BEIRUT DECLARATION

Of
The 9th World Congress on Engineering Education

On behalf of the engineering professionals at the 9th World Congress on Engineering Education, titled “Impact of Globalization on Engineering Education”, organized by the World Federation Of Engineering Organizations together with the Federation of Lebanese Engineers and The Federation of Arab Engineers, we consider that it is necessary to:

1. Establish good relation between industry and universities to give students opportunities for practical training.

2. Universities should emphasize two types of research:
   - Research that can advance the standing of faculty members and keep them marketable and competitors.
   - Research that can find solutions for local and regional needs.

3. Universities and governments as a whole should lend support to the commercialization of innovations that are developed in research labs at universities, to keep people in their countries.

4. Engineering innovations leading to job creation should be emphasized, given major investments to establish industrial base. This will move the country towards wealth creation with associated job creation as an alternative to service orientated economy.

5. Opportunities to introduce engineering ethics should be engrained in undergraduate engineering education to prepare them for their ethical responsibilities, as ethical engineers, minimizing corruption in design, contracting and supervision.

6. To assess the needs for a regional approach to improve accreditation and quality of engineering education, by bringing together all the existing valuable contributors of accredited systems.

Beirut, October 25th 2013