Research to Development
    - Dr. V.B. Amoroso et al.
  - 1st Place

- Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains under Different Ecological Zones
  - Dr. D.M. Vallador, Sr. et al.
  - 2nd Place

- Community-based and School-based Capability Enhancement Program for Barangay Dologon and DepEd Valencia City
  - Prof. A.C.S. Calimbo et al.
  - 1st Place

- Causal Model for the Academic Achievement of CMU Laboratory High School Students
  - Prof. V.B. Caro et al.
  - 2nd Place

- On-going Development (AFNR)
  - Intellectual Development, Learning Styles, Approaches and Attitudes of Engineering Students: A Causal Model on their Performance in Algebra
    - Dr. N.I. Prado et al.
    - Best Poster Paper

- Taxonomy and Morphology of Threatened, Endemic, Rare and Economic Species (TERES) of Vascular Plants
  - Dr. V.B. Amoroso et al.
  - 1st Place

- Diversity Study of Butterflies in South Philippines at the Eminent Climate Change
  - Dr. A.B. Mohagan et al.

- Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains under Different Ecological Zones
  - Dr. D.M. Vallador, Sr. et al.

- On-going Development (AFNR)
  - Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains under Different Ecological Zones
    - Dr. D.M. Vallador, Sr. et al.
    - 2nd Place

- Completed Development (AFNR)
  - Mt. Malindang Rainforestation Project: From Research to Development
    - Dr. V.B. Amoroso et al.

- Barangay Animal Health Worker Development Project
  - Dr. E.T. Baltazar et al.

- Evaluation of Barangay Dologon Domestic Water Supply System
  - Prof. A.T. Gascon et al.

- Best Thesis
  - Phyto Remediation Potential of Three Agroforestry Species in Copper Contaminated Soils in Marinduque, Philippines
    - Mr. A.M. Tulod
    - Poster Paper

- On-going Development (non-AFNR)
  - Intellectual Development, Learning Styles, Approaches and Attitudes of Engineering Students: A Causal Model on their Performance in Algebra
    - Dr. N.I. Prado et al.
    - Best Poster Paper

- Completed AFNR Development Projects/Studies

- Taxonomy and Morphology of Threatened, Endemic, Rare and Economic Species (TERES) of Vascular Plants
  - Dr. V.B. Amoroso et al.
  - 1st Place

- Diversity Study of Butterflies in South Philippines at the Eminent Climate Change
  - Dr. A.B. Mohagan et al.

- Performance Evaluation of Sweet Sorghum Lines for Bio-ethanol and Grains under Different Ecological Zones
  - Dr. D.M. Vallador, Sr. et al.

- Completed AFNR Development Projects/Studies

- Mt. Malindang Rainforestation Project: From Research to Development
  - Dr. V.B. Amoroso et al.

- Barangay Animal Health Worker Development Project
  - Dr. E.T. Baltazar et al.

- Evaluation of Barangay Dologon Domestic Water Supply System
  - Prof. A.T. Gascon et al.

- Best Thesis
  - Phyto Remediation Potential of Three Agroforestry Species in Copper Contaminated Soils in Marinduque, Philippines
    - Mr. A.M. Tulod
    - Poster Paper
Appendix 7. Development and maintenance of various infrastructures and transportation facilities

<table>
<thead>
<tr>
<th>ON-GOING AND COMPLETED PROGRAMS/PROJECTS AS OF DECEMBER 2011</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Physical Plant Development</td>
<td></td>
</tr>
<tr>
<td>1. Proposed renovation of Administration building Phase 4</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>2. Executive house (kitchen extension, pathway, repainting, generator shed and tiling)</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>3. Executive House concrete fencing</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>4. Proposed Agromet staff housing</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>5. Executive house (catch basin, drainage, road pavement, pathway, steel gratings, landscape, open shed and guard house)</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>6. Generator shed at Administration Bldg</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>7. Proposed repair of Grandstand, comfort rooms and pathway</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>8. Proposed repair of 4 units government cottage</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>9. Fencing of University Sports Complex and Lighting</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>10. Proposed Material Recovery Facility (building and fencing)</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>11. Proposed Reservoir</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>12. Completion of Home Economics Bldg</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>13. Proposed repair of Market</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>14. Proposed College of Agriculture Extension building for classroom</td>
<td>13.165% accomplished</td>
</tr>
<tr>
<td>II. Building Construction, Repair and Maintenance</td>
<td></td>
</tr>
<tr>
<td>1. Repair/renovation of faculty and staff housing</td>
<td>25 cottages repaired</td>
</tr>
<tr>
<td>2. Repair/renovation of offices and school building</td>
<td>41 buildings repaired</td>
</tr>
<tr>
<td>3. Repair of student dormitories and cottages</td>
<td>12 dormitories repaired</td>
</tr>
<tr>
<td>III. Power Plant and Electrical Services</td>
<td></td>
</tr>
<tr>
<td>1. Wiring installation to the following offices:</td>
<td></td>
</tr>
<tr>
<td>a. Portion of new Auditor’s Office, BAC and Legal Office</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>b. New Vet Med Canteen</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>c. New H.E. Building</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>2. Installation of new telephone line (FABX Network 4 offices)</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>3. Rehabilitation of electrical system of Executive House</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>4. Repair and maintenance/replacement of busted street lights</td>
<td>95% accomplished</td>
</tr>
<tr>
<td>5. Operation of generating set during brown-out and sound system, and kilowatt-hour meter reading and power bills recording</td>
<td>monthly routine activity</td>
</tr>
<tr>
<td>IV. Repair and Fabrication</td>
<td></td>
</tr>
<tr>
<td>1. Repair, check-up, assembly and disassembly, replacement and maintenance of various major body and autops of vehicles, equipment, hauling trucks as well as refrigerator and air conditioners</td>
<td>monthly routine activity</td>
</tr>
<tr>
<td>V. Plumbing and Sewerage</td>
<td></td>
</tr>
<tr>
<td>1. Serving repair and maintenance on Job Orders</td>
<td>90% accomplished</td>
</tr>
<tr>
<td>2. Repair and maintenance of water pipelines</td>
<td>15 lengths replaced</td>
</tr>
<tr>
<td>3. Maintenance of the cleanliness of three natural water resources and chlorine treatment of drinking water</td>
<td>monthly routine activity</td>
</tr>
<tr>
<td>4. Installation of plumbing fixtures at the College of Education building, installation of new sets of water pumps at CMU Deep Well</td>
<td>100% accomplished</td>
</tr>
<tr>
<td>VI. Transportation (Motorpool) Services</td>
<td></td>
</tr>
<tr>
<td>1. Provision of transportation services to CMU faculty and staff for instruction, research, extension and production programs. Fed gasoline to 156 trip tickets and diesel to 1055 trip tickets of CMU vehicles. Served 528 actual trip tickets for gasoline fed vehicles and 1580 for diesel fed vehicles</td>
<td>monthly routine activity</td>
</tr>
</tbody>
</table>
COLLEGE OF HOME ECONOMICS
Bachelor of Science in Food Technology
Bachelor of Science in Nutrition & Dietetics
Bachelor of Science in Home Economics
   Major in: Home Economics Education
      (Elementary School Teaching Option)
   Food Business Management
      (Food Processing Option)
   Food Service Option
Bachelor of Science in Hotel and Restaurant Management
   Food and Beverages Services NC2
   Commercial Cooking NC2
   Food Processing NC2

COLLEGE OF NURSING
Bachelor of Science in Nursing

COLLEGE OF VETERINARY MEDICINE
Doctor of Veterinary Medicine

GRADUATE SCHOOL
Master of Arts in Education (MAED)
   Major in: Administration and Supervision
Master of Arts (MA)
   Major in: H.E. Education H.E. Extension English
   Master of Arts in Language Education (MALE)
      Major in: English Filipino
   Master of Science in Mathematics
   Major in: Mathematics Education

COLLEGE OF AGRICULTURE
Bachelor of Science in Agriculture
   Major in: Agronomy
   Animal Science
   Entomology
   Horticulture
   Plant Breeding
   Plant Pathology
   Soil Science
   Agricultural Economics
   Agricultural Education (Elem. & High School Option)
   Agricultural Extension
   Bachelor of Science in Agribusiness Management
   Major in: Crop Enterprise
   Livestock Enterprise

COLLEGE OF ARTS AND SCIENCES
Bachelor of Arts in English
Bachelor of Arts in History
Bachelor of Arts in Political Science
Bachelor of Arts in Psychology
Bachelor of Arts in Sociology
Bachelor of Science in Biology
Bachelor of Science in Chemistry
Bachelor of Science in Mathematics

COLLEGE OF COMMERCE AND ACCOUNTANCY
Bachelor of Science in Accounting Technology
   Bachelor of Science in Business Administration
      Major in: Financial Management
      Marketing Management
      Operations Management
   Bachelor of Science in Office Administration
      Certificate in Accounting Technology

COLLEGE OF EDUCATION
Bachelor of Science in Education
   Major in: Biology
   English
   Filipino
   General Science
   Mathematics
   Physical Education
   Physics
   Certificate in Teaching

COLLEGE OF ENGINEERING
Bachelor of Science in Agricultural Engineering
Bachelor of Science in Civil Engineering
Bachelor of Science in Electrical Engineering
Bachelor of Science in Mechanical Engineering
Bachelor of Science in Information Technology

COLLEGE OF FORESTRY
Bachelor of Science in Environmental Science
Bachelor of Science in Forestry

CURRICULAR PROGRAMS

CENTRAL MINDANAO UNIVERSITY
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