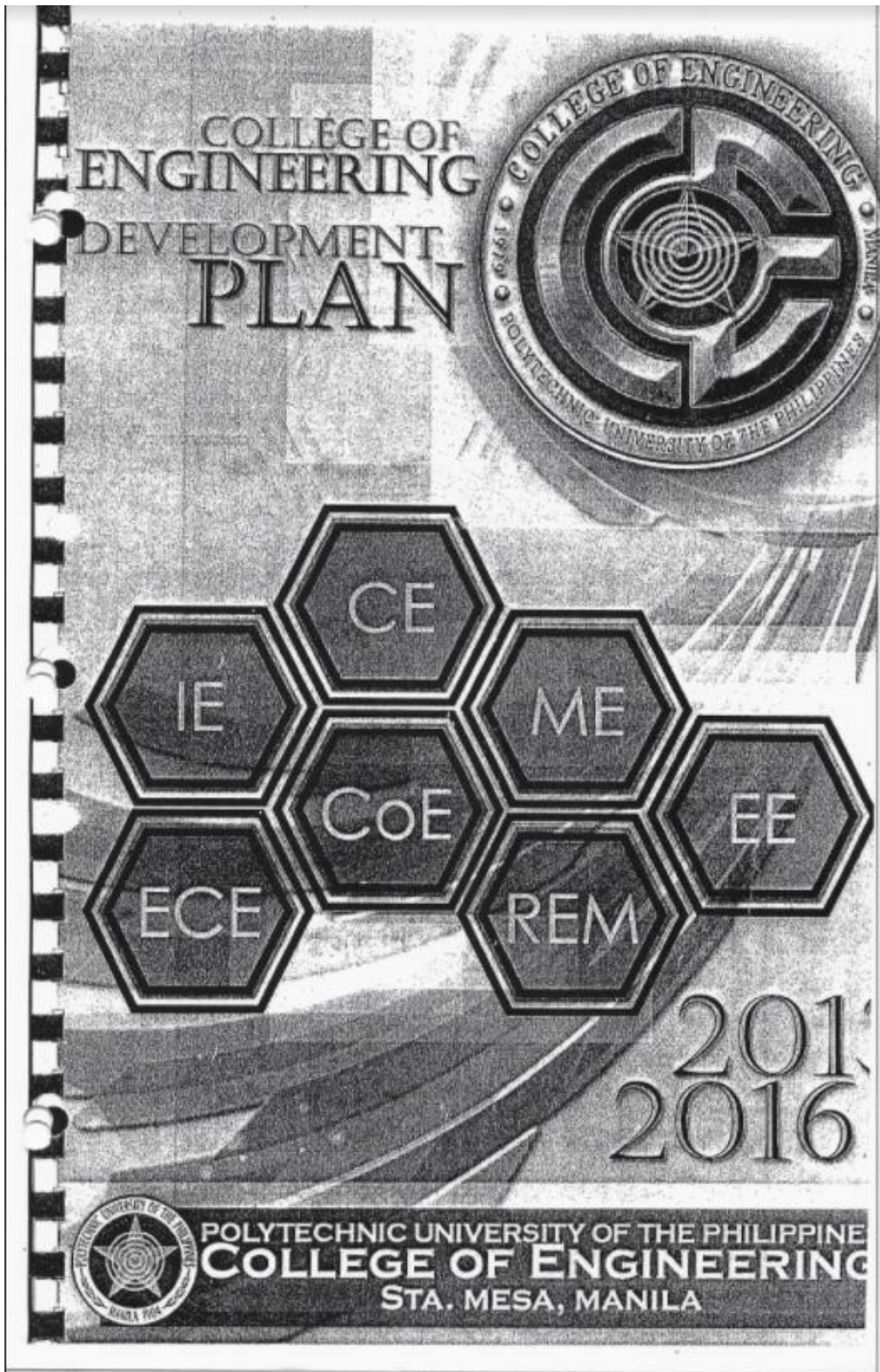




POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**





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College of Engineering Updated Development Plan  
(2013-2016)

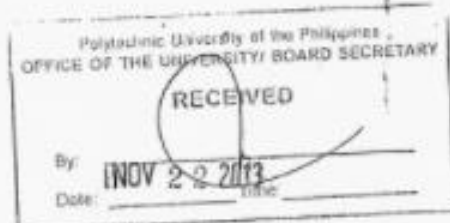
**Foreword**

As a flagship college of this University, The College of Engineering is keen on developing an international standard compliant, research based curriculum focused on technological advancement in pursuing academic excellence through disciplinary integrity. Our objective of complying with the basic requirements of CHED, ISO and ABET for our curriculum would be inherent with our globally competent and skilled alumni. The Outcomes based curriculum and syllabi, plus the formulation of a competency module would enriched and improved the curricular offerings attuned to national development and present technological advancement as we deal with varied egos, perfect the art of multi-tasking and helping harness student's knowledge and skills to produce brilliant graduates.

Embedding the culture of research, the College of Engineering would encourage faculty members and students to conduct research, developmental study or technical paper that are abreast to the trends, needs and demands of the technological world and be updated on the current research thrusts. We would institutionalize the industry tie up and partnership for long term research programs and shall integrate research in all subjects. We would also participate in national and international research conferences and forum and see to it that these will be published or refereed in Research Journals. The tie up between the College and REAP (Renewable Energy Association of the Philippines) in cooperation with Treed C and Tennessee Tech was made possible as well as Shell Philippines for the Tanglaw Car is an indication of our research outputs. Soon to follow are partnership with Korea, Denmark, Singapore, Malaysia, Vietnam and China.

The College is committed on assuring transparency and will actively participate in giving recognitions/ sanctions to outstanding/erring faculty members and student leaders. The modernization and upgrading of our physical facilities, equipment and library is also part of our priorities in partnership with our alumni and industry sponsors amongst them Smart, ASUS, NST Global Corporation, Uniliver Philippines among other companies.

The reconceptualization of Academic freedom is given emphasis as well, as we empower the Faculty members through faculty development program and strategic planning activities, engaging in national and international conferences, workshops, trainings, industry immersion and seminars. The faculty is given recreational and social activities by showcasing their sports, dancing, and singing prowess. We empower the College publication office in conducting academic and non-academic practices.







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Summer

| Code      | Subject Description                       | No. of Hours |     | Units | Prerequisite/<br>Co-requisite |
|-----------|---|--------------|-----|-------|-------------------------------|
|           |   | Lec          | Lab |       |                               |
| REMA 4022 | Practicum 2 (On-the-job Training, 300hrs) | 0            | 6   | 2     | Practicum 1                   |
| Total     |   |              |     | 2     |                               |

Fifth Year, First Semester

| Code      | Subject Description  | No. of Hours |     | Units | Prerequisite/<br>Co-requisite                    |
|-----------|--|--------------|-----|-------|--|
|           |  | Lec          | Lab |       |  |
| REMA 3163 | Static & Dynamic Track Design                              | 3            | 0   | 3     | Fifth Year Standing                              |
| REMA 3193 | Railway Communication and Signal                           | 2            | 3   | 3     | REMA 3123  |
| REMA 3213 | Rail Track Design and Construction                         | 2            | 3   | 3     | Fifth Year Standing                              |
| REMA 3223 | Infrastructure & Track System                              | 3            | 0   | 3     | Fifth Year Standing                              |
| REMA 3233 | Rolling Stock Maintenance                                  | 3            | 0   | 3     | REMA 3143  |
| REMA      | Total Quality Management                                   | 3            | 0   | 3     | First Year Standing                              |
| REMA 3153 | Railway Safety Engineering & Management                    | 2            | 3   | 3     | Fifth Year Standing                              |
| REMA      | Rail Operations Management Project Definition and Planning | 3            | 0   | 3     | Rail Operations Risk Management & Administration |
| REMA 4042 | REM Research Project 2                                     | 1            | 3   | 2     | REMA 4034  |
| Total     |  | 22           | 12  | 26    |  |

Fifth Year, Second Semester

| Code      | Subject Description                                | No. of Hours |     | Units | Prerequisite/<br>Co-requisite                     |
|-----------|--|--------------|-----|-------|---|
|           |  | Lec          | Lab |       |   |
| REMA 3243 | Transportation Engineering Economics               | 3            | 0   | 3     | Fifth Year Standing                               |
| REMA 3253 | Rail Operations Management Project Implementation  | 2            | 3   | 3     | Rail Operations Management Project Def & Planning |
| REMA 3273 | Rail System Evaluation                             | 3            | 0   | 3     | Fifth Year Standing                               |
| REMA 3283 | Railway Project Evaluation & Appraisal             | 2            | 3   | 3     | Fifth Year Standing                               |
| REMA 3293 | Environmental Assessment of Transportation Project | 3            | 0   | 3     | Fifth Year Standing                               |
| REMA 3252 | Site Inspection & Seminars                         | 0            | 6   | 2     | Fifth Year Standing                               |
| CEN 3333  | CE Laws, Contracts, Specifications & Ethics        | 3            | 0   | 3     | Fifth Year Standing                               |
| REMA      | Corporate Planning and Governance                  | 3            | 0   | 3     | Fifth Year Standing                               |
| Total     |  | 19           | 12  | 23    |   |

Vision/Mission/Philosophy/Core Values of the University:

**Vision**

Clearing the paths while laying new foundations to transform the Polytechnic University of the Philippines into an epistemic community.

**Mission**

The mission of PUP in the 21st Century is to provide the highest quality of comprehensive and global education and community services accessible to all students, Filipinos and foreigners alike.

It shall offer high quality undergraduate and graduate programs that are responsive to the changing needs of the students to enable them to lead productive and meaningful lives.



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**PUP commits itself to:**

1. Democratize access to educational opportunities;
2. Promote science and technology consciousness and develop relevant expertise and competence among all members of the academe, stressing their importance in building a truly independent and sovereign Philippines;
3. Emphasize the unrestrained and unremitting search for truth and its defense, as well as the advancement of moral and spiritual values;
4. Promote awareness of our beneficial and relevant cultural heritage;
5. Develop in the students and faculty the values of self-discipline, love of country and social consciousness and the need to defend human rights;
6. Provide its students and faculty with a liberal arts-based education essential to a broader understanding and appreciation of life and to the total development of the individual;
7. Make the students and faculty aware of technological, social as well as political and economic problems and encourage them to contribute to the realization of nationalist industrialization and economic development of the country;
8. Use and propagate the national language and other Philippine languages and develop proficiency in English and other foreign languages required by the students' fields of specialization;
9. Promote intellectual leadership and sustain a humane and technologically advanced academic community where people of diverse ideologies work and learn together to attain academic, research and service excellence in a continually changing world; and
10. Build a learning community in touch with the main currents of political, economic and cultural life throughout the world; a community enriched by the presence of a significant number of international students; and a community supported by new technologies that facilitate active participation in the creation and use of information and knowledge on a global scale.

**Goals**

Reflective of the great emphasis being given by the country's leadership aimed at providing appropriate attention to the alleviation of the plight of the poor, the development of the citizens, and of the national economy to become globally competitive, the University shall commit its academic resources and manpower to achieve its goals through:

1. Provision of undergraduate and graduate education which meet international standards of quality and excellence;





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2. Generation and transmission of knowledge in the broad range of disciplines relevant and responsive to the dynamically changing domestic and international environment;
3. Provision of more equitable access to higher education opportunities to deserving and qualified Filipinos; and
4. Optimization, through efficiency and effectiveness, of social, institutional, and individual returns and benefits derived from the utilization of higher education resources.

#### Philosophy

As a state university, the Polytechnic University of the Philippines believes that:

Education is an instrument for the development of the citizenry and for the enhancement of nation building;

Meaningful growth and transformation of the country are best achieved in an atmosphere of brotherhood, peace, freedom, justice and a nationalist-oriented education imbued with the spirit of humanist internationalism.

#### PUP: Eight-Point Agenda (Dr. Emanuel C. De Guzman, PUP President)

1. Pursuing Academic Excellence through Disciplinary Integrity
  - Research development through disciplinary integrity
  - Coupling of Research and Instruction
  - Faculty and Student development through fellowships, exchanges and research involvements (establishing research foundations)
2. Embedding a Culture of Research in PUP
  - Doing away with the "turf mentality" in the academic and research sectors
  - Developing and implementing a sound research capability program in each of the colleges and campuses through the collaboration of the academic and research sectors
  - Encouraging and supporting talented faculty members to embark on research-based graduate programs in reputable universities
  - Recruit promising and established faculty members to spark research ideas and projects and to link the colleges with the research communities of their disciplines
  - Properly reward achievers in research (research-track professorship, society of scientists and writers)
3. Assuring Transparency and Participatoriness in Giving Rewards and Sanctions
  - Placing the right people in right positions
  - Institutionalizing change of status and promotion processes (rational but just)

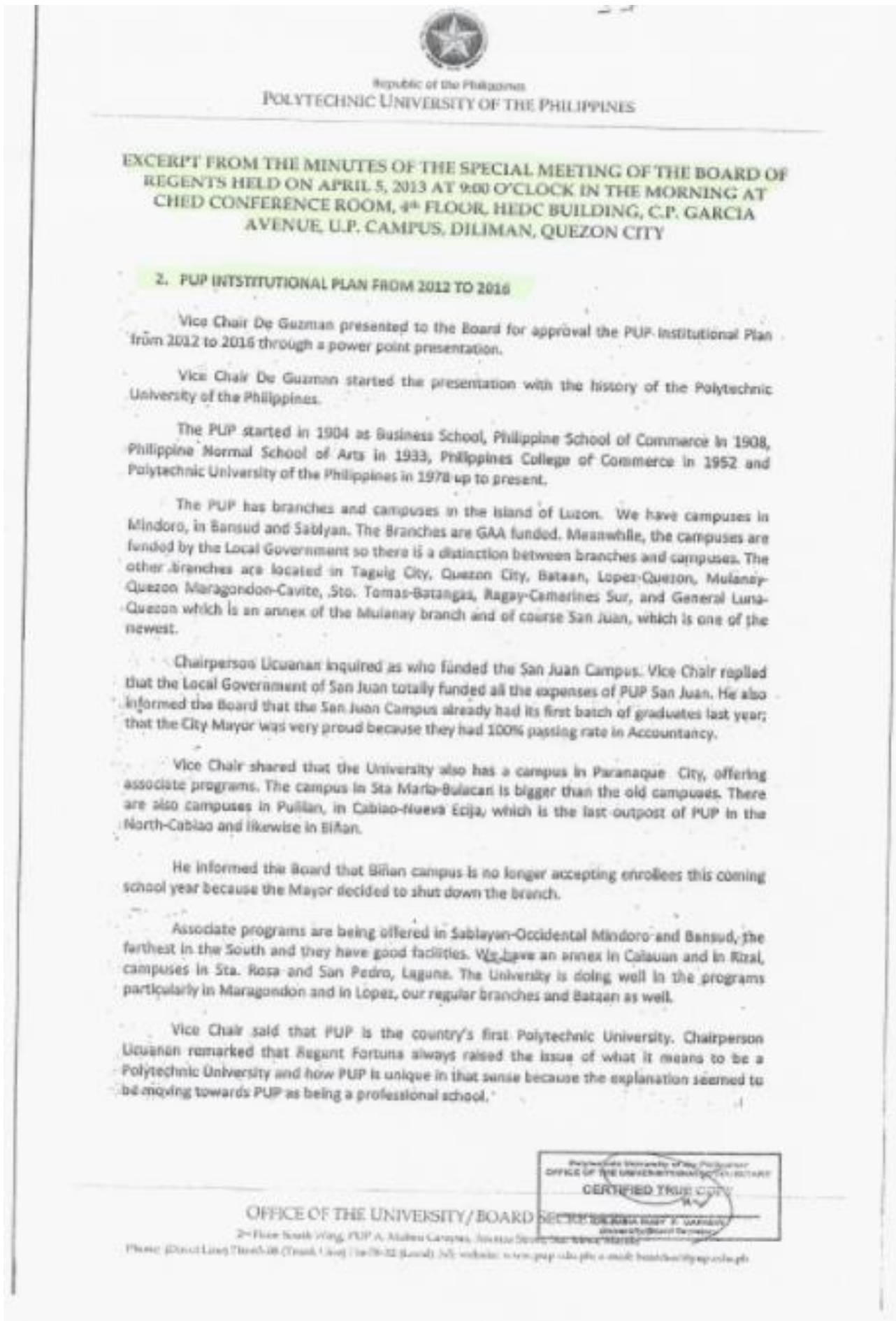


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- Continuous upgrading of capabilities of faculty and staff for right career paths
  - Providing equal opportunities for faculty academic exchange
  - Empowering and democratizing the employees and faculty unions
4. Modernization and Upgrading of Physical Facilities, Equipment, Library and Campus Development
- Starting up an open-shelves library system to complement an upgraded e-Library
  - Upgrading physical facilities and laboratory
  - Build and refurbish classrooms and new facilities for students, faculty and staff
  - State-of-the-art Information Communication Technology
  - Clean environment/Proper waste disposal management system
5. Reconceptualization of Academic Freedom
- Institutionalize student and faculty government and publication
  - Review of student and faculty development programs
  - Allowing students to participate in knowledge production
  - Creation of venues for sectoral involvement in decision making
  - Expansion of scholarship and exchange programs
6. Institutionalizing Civil Society Engagement and Involved Extension Service Program
- Engaging social issues in both discourse and practice
  - Embedding a good social conscience in the sectors of PUP
  - Expanding extension and community involvement
  - Expanding academic and institutional linkages
  - Redefining our involvement in LGUs and their communities
7. Fiscal Responsibility
- Involving the publics of PUP in funds management and appropriation
  - Conscientious observance of fiduciary rules
  - Prudent allocation of funds - academic and research concerns must be prioritized
  - Transparency in all fiscal transactions
8. Assessment of Institutional Processes and Critical-Rational Review of the Entire Organization
- Review of current organizational structures, personnel positions and qualifications, status of the faculty (academic qualifications, research involvements and specialization) and academic programs
  - Review of policies on faculty and personnel recruitment and new student entrants



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Vice Chair De-Guzman said that the Polytechnic is an institution that produces professionals like Doctors, Engineers, Accountants, Teachers, but the idea is telling the public that we are the first Polytechnic University. He also informed the Board that the University is the current holder of the Guinness Book of World Records in forming the world's largest human rainbow.

The University has been declared as an IT Zone- Microsoft Certified Government Technology Education Center, the State University with the highest number of programs accredited by AACLUP.

Regent Tavares asked the Vice Chair what it meant by being an IT Zone. Vice Chair replied that PUP is the only State University apart from U.P. which has an information system. This means people can enroll online, pay online and at the same time process transactions which is now being done using a program, a system or a software. This coming semester, the faculty will be evaluated via online as well.

Regent Fortuna said that in fairness to the PUP, the students are outstanding. That is why she suggested Vice Chair to equip them with state of the art equipment.

Vice Chair also informed the Board that the PUP Open University is recognized by UNESCO as Asia Pacific's knowledge base in open distance learning since 2010. The PUP is the only State University aside from UP who offer courses online, a combination of online and offline courses. We have 100% compliance rating by CHED Technical Panel on Distance and Trans-National Education. He also said that PUP is now a Center of Development in Journalism and candidate for the Center of Development in Broadcast Communication.

He informed the Board that the PUP is 1<sup>st</sup> place in the ECE Board Examination and 2<sup>nd</sup> place in Architecture and 3<sup>rd</sup> place in Electrical, 6<sup>th</sup> place in EE and CE Board Exam, 8<sup>th</sup> place in CPA and 10<sup>th</sup> place in Registered Mechanical Engineering (RME).

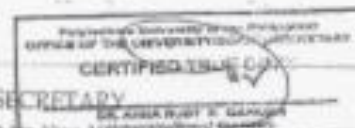
• Graduation data. Graduates in the most recent school year are more than 7 thousand in the main campus and more than 4 thousand in the branches. The PUP has more than 11 thousand graduates a year.

• The Vision of the University. PUP is clearing the path to transform the Polytechnic University of the Philippines to an Epistemic Community.

Vice Chair De Guzman presented to the Board the 8 points agenda of his administration.

**Agenda # 1 – PURSUING ACADEMIC EXCELLENCE THROUGH DISPLINED INTEGRITY**

• He said that this agenda has 15 objectives, 68 programs, project and activities required by a budget of Php2.044 Million in 2012 and Php1.148 Million in 2013.



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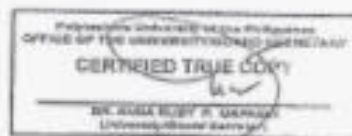
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- He said that the objective of this agenda is to ensure globally focused, research oriented and internationally competitive curricula in the undergraduate and graduate levels, to promote and maintain quality assurance, to enhance the graduates' performance in professional licensure and Bar examinations, to provide cognitive and comprehensive learning opportunities that will raise students' scientific and-communicative skills, comparable to counterpart in other countries and to improve the quality and profile of the faculty.
- He informed the Board that the faculty enrollees in the graduate school doubled because of the policy implemented by the administration, which is "no masters degree no tenure." Otherwise, they are going to lose their temporary status.
- He said that in 2011-2012, we had 34 in Doctorate program, 133 in Masters program and 1 in Bachelor of Laws. For the current year, we have 48 in Doctorate program, 105 in the Masters program and 1 in Bachelor of Laws.
- In addition to the aforementioned objectives: to adapt academic programs to meet the demands of domestic and global market, to produce globally competitive graduates, to enhance PUP image as a destination of choice for degree and non-degree seeking international students, to develop a holistic student development program, to develop programs and projects that will enhance student services.
- Still agenda No. 1, to produce exemplary scholar and then recipient of financial grants who have demonstrated the highest standards of academic excellence and scholars aptitude and character, to rationalize the existing scholarship financial assistance programs, to strengthen the status of the PUP Open University as a strong open distance learning institution, to strengthen PUP as CHED deputized Higher Education Institution (HEI), offering Expanded Tertiary Education Equivalency and Accredited program or ETEAPP, to develop assessment tools and communication plan and to increase the number of enrollees and graduates under the ETEAAP.



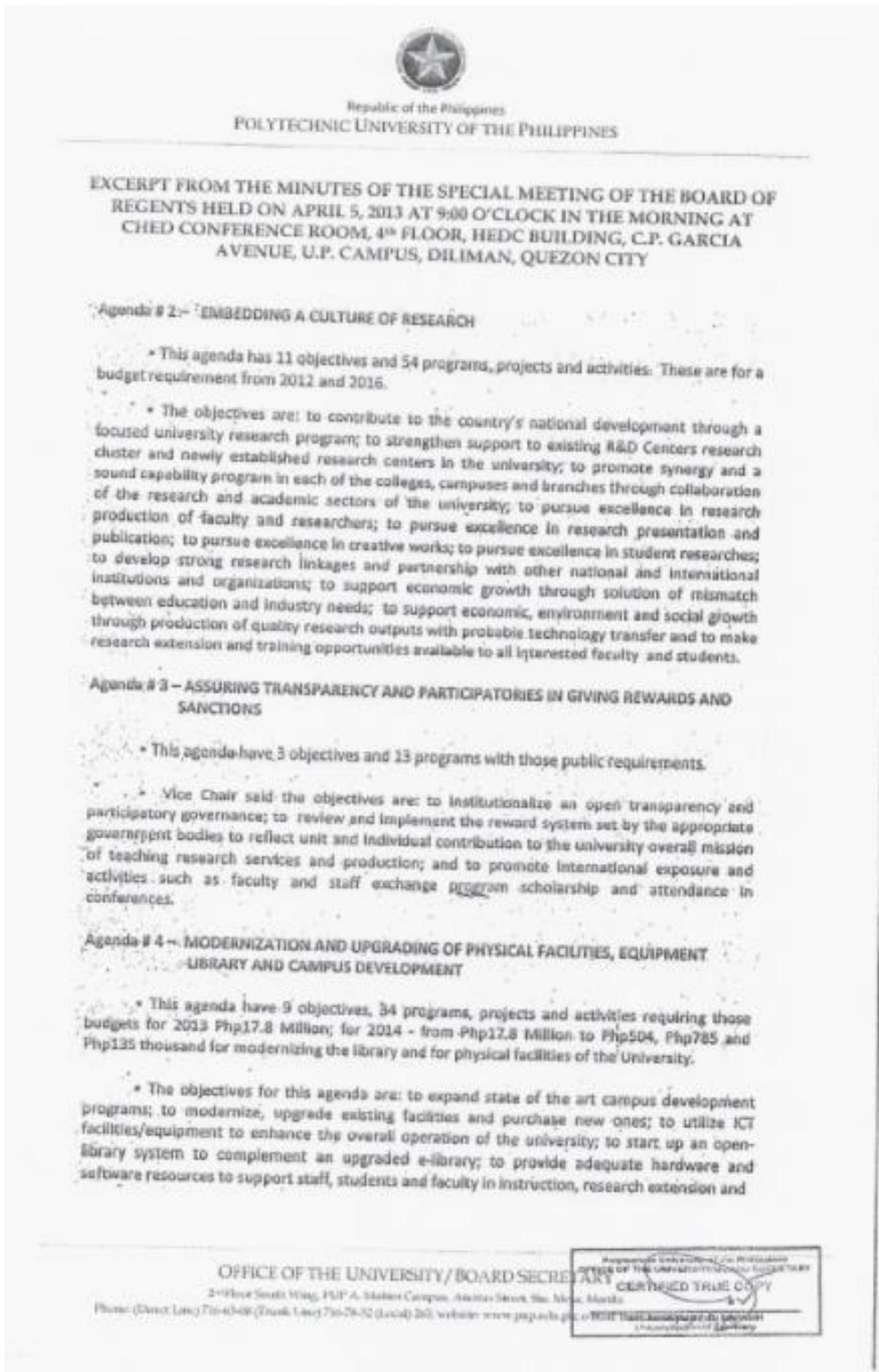
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production; to maximize delivery programs through the use of ICT; to strengthen use of technology to improve administrative efficiency and effectiveness; to integrate appropriate ICT with instruction, research production and community service and to implement with vigor the University Zero Waste Management Program.

• He informed the Board that the Administration has a project which is to have open shelves in the library. He promised to develop or upgrade the e-library.

**Agenda # 5 - RECONCEPTUALIZATION OF ACADEMIC FREEDOM**

• The agenda consists of 4 objectives and 10 projects and activities requiring those budgets from 2012 to 2016.

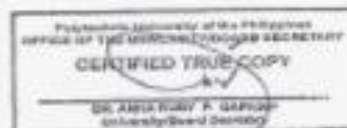
• The objectives of the agenda. To establish and foster a climate of academic integrity in the exercise of academic freedom; to exercise academic freedom in the research, publication and other scholarly pursuits; to become effective teacher and employees and to create venues for sectoral involvement in decision-making.

• Vice Chair wished that the burning of the chairs is not part of Academic Freedom.

**Agenda # 6 - INSTITUTIONALIZING CIVIL SOCIETY ENGAGEMENT AND INVOLVED EXTENSION OF SERVICES PROGRAMS**

• There are 8 objectives and 49 programs with those budget requirements.

• The objectives for this agenda. To pursue excellence in extension services; to sustain and strengthen the university, colleges campuses/branches tie-tips with local barangays in their communities; to establish a system of recognition, rewards and incentives for best practices in extension services that have impact on the needs of the communities served; to provide students greater opportunities to strengthen their social awareness and involvement, volunteerism and advocacies; to address societal needs related to improvement of the quality of life through extension and community service and technology transfer; to take the lead in building partnership, linkages and other twinning arrangement with industries, the government and other education institutions; to establish alumni contracts throughout the country and the world to ensure that the alumni are well-informed of and regularly consulted about roles they need to perform in building and enhancing the PUP public image; and to develop and implement an excellent communication system to dissemination and promotion of extension and community involvement program.



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**Agenda # 7 - FISCAL RESPONSIBILITY**

• There are 9 objectives and 15 programs, projects and activities with those budget requirements.

• The objectives of this agenda: To ensure transparent, effective and efficient fiscal management; to ensure the timely release of funds for projects and activities; to implement the efficient and effective procurement system; to implement a responsive and efficient Financial Management Information (FMIS); to explore possible sources of additional benefits for faculty members and employees; to rationalize structure and programs of fees; to develop business plans for production and income generating projects; to strengthen other existing projects that augment the IGP capabilities of the University; and to promote and establish a strong fund campaign for the generation of additional resources and funding opportunities for scholarship, research grants and other development projects.

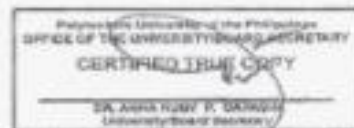
**Agenda # 8 - ASSESSMENT OF INSTITUTIONAL PROCESSES AND CRITICAL RATIONAL REVIEW OF THE ENTIRE ORGANIZATION**

• This agenda consists of 2 objectives with those budget requirements.

• The objectives. To refocus and realign institutional capabilities to university's current vision, strategic goals and priorities and to review and implement the reward system set by appropriate government bodies to reflect unit and individual contributions to the university's overall mission of teaching, research, service and production.

According to Vice Chair De Guzman, this is the summary of all the objectives and budget requirements, which are all part of the personal services.

He informed the Board that the PUP had already submitted a budget ceiling to the DBM amounting to Php2.1 Billion. The ideal budget for PUP, considering the population, will start the process of transforming the University into what we envision it to be-- to follow the national and international standards.



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Comments & Suggestion of the Board of Regents:

Chairperson Licuanan said that there is improvement. PASUC has been very much involved to reflect certain things like for instance, enrolment in the priority and over-quality areas. The same number of points cannot be credited for just formed bodies. It has to be in certain areas. This may be called fidelity to mission. Mandate is another thing trying to be operationalized. She said they have to help PUP find identity, identify its character and main areas—its niches as it work.

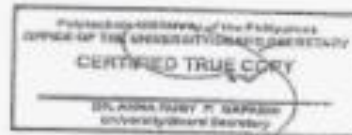
Regent Fortuna suggested the inclusion of something related to intellectual property. This will encourage the researchers to have their works patented. She stated that PUP is part of the ITSU, wondering why they cannot re-activate PUP in ITSU. Vice Chair replied that PUP is currently applying for the patent to one invention.

Regent Songco has an observation, that PUP must find its objectives around the strategies to be able to attain it. She said there should be a clear definition of what the objective is, what the goal is, what the strategy is, what the facts, programs, projects and activities are since there is a confusion. As an example she mentioned the first objective which would be to come up with scholarships, programs and the like. She doesn't think those are objectives but those are already strategies that gain the objectives.

Vice Chair De Guzman informed the Board that the management has two projects which is the open shelves in the library and the development or upgrade of our e-library.

Chairperson Licuanan questioned the Vice Chair De Guzman and other SUC's why SUC's would put a premium in any form to foreign students. She also finds it questionable the role of foreign students and what justifies the foreign student enrolment in a state funded institution? In response to Chairperson Licuanan, Vice Chair said that the primary reason is because they pay more.

Regent De Leon suggested to Vice Chair De Guzman to mobilize the alumni to provide support to the PUP, mentioning Mr. Tanasias as a successful alumni, therefore he thought he should pay forward also. In this way, the PUP can harness the successful alumni. She said that the successful students who have already graduated can come back and say... "that I'm now fulfilled upon to be able to give more scholarship because I believe that the Polytechnic University of the Philippines should already by this time have such huge scores of people who could not... who are people who are no longer poor." Poor no more as they say because the education in PUP fills and she thinks it is going to be excellent.



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Vice Chair De Guzman informed the Board that one of the alumnus, Mr. Noel Gonzales, is proposing to build a high school complex in PUP. Chairperson Ucuanan asked Vice Chair De Guzman why is he building a high school. Vice Chair De Guzman replied that the person would like to put up a new building for the PUP Laboratory High School (PUPLHS).

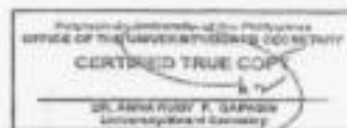
He also informed the Board that Mr. Noel Gonzales and Mr. Fernando Martinez who is the President/CEO of a small player in a petroleum industry, are joining hands in mobilizing the core of the alumni who will fund the new building for the PUPLHS. The Vice Chair likewise informed the Board that the University had established an office for alumni affairs. This office however is not part of the federation of the alumni.

Regent Tanasas asked Vice Chair De Guzman if this is another department in the University. Vice Chair De Guzman replied in the affirmative and said that the function of this office is to communicate with the federation and to track down PUP alumni specially those who have been successful in their respective fields and encourage them to extend any form of assistance to the university. The first project is to communicate with the best graduates, those who are successful, and see what they can do for the university.

Regent Dela Torre said that he remembers that the previous administration was very kind to the position of PUP regarding renewed energy. The whole field of energy is huge and the University has to deal with DGE and DOST and the University must position itself and then find the niche. He asked Vice Chair De Guzman why there is no mention of energy or any of its field like General Physics in the development plan but he believes that there is something about ADB or solar energy.

The Vice Chair replied that the University is still pursuing the solar panels to be built in PUP with the help of and in partnership with ADB.

Regent dela Torre continued and gave examples like the rural electric cooperatives with MEYA which conducts continuing programs of training in related fields of engineering, short courses and academic works. There are works with the MEYA, Mega Electric Cooperatives and the private distribution utilities, transmission and generation and the big players are coming in to this.



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POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
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EXCERPT FROM THE MINUTES OF THE SPECIAL MEETING OF THE BOARD OF  
REGENTS HELD ON APRIL 5, 2013 AT 9:00 O'CLOCK IN THE MORNING AT  
CHED CONFERENCE ROOM, 4<sup>th</sup> FLOOR, HEDC BUILDING, C.P. GARCIA  
AVENUE, U.P. CAMPUS, DILIMAN, QUEZON CITY

Vice Chair De Guzman said that funds for energy development plan may come from the Malampaya. It will be donated to PUP by the Department of Energy and this is a Php100M project which has already started even during Dr. Guevarra's administration wherein the Vice Chair was part of the committee spearheading the project as he was still in research before he became President. Mr. Fernando Martinez was mediating between PUP, DOE and Malampaya and there were already funds allocated for it but were only stalled because of the political turmoil in PUP which led to the selection of a new President but the University is optimistic that in the next semester, the University can start the project for the building of the NATGAS Institute. The budget of Php100M will be divided. The Php50M is for the building and the other Php50M will go to the operations. The University will send scholars abroad and come back and teach. They can now afford the curricular programs for NATGAS and other renewable energy programs.

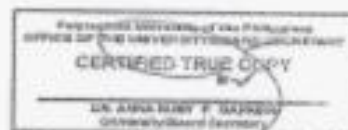
Regent Fortuna had received information that the PUP has good people and the University is offering courses like Meteorological Engineering. Vice Chair De Guzman replied that as of now PUP has no meteorological course. Regent Fortuna suggested to the Vice Chair to start with the modular approach either with De La Salle or U.P. and then you find your niche.

Vice Chair replied that he merely inherited the system and that it is not that simple to close a program because there are people attached to the program in terms of livelihood and of course the career of tenured faculty members.

Regent Fortuna said that she is not saying the University needs to close the program. Since the University has good people, the University can go on a modular approach, one needs only to see which courses or subjects are not being offered by the University and are offered by other universities and the University can start from there.

The Vice Chair informed the Board of his intention to re-open the Railway Engineering in the next school year and that he transferred one section from the College of Business to the Railway Engineering because the University has the necessary expertise on the said program. Regent Fortuna then said that she was actually surprised and elated when she heard that PUP has the Railway Engineering program which really reflects that people from PUP are indeed good.

Regent Fortuna further suggested to the Vice Chair to further strengthen what PUP has and not what it doesn't have because the other schools do not have it.



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 AVENUE, U.P. CAMPUS, DILIMAN, QUEZON CITY

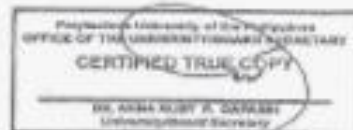
Regent dela Torre suggested that after the University has done its development plan, a second initiative be made based on this. There were indeed problems due to change of management but the focus of this group is to identify the needs of the University; it is likened to a blue oceans study, theoretically PUP should have the framework and work closely with relevant national government agencies because they have their strategic plans and HRD plans and thereafter look at SUC's then at UP and then PUP. People should think that after UP there is PUP. People should not view PUP as merely the largest university but that it has other privileges. The second layer must be developed and these are experimental and pioneering. There is a developmental process and therefore it is suggested that a small task force be created to focus on this.

Regent dela Torre stated that the University only have to choose a few and not too many. It is the future that should be established, the future that's already starting now. Regent dela Torre understands the University's strategic planning process but the University have to consider the givens and you start to rationalize the givens but sometimes rationalizations includes developing new ones but are not yet in the immediate structure or horizon so the question is how will it be funded and who will work for that and it is for this reason that the modular approach will not always be feasible for the University.

Vice Chair De Guzman replied that because the University is operating on this particular given budget for instance, he saw that the University have too many sections funded in a particular college such as the College of Business which has too many students. And to address this situation the Vice Chair migrated sections from the College of Business to the potential programs in the Engineering.

The Chairperson agreed and stated that it is indeed an over subscribed area.

Vice Chair further stated that the railways are going to be very prominent in the future and is a potential program. PUP has been doing its best to achieve its goals despite the lack of budget. To augment the lack of budget, the University tries to look from appropriated funds from somewhere and transfer them to another. He likewise stated that he does not know of a modular approach that does not require new money or generate its own money to favor itself.



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The Chairperson stated that if the University has special ideas that are exciting then there would be no problem in securing money in general. And there is no way that PUP will be closed so it has to be made great and invest on it. PUP is a major Philippine institution, hence we must find its strength and market it and look for funds since the Vice Chair had promised the students that there will be no increase in tuition so the University must find money elsewhere.

Moreover, Regent Fortuna added that the PUP has its mandate and that it is a polytechnic university, the first polytechnic university in the country.

Regent Songco further added that the DBM is receptive to any request as long as the same is justified and as long as it can be shown what the university can do. The DBM would not just give it to anybody. As to the different institution development plans on the capacity building programs of the University's faculty, the University can partner with the different agencies, for example, in the region, we had partnered with other SUC's like when there is a need for assistance in in-fact evaluations of different government projects. It is the scientific

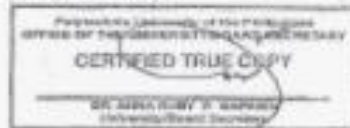
way of doing evaluation of the projects to determine whether or not it should proceed, stop some of them or come up with new ones. We are training the SUC's to help us in undertaking the in-fact evaluation like in Bicol and Region 8, different SUC's had been tapped and the University can also do this so that it will not solely rely on the GAA and other modalities.

Chairperson realized that the Vice Chair cannot do this on his first year in managing PUP. Vice Chair replied that he has already taken initial steps towards setting up the fundamentals for a rational state university and the university is now in the second stage of the process.

Regent Dela Torre suggested a simple framework which he calls the 3 A's. The first A is what are you simply affirming? And in the affirmation you might already been negotiating for additional resources. The second A is the crucial one, what are we adding? This is new and what are we adding. And the third is the more painful one, what are we altering. In altering, we are dropping something or fixing it.

After a long deliberation, Vice Chair De.Guzman moved for the approval of the PUP Institutional Development Plan 2012-2016 subject to all comments, suggestions and revisions.

Upon motion duly seconded, the Board gave an initial approval of the PUP Institutional Development Plan 2012-2016 subject to revisions to find the core/niches which PUP can explore that will make it more relevant and responsive to the changing time.



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Regent Fortuna said that there are many courses which are not being offered in the country. They needed to send scholars abroad to take up those courses. In modular programs, there are subjects or programs which the University do not offer but are already available in other schools. The University has good people in it and the university has to go on in a modular approach. The University must look which subjects are not being offered but are offered in DLSU or in U.P. and have a tie up with them. Regent Fortuna said that it is at this time that she learned of the Railway Engineering of the University and told herself, "Magaling din pala ang PUP."

Chairperson said that this new program that was created with several SUC's plus the observatory and the PAGASA is similar to the modular approach. The universities get the strengths of different institutions and put it together to create a new degree program.

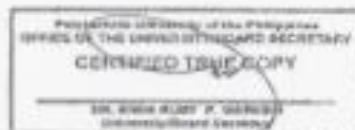
Regent Songco said that what everybody is trying to point out is for PUP to develop its core competencies, its niches whether existing or for the future. The University has looked at the landscape but the University has not done an honest to goodness evaluation of where it should be because some of the courses that may be offered may also be available in other schools.

Chairperson Licuanan stated that that would be the next phase. Regent Songco agreed and stated that it is a developmental plan. Some may be stopped, scaled down. The University has resources and then back on new areas. It is a matter of name recall, saying "PUP yan" and it is PUP who has that program but this could be implemented next year.

Vice Chair De Guzman replied that the PUP has its mandate to offer programs such as Accountancy and Engineering.

Chairperson said that the Vice Chair has rationalized what he had inherited from the previous administration, so basically this is the first step of the President. The Chairperson admits and it is true that the University cannot simply close a program but it can be done gradually in that direction by amalgamating what has been done already and pursuing the same further.

Regent Fortuna told Vice Chair De Guzman that the PUP can tap expert from the National Government. The University can tap experts from PAG-ASA, DOE, DOST. These experts can be hired as part-time teachers also and for sure no matter how small it is these experts will extend their assistance to the University. The University needs critical HR people who can bring and run the show.

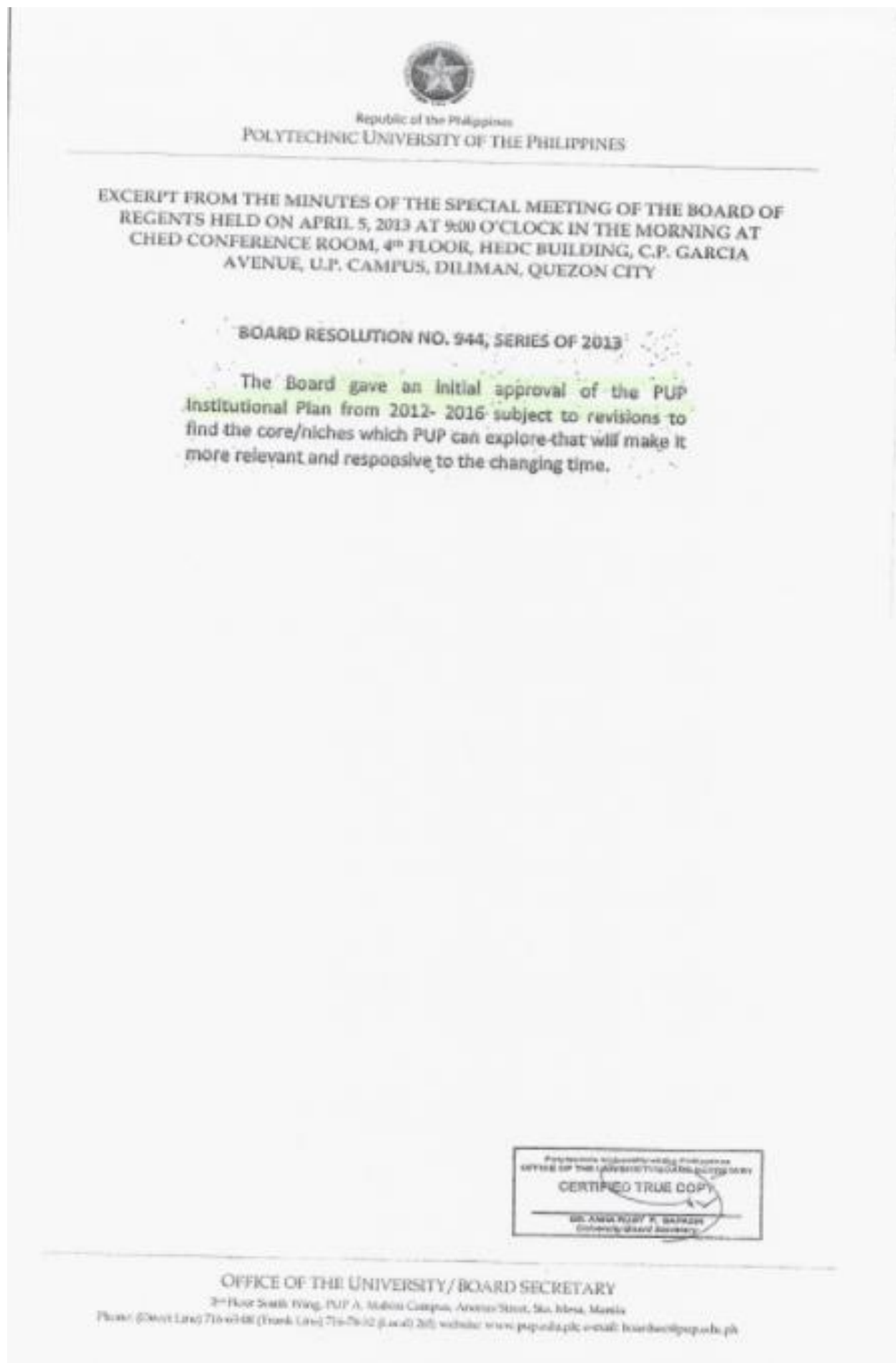


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**Strategic Planning  
Workshop  
(2012-2016)**

**PHASE 1**

**STAKEHOLDERS'  
CONSULTATION**

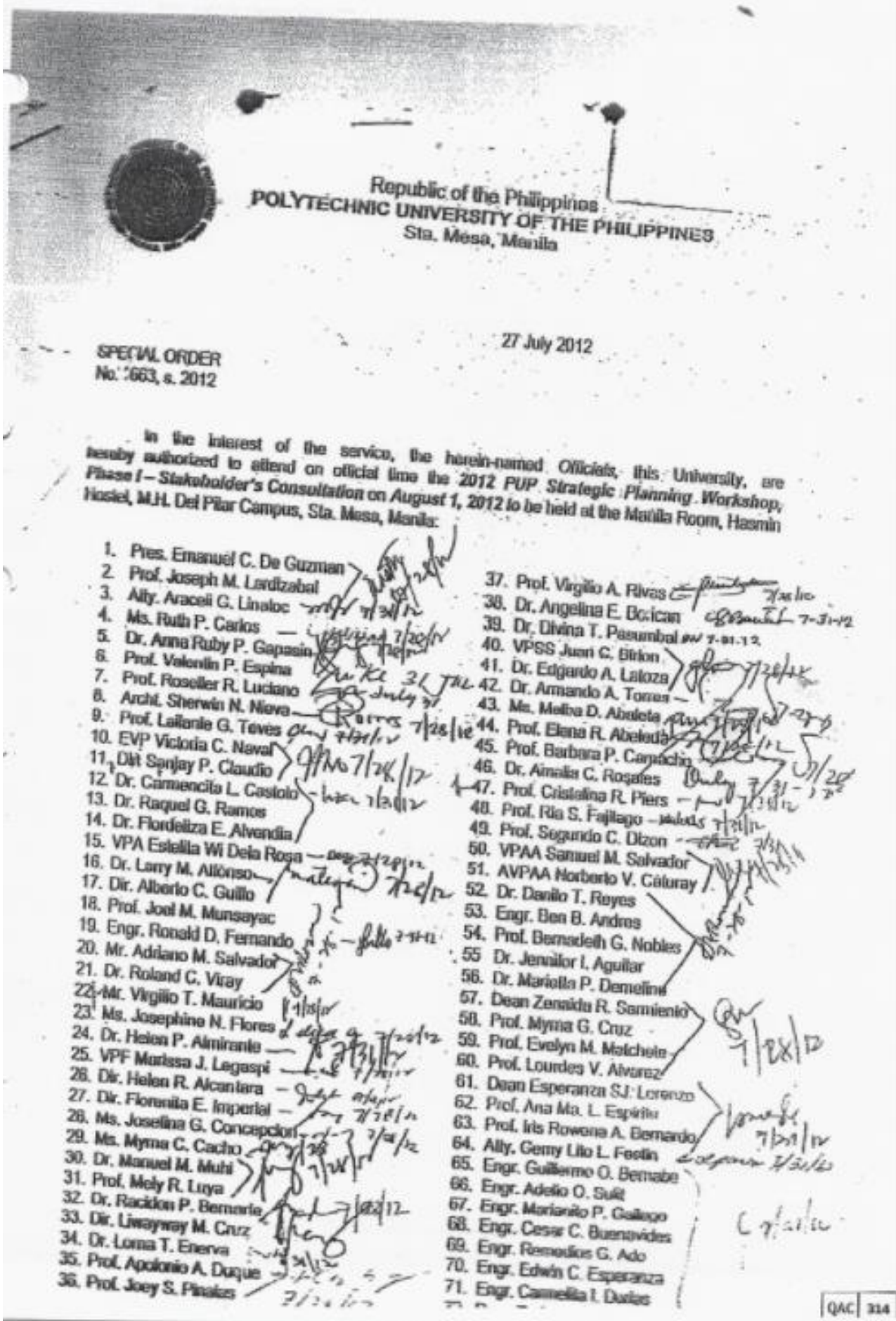
8:00 am, August 1, 2012  
Manila Room, Hasmin Hostel  
M. H. Del Pilar Campus  
Sta. Mesa, Manila

**PROGRAMME**

|          |   |                           |
|----------|---|---------------------------|
| 8:00 am  | Opening Program<br>Devotion<br>National Anthem  | Bagong Hinig Serrano      |
| 8:30 am  | President's Message   | Dr. Emanuel C. De Guzman  |
| 9:00 am  | Strategic Planning Workshop Process<br>Overview   | Dr. Antonio C. Roldan Jr. |
| 10:00 am | BREAK   |                           |
| 10:15 am | <b>WORKSHOP: Dry-Run of Strategic Planning Process (7 Simultaneous Teams)</b>   |                           |
| 11:30 am | Preparation for Presentation  |                           |
| 12:00 pm | LUNCH BREAK   |                           |
| 01:00 pm | Workshop Output Presentation By Team<br>(First Draft of PUP's Proposed Strategic Vision, Mission, Goals and Values) ✓ |                           |
|          | <b>Team</b>   | <b>Chair</b>              |
| 1.       | Systems Analysis  | Dr. Marietta P. Demelino  |
| 2.       | Historical Review of V-M-G-S  | Dr. Analia C. Rosales     |
| 3.       | Stakeholders' Needs Analysis  | Dr. Fe B. Baronis         |
| 4.       | Environmental Scan & SWOT Analysis  | Dr. Danilo T. Reyes       |
| 5.       | Future V-M-G-S  | Dr. Milagrina A. Gomet    |
| 6.       | Shared Values   | Dr. Herminia F. Manimtim  |
| 7.       | Organizational Structure  | Dr. Emanuel C. De Guzman  |
| 03:00 pm | END OF SESSION  |                           |



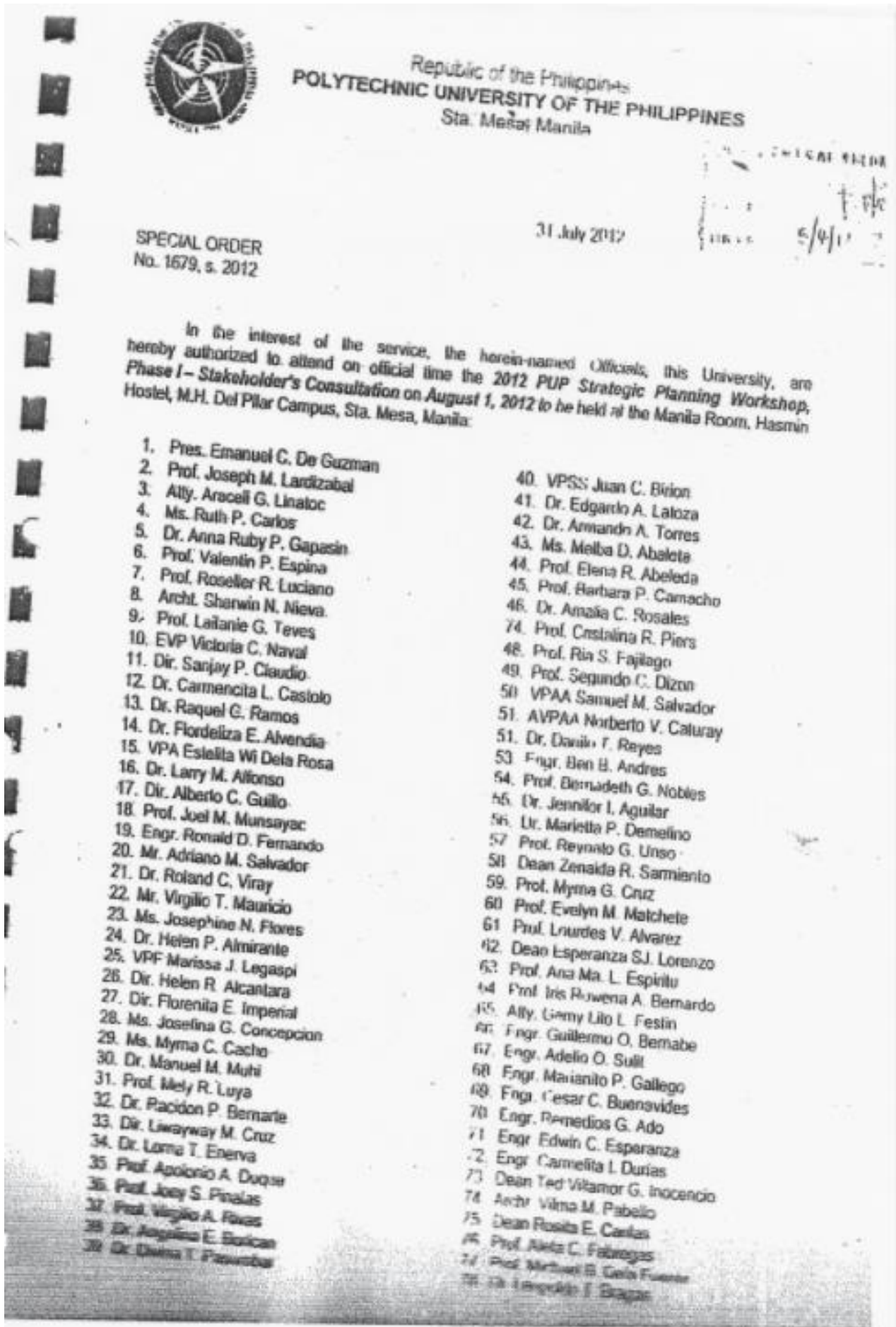
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S.O. No. 1679, s. 2012

-2-

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| 79. Prof. Francisco S. Cular        | 109. Dean Herminia E. Manimbin    |
| 80. Prof. Elizabeth T. Santos       | 110. Prof. Rebecca E. Palma       |
| 81. Prof. Merla G. Villanueva       | 111. Dr. Adela Cristeta J. Ruiz   |
| 82. Prof. Dolores J. Alcantara      | 112. Dean Dante V. Gedarla        |
| 83. Dean Ma. Teresa C. Villar       | 113. Prof. Josephine M. Dela Isla |
| 84. Prof. Ma. Cristina Q. Trinidad  | 114. Prof. Arturo P. Evangelista  |
| 85. Prof. Luzviminda O. Tugade      | 115. Dr. Joseph Mercado           |
| 86. Prof. Sylvia A. Sarmiento       | 116. Prof. Jaime P. Gulierrez     |
| 87. Prof. Ligaya M. Espino          | 117. Prof. Leonila J. Generales   |
| 88. Atty. Pearlito B. Campanilla    | 118. Prof. Denise A. Abril        |
| 89. Dean Realin C. Aranza           | 119. Prof. Alicia V. Delos Santos |
| 90. Prof. Henry V. Pascua           | 120. Dr. Fe R. Baronia            |
| 91. Prof. Norie L. Maniego          | 121. Dr. Severino A. Espiritu     |
| 92. Prof. Bernadette M. Panibio     | 122. Dr. Adelia R. Roadilla       |
| 93. Dean Milagrins A. Gomez         | 123. Prof. Edwin G. Malabuyoc     |
| 94. Dr. Junithesmer D. Rosales      | 124. Dr. Marissa B. Ferrer        |
| 95. Dr. Rovelina B. Jacobia         | 125. Prof. Charito A. Montemayor  |
| 96. Principal Corszon C. Tahil      | 126. Prof. Lualhati A. Dela Cruz  |
| 97. Dean Nenita F. Buan             | 127. Prof. Edelyn M. Mariano      |
| 98. Prof. Raul Roland R. Sebastian  | 128. Prof. Arlene R. Queri        |
| 99. Prof. Nicolas T. Mallari        | 129. Prof. Fernando F. Estingor   |
| 100. Dr. Josefina U. Perentela      | 130. Prof. Angelita E. Nocon      |
| 101. Dean Evangelina S. Seril       | 131. Prof. Resa T. Suarez         |
| 102. Prof. Cherry C. Pebre          | 132. Prof. Aaron Vito M. Baygan   |
| 103. Prof. Mary Joy A. Castillo     | 133. Prof. Sharon Joy F. Pelayo   |
| 104. Dean Edna T. Bernabe           | 134. Prof. Pascualito B. Gatan    |
| 105. Prof. Remus M. Laglagaron      | 135. Dr. Edna S. Lavedia          |
| 106. Prof. Jose Mel M. Bemarte      | 136. Mr. Samuel M. Santiago       |
| 107. Prof. Angelita O. Vibar        | 137. Ms. Helen J. Alfonso         |
| 108. Prof. Ma. Victoria T. Caringal |                                   |

They are advised to submit their certificates of attendance and a report on the proceedings of the aforesaid activity.

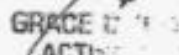
This amends S.O. No. 1663, s. 2012, dated 27 July 2012, insofar as the name of participants is concerned.

  
EMANUEL C. DE GUZMAN  
President

Copy furnished:

- Office of the President
- Executive Vice-President
- Vice-President for Academic Affairs
- Vice-President for Administration
- Vice-President for Student Services
- Vice-President for Research, Extension and Development
- Vice-President for Finance
- Asst. Vice-President for Administration
- Executive Director for Campuses
- COA Auditor
- Director, Accounting Department
- Director, Fund Management Office
- Director, Budget Services
- Director, Human Resource Management Department
- Acting Chief, Records Office
- Officials concerned
- 201 Sets

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**Strategic Planning  
Workshop  
(2012-2016)**

**PHASE 2**

**Critiquing and Review of  
First Draft of Strategic Planning  
Workshop - Phase 1 Outputs**

8:00 am, September 4, 2012  
Accenture Room, 4<sup>th</sup> Floor, East Wing  
Mabini Bldg., Sta. Mesa, Manila

**PROGRAMME**

8:00 am Opening Program  
Opening Prayer  
National Anthem

8:15 am President's Message Dr. Emanuel C. De Guzman

9:00 am Statement of Purpose and Mechanics Dr. Antonio C. Roldan Jr.  
of Workshop

9:30 am **Critiquing and Review of First Draft of Strategic Planning Workshop -  
Phase 1 Outputs**

**Team**

1. Systems Analysis
2. Historical Review of V-M-G-S
3. Stakeholders' Needs Analysis
4. Environmental Sczn & SWOT Analysis
5. Future V-M-G-S
6. Shared Values
7. Organizational Structure

**Chair**

Dr. Edna T. Bernabe  
Dr. Amalia C. Rosales  
Dr. Fe B. Baronía  
Dr. Danilo T. Reyes  
Dr. Milagrina A. Gomez  
Dr. Herminia E. Manimtim  
Dr. Emanuel C. De Guzman



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Sta. Mesa, Manila

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| PUP CENTRAL RECORD |
| RECEIVED BY        |
| DATE 9-8-12        |

3:0

01 September 2012

SPECIAL ORDER  
No. 1834, s. 2012

In the interest of the service, the herein-named officials, faculty members and administrative employees and student, this University, are hereby authorized to attend on official time the 2012 Strategic Planning Workshop – Phase B “Strategic Visioning and Programming” on September 10-12, 2012 to be held at the Acacia Hotel, Parafiaque, Metro Manila:

EXECUTIVE COMMITTEE

- |                               |                           |
|-------------------------------|---------------------------|
| 1. Pres. EMANUEL C. DE GUZMAN | 5. VPSS JUAN C. BIRION    |
| 2. EVP VICTORIA C. NAVAL      | 6. VPF MARISSA J. LEGASPI |
| 3. VPAA SAMUEL M. SALVADOR    | 7. VPREP MANUEL M. MUHI   |
| 4. VPA ESTELITA W. DELA ROSA  | 8. VPBC JOSEPH MERCADO    |

THE PARTICIPANTS

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 1. Dean EDNA T. BERNABE              | 21. Regent HELEN J. ALFONSO         |
| 2. Dean ROSITA E. CANLAS             | 22. Dean GUILLERMO O. BERNABE       |
| 3. AEPV SANJAY P. CLAUDIO            | 23. Dir. JOEY S. PINALAS            |
| 4. Dir. SEGUNDO C. DIZON             | 24. Dir. ARLENE R. QUERI            |
| 5. Dir. ANNA RUBY P. GAPASIN         | 25. Mr. SAMUEL S. SANTIAGO          |
| 6. Dir. ADAM V. RAMILO               | 26. Dir. ARMANDO A. TORRES          |
| 7. Dir. AMALIA C. ROSALES            | 27. Prof. WILFREDO SAN JUAN (UGPUP) |
| 8. Dean DANTE V. GEDARIA             | 28. Dean NENITA F. BUAN             |
| 9. Dean LEOPOLDO FRANCISCO T. BRAGAS | 29. Dir. ELENA R. ABELEDA           |
| 10. Dr. HELEN P. ALMIRANTE           | 30. Dir. RACIDON P. BERNARTE        |
| 11. Dir. RONALD D. FERNANDO          | 31. Dir. FLORENITA E. IMPERIAL      |
| 12. Dean REMUS M. LAGLAGARON         | 32. ES JOSEPH M. LARDIZABAL         |
| 13. Dir. EDELYN M. MARIANO           | 33. Chief ROSELLER R. LUCIANO       |
| 14. Dean EVANGELINA S. SERIL         | 34. Dir. CHARITO A. MONTEMAYOR      |
| 15. Prof. SHEILA S. GANCHERO         | 35. Dir. SHERWIN N. NIEVA           |
| 16. Dir. FE. B. BARONIA              | 36. Dean SYLVIA A. SARMIENTO        |
| 17. Dean TED VILLAMOR G. INOCENCIO   | 37. Dean MILAGRINA A. GOMEZ         |
| 18. Dir. CARMENCITA L. CASTOLO       | 38. Dir. ALBERTO C. GUILLO          |
| 19. Regent EDNA S. LAVADIA           | 39. Dean REALIN C. ARANZA           |
| 20. Dir. HELEN R. ALCANTARA          |                                     |





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S.O. No. 1834, s. 2012

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41. Dir. ANGELINA E. BORICAN
42. AVPAA NORBERTO V. CATURAY
43. Dir. RIA S. FAJILAGO
44. Dean GEMY LITO L. FESTIN
45. AVPREPD MELLY R. LUYA
46. Dir. SHARON JOY F. PELAYO
47. Dir. VIRGILIO A. RIVAS
48. Dean HERMINIA E. MANIMTIM
49. Dir. PASCUALITO B. GATAN
50. Dean ZENAIDA R. SARMIENTO

51. Atty. ARACELI G. LINATOC
52. Dir. JOSEFINA G. CONCEPCION
53. Dir. SEVERINO A. ESPIRITU
54. Dr. NICOLAS T. MALLARI
55. Dir. MA. TERESA C. VILLAR
56. Prof. IRIS ROWENA A. BERNARDO
57. Prof. MARLON M. LIM
58. Prof. JOEL M. MUNSAYAC
59. Dr. RAQUEL G. RAMOS
60. Prof. ELMER G. DE JOSE

SECRETARIAT

1. RAFAEL MICHAEL O. PAZ
2. ROLANDO P. QUIÑONEZ
3. JOY ANNE C. LAGRAMA
4. DESSERTIE T. MAYNES
5. EDELYN H. DAGÑALAN
6. CARLOS A. GARCIA
7. MICHELIN P. YAMAT

IT SUPPORT

1. Mr. SEVERINO L. MARTINEZ

They are advised to submit their certificates of participation and a report on the proceedings of the aforesaid activity.

EMANUEL C. DE SUZMAN  
President

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Executive Vice-President  
Vice-President for Academic Affairs  
Vice-President for Administration  
Vice-President for Research, Extension and Development  
Vice-President for Finance  
Vice-President for Branches and Campuses  
COA Auditor  
Director, Accounting Department  
Director, Fund Management Office  
Director, Budget Services  
Director, Human Resource Management Department  
Director, Research Management Office  
Acting Chief, Central Records Office  
Participants concerned  
201 files

ACG:mev

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GRACE C. UDAUNDO  
ACTING CHIEF

CENTRAL RECORDS OFFICE



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



**PUP**  
**Strategic Planning**  
**Workshop**

PHASE 3

**STRATEGIC**  
**PROGRAMMING**

Expected Output:

**University Strategic Plan**  
**(2012-2016)**

September 10-12, 2012  
ACACIA HOTEL MANILA  
5400 East Asia Drive corner Commerce Avenue, Filinvest  
Corporate City, Alabang, Muntinlupa City 1781





**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
COMPUTER ENGINEERING DEPARTMENT**

|          |   |   |  |
|----------|---|---|--|
| 7:00 am  | Arrival   |   |  |
| 8:00 am  | Registration  |   |  |
| 8:00 am  | A.M Snacks  |   |  |
| 8:30 am  | Opening Ceremonies  |   |  |
|          | <ul style="list-style-type: none"> <li>• Devotion</li> <li>• National Anthem</li> <li>• PUP Hymn</li> <li>• Welcome Remarks</li> </ul>  | <b>Pres. Emanuel C. De Guzman</b>                     |  |
|          | <ul style="list-style-type: none"> <li>• Administrative Announcement of House Rules and Groupings</li> </ul>  | <b>VPF Marissa J. Legaspi</b>                         |  |
| 10:15 am | Recapitulation<br>(Phase 1 - Stakeholder's Consultation, Phase 2 - Strategic Visioning)   | <b>EVP Victoria C. Naval</b>                          |  |
| 10:30 am | Overview of Strategic Programming and Competencies for Building Professional Learning Communities   | <b>Dr. Antonio C. Roldan Jr.</b><br>Facilitator       |  |
| 10:45    | Workshop Instructions and Clarifications of Planning Terms  | <b>VPREPD Manuel M. Muhi</b>                          |  |
| 11:15 am | Talk on <ul style="list-style-type: none"> <li>• Executive Order No. 80</li> <li>• Administrative Order No. 29</li> </ul>   | <b>Dir. Alberto C. Gullio</b>                         |  |
| 12:00 nn | Lunch, Hotel Check-In & Physical Preparation for Writeshop by Sector  |   |  |
| 2:00 pm  | Simultaneous Writeshop by Sector <ul style="list-style-type: none"> <li>• Academic Sector</li> <li>• Research/Extension Sector</li> <li>• Administrative Services Sector</li> <li>• Student Services Sector</li> <li>• Finance Sector</li> <li>• Branches/Computer Sector</li> <li>• Local &amp; International Linkages/Transnational/IOUs/ETEEAP/INT)</li> </ul> |   |  |
| 4:00 pm  | Coffee Break  |   |  |
| 4:15 pm  | Writeshop Continuation  |   |  |
| 6:30 pm  | Dinner  |   |  |
| 7:30 pm  | Writeshop Output Consolidation and Bonding by Sector  |   |  |
| 10:00 pm | End of Day 1  |   |  |
|          |   | <b>Dir. Janjay P. Claudio</b><br>Master of Ceremonies |  |

|          |   |  |  |
|----------|---|--|--|
| 7:00 am  | Breakfast at the Ballroom   |  |  |
| 8:00 am  | Recap/Energizer   |  |  |
| 8:30 am  | Overview of Writeshop Presentation and Discussion Rules by Chief Facilitator  |  |  |
| 9:00 am  | Output Presentation <ul style="list-style-type: none"> <li>• Academic Sector</li> <li>• Research/Extension Sector</li> <li>• Local and International Linkages/Transnational/IOUs/ETEEAP/INT)</li> </ul>                 |  |  |
| 10:00 am | Break   |  |  |
| 11:30 am | Lunch   |  |  |
| 12:00 nn | Siesta  |  |  |
| 1:30 pm  | Continuation of Output Presentation <ul style="list-style-type: none"> <li>• Administrative Services Sector</li> <li>• Student Services Sector</li> <li>• Finance Sector</li> <li>• Branches/Computer Sector</li> </ul> |  |  |
| 4:00 pm  | Break   |  |  |
| 6:30 pm  | Dinner  |  |  |
| 7:00 pm  | Socials/Fellowship  |  |  |
| 10:00 pm | End of Day 2  |  |  |

|          |   |  |  |
|----------|---|--|--|
| 8:00 am  | Recap/Energizer                           |  |  |
| 8:30 am  | Potential Problem Analysis                |  |  |
| 9:00 am  | Action Planning to Address Above Concerns |  |  |
| 9:30 am  | Break                                     |  |  |
| 10:00 am | Commitment Building Exercises             |  |  |
| 10:30 am | Integration and Closing                   |  |  |
| 11:00 am | Graduation and Picture Opportunities      |  |  |
| 11:30 am | Lunch                                     |  |  |
| 12:00 nn | Hotel Check-Out                           |  |  |

OAC | 321


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POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**

 POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
Sta. Mesa, Manila

RECEIVED  
DATE 9-8-12  
3:00 P.M.

01 September 2012 FILE

SPECIAL ORDER  
No. 1834, s. 2012

In the interest of the service, the herein-named officials, faculty members and administrative employees and student, this University, are hereby authorized to attend on official time the 2012 Strategic Planning Workshop – Phase B “Strategic Visioning and Programming” on September 10-12, 2012 to be held at the Acacia Hotel, Parañaque, Metro Manila:

EXECUTIVE COMMITTEE

|                               |                           |
|-------------------------------|---------------------------|
| 1. Pres. EMANUEL C. DE GUZMAN | 5. VPSS JUAN C. BIRION    |
| 2. EVP VICTORIA C. NAVAL      | 6. VPF MARISSA J. LEGASPI |
| 3. VPAA SAMUEL M. SALVADOR    | 7. VPREP MANUEL M. MUHI   |
| 4. VPA ESTELITA W. DELA ROSA  | 8. VPBC JOSEPH MERCADO    |

THE PARTICIPANTS

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| 1. Dean EDNA T. BERNABE              | 21. Regent HELEN J. ALFONSO         |
| 2. Dean ROSITA E. CANLAS             | 22. Dean GUILLERMO O. BERNABE       |
| 3. AEVP SANJAY P. CLAUDIO            | 23. Dir. JOEY S. PINALAS            |
| 4. Dir. SEGUNDO C. DIZON             | 24. Dir. ARIENE R. QUERI            |
| 5. Dir. ANNA RUBY P. GAPASIN         | 25. Mr. SAMUEL S. SANTIAGO          |
| 6. Dir. ADAM V. RAMILO               | 26. Dir. ARMANDO A. TORRES          |
| 7. Dir. AMALIA C. ROSALES            | 27. Prof. WILFREDO SAN JUAN (UGPUP) |
| 8. Dean DANTE V. GEDARIA             | 28. Dean NENITA F. BUAN             |
| 9. Dean LEOPOLDO FRANCISCO T. BRAGAS | 29. Dir. ELENA R. AGELEDA           |
| 10. Dr. HELEN P. ALMIRANTE           | 30. Dir. RACION P. BERNARTE         |
| 11. Dir. RONALD D. FERNANDO          | 31. Dir. FLORENITA E. IMPERIAL      |
| 12. Dean REMUS M. LAGLAGARON         | 32. ES JOSEPH M. LARDIZABAL         |
| 13. Dir. EDELYN M. MARIANO           | 33. Chief ROSELLER R. LUCIANO       |
| 14. Dean EVANGELINA S. SERIL         | 34. Dir. CHARITO A. MONTEMAYOR      |
| 15. Prof. SHEILA S. GANCHERO         | 35. Dr. SHERWIN N. NIEVA            |
| 16. Dir. FE. B. BARONIA              | 36. Dean SYLVIA A. SARMIENTO        |
| 17. Dean TED VILLAMOR G. INOCENCIO   | 37. Dean MILAGRINA A. GOMEZ         |
| 18. Dir. CARMENCITA L. CASTOLO       | 38. Dir. ALBERTO C. GUILLO          |
| 19. Regent EDNA S. LAVADIA           | 39. Dean REALIN C. APANZA           |
| 20. Dir. HELEN R. ALCANTARA          | 40. Dr. DIVINA T. PASUMBAL          |





POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
 COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**

S.O. No. 1634, s. 2012

-2-

41. Dir. ANGELINA E. BORICAN
42. AVPAA NORBERTO V. CATURAY
43. Dir. RIA S. FAJILAGO
44. Dean GEMY LITO L. FESTIN
45. AVPREPD MELLY R. LUYA
46. Dir. SHARON JOY F. PELAYO
47. Dir. VIRGILIO A. RIVAS
48. Dean HERMINIA E. MANIMTIM
49. Dir. PASCUALITO B. GATAN
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57. Prof. MARLON M. LIM
58. Prof. JOEL M. MUNSAYAC
59. Dr. RAQUEL G. RAMOS
60. Prof. ELMER G. DE JOSE

SECRETARIAT

- |                          |                       |
|--------------------------|-----------------------|
| 1. RAFAEL MICHAEL O. PAZ | 5. EDELYN H. DAGÑALAN |
| 2. ROLANDO P. QUIÑONEZ   | 6. CARLOS A. GARCIA   |
| 3. JOY ANNE C. LAGRAMA   | 7. MICHELIN P. YAMAT  |
| 4. DESSERIE T. MAYNES    |                       |

IT SUPPORT

1. Mr. SEVERINO L. MARTINEZ

They are advised to submit their certificates of participation and a report on the proceedings of the aforementioned activity.

EMANUEL C. DE SUZMAN  
 President

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- Vice-President for Administration
- Vice-President for Research, Extension and Development
- Vice-President for Finance
- Vice-President for Branches and Campuses
- COA Auditor
- Director, Accounting Department
- Director, Fund Management Office
- Director, Budget Services
- Director, Human Resources Management Department
- Director, Research Management Office
- Acting Chief, Central Records Office
- Participants concerned
- 201 files

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ACTING DEAN

SECRETARY



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
 COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**

| TEAM         | 1                          | 2                            | 3                            | 4                                  | 5                        | 6                      |
|--------------|----------------------------|------------------------------|------------------------------|------------------------------------|--------------------------|------------------------|
|              | SYSTEMS ANALYSIS           | HISTORICAL REVIEW OF V-M-G-S | STAKEHOLDERS' NEEDS ANALYSIS | ENVIRONMENTAL SCAN & SWOT ANALYSIS | FUTURE V-M-G-S           | SHARED VALUE           |
| Chair:       | Dr. Marietta P. Demelino   | Dr. Amalia C. Rosales        | Dr. Fe B. Baronía            | Dean Danilo T. Reyes               | Dean Milagrina A. Gomez  | Dean Herminda S. ...   |
| Co-Chair:    | Dean Edna T. Bernabe       | Dean Dante V. Gedarta        | Dean Ted V. G. Innocencio    | Dean Nenita F. Buan                | Dir. Alberto C. Gullo    | Dir. Pascualito B. ... |
| Secretary:   | Dr. Junthesmer D. Rosales  | Dr. Rovelina B. Jacolbia     | Dr. Carmencita L. Castolo    | Ms. Melbe D. Abeleta               | Dean Realin C. Arahza    | Dean Zenaida A. ...    |
| Facilitator: | Dr. Adela Cristeta J. Ruiz | Dean Leopoldo T. Bragas      | Dr. Edna S. Lavadia          | Dr. Racidon P. Bernarte            | Dr. Divina T. Pasumbel   | Atty. Araceli Q. ...   |
| Members:     | Andrés, Ben B.             | Abril, Denise A.             | Alcántara, Helen R.          | Cacho, Myrha C.                    | Abeleda, Elena R.        | Alvenda, Flordeliza    |
|              | Buenavides, Cesar C.       | Alcántara, Dolores J.        | Alfonso, Helen J.            | Ado, Remedios G.                   | Bernardo, Iris Rowena A. | Aguilar, Jennifer      |
|              | Camacho, Barbara P.        | Alfonso, Larry M.            | Alvarez, Lourdes V.          | Cañingal, Ma. Victoria T.          | Borican, Angelina E.     | Baygen, Aaron          |
|              | Canlas, Rosita E.          | Almirante, Helen P.          | Bernabe, Guillermo O.        | Ferrer, Marissa B.                 | Caturay, Norberto V.     | Campanilla, Perito     |
|              | Claudio, Sanjay P.         | Cruz, Lhwayway M.            | Bernarte, Jose Mel M.        | Gallego, Marlanito P.              | Dela Isla, Josefina M.   | Carlos, Ruth P.        |
|              | Cular, Francisco C.        | Cruz, Myrna G.               | Dela Fuente, Michael B.      | Generales, Leonila J.              | Durias, Carmelita I.     | Castillo, Mary Joy A.  |
|              | Dela Cruz, Lualhati A.     | Duque, Apolenio A.           | Espina, Valentin P.          | Imperial, Florenita E.             | Estingor, Fernando F.    | Concepcion, Joseph     |
|              | Delos Santos, Alicia V.    | Esperanza, Ewin C.           | Machete, Evelyn M.           | Lardizabal, Joseph M.              | Evangelista, Arturo P.   | Espiritu, Ma. Apo I.   |
|              | Dizon, Segundo C.          | Espino, Ligaya M.            | Mauricio, Virgilio T.        | Lorenzo, Esperanza SJ.             | Fajlago, Ria S.          | Espiritu, Severino A.  |
|              | Enerva, Lorna T.           | Fernando, Ronald D.          | Pabello, Vilma M.            | Luciano, Roseller R.               | Festín, Gemy Lito L.     | Fabregas, Aleta C.     |
|              | Gapasin, Anna Ruby P.      | Lagaron, Remus M.            | Piers, Crisallina R.         | Malabuyoc, Edwin G.                | Lolong, Norie M.         | Flores, Josephine N.   |
|              | Gutierrez, Jaime P. Jr.    | Mariano, Edelyn M.           | Pinales, Joey S.             | Montemayor, Charito A.             | Luya, Mely R.            | Latoza, Edgardo A.     |
|              | Munsayac, Joel M.          | Ramos, Raquel G.             | Querí, Arlene R.             | Nieva, Sherwin N.                  | Panlilio, Bernadette M.  | Mallari, Nicolas T.    |
|              | Nocon, Angelita E.         | Roadilla, Adella R.          | Santiago, Samuel S.          | Pebra, Cherry C.                   | Pascua, Henry V.         | Nobles, Bernadeth G.   |
|              | Parentela, Josefina U.     | Seril, Evangelina S.         | Sebastian, Raul Roland R.    | Santos, Elizabeth T.               | Pelayo, Sharon Joy F.    | Palma, Rebecca C.      |
|              | Villanueva, Moria G.       | Tugade, Luzviminda O.        | Tahil, Corazon C.            | Sarmiento, Sylvia A.               | Rivas, Virgilio A.       | Tevet, Lailanie G.     |
|              |                            | Viray, Roland C.             | Torres, Armando A.           | Sulit, Adello O.                   | Salvador, Adriano A.     | Vibar, Argelita O.     |
|              |                            |                              |                              | Trinidad, Ma. Cristina O.          | Suarez, Resa T.          | Vilad, Ma. Teresa C.   |

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**COMPUTER ENGINEERING DEPARTMENT**

## FUNCTIONAL GROUPS

- To align the group's mission, goals and objectives, KRAs, targets and performance indicators to the strategic vision.

| Group 1 | Academic Sector   |
|---------|---|
|         | <ol style="list-style-type: none"><li>1. VPAA Samuel M. Salvador</li><li>2. AVPAA Norberto V. Caturay</li><li>3. Dean Realin C. Aranza</li><li>4. Dean Guillermo O. Bernabe</li><li>5. Dean Edna T. Bernabe</li><li>6. Dean Leopoldo T. Bragas</li><li>7. Dean Rosita E. Canlas</li><li>8. Dean Nenita F. Buan</li><li>9. Atty. Gemy Lito L. Festin</li><li>10. Prof. Shiela S. Ganchero</li><li>11. Dean Dante V. Gedaria</li><li>12. Dean Milagrina A. Gomez</li><li>13. Dean Ted Villamor G. Inocencio</li><li>14. Dean Remus M. Laglagaron</li><li>15. Dean Danilo T. Reyes</li><li>16. Dean Ma. Esperanza S.J. Lorenzo</li><li>17. Prof. Nicolas T. Mallari</li><li>18. Dean Herminia E. Manimtim</li><li>19. Dir. Amalia C. Rosales</li><li>20. Dr. Adela Cristeta J. Ruiz</li><li>21. Dean Sylvia A. Sarmiento</li><li>22. Dean Zenaida R. Sarmiento</li><li>23. Dean Evangeline S. Seril</li><li>24. UGPUP Representative</li></ol> |
| Group 2 | Research Sector   |
|         | <ol style="list-style-type: none"><li>25. VPREPD Manuel M. Muhi</li><li>26. AVPREPD Mely R. Luya</li><li>27. Dir. Racidon P. Bernarte</li><li>28. Dir. Angelina A. Borican</li><li>29. Dir. Divina T. Pasumbal</li><li>30. Dir. Joey S. Pinalas</li><li>31. Dir. Virgilio A. Rivas</li></ol>  |
| Group 3 | Student Services Sector   |
|         | <ol style="list-style-type: none"><li>32. VPSS Juan C. Birion</li><li>33. Dir. Segundo C. Dizon</li><li>34. Regent Helen J. Alfonso</li><li>35. Registrar Melba D. Abaleta</li><li>36. Dir. Armando A. Torres</li><li>37. Dir. Ria S. Fajilago</li></ol>  |



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
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**COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
Office of the Vice President for Student Affairs and Services  
OFFICE OF THE STUDENT SERVICES

**CONSULTATIVE MEETING WITH THE STUDENT LEADERS  
REGARDING REVISION OF THE UNIVERSITY CODE**

July 10, 2017, 2:00 p.m. – 3:30 p.m.  
Bonifacio Hall, Ninoy Aquino Library and Learning Resources Center

- I. Attendance (please see attached)
- II. Minutes of the Consultative Meeting

Director Jose Abat of the Office of the Student Services welcomed the student leaders for attending the consultative meeting. He then called EVP Herminia Manimtim to preside over the meeting.

EVP Manimtim explained the reason for the consultative meeting and emphasized the importance of updating the University Code as it is like the Constitution of the Philippines. As Chair of the Committee that revised the PUP Student Handbook in 2014, she noted that the Code itself has not undergone any revision at all. Accordingly, the last time it was revised was in 1978. Therefore, the very reason for the current revision is to keep attuned with the changes that have occurred for the last so many years. Though there were initiatives undertaken by her predecessors to revise the Code but it was only on March, 2017 regular meeting of the PUP Board of Regents that a final revised version was presented for approval. The Board deferred its approval until a consultation with the faculty and students sectors is held.

Through a powerpoint presentation, EVP Manimtim went on to present the proposed changes in the University Code section by section. She encouraged the student leaders to freely express their opinions, comments, and suggestions.

As to the PUP Logo under Section 5 under Article 1, Ms. Clarissa Mendoza, President CPSPA Student Council commented that while the color of the star as stated in the Code is golden yellow and the Student Handbook says it is also golden yellow yet Section 5 under the same Article, The PUP Colors and Seal, it says the University colors shall gold and maroon.



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
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Office of the Vice President for Student Affairs and Services  
OFFICE OF THE STUDENT SERVICES

During the discussion of Section 3 – Powers and Duties of the Board of Regents, Student Council President Elijah San Fernando clarified that ANAK – or the Alyansa ng Nagkakaisang Korsaho, not the Central Student Council, is the one which shall call for the election of the Student Regent. While the Student Council Assembly (SCA) is composed of the PUP Main college council presidents and Central Student President, Vice President and 2 councilors, ANAK is composed of the SCA and the presidents of the student councils of PUP branches and campuses. If there is no student representative in the BOR, then it is incumbent upon ANAK-Execcom to call an election for such purpose.

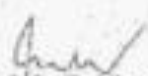
Under the presentation of Article 11 Section 1, the Office of the VP for Finance, a student inquired if there is a definite rule/guideline as to computation of venue or energy fees. EVP replied that there is. In fact, all charges for use of facilities and as well as energy fee are BOR-approved.

The consultative meeting was adjourned at 3:30 p.m.

Prepared by:

  
Asso. Prof. Jose M. Abat  
Director, OSS

Noted:

  
Dr. Hermilisa E. Manimtim  
EVP and concurrent VP for Student Affairs and Services





POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
COLLEGE OF ENGINEERING  
**COMPUTER ENGINEERING DEPARTMENT**



Republic of the Philippines  
**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**  
**OFFICE OF THE EXECUTIVE VICE PRESIDENT**  
**UNIVERSITY CODE REVISION COMMITTEE 2017**

*Minutes of the Meeting*  
*University Code Faculty and Administrative Consultation*

Date: July 10, 2017

Venue: Prudentia Conference Room

Time: 9:00 A.M.

Presiding Officer: EVP Herminia E. Manimtim, Committee Chair

**Attendance:**

- |  |   |
|--|---|
| 1. Marvin R. Arriola, CAL              | 23. Emma K. Pansimat, PUP Calauan       |
| 2. Gemma B. Macariola, CS              | 24. Billy Ray Oldan, PUP Sto Tomas      |
| 3. Ria A. Sagum, CCIS                  | 25. Alfred Pagailawan, PUP San Juan     |
| 4. Lina S. Felicas, COED               | 26. Lito Penafior, PUP San Pedro        |
| 5. Ramir Cruz, CE                      | 27. Gina Lim, PUP ITECH                 |
| 6. Arapia C. Arriaya, COC              | 28. Edna S. Lavadia, PUP FFAI           |
| 7. Chito A. Gonzales, CHK              | 29. Marcela R. Figura, UNAKA            |
| 8. Maria Teresa Yumeng, CBA            | 30. Roberto S. Pailito, UNAKA           |
| 9. Thorese Marie Oliver, CPSPA         | 31. Mario S. Pelagio, UNAKA             |
| 10. Ricardo F. Ramiscal, PUP-SMBC      | 32. Fausto D. Gutierrez, UNAKA          |
| 11. Florencio L. Lagman, PUP-Pullan    | 33. Jocelyn C. Nava, UNAKA              |
| 12. Rommel Y. Roxas, PUP-QC            | 34. Evelyn J. Del Mundo, UNAKA          |
| 13. Casiano M. Segui, PUP-Unisan       | 35. Salvador R. Natoc, UNAKA            |
| 14. Anabelle Del Rosario, PUP-SMBC     | 36. Myma C. Cacho, UNAKA                |
| 15. Larry M. Quinton, PUP-Bansud       | 37. Maura C. Paz, UNAKA                 |
| 16. Glifred A. Acierio, PUP SRC        | 38. Herminia E. Manimtim, OEVP          |
| 17. Ronald E. Alayon, PUP Taguig       | 39. Emeterio Leonila Abayan-Perez, OEVP |
| 18. Danilo R. Galos Santos, PUP Bataan | 40. Joanna Marie A. Liao, Legal Office  |
| 19. Luzviminda Alto, PUP Sablayan      | 41. Edgardo A. Latoza, OVPSAS           |
| 20. Carmelita M. Cauil, PUP Maragondon | 42. John Mark N. Nero, OVPSAS           |
| 21. Ma. Teresa H. Bautista, PUP Cabiao |   |
| 22. Dionysius A. Velasquez, PUP Lopez  |   |

**Highlights of the Meeting**

**A. Preliminaries**

The meeting started with a prayer and the singing of the national anthem. Chair Manimtim explained the rationale of the consultation with the faculty, administrative staff and students. She likewise explained the history of the revision of the University Code. She mentioned that this is part of the participatoriness culture that the administration wants to be embedded in the processes within the University. She further explained that the Board of Regents wanted a wider participation/dissemination of the Proposed Revised version of the Code. Moreover, she stated that the revised Code was drafted

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in such a way that the "services" instead of the offices and the sectors where they belong is the focus. is the focus to make the Code "enduring" and not be made obsolete with structural changes and realignments,

**B. Comments/Suggestions from the Body**

**Book 1**

**1. Article 1 General Provisions**

After Arts and Humanities, include Languages and Linguistics- Marvin R. Arriola, CAL

**2. Article 2 The Governing Board**

-The Admin Sector is left behind in the composition of the governing body, UNAKA is just an observer. -  
Marcela R. Figura, UNAKA

-UNAKA President is invited as an observer but cannot be included in the composition of the governing Board. - Mario S. Pelagio, UNAKA

-The law cannot be changed but the UNAKA members can "lobby" to amend the law. Edna S. Lavadia, PUP FFAI

**3. Article 13, Section 5**

Under Quality Assurance, include assignment of Research Coordinators- Arapia C. Arriaya, COC

**Book 2**

**1. Article 17 Section 1**

Remove Library sides- Marcela R. Figura, UNAKA

**2. Article 17 Section 3**

Add Branch Director- Chair Manimtim

**C. Other Concerns from the Body**

1. The University should add more security guards. -Evelyn J. Del Mundo, UNAKA

2. The University should be strict in the implementation of wearing I.D.'s- Arapia C. Arriaya, COC

3. The University should look into the idea of giving psychological exams annually. Evelyn J. Del Mundo, UNAKA

4. The deans and chairs of colleges and departments should remind the part-time faculty members to help in their respective colleges/departments specially during accreditation- Lina S. Felicas, COED

5. The University should review the Faculty Manual. It should include transparency and equality as common qualities of faculty members. (Branches Sector)

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D. Concluding Statement

The body agreed that the University Code will be presented to the PUP community via the PUP website for larger dissemination and transparency. The deadline of soliciting comments and suggestions will be July 31, 2017.

E. Adjournment

The meeting was adjourned at 1:00P.M.

Prepared by:

Assoc. Prof. EMBETERIA LEONILA ABAYIN-PEREZ, MALT  
University Code: Secretary/Faculty Assistant, OEVP

Attested by:

EVP HERMILIA E. MANIMTIM, DEM  
Chair, University Code Revision Committee 2017

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Republic of the Philippines  
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
**OFFICE OF THE EXECUTIVE VICE PRESIDENT**  
University Textbooks and Other Instructional Materials Evaluation Committee

TO/FOR: VPAA MANUEL M. MUHI, D. Tech.  
VPA ALBERTO C. GUILLO, MS Stat, MS Econ  
VPF MARISSA J. LEGASPI, CPA  
VPBC PASCUALITO B. GATAN  
VPREPD JOSEPH MERCADO, Ph D.  
HEA ANNA RUBY P. GAPASIN, DEM

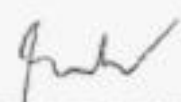
SUBJECT: Information Dissemination on the Revision of the University Code

DATE: July 14, 2017

Please be informed that the draft of the Proposed Revised University Code has been uploaded in the PUP website for the whole community to give their comments and suggestions. Please take note that it will be posted until July 31<sup>st</sup> only. May I request that this information be disseminated to all the offices under your supervision?

Thank you very much for your continued support to our aim of applying transparency and participatoriness at the Sintang Paaralan.

More power and best regards.

  
EVP HERMINIA E. MANINTIM, DEM  
Chair, University Code Committee 2017

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POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
College of Engineering

| PUP MISSION   | COLLEGE GOALS  |
|---|--|
| <ul style="list-style-type: none"> <li>Provision of undergraduate and graduate education which meet international standards of quality and excellence;</li> </ul>   | Produce world-class professionals as potential industry leaders and job providers.             |
|   | Provide quality education through instruction, advance research and extension services.        |
| <ul style="list-style-type: none"> <li>Generation and transmission of knowledge in the broad range of disciplines relevant and responsive to the dynamically changing domestic and international environment;</li> </ul>        | Produce world-class professionals as potential industry leaders and job providers.             |
|   | Provide quality education through instruction, advance research and extension services.        |
| <ul style="list-style-type: none"> <li>Provision of more equitable access to higher education opportunities to deserving and qualified Filipinos; and</li> </ul>  | Develop and produce facilities through the use of adapted technology and indigenous materials. |
|   | Provide quality education through instruction, advance research and extension services.        |
| <ul style="list-style-type: none"> <li>Optimization, through efficiency and effectiveness, of social, institutional, and individual returns and benefits derived from the utilization of higher education resources.</li> </ul> | Maintain, upgrade or improve facilities through the applications of engineering technology     |

Graduates of the program is imbued with various skills and knowledge in the engineering technology, advance research, world-class professionals that will be an integral part of their growth professionally, applicable in the widest array of field or discipline and is reflective of the PUP Mission.

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**COLLEGE OF ENGINEERING**  
**COMPUTER ENGINEERING DEPARTMENT**



POLYTECHNIC UNIVERSITY OF THE PHILIPPINES  
 College of Engineering  
 Department of Computer Engineering

| College Goals   | Computer Engineering Department Program Objectives   |
|---|--|
| 1. Provide quality education through instruction, advance research and extension services.        | <ul style="list-style-type: none"> <li>Strengthen the Bachelor of Science in Computer Engineering program consistent with global trends.</li> <li>Develop the critical thinking and communication skills of students, giving emphasis to research and extension services.</li> <li>Create a conducive teaching and learning atmosphere with emphasis to Bachelor of Science in Computer Engineering faculty and students' growth and academic freedom;</li> <li>Equip graduates with appropriate knowledge and technical skills imbued with desirable work attitudes and moral values, through enhanced teaching/ learning process by using multimedia facilities on top of traditional methods.</li> <li>Develop faculty as competent mentors and quality researchers, through advanced studies and other facets of continuing professionals' education.</li> </ul> |
| 2. Produce world-class professionals as potential industry leaders and job providers.             | <ul style="list-style-type: none"> <li>Strengthen the Bachelor of Science in Computer Engineering program consistent with global trends.</li> <li>Establish network with educational institutions, industries, GO's and NGO's, local and international, which could serve as:               <ol style="list-style-type: none"> <li>Funding sources and/or partner of researches</li> <li>Sources of new technology</li> <li>Centers for faculty and students' exchange programs and on-the-job training, and</li> <li>Grantees of scholarships /additional facilities</li> </ol> </li> </ul>   |
| 3. Develop and produce facilities through the use of adapted technology and indigenous materials. | <ul style="list-style-type: none"> <li>Strengthen the Bachelor of Science in Computer Engineering program consistent with global trends.</li> <li>Continuously conduct action researches on the needs of laboratory and other facilities that could be locally produced or innovated using local materials and adapted technology.</li> <li>Equip graduates with appropriate knowledge and technical skills imbued with desirable work attitudes and moral values, through</li> </ul>  |

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College of Engineering  
Department of Computer Engineering

|  |  |
|--|--|
|  | enhanced teaching/ learning process by using multimedia facilities on top of traditional methods.  |
| 4. Maintain, upgrade or improve facilities through the applications of engineering technology, | <ul style="list-style-type: none"><li>• Strengthen the Bachelor of Science in Computer Engineering program consistent with global trends.</li><li>• Enhance the competencies of students to evaluate, assess, design and operate safe, effective, economically-efficient and environmental friendly computer-based system.</li></ul> |

Graduates of the program is imbued with various skills and knowledge in the engineering technology, advance research, world-class professionals that will be an integral part of their growth professionally, applicable in the widest array of field or discipline and is expanded into each College Goals.

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