

ABSTRACT

Llagas, Magno I. III., Nueva, Wenna Abigail O. and Dasigan, Jolina Kate B. 2014. Mariners' Polytechnic Colleges, Panganiban Drive, Naga City. "UTILIZATION OF AUDIOVISUAL EQUIPMENT AMONG FACULTY IN MARINERS' POLYTECHNIC COLLEGES, NAGA CITY".

Adviser: Mariel R. Estrella, Ph.D.

Key words: AV equipment, AV utilization in teaching

This research study determined the level of utilization of AV equipment of faculty in teaching. Specifically, the study answered the following: 1.) What is the profile of the respondents? 2.) What are the available AV Equipment and materials in MPC? 3.) What are the reasons of faculty members in using AV Equipment? and 4.) What are the problems encountered using the AV Equipment?

The study had 46 faculty-respondents and it used survey questionnaire to gather data and employed descriptive statistics through frequency counts, percentages, and weighted mean to analyze the data.

The researchers found out that: 1.) Along age, most of the respondents were aged 46-50 years old with 11 or 23.91%, closely followed by 41-50 years old with 10 or 21.74 of the 46 respondents. The least number of faculties were aged 21-25 years old with 1 or 2.18%. Along number of years in teaching, 30 or 65.22% of faculty at MPC Naga were teaching for over 6 years. An minimal number of 2 or 4.35% of faculty were teaching for 3-4 years. Along employment status, majority at 33 or 71.74% of Faculty were part timers while 13 or 28.26% were full time faculty. Along subjects taught, 73 General Education subjects were being taught by faculty and 43 were major subjects. Along Audio Visual Equipment used by the respondents, the most used equipment was Laptop with 33 respondents; LCD Projector with 21; and OHP with 14. Along frequency of using Audio Visual equipment, data show that most of the respondents at 25 or 67.57% used Audio Visual equipment as needed in the class discussion. While 3 or 8.11 percent used AV equipment everyday and 3 times a week each. 2.) Along AV equipment, MPC has one overhead projector, five LCD projectors, two laptops, two television monitors, four VCD Recorder/DVD/Blue-ray Player and two

cameras. Along the AV materials MPC has 29 Documentaries and Movie Clips, 38 CD/VHS/VCD, three Flip Charts and three Replicas and Dioramas. 3.) The main reason for using AV equipment was to facilitate the discussion of topics with 37 faculty-respondents and was closely followed by developing the interests of students towards learning with 34 faculty-respondents. 4.) The main problem encountered was the limited number of equipment available on the time of use with 29 faculty-respondents followed by the problem on Faculty are not oriented/equipped with the use of modern technologies/no technological know-how with 13 faculty-respondents. The third problem encountered was that the AV equipment were non functional with 8 respondents. 5.) The most used AV equipment was the laptop with a weighted mean of 5.5 followed by the LCD Projector with a weighted mean of 3.67. For the AV materials, fairly used at rank 1 was the Documentaries with a weighted mean of 2.04. Not used were the flip charts, replicas and dioramas with 1.20.

The study concludes: 1.) Most of the respondents are adults teaching for more than six years. However, most of them are part-timers, teaching General Education subjects, use the AV Equipment only when needed in their class discussion. The most used AV Equipment are laptop and LCD Projector and documentaries for AV materials. 2.) MPC has available yet limited AV equipment and AV materials for the substantial use of faculty in teaching. 3.) Faculty members of MPC primarily use AV Equipment to facilitate class discussion and to develop the interest of students to have a lively and interesting class discussion causative to interactive and effective learning method about the subject. 4.) Several problems hamper the use of AV equipment and AV materials in teaching. These problems encountered were on the limited number, the lack of knowledge and skill of the faculty members to operate and use them in the class, and non functionality. 5.) Laptops and LCD projectors are the most used AV equipment in teaching therefore, more units must be purchased. Documentaries on the other hand, are fairly used and must be continuously introduced to the respondents.

The study recommends that an Integrated Audio Visual Program at MPC Naga be implemented to enhance the teaching-learning process. MPC has to purchase more AV Equipment and AV Materials to suffice the needs of the faculty and students. A seminar on the use of these AV equipment is also deemed important as teachers are knowledgeable about the subject matter but only few are skilled in the technology use.