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National Conference on the Status of Research in Higher Educational Institutions

College of St. Benilde Hotel
Manila, Philippines

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1. BACKGROUND

2. ACTIVITIES AND OUTPUT

3. INSTITUTIONAL TRENDS

4. FINAL THOUGHTS
Background – ZRC and PCI

- Bicol University
  - Region V Zonal Research Center
  - Director, Dr. Noly Mascariñas

- Ateneo de Naga University
  - Program Cluster Implementer in the areas of Information Technology and Business Economics
  - Director, Dr. Allan Sioson
Background – Number of Schools Offering related programs

- **Information Technology Programs**
  - Master of Information Technology: 2 (Ateneo de Naga U, Aemilianum College)
  - Master of Computer Science: 2 (Ateneo de Naga U, Aemilianum College)
  - BS Computer Science: 16
  - BS Information Technology: 7
  - BS Information Systems/Information Management: 4

- **Business Economics Programs**
  - Master of Business Administration, Major in Business Economics: 1 (Aquinas University of Legazpi)
  - BS Business Administration, Major in Business Economics: 4 (Aquinas U, Ateneo de Naga, St. Louise de Marillac College of Sorsogon, Divine Word College of Legazpi)
Activities

○ 2009:
  ● IT Research Capability Meeting: 20 pax, 7 sch (Nov)
  ● IT Research Proposal Writing Workshop: 6 pax, 5 sch (Dec)
  ● Business Economics Capability Meeting: 38 pax, 11 sch (Dec)
  ● IT – Image Processing Workshop: 34 pax, 17 sch (Dec)

○ 2010:
  ● Business-Eco Research Proposal Writing Workshop: 9 pax, 4 sch (Feb)
  ● Support for Conferences: National Conference on IT Education (Oct), Mindanao Conference on Issues in Development (Nov), International Conference on Biodiversity and Climate Change (Nov)
  ● Research Proposal Processing (Jan–Dec)

○ 2011:
  ● Organized Philippine Computing Science Congress (PCSC 2011, Mar)
  ● Support for Workshop on Adaptive Learning Technologies: 3 pax (Mar)
  ● Support for Conference: PCSC2011, 9 pax (Mar)
  ● Research Proposal Processing (Jan–Dec)
  ● Research Presentation: Zero-Waste Management (Jun)
Funded Projects – GIAs


- **Receptiveness and Preparedness of Science Teachers in Sorsogon City to Utilize Computer-Assisted Instruction**, Maria Rosalyn P. Salva, Aemilianum College, P199,858.50

- **The Handicraft Industry in Camarines Sur: Status, Challenges and Implications**, Dr. Nora Elizabeth F. Maniquiz, University of Nueva Caceres, P340,463.00
Projects being processed – GIAs

- **Curriculum Assessment Geared Towards Developing Entrepreneurs: A Case Study Involving BSBA Entrepreneurship, BS Entrepreneurship and Business Management Honors Program Graduates of Ateneo de Naga University**, Dr. Maria Niña C. Howard, Ateneo de Naga University, P229,304.25

- **Nonformal Businesses in Bicol: Status and Development**, Dr. Yolanda L. Castroverde, University of Nueva Caceres, P312,090.00
Institutional Trends

- Research published – resulting from the GIAs: 0
  1st completed GIA (Magdaraog, USI) – on research article writing stage

- Research published in ISI or SCOPUS journals
  1. 2010: 1 paper: 1 citation
  2. 2009: 2 papers: 0 citations
  3. 2008: 1 paper: 8 citations
  4. 2007: 1 paper: 14 citations
  5. 2006: 4 papers: 48 citations
     - TOTAL: 9 papers: 71 citations (excluding self-citations)
     - 7 Bioinformatics papers and 2 Theory papers (–)
     - Not resulting from CHED GIAs

NOTE: This is possibly incomplete data.
Institutional Trends – Concept of research

- Ideal
  - Research resulting to patents
  - Research resulting to publication in ISI/SCOPUS Journals

- Research resulting to publication in Peer-reviewed Journals (but not ISI/SCOPUS Journals)

- Research resulting to publication in other Journals

- Research resulting to presentation in conferences (Loc, Nat, Int)

- Other Research involvements:
  - Thesis/Dissertation advising (as panelist)
  - Research studies that lead to school policies (not necessarily published)
  - Research studies that lead to advocacies (not necessarily published)
  - Research studies that lead to publication in magazines
    - *Publication is not seen as an important research artifact*
Institutional Trends – Graduate schools

- Information Technology Related Programs (Non thesis)
  - Master of Information Technology
  - Master of Computer Science

- Business Economics Related Programs (Non thesis)
  - Master of Business Administration – Major in Business Economics

*Non-thesis programs may not prepare the graduate students well to do research.*

- For IT: 2 PhD holders in Bicol
  - A. Sioson, PhD in Computer Science and Applications
  - R. Atole, PhD in Information Technology

*Limited number of mentors with PhDs*
Final Thoughts

- Research endeavors of faculty in HEIs is limited
  - Standardize the operational meaning of research
- Integration of Research promoting policies in Graduate Programs
  - e.g., Requiring graduate students to present in research conferences (national or international)
  - e.g., Requiring graduate school faculty to do research and publish in reputable journals (before they can teach)
  - Graduate students – during weekends only; we need full time students
- Multi-author research papers
  - Promotes mentoring, transfer of expertise, transfer of passion to do research in specific area(s).
  - Win-win for the mentor and novice.
- ZRC / PCI programs
  - Band-Aid: Research Capability Programs
  - Organizing Local/National Conferences
  - Mentoring Programs – proposal, research proper, terminal reports, article writing, publication