

EDITOR'S NOTE

Held annually and sponsored by the UP Engineering Research and Development Foundation Incorporated, the Undergraduate Project Competition aims to encourage undergraduate engineering students to undertake innovative projects that demonstrate excellence, knowledge and outstanding projects execution skill in their chosen field of study. Started in 1994 as the Undergraduate Research Competition, it was renamed and expanded in scope in April 2009 to include research or design projects that introduce innovations to produce useful goods, devices, services, and systems, furthers knowledge or improves existing processes, algorithms, solutions or methods in all engineering fields of study.

The 2012 Undergraduate Project Competition drew a total of 35 entries. From these entries, a board of jurors, consisting of faculty from the eight academic units of the UP College of Engineering, selected 10 entries to participate in the final judging.

For its June 2012 Special Issue, the Philippine Engineering Journal is proud to feature the finalists of the 2012 Undergraduate Project Competition.

Acknowledgement is made to all UPC Finalist and advisers who gave their consent to publish their research in this issue and most especially to Dr. Sean Palmiano-Chairman, 2012 UPC Organizing Committee, who helped in facilitating the papers.

MARK ALBERT H. ZARCO

Editor-in-Chief

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