

# FEIAP ENGINEER OF THE YEAR AWARD 2016

## **Lydia G. Tansinsin, DSc, HS**

(Past Chartered President of PTC)



Proven her leadership qualities in the early sixties when engineering is male-dominated, she was Chartered President of the Philippine Technological Council (PTC), an aggregation of 13 engineering Associations in 1978 and Organizing Chair of the Federation of Engineering Organizations (AFEQ) in 1980, affiliated to the ASEAN Secretariat as a non-governmental organization (NGO) in 1982. This year 2016, AFEQ is celebrating its 34 years of existence. In 2004 at Suzhou, Peoples Republic of China (PROC), she was one of the Founding Fellows of the ASEAN Academy of Engineering and Technology (AAET), based in Kuala Lumpur, Malaysia.

The first Filipino to be conferred ASEAN Honorary Engineer by AFEQ in 2004. Was the first woman Chairman of the Board of Examiners for the Licensure Examination for Chemical Engineers of Professional Regulation Commission (PRC) of the Philippines in 1987. Also, conquered gender blockade by being first woman president of the following: Philippine Institute of Chemical Engineers (PICHE) after 38 years of existence for three terms, Philippine Association for the Advancement of Science (PHILAAS) after existing 46 years; the Society of Accredited Association of Consultants (SPAC) an National Research Council of the Philippines (NRCQ) Research Foundation, In, (NRCPRFI). She was Chair of the HURDIT, APEC and delegate in various international and regional conferences. Has written over 40 published and unpublished papers.

Gained recognition by giving science and technology a central place in Philippine educative system. Introduced the holistic and multidisciplinary approach and the concept of institution building to research and development to the Philippine Science community in the Department of Science and Technology (DOST).

Worked the inclusion of a Chapter of Science and Technology in the Philippine National Economic and Development (NEDA) Plan in 1980 in order to strengthen the coordinative functions of DOST and accelerate research and development in the country. Spearheaded and implemented various projects with foreign funding and formulated policies and guidelines for different programs such as the Director of the Engineering Science and Education Project (ESEP); the Director, Balik Scientist Program; with UNIDO grant to search for sources of energy plants in the Philippines and other countries and with the support of UNFSTD, published a book as co-author, book, entitled, "Hydrocarbon Bearing Plants in Asia and Pacific Regions" in 1986 and another one, "Sucro-Based Chemicals from Indigenous

Sources"; Magna Carta for Scientists and Technologists (RA 8435), geothermal utilization for electric power generation and solar and wind mapping of the Philippines. Entered the government and rose from the ranks to be Assistant Scientist and as Acting Undersecretary of the DOST and concurrent Executive Director of the Philippine Council for Industry and Energy Research and Development (PCIERD) until her compulsory retirement.

She is presently active as Senior Adviser of the Philippine Technological Council (PTC) in preparing the Philippines entry to Washington Accord for Engineering Education as full member and PTC Chair of the Accreditation and Certification Board for Engineering and Technology (ACBET). Currently, she is a Professorial Lecturer and thesis adviser in the Graduate School of the University of Santo Tomas. Sharing her blessings, she provides educational assistance to indigent students and seminarian in San Jose, Bulacan, Bulacan, Philippines.