



RADIANCE 2013



The Official Magazine of SOCIP
Mapúa Institute of Technology

Introduction

The faculty, non-teaching personnel and students of schools and departments guided by the extension service structure of the Institute had rendered their fields of expertise to Mapua's adopted communities. Programs of the different schools and departments were integrated to optimize the delivery of extension services.

The community defined by the Institute comprises the following: barangays, parishes, schools, local government units, hospitals, and non-government organizations.

Schools and departments continued its excellent tradition in rendering extension services. Aside from rendering technical extension services, the Institute continues to improve its social services to the community. It further strengthens its health and environment programs through rendering medical and dental missions, bloodletting activity and participation in environment programs such as tree planting.

The Institute also has strengthened its educational program by assisting public schools such as teachers' training and review for college entrance examination for students. Short Technical Courses are also offered to the community to meet the demands of the industry in terms of skilled workers and manpower.

The tradition of rendering technical and community extension services continues as Mapúa Institute of Technology optimizes its expertise which brings to the achievement of its program educational objectives.

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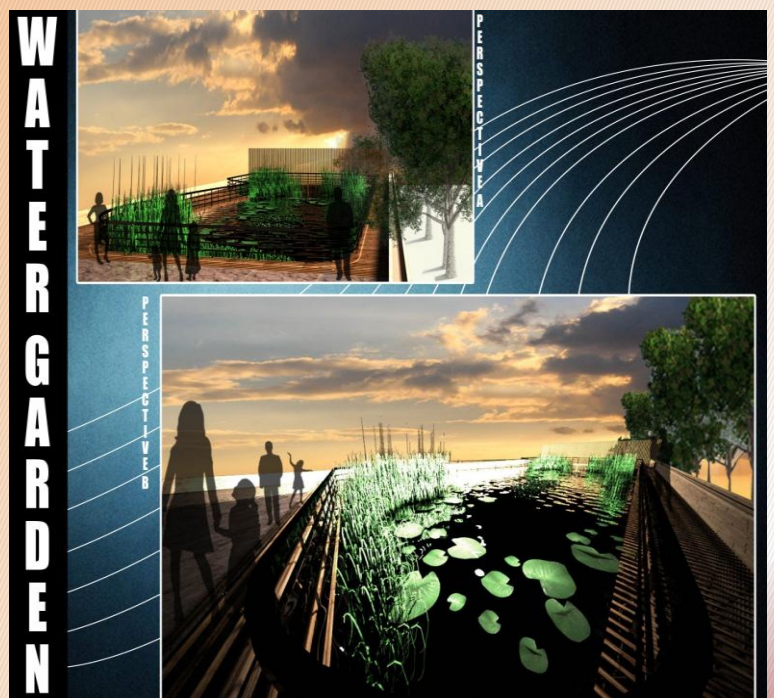
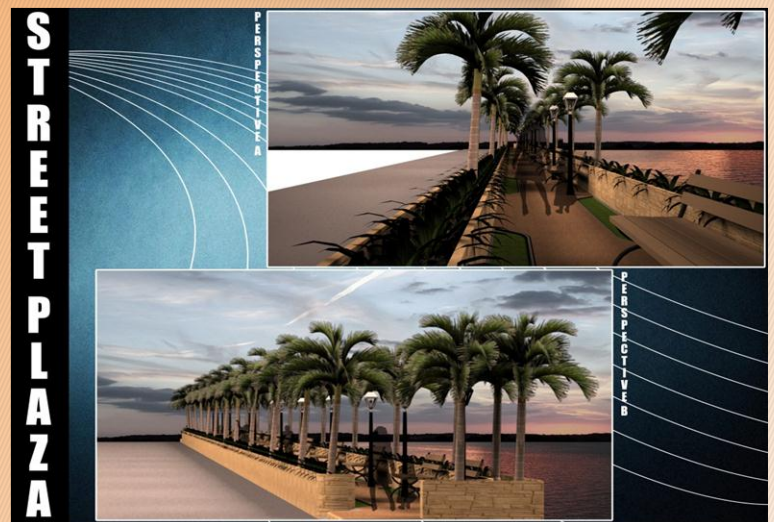
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School of Architecture, Industrial Design and the Built Environment (AR-ID-BE)

School of AR-ID-BE Proposes Development Plans for Pandacan

The School of Architecture, Industrial Design and the Built Environment once again helped in the beautification of Pandacan by making designs for the community's development plan.

The undertaking produced different types of plazas, gardens and site development plans for Pandacan. The activities involved were translating the site information given by the Coordinator to the faculty involved. The analysis and schematics were done by the students in Computer Aided Drafting and Design 4 (CADD 4) class under the supervision of the concerned faculty. The final drawings selected and the final computer generated presentations were done by the students.



School of Civil Environmental and Geological Engineering (CEGE)

School of CEGE Participates in Habitat for Humanity

The School of Civil, Environmental and Geological Engineering (CEGE) went to Bistekville I, Habitat Site, Molave Street, Payatas-B, Payatas/Litex Road in Quezon City to participate in the construction of houses for the said organization last October 15, 2013,



The group was assigned to do the sand bagging, sieving of the aggregates, gravel bagging and CHB hauling. The faculty members monitored and supervised the students in the various activities.

School of Chemical Engineering and Chemistry (ChE-Chm)

School of ChE-Chm Offers Free Seminar-Workshop on Perfume and Soap Making

The School of Chemical Engineering and Chemistry (ChE-Chm) and student representatives from PICHE organization conducted a Seminar-Workshop on the Preparation of Perfume and Papaya Soap last 16 March 2013.

A total of thirty five (35) interested participants from Pandacan, Manila attended the seminar-workshop. The attendees were given with handouts enumerating the materials needed for the preparation of perfume and papaya soap.

The over-all evaluation given by the thirty five (35) participants for the activity was 4.38.



ChE-Chm Conducts Science Review Lecture

The School of Chemical Engineering and Chemistry (ChE-Chm) conducted a free Science Review Program for the selected high school students of PUP Laboratory High School in Sta. Mesa, Manila. Entitled *Science Review: Lecture on Chemical Equilibria*, the activity was participated by 93 students.



The participants were able to learn the basic principles of chemical equilibria. They were presented with exercises and techniques in solving problems. The students were very eager to learn more about the topic. They showed great interest and appreciation by asking queries about its applications.



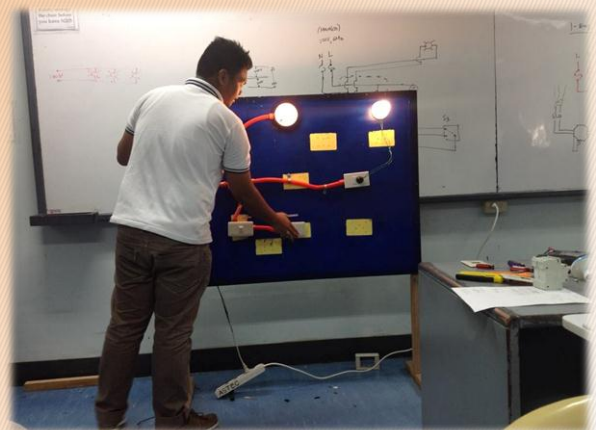
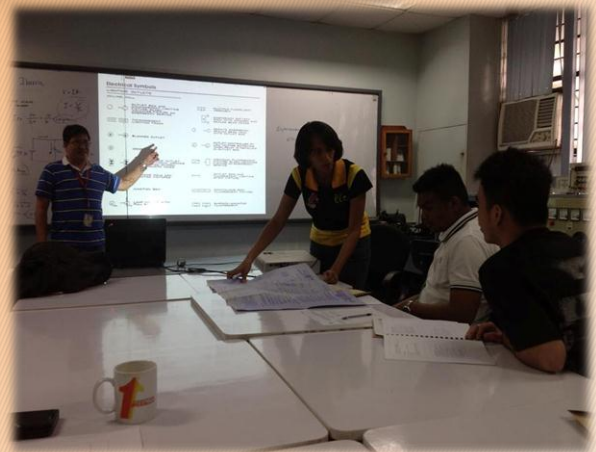
School of Electronics, Electrical and Computer Engineering (EECE)

School of EECE Offers Free Technical Workshop

The School of EECE conducted extension service programs for Mapua's adopted communities. Programs offered were PC Troubleshooting and Basic Electronics which ran from November 16 to December 14, 2013.

The said training programs aimed to equip the participants with basic knowledge on both subjects. Hands-on trainings were also given to familiarize the participants with the actual works.

The activities were concluded with written exams on the last day of training.



School of Mechanical and Manufacturing Engineering (MME)

School of MME Conducts Seminar-Workshop on Basic Welding

The School of Mechanical and Manufacturing Engineering has once again conducted a seminar-workshop on Basic Arc Welding last February 2, 2013.

Aiming to educate the participants on the basics of Shielded Arc Welding and TIG Welding through lectures and hands-on training, the seminar was attended by nine (9) attendees from Pandacan and Binondo, Manila.



School of Languages, Humanities and Social Sciences (SLHS)

SLHS Conducts Conflict Management Seminar

The School of Languages, Humanities and Social Sciences held a Community Extension Service last March 2, 2013 (Saturday) at the Mapua - Makati's AVR 1 from 9:00 am to 12:00 pm. It focused on the topics: "Organizing and Conducting Meetings and Group Assemblies" and "Crisis Management." The beneficiaries were around 40 barangay officials of Pandacan, Manila.

The topic of the first session was about "Organizing and Conducting Meetings and Group Assemblies" where Professor Edna Cortez was the speaker. She discussed the basics and dynamics of meetings and assemblies which are usually practiced by the barangay officials. The participants were able to share their own experiences regarding the topic which made the session fruitful.

The second session was about "Crisis Management" which was discussed by Professor April Antonio. The topic discussed the usual undertakings or incidents during a crisis and how the barangay officials will be able to respond to them. It can be seen that the participants were very attentive and interested in the subject.

To officially end the program, the documentation committee distributed the Certificates of Participation to the barangay officials and group picture-taking followed. Lunch was served at the at the Mapua-Makati faculty lounge.



School of Information Technology (SOLT)

SOIT Conducts Computer Course Training

A three-day training on the basics of MS Office was conducted by the School of IT for MMDA employees last August 31, September 7 and September 14, 2013. The training started with the basics of MS Word where the participants learned how to prepare documents such as letters and memos. Preparing documents for reports and preparing an enhanced resume are just two activities the participants enjoyed during the training.

The next Saturday focused on the basics of MS Excel where the participants learned how to make graphs, prepare formulas and computations, while being guided by Prof. Joel De Goma and Prof. William Rey. The hands-on activities given by Prof. De Goma and Prof. William Rey provided the participants with extra tools they can use when preparing and analyzing reports.

The last Saturday of the training was devoted to learning the basics of MS Powerpoint where the participants experienced making their own presentations. Prof. Eric Blancaflor and Prof. Mary Jane Samonte “amazed” the participants with animated presentations which the participants tried to duplicate or even exceed during the hands-on.



School of Industrial Engineering and Engineering Management (IE-EMG)

School of IE-EMG Assesses Community Projects

The School of Industrial Engineering and Engineering Management (IE-EMG) conducted an impact assessment of past projects of Mapua implemented in the different barangays of Pandacan and other adopted communities. The activity aimed to identify the degree of sustainability, and make recommendations for future projects.

The assessed programs included Gawad Kalinga, Computer Fundamentals Short-Term Program (CFSTC), seminars for Public School Teachers and Street Crisis Management Program. Also, the IE-EMG volunteers recommended follow-through activities, educational courses for children and livelihood programs for the community.

Department of Mathematics

Math Department Conducts Review Program for ALEAP Learners

The Department of Mathematics conducted series of review programs for the learners of the Alternative Learning Equivalency and Accreditation Program for the year 2013.

The review aimed to enhance the mathematical skills of the students to prepare them for the national examination of the DepEd.



Department of Physical Education

PE Department holds Basketball Clinic

The PE Department held a Basketball Clinic at Barangay 836 Zone 95, Pandacan, Manila last December 17, 2013.

The activity was participated by around 20 children. The PE faculty members taught the kids the basics of basketball like dribbling and shooting.



Department of Physics

Physics Department Conducts Review Program to High School Students

The Physics Department held review classes for the high school students of Manuel Roxas High School in Pandacan, Manila last January 18, February 1, February 8 and March 1, 2013.

With 120 participating students, the review presented applications, exercises and techniques in solving Physics problems. Post test and pre-test were given to students to check their knowledge on the given subjects.



School of Multimedia and Visual Arts (MVA)

SMVA Conducts Lecture Presentation on Animation and Development

The School of Multimedia and Visual Arts conducted a lecture presentation on Animation Development to the students of Colegio de Sta. Rosa in Intramuros, Manila last December 13, 2013. The topics covered were theories, concepts, and sample animations.

The lecture aimed to let the students understand the basic concepts and principles of animation and to allow the students to appreciate animation as a craft and a profession.



Social Orientation and Community Involvement Program (SOCIP)

SOCIP Continues Relief Programs

The Mapua Institute of Technology through its SOCIP Office headed by Engr. Joyrence Mervin Agas in collaboration with Alfonso Yuchengco Foundation (AYF) and Yuchengco Group of Companies (YGC) went to Busuanga, Palawan for a four-day relief operation last November 23-27, 2013. This was due to the super typhoon named “Yolanda” which hit the Visayan region and killed almost 6,000 people and left thousands of families homeless.

The activity in cooperation with the AY Foundation was able to aid 2,458 families in Busuanga, Palawan.



SOCIP Conducts Bloodletting Programs

SOCIP Office held its semi-annual bloodletting activities this year last June 6 and November 29. Both activities were held at SW101 of Mapua-Intramuros campus.

The activities were in cooperation with Jose R. Reyes Memorial Medical Center which served as the activities' bleeding team.

For June, a total of 80 blood bags were collected while 60 blood bags were collected for November.



Mapua Supports Continuing Education

With continuous improvement in mind, the Office for Social Orientation and Community Involvement Program (SOCIP) spearheaded academic extension services for different high schools in the Metro. Together with other Departments of the Institute, SOCIP conducted various activities to promote Mapúa as the Institute of choice for tertiary technological education.

MAPUA Summer Experience

The Admissions Office led the whole group in the implementation of the Mapúa Summer Experience last April 3 to 5. Work assignments were distributed among participating Mapúa Schools and Departments which included Psychology, Multimedia Arts and Science (MAS), Physics, Chemical Engineering and Chemistry, Departments, Information Technology.

One hundred twenty five (125) PHSs were identified to be part of the activity. 11 out of the 125 invited high schools pre-registered for the seminar/workshop, with a total of 47 incoming fourth year high school students as participants.



Mapua Supports Continuing Education

Continuing Education in Science and Technology 2013

SOCIP held the Continuing Education in Science and Technology (CEST) 2013. The activity had two batches to accommodate the teachers from Mapua's partner high schools in the extension service.

Spearheading the event, the Admissions Office sent out invitations to 125 partner high schools (from NCR, nearby provinces and Middle East Filipino schools). The schools were given the option to choose from 2 schedules; Batch 1 - April 10 & 11 and Batch 2 - July 23 to 25.

The seminar-workshop focused on providing lectures on Chemistry, Physics, Mathematics, HRM and Computer Science. The lectures aimed to assist partner high schools in improving the competencies of teachers and students through continuing education on key areas of Science and Technology. It also served as a promotion of Mapúa Makati programs.



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