



RADIANCE 2012

The Official Magazine of SOCIP
Mapúa Institute of Technology





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**School of Civil,
Environmental and Geological
Engineering (SCEGE)**

SCEGE-GK Merge for Housing Project

The School of Civil, Environmental and Geological Engineering (SCEGE) has once again extended its passion to help by supporting the cause of Gawad Kalinga (GK) last December 17. Faculty members and students from the department went to Kasama Ka Village, Batasan, Quezon City.

Other student volunteers, together with the project coordinator, welcomed the group upon arrival at the site. They gave the visiting SCEGE volunteers a brief orientation on how GK Telus-Kasama Ka Village Project started.



Present in the event were Engr. Edgardo S. Cruz, Engr. Divina R. Gonzales, Engr. Bernard Villaverde, Engr. Melchor Pilonos, Engr. Arsenio Adriano, Engr. Marianne Fernandez

Engr. Ma. Elveta Comsti. The group assisted in clearing and cleaning at the construction site, CHB hauling, concrete mixing, and laying of CHBs for the walls of the GK houses.

The activity ended with a gathering of GK representatives, leaders and the SCEGE faculty and students at the GK plaza.



SCEGE Supports Minalin Rehabilitation

Bad weather and unfavorable working conditions did not dampen the hearts of the School of Civil, Environmental and Geological Engineering (SCEGE) as they spearheaded the assessment of public structures last September 5. The Cardinal volunteers partnered-up with the local government of the Municipality of Minalin in providing technical assistance to the local community.

Engr. Virgilio G. Santos, together with Engr. Mervin M. Cereno, agreed to conduct ocular inspection and provide recommendations to improve Minalin's public structures. The technical review showed different structural damage due to the flood and the collapse of a nearby dike.

According to the report, all dredge material should be hauled away from the water ways to prevent it from flowing back to avoid rework. The rehabilitation and rework on the damage part of the dike has to be done immediately before another phenomenon takes place that might affect the municipality.

The Social Orientation and Community Involvement Program (SO-CIP) Office agreed to coordinate with Mayor Arturo Naguit for the technical report and further actions regarding the project.

School of Chemical Engineering and Chemistry (Che-Chm)



Che-CHm Holds Review Class

The School of Chemical Engineering and Chemistry (ChE-CHM), together with Social Orientation and Community Involvement Program (SOCIP) Office, held a Science Review for High School students of the Polytechnic University of the Philippines (PUP) Laboratory High School in Sta. Mesa, Manila last Aug. 22. The Science Review was entitled Lecture in Stoichiometry.

With 135 participating students, the review presented applications, exercises and techniques in solving Stoichiometry problems. After the lecture, the students evaluated the event. The department got an average of 4.444 out of 5.00.



School of Electronics, Electrical, and Computer Engineering (Ee-EE-CpE)



Ee-EE-CpE Spearheads PC Troubleshooting Workshop

The School of Electronics, Electrical, and Computer Engineering (Ee-EE-CpE) presented a 4-week Extension Service Program entitled PC Troubleshooting to students from Mapúa's adopted community in Pandacan, Manila. Students from JPCS organization assisted in the said activity as student facilitators.

During the first week of the program, Engr. Cyrel Manlises and Engr. Rafael Maramba discussed parts of a Personal Computer, and provided the basics of PC Troubleshooting.

Engr. Isagani Villamor, and Engr. Gerard Ang presented during the second week of the program. They provided the participants discussions on PC assembly, familiarization on system case, hard disk, and troubleshooting power supply and troubleshooting of a system monitor.





The third week tackled topics on CMOS Set-up in PC assembly, familiarization of a Mother board and PC disassembly. Engr. Ayra Panganiban, Engr. Dionis Padilla and Engr. Jumelyn Torres served as the faculty facilitators while JPCS members assisted as student facilitators.

The event concluded with a discussion on formatting and partitioning the hard drive, and installing a windows OS on the hard drive. Prof. Carlos C. Hortinela IV facilitated the class, and provided a practical exam done using the MOODLE at the N201 computer lab room. Engr. Analyn Yumang and Engr. Joshua Cuesta administered the post evaluation to the participants.

**E. T. Yuchengco School of
Business and Management
(ETYSBM)**



HRM-ETYSBM Conducts Cooking Class

The Hotel and Restaurant Management (HRM) Department from the E. T. Yuchengco School of Business and Management (ETYSBM) in Makati Campus conducted a cooking lesson to the residents of Pandacan, Manila last December 6. The activity aimed to teach the participants in the preparation of different food for the holiday season.

The event started with an orientation on the proper use of different measuring spoon for cooking. HRM faculty Prof. Jaycel George S. Abustan gathered the participants in the cooking area and prepared the four dishes for the class.



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



IE-EMG Inspects Community Waterworks

The School of Industrial Engineering and Engineering Management (IE-EMG) conducted an ocular inspection of the Estero de Pandacan last February 24. The faculty volunteers visited three barangays through which the waterway flows.

According to the report, solid wastes contaminated the canal. Barangays around the area had no collaborative structure as regards to the cleanliness of the locale. Also, there were no integrated programs for the LGUs' rehabilitation of the Pandacan Estero.



The IE-EMG volunteers recommended programs to create more awareness and involvement of residents in each barangay. They suggested exploring other use of current and future technology in the estero rehabilitation in reference to the Pasig Rehabilitation Project. In addition, the recommendations showed the need to evaluate how MMDA could extend its services to barangays along the estero.

As part of the report, subsequent plans of action will focus on the projects presented. It will serve as baseline information, and will be consistent with the Institute's overall methodology to contribute to the estero's remediation and rehabilitation.



IE-EMG Assesses Community Projects

The School of Industrial Engineering and Engineering Management (IE-EMG) conducted an impact assessment of past projects last September 28. The activity aimed to identify the degree of sustainability, and make recommendations for future projects.

Prof. Madytaine Delfin served as the person-in-charge to make the assessment based on the data from the Social Orientation and Community Involvement Program (SOCIP) Office.

The assessed programs included Alternative Learning Equivalency and Accreditation Program (ALEAP) and Opportunities for Improvement (OFI). Also, the IE-EMG volunteers recommended follow-through activities, educational courses for children and livelihood programs for the community.

IE-EMG Assesses Community Projects

In association with Philippine Business for Social Progress (PBSP), the School of Industrial Engineering and Engineering Management (IE-EMG) launched a review of the Klinikalusugan project last February 11. The activity aimed to improve the venture implementation in barangays in Balara, Quezon City.

Dean Rex Robielos, Dr. Ma. Cecilia Carlos, and Prof. Grace Lorraine Intal participated in the said review. They provided recommendations on how to improve the implementation plan of the mobile health clinic project. Points of review included such as personnel planning, marketing and collection.



Mathematics Department



Math Department Spearheads HS Teacher Seminar

As part of their extension service, the Department of Mathematics spearheaded a seminar for the high school teachers of Polytechnic University of the Philippines Laboratory High School (PUPLHS) last March 22.

Dr. Dante L. Silva and Prof. Edgar M. Adina served as the speakers for the seminar. Entitled Transforming the Diverse Learners, Dr. Silva's talk discussed the framework on which to design an instructional system that capitalizes on all of the phases of learning act, honoring the diversity of the students and utilizing the best and the most brain-compatible technique of teaching in a platform of an outcomes based education as required by ABET accreditation.



On the other hand, Prof. Adina talked about mathematical proof, its nature and importance to high school math learning. He presented methods on how to construct formal proofs of mathematical assertions, and gave them opportunities to perform the assigned exercises.

The event concluded with the participating teachers, together with their respective principals, discussing their experiences about their students' learning. Also, the principal of PUPLHS requested a seminar about research writing to assist teachers in their thesis writing and in other research.



Physical Education Department



PE Teaches Communities Self-Defence

Mapua Physical Education Department launched Street Crisis Management Series to different communities in the Metro.

Brgy. 841 Zone 92 in Pandacan, Manila received the initial salvo of the training workshop last April 28. Other barangays were also present in the event. With the PE faculty as the program facilitator, the demonstration served as an outlet for participants to learn the basics and to practice the art of self-defence

Academia De San Lorenzo in San Jose Del Monte, Bulacan served as the venue for the program last September 22. Students from the participating school's Criminology and HRM Department attended the event.

The following waves of the program focused on the Manila Police District at UN, Manila last July 5 and December 18. Policemen from the local district joined the self-defence workshop.



Physics Department



Physics Department Conducts Review Course to Mapúans

The Physics Department conducted review classes last July 23 to 27 to students enrolled in different Physics courses. The review classes aimed to prepare the students in their diagnostic examination.

The review in Phy10 was conducted to the students enrolled in Phy11. Students enrolled in Phy12 can attend the review classes for Phy10 and Phy11, and students enrolled in Phy13 can attend all three Physics courses for review.



Psychology Department



Psychology Department Conducts Workshop to Baranga Officials

The Psychology Department conducts a personality development workshop seminar to barangay officials at Pandacan, Manila last May 12. The talk aimed to discuss the personality typologies of the attendees.

Prof. Antero Arias, Prof. Armand Aguado and Prof. Karen Sacdalan served as the speakers of the workshop.

School of Languages, Humanities and Social Sciences Dean Dr. Jonathan Macayan thanked the participants and acknowledged the members of the Psychology Department for holding the seminar.



Psychology Department Conducts Seminar to Public Teachers

The Psychology Department held a seminar to public teachers at Pandacan, Manila last May 5. The talk aimed to discuss the roles of teachers in student development.

Prof. Jasmine Pinugu gave a talk on motivation strategies and students learning styles. The second speaker Prof. Alvin Ignacio talked about technology in the classroom.

The class held lectures that tackled collaborative approach in teaching techniques and strategies for optimum learner satisfaction.



School of Languages, Humanities and Social Sciences (SLHS)



SLHS Conducts Decision-Making Seminar

The School of Languages, Humanities and Social Sciences (SLHS) Humanities Cluster conducted a seminar on decision-making to the representatives of different barangays of Metro Manila last December 1.

The first batch of speakers included Professor Pamela Zamora, Florinda Barquilla and Rufina Panganiban. They represented different strategies in designing a community project. It included discussions on what the barangay needs and on how to go about their projects.



The second batch of speakers included Prof. Neil Edwin Yuzon and Dr. Nestor Asuncion. Prof. Yuzon discussed the importance of decision-making in the barangay level. On the other hand, Dr. Asuncion presented the factors affecting priority projects.

Present in the event were Prof. Marilou Evangelista, Dr. Josephine Tuliao, Prof. Edna Cortez, Prof. Annabelle Donato and Prof. Estrella Alvarado. Prof. Geoffrey Rhoel Cruz served as the host of the activity, while Dr. Reynaldo Padilla gave the closing remarks.



SLHS Holds HS Class Discussions

The School of Languages, Humanities and Social Sciences (SLHS) Humanities Cluster conducted a class discussion to students of Carlos P. Garcia High School in Pandacan, Manila last February 17. The objective of the lecture is to educate the students to better understand the effects of war to the community.

The group presented a dramatization of the story War Makes Me Sad to the class. The professors played different characters to facilitate the students' learning by empathizing with the significant issue of the story.



Prof. Joel Arman C. Franciso moderated the forum of the event. He assisted the students explore the significant issues, moral dilemmas and the relevance of these issues in their daily lives.

Prof. Wilma N. Hamilton Prof. Ryan Leonardo and Prof. Kathleen Jean P. de Ungria were also present in the event.



SLHS Spearheads Leadership Talk

The School of Languages, Humanities and Social Sciences (SLHS) Humanities Cluster spearheaded a seminar on leadership and parliamentary procedures to barangay officials of Pandacan, Manila last September 15. The objective of the talk is to educate the participants in the different leadership styles in handling the community.

Prof. Jose Sonny N. Soriano moderated the forum of the event. Dr. Teresita V. Buenvenida and Prof. Annabelle D.P. Donato started the discussion on leadership styles and cases of alternative dispute resolution, respectively.

Prof. Filomena J. Berenguela gave the closing remarks. Prof. Gilda O. Gabuyo and Prof. Rufina G. Panganiban, Dr. Christine Carmela R. Ramos, Dr. Nestor M. Asuncion facilitated the organization of the participants.

Prof. Matilde B. Bangoy, Dr. Melba M. Bergado, Prof. Wilma N. Hamilton, and Dr. Beulah U. Palma assisted the participants in the evaluation of the activity.



Social Orientation and Community Involvement Program (SOCIP)



Cardinals Support Annual Continuing Education Program

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.

Summer Experience

The Admissions Office led the whole group in the implementation of the Mapúa Summer Experience last March 27 to 29. Work assignments were distributed among participating Mapúa Schools and Departments which include Multimedia Arts and Science (MAS), Chemical Engineering and Chemistry, Physics, Psychology, and Information Technology.

One hundred fifty eight (109) private high schools were identified to be part of the activity. Prior to the event, 30 out of the 109 invited high schools pre-registered for the seminar.



Continuing Education

Aiming to improve the quality of inputs into Mapúa programs, SOCIP held the Continuing Education in Science and Technology (CEST) 2012. The activity had two batches to accommodate the more students in the extension service.

Spearheading the event, the Admissions Office sent out invitations to 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 was schedule last April 11 to 13, while Batch 2 was geared to push through last July 17 to 19. Thirty out of the 158 invited high schools pre-registered for the first batch, while 28 opt to go for the second batch.

The seminar-workshop focused on providing lectures on Chemistry, Physics, Mathematics, and Computer Science. The lectures aim 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.



SOCIP Continues Relief Programs

The Office for Social Orientation and Community Involvement Program (SOCIP) conducted relief distribution programs to different parts of the country. Driven to provide institutional assistance and calamity aid, the Mapúan community launched their support plan to various communities in need.

Assistance for Goodwill Maintenance

The SOCIP Office went to the Pugad Elementary School in Hagonoy, Bulacan last January 5 to donate school supplies to the students. The visit aimed to provide assistance to the students' needs.

Headed by Ms. Carmelita A. Andres of Pugad Elementary School, the local faculty gave the Mapúan volunteers a background on the school. As part of building the relationship between both institutions, the visiting group met the students for the supplies distribution.



Aid for Calamity Survival

Mapúan volunteers went out of their way to extend their support to different communities affected by typhoons throughout the year. Damaged by calamities, the deranged areas served as key points for SOCIP's donation program.

The Cardinal volunteers delivered relief goods to the fire victims of Barangay Manresa, Quezon City last September 24, 2012. Barangay Secretary Alma Balita welcomed the group and organized the distribution to the community. A total of 67 packs composed of used clothes, shoes, and assorted goods were delivered.

The Central Student Council, in collaboration with the SOCIP Office, conducted a relief operation last August 18 at Barangay Iba to the victims of flood brought by the Habagat.

Barangay officials welcomed the officers of the Student Council. Recipients lined-up in the barangay covered court waiting for the distribution of the relief goods. The group, assisted by the barangay volunteers, started the relief goods distribution. Packed canned goods, noodles, water and used clothes were given.



Mapúa Spearheads Medical Missions

In line with the Institute's yearly activity, the Office for Social Orientation and Community Involvement Program (SOCIP) conducted Medical Services to their adoptive communities.

Bloodletting Activities

SOCIP initiated bloodletting events this year last June 1 and December 7, both at the Student Pavilion of Mapúa – Intramuros.

The June bloodletting was held in coordination with the Jose Reyes Memorial Medical Center (JRMMC) which served as the group's Bleeding Team. A total of 65 blood donors participated in the event.

JRMMC served as the group's Bleeding Team, and Manila Health Department – District V and the Manila Lions Club assisted in the December event. Seventy-five volunteers donated in the bloodletting.



Medical Missions

SOCIP initiated a Medical Mission at Barangay 839 Zone 91 and Barangay 866 Zone 95 in Pandacan, Manila last March 10 and November 17, respectively. The said activity was a joint effort with San Lorenzo Ruiz School of Health Sciences as part of their extension service.

SOCIP Office tapped the help of its partner doctors from the Manila Health Department to serve as the Physicians for the Medical Mission.

The group arrived at Barangay 839 with Chairman Alfredo Gaiser, Jr as the leader of the welcoming committee. A total of 120 patients participated from the activity.

On the other hand, Chairwoman Teresita Viaña of Barangay 866 welcomed the Cardinal volunteers. 154 residents benefited from the charity



School of Information Technology (SOIT)



SOIT Conducts Computer Course Training

Employees of the Metro Manila Development Authority (MMDA) took part in the Computer Fundamentals Short Term Course (CFSTC) program of the School of IT (SOIT) held last May 19, 26, June 2, November 10, 17, and 24 at the Makati campus.



The CFSTC was a continuing program given to out-of-school youth, Pandacan residents, and government employees who would like to be computer literate. It was a two-part training consisting of basic and advanced levels.

The program was a joint effort of the Office for Social Orientation and Community Involvement Programs (SOCIP) and SOIT. Members of CS/IT student organizations also helped in facilitating the training.

Student Organization - Institute of Integrated Electrical Engineers (IIEE)



IIEE Conducts Outreach Program

Institute of Integrated Electrical Engineers – Mapúa Institute of Technology (IIEE-MIT) held an outreach program on basic electrical safety at Brgy. 872 Zone 95, Pandacan, Manila last February 26. Engr. Roberto Galang, Engr. Menrado Raras and Engr. Dan Barrera, 2 personnel from Meralco-Makati and 1 from Meralco-Malate were present in the activity.

The program started with a talk from Engr. Roberto Galang served as the first speaker on how to prevent accidents that involves electricity and how to consume less electricity. Speakers from Meralco discussed the background of the electric company and their customer charges. Also, they tackled accidents that could happen when touching live wires.

The lecture concluded with a forum with the participating residents from the barangay present in the outreach program.



Student Organization - Mapua Psychological Society (MPS)



MPA Spearheads Seminar on Confidence Development

The Mapua Psychological Society (MPA) held a seminar at Bagong Barangay Elementary School, Pandacan Manila last August 28. Entitled Developing Confidence and Goal Orientation through Story telling and Role Playing, the event aimed to apply the knowledge of AB/BS Psychology Majors in the field of educational settings.

The teachers, students and the principal welcomed and entertained the Cardinal volunteers. Student participants joined the activities and expressed individuality and personality through imaginative play and use of language for social interaction.



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