



## **FEIAP Engineering Education Guidelines (FEEG)**

### **Brief Clarification**

**Drafted by : Ir. Tan Yean Chin (FEIAP Sec Gen) 9 July 2010**

**(A) INTRODUCTION :**

The guidelines shall be termed “FEIAP Engineering Education Guidelines (FEEG)” (incorporated into the new implementation document #1)

**(B) IMPLEMENTATION ORGANISATION :**

- 1) Transfer current “Engineering Education Work Group” to “Standing Committee on Engineering Education” (SCEE) to make it a permanent committee in FEIAP. This is important as Engineering Education is one of the main functions of FEIAP. (incorporated into the new implementation document #1)
- 2) The “Standing Committee on Engineering Education”(SCEE) will continue to develop and improve engineering education for our members in the Asia and Pacific region. (incorporated into the new implementation document #2)
- 3) Under the “Standing Committee on Engineering Education” (SCEE), there will be a “Monitoring Committee on Engineering Education” (MCEE) that will monitor the implementation (which covers facilitating, mentoring and auditing) of the FEIAP Engineering Education Guidelines for member economies applying to participate. (incorporated into the new implementation document #3)
- 4) The “Monitoring Committee on Engineering Education” (MCEE) consists of FIVE (5) members from member economies that fulfill the benchmarked international standards on engineering education such as FEIAP Engineering Education Guidelines, Washington Accord or EUR-ACE systems (changed to five to nine members and incorporated into the new implementation document #6)
- 5) The “Monitoring Committee on Engineering Education” (MCEE), on receipt of a formal request from member economy to participate in the program , will appoint TWO (2) appropriate persons to serve as the “FEIAP Mentor-Assessor” to carry out the function of mentoring and audit/assessment. (role of mentor and assess must be differentiated to ensure conflict of interest, so mentor cannot be assessor at the same time; incorporated into the new implementation document #11)
- 5)6)

**(C) FUNCTION :**

- 6)7)A voluntary program for member economies who wish to participate in the FEIAP Engineering Education Guidelines. (incorporated into the new implementation document #8)
- 7)8)FEIAP MCEE will facilitate, mentor and audit a member economy’s **Engineering Accreditation Body/Council/Board** based on FEIAP Engineering Education Guidelines. (incorporated into the new implementation document #3)



8)9)FEIAP is **NOT CARRYING out ACCREDITATION** on University Engineering Program of universities. It is the function of the Accreditation Body/Council/Board of each member economy to accredit the university engineering programs of their economy. (incorporated into the new implementation document #16)

9)10) The University Engineering Program accredited by Accreditation Body/Council/Board of each member economy which fulfills the FEIAP Engineering Education Guidelines will be recognized and published by FEIAP and informed to the APEC Engineer Co-ordinating Committee as fulfilling the academic requirements. (incorporated into the new implementation document #15)

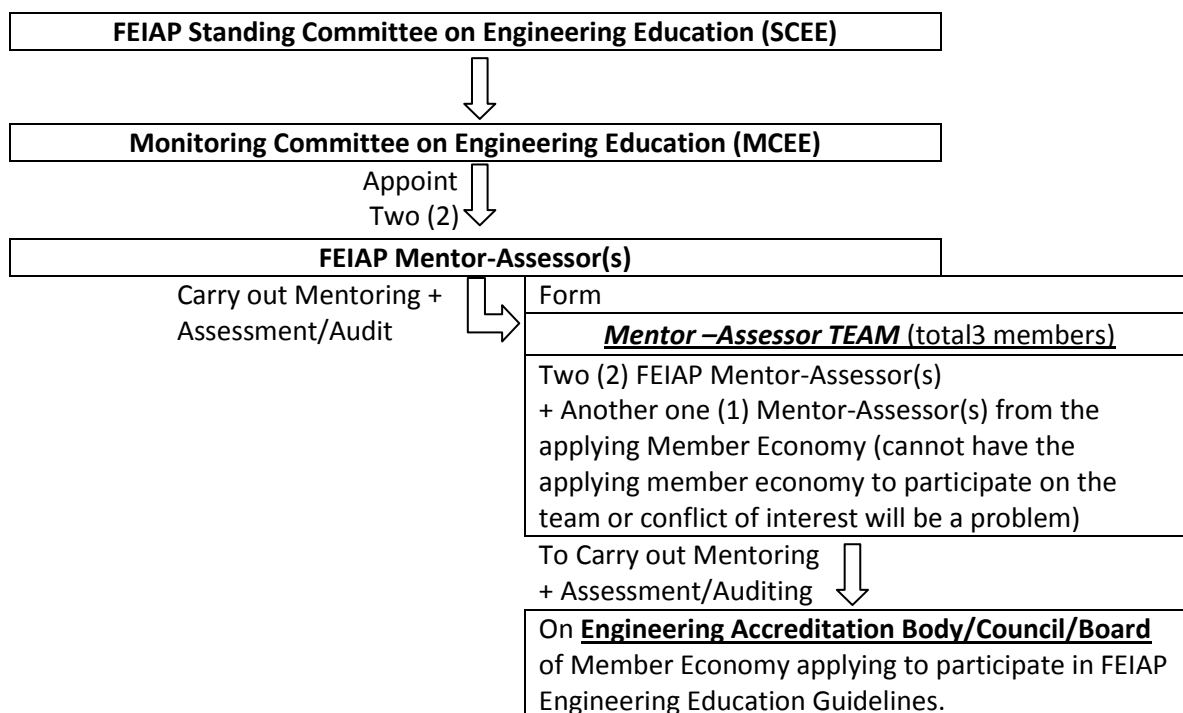
**(D) CHANGES SUGGESTED :**

10)11) Change the term “Accreditation Committee” to “Monitoring Committee on Engineering Education” (MCEE). (incorporated into the new implementation document #1)

Note : Only minor amendments on the terms used in the draft “FEIAP Engineering Education Guidelines (FEEG)”.

1) (This flow chart has been modified and incorporated into the new implementation document)

**(E) FLOW CHART FOR FEIAP ENGINEERING EDUCATION GUIDELINES :**





11)12) Once FEIAP Monitoring Committee on Engineering Education had mentored, assessed and audited the Engineering Accreditation Body/Council/Board (EAB) of the member economy and found to fulfill the FEIAP Engineering Education Guidelines, the EAB will be recognized by FEIAP. (incorporated into the new implementation document #13)

12)13) The engineering education programs of universities accredited by the Engineering Accreditation Body/Council/Board (EAB) of member economy to fulfill the engineering education requirements of FEIAP Engineering Education Guideline will be recognized by FEIAP. (incorporated into the new implementation document #15)

13)14) FEIAP will list engineering programs that fulfill engineering education guideline requirements and inform APEC Engineers accordingly. (incorporated into the new implementation document #15)

1. The recognition is for a duration of 3 years subject to re-audit & re-assessment by FEIAP.  
14)15) (3 years is too short, as a common practice, 6 years would be more appropriate with a conditional approval of 3 years in cases where the accreditation body is not yet mature; incorporated into the new implementation document #14)

16) Note: Any request from member economy to FEIAP to send mentor/assessor to their economy to advice or audit their system, the cost of travelling expenses (taxi, airport tax and air ticket) and accommodation shall be borne by the applying member economy. (incorporated into the new implementation document #18)