



WFEO/FMOI

WORLD FEDERATION OF ENGINEERING ORGANIZATIONS
FÉDÉRATION MONDIALE DES ORGANISATIONS D'INGÉNIEURS
Education Committee - Comité de l'éducation - لجنة التعليم
Abdul Menhem Alameddine - Chair

October 8, 2018

CEIE Report To Executive Council 2018 in London, United Kingdom

The committee in its second term is getting to work more on the UNSDG's to fulfill the requirements of WFEO in participating in different conferences around the World.

1. The secretariat of the Committee contacted all National and International members requesting them to update their members list in the CEIE. I started getting some responses for that. I think that the issue of confirmation of memberships in all the committees should be raised in the Executive Council and a strong message should be sent from the Head Office of WFEO.
2. The committee participated in the FAE-CET in preparation for the evaluation forms and visits of universities in the Arab countries due to a decree by the Kuwait State on the quality of education of Engineers who are working in the country.
3. Dr. J.P. Mohsen participated as one of the eighteen global engineering education experts during the **APICTIEE 2018** (Andhra Pradesh International Conference on Transformations in Engineering Education) at Amaravati, AP on the campus of SRM University in India. The Conference was held on July 14 through 17 and was co-organized by IUCEE, APSSDC (AP State Skill Development Corporation and SRM AP



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at Amravati). More than 300 engineering educators from various universities in India participated.

4. Dr. J.P. Mohsen from the University of Louisville, WFEO CEIE Vice Chair made a presentation on Peer Evaluation of Teaching and conducted a panel discussion in the **Second IUCEE Leadership Summit 2018**. 106 leaders of 40 IUCEE Consortium Institutions gathered for the Second IUCEE Leadership Summit from July 19-21, 2018, at Goa, India, to share their transformational stories with 18 global experts and 13 industry leaders. The objective of the Summit was to find ways for the IUCEE institutions to set up clusters of collaboration along the lines implemented successfully by the industrial sector.
5. The Vice Chair Dr. JP Mohsen has participated in meetings in the US concerning the SDG's. We are committed to continue the work and in this case we are going to have a workshop on October the 20th of this month in our regular meeting since we were not given the chance to have a workshop as part of this year celebration of the 50th Anniversary of WFEO in London.
6. The committee was active in the preparation of the EAMC conference in Beirut Lebanon. I was the Director of the Conference. Dr. J.P. Mohsen was invited as keynote speaker for the "Importance of Scientific Research and Development in the quality of engineering education" conference organized by The Engineering Association of Mediterranean Countries (EAMC), Federation of Arab Engineers (FAE) and The Federation of Lebanese



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Engineers (FLE) in Beirut City, Lebanon from September 7th to September 8th of 2018.

7. We were planning for the 2019 meeting in Melbourne, Australia to have the 11th World Congress on Engineering Education as part of our work to have dedicated congresses on issues related to engineering education. Unfortunately, that could not happen due to the organizing committee program. I suggested that because there were comments from the members of the executive council suggesting that we should do it in other countries. Lebanon is committee host. As a matter of fact, I raised the issue in our meetings, and no country wanted to host it due financial problems.
8. Invitation to this year meetings was distributed 4 times, and new speakers will join us in the meeting

Best regards,

Abdul menhem Alameddine, Chair
Committee of Education In Engineering



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توصيات

مؤتمر أهمية التطوير والبحث العلمي في جودة التعليم الهندسي
المنعقد في نقابة المهندسين في بيروت بتاريخ 7-8 ايلول 2018

1. الزامية تطبيق آلية اعتماد على الجامعات كافة لتتماشى مع المعايير الدولية
2. وضع الدراسات التي تحدد احتياجات سوق العمل والزامية تطبيقها
3. وضع آلية تقييم الكفاءة المرجوة للخريجين الجدد وتطبيقها بشفافية
4. تعزيز الأنشطة البحثية ووضعها ضمن مناهج التعليم الهندسي
5. التعاون والتنسيق الكامل فيما بين الجامعات والباحثين والطلاب
6. انشاء مراكز تدريبية دائمة لمواكبة التطور العلمي للمهندس الممارس
7. وضع آلية للاستفادة من خبرات المهندسين الممارسين في التعليم الهندسي

Declaration of

**The conference Importance of Scientific Research
and Development in the quality of engineering education
held at the order of engineers in Beirut on 7-8 September 2018**

1. It is mandatory to apply accreditation mechanism to all universities in-line with international standards.
2. Develop studies that identify labor market requirements and enforce them
3. Develop the competency assessment mechanism required for new graduates and apply them transparently
4. Strengthening research activities and integrating them into engineering education curricula
5. Full cooperation and coordination between universities, researchers and students
6. Establish permanent training centers for practicing engineer to develop their skills
7. Develop a mechanism to benefit from the expertise engineering engineers in engineering education