

## EXPERT'S PROFILE

**Name of Grantee** : **DR. JOSE B. CRUZ**

**Area of Expertise** : Electrical Engineering

**Inclusive Date of Contract as BSP Awardee** : January 22, 2009 – March 23, 2009

**Host Institution** : Mapua Institute of Technology

**E-mail Address** : jbcruz@ieee.org



## EDUCATIONAL BACKGROUND

- Ph.D. in Electrical Engineering, University of Illinois, Urbana-Champaign, 1959
- M.S. in Electrical Engineering, Massachusetts Institute of Technology, 1956
- B.S. in Electrical Engineering (summa cum laude), University of the Philippines-Diliman, 1953

## WORK EXPERIENCE

### THE OHIO STATE UNIVERSITY

Distinguished Professor of Engineering, 2004-present  
Professor of Electrical and Computer Engineering, 2004-present  
Professor of Electrical Engineering, 1992-2004  
The Howard D. Winbigler Chair in Engineering, 1997-2004  
Dean, College of Engineering, 1992-1997  
Director, Engineering Experiment Station, 1992-1997

### UNIVERSITY OF CALIFORNIA, IRVINE

Chair, Department of Electrical and Computer Engineering, 1984-1990  
Professor of Electrical and Computer Engineering, 1986-1992

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Associate Head, Department of Electrical and Computer Engineering, 1984-1986  
Associate Director, Coordinated Science Laboratory, 1985-1986  
Professor and Research Professor, 1965-1987  
Associate Member, Center for Advanced Study, 1967-1968  
Associate Professor and Research Associate Professor, 1961-1965  
Assistant Professor and Research Assistant Professor, 1959-1961  
Instructor, 1956-1959

### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Visiting Professor, 1973  
Research Assistant, 1954-1956

### HARVARD UNIVERSITY

Honorary Research Associate, 1973

### To be accomplished as BSP Awardee:

1. Help finalize the Articles of Incorporation, Constitution, By-laws and Accreditation Criteria and Procedures of the Philippine Accreditation Commission for Engineering (PACE);
2. Present the Washington Accord initiative to the Board of Directors of the different Accredited Professional Organizations (APOs) in Engineering and to quality assurance organizations;
3. Present the Washington Accord initiative to DOST, CHED, PRC, DFA and other stakeholders among government agencies;
4. Present the Washington Accord initiative before individual firms and private sectoral organizations and to the ESEP schools;
5. Attend the Philippine Engineering Summit to help present and answer questions about Washington Accord and to witness the signing of PACE Articles of Incorporation;
6. Help prepare and lodge the documents for application for membership in the Accord;
7. Help get nominators, mentors from Washington Accord signatories and help other signatories familiarize themselves with the Philippine system;
8. Train prospective PACE assessors and evaluators in the outcomes-based accreditation system and in Continuous Quality Improvement (CQI) system;
9. Lead a mock visit to one engineering program.

