



IRAQ Office
مكتب العراق



Rehabilitation of Iraq's Higher Education System Project

4th Workshop on Quality Assurance in Higher Education

Amman (Jordan), November 25, 2015

“Reviewed Quality Improvement Plans of Pilot Colleges of Engineering”

College of Engineering - University of Baghdad

November 2015

Suffer 1437

Referring to the report of the Review Group (RG) of the UNESCO experts received by the college about the QIP presented in the 3rd workshop held in Amman (Jordan), October 27 – 29, 2013, and the recommendations and suggestions outlined in the report, the college considered the report with interest, and a number of steps had been made to implement the recommendations of the report. The following is a brief description for these steps:

***1-**A high – level Central Quality Improvement Committee was established in the college to follow-up the QIP and its progress in accordance with the RG report mentioned above. The committee is chaired and supervised by three of the faculty staff of the college who are interested in the subject and have good experience; they represent the college in Amman Workshop.*

***2-**The committee held a symposium attended by the QA and Scientific Committees in all departments. The Dean of the college and his three assistants (Scientific, administrative and students affairs) and the heads of the departments also attended the symposium, in which the QA procedures in the college was reviewed, and a proposed “ Road Map “ to be implemented in the next period was presented and discussed with the attendants.*

***3-**The proposed “Road Map” is based on the “ Action Plan” mentioned in a previous progress report written according to the site visit report written by the RG based on their site visit to the college on (2 /12 / 2012).*

- 4-***A decision was made by the college to start writing the SAR for the 9 departments which did not start the QA cycle.*
- 5-***A student feedback system had been started in all the 12 departments with 3 questionnaires considering the students opinions about the curricula, teachers, and the college*
- 6-***Alumni feedback system had been started in all the 12 departments with a questionnaire.*
- 7-***Employee feedback system had been started in all the 12 departments with a questionnaire.*
- 8-***The Iraqi MOHESR started a “Peer Review Plan “between the Iraqi Universities. The committee proposes a plan for the 12 departments to prepare the required information and documents in the reviewing process.*
- 9-***All the comments and recommendations of the RG listed in the report were considered thoroughly. Accordingly, the QIP of the college presented in Amman Workshop was modified, and the new version of this reviewed QIP is given below.*

Quality Improvement Plan

College of Engineering – University of Bagdad

Goals

Students

*Other Colleges &
Institutions*

*Political / Legal
Situations*

*Social Situation /
Cultural*

*Environmental
Situation*

Pillars of the Plan

Leadership

*Faculty & other
Staff*

Community

*Economic Situation /
Population*

Technical Situation

Strategic Plan

*Undergraduate
Programs*

*Postgraduate
Programs*

Scientific Research

Community Service

*Human Resources
and Academic
Administration*

Financial Resources

*Sustainable
Development*

Goals of the Improvement Plan

- 1- Attract and develop an outstanding and diverse faculty, students and staff.
- 2- Develop and deliver an undergraduate engineering curriculum based on active, problem based learning.
- 3- Professionally oriented teaching and learning.
- 4- Strengthen postgraduate programs.
- 5- Develop research thrusts in areas of state and national needs and establishing viable applied research that generates knowledge for local and foreign markets.
- 6- Enhance communication with the other Iraqi universities, and global universities.
- 7- Implement administrative and organizational actions to support strategic goals.
- 8- Increase effectiveness of educational & research programs.

Strategic Plan of the COE – University of Baghdad

1. The Educational Process (Undergraduate Programs)

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Other		
1. The mechanism of competition & admission of students of different departments & disciplines	The formulation & revision of the minimum acceptance competitive.	√		√	√		Partially done, need further development (2years)	-Raising the minimum acceptance averages -No. of admitted freshman -Percentage of enrolled to admitted freshman
2. Attracting professors & distinctive competencies.	Development of a proposed plan of employment.	√	√				Partially done, need further dev. (within 5 years)	Increase No. of faculty staff
3. Improve the undergraduate program.	- Introduce skills in programs (communication, presentation, previews, english, sustainability, SHE, ethics,etc.) .		√	√	√		Partially done, others (within 5 years)	Students knowledge, comprehension, application
	- laying the foundations & criteria for graduation projects & assessment method.		√	√	√		2 years	-Quality of projects -Competition of students

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
4. Provision of classrooms equipped with modern methods of display devices (Smart classrooms) and the use of the Internet.	Encourage teachers to use the Internet and the internal network of the University and modern teaching techniques.		√	√	√		Partially done, need further development (2 years)	-Students satisfaction -Using new techniques in teaching (clever classrooms)
5. Establishment of an advisory board of industry.	Formation of advisory committees with various sectors in line with the educational outcomes & labor market requirements.	√	√	√	√	√	2 years	-Development of curricula according to the feedback from this board. -Cooperative institutions satisfaction with students training and participating in work- based practice
6. Development of curriculum and assessment graduation projects according to international standards.	Continue to apply the accreditation and prepare for self-assessment.			√	√		Work starts Need 5 years	Curriculum improving and aligned with the curricula of established universities

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
7. Setting a timetable for accreditation	developing a system for assessment and evaluation of program outcomes and objectives and assessment reports for use as a criterion for the continuous development			√	√		-3 Depts. Start -9 Depts. Will join the work in 1 years	-Evaluation of accreditation boards.
8. Developing Official mechanism for the implementation and follow-up the training programs (Industrial Training , Summer or institutional)	Design Management System, conducts training sessions on system use, and evaluates it.		√	√	√		In some Depts. work starts. Other Depts. will join	-Evaluation of the students by employers -Satisfaction of students

2. The Educational Process (Postgraduate Programs)

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ	Collg.	Dept.	Others		
1. Review, update and develop postgraduate programs	Review the admission requirements according to international standards and objectives of the programs in accordance with the requirements	√	√	√	√		Done in most Depts. and is continuing (1year)	-Quality and level of programs & and modules -Quality of graduates. -Percentage of graduates continuing post study
2. Support and development of programs through the mechanism of cooperation with public and private sector	Increase the engagement process with state offices, ministries and private sector	√	√	√	√	√	Starts, but not active enough (2years)	No. of supported and funded M.S.c. theses & Ph.D dissertation
3. Accuracy and objectivity in the selection of professors	Increased financial benefits to attract distinguished highly qualified professors	√	√	√		√	(2years)	-No. of employed faculty staff. -No. of trained and qualified profession

3. Scientific Research

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
1. Create a good environment to support scientific research & publication in international journals.	Review regulations for the development of research methods and research funding.	√	√	√	√		Done	Increasing of funding published resource in journals
2. Establishment of research centers and groups.	-Planning the research and identifying priorities.	√	√	√	√	√	Starts , and open in time (2years)	-No. of joint supervision - No. of scholarships research
	- Joint research with Global Universities	√	√	√	√	√		
3. The development of the Engineering Consulting Office to be the nucleus of research relationship with various sectors.	Establishment of an advisory committee of college & other institutional sectors.		√	√	√	√	Done	-No. of funded researches and programs. -No. of consultant faculty stuff
4. Emphasis on research contributing to the process of local & global construction & development.	Engagement with community and increase funding and cooperative mechanisms.		√	√	√	√	Done	-No. of funded researches -No. of adapted research

4. Community Service

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
1. Documentation and dissemination activities and achievements periodically in different media.	Periodic publication in different media outlets in the form of seminars workshops ...etc.	√	√	√	√	√	Done, and is continuing (1year)	-No. of workshops, seminars, symposiums -Web. Site development -- Documentation
2. contributing to the exchange of information.	Through conferences, seminars, courses and electronic communication.		√	√	√		Done	-No. of conferences -No. of researches
3. Activation mechanism of the engineering Consulting Bureau.	Establishment of an advisory committee of college & other institutional sectors.		√	√		√	Done	-No. of consultant projects -No. of projects achieved to serve community
4. Building the capabilities of the students in dealing with state official institutions & private sector.	Increase the field of practical engineering work before graduation (summer training).			√	√	√	Partially done, need further dev. (1 years)	-No. of trained students -No. of state offices adapting training program

5. Human Resources and Academic Administration

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
1. Increase the engineers and technical staff.	Increase the engineers and technical staff employment.	√	√	√			Continuously done (2years)	No. of employed training and technical staff
2. Training in accordance with modern and developed programs.	Through conferences, seminars, courses and electronic communication.		√	√	√		Done, need further dev. (1year)	-No. of training course -No. of trainers
3. Improving the quality of performance.	Selection of appropriate engineering programs, each according to tasks.		√	√	√		Done, need further dev. (1year)	-Satisfactions students and communities -Evaluating graduates
4. Development of teaching and research capabilities of the Faculty.	<ul style="list-style-type: none"> •The use of Faculty of Ph.D. holders with significant academic and professional experience. •Spatial leave & scholarships program. •Participation in seminars locally and abroad. •Develop methods to evaluate the performance of faculty associated with the evaluation of students' curricula. •Follow-up system for new faculty 	√	√	√	√		Done, need further dev. (2years)	- No. of Ph.D holders of staff -Rank of evaluation -Students satisfaction -No. of seminars & participants -Development the new staff

6. Financial Resources

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
1. Find sources of funding to meet the needs	Negotiation with university, ministry and others.	√	√	√			Done & is continuing (1year)	-No. of activities of the cooperation mechanisms in community -Increasing of funding
2. Encouragement & activate the work in accordance with the mechanism of cooperation with various sectors in the country	An attempt to attract external support.	√	√	√	√		Done, need further dev. (2year)	-No. of external supporters -No. of project, supported by state official and private sectors

7. Sustainable Development

Targets	Required Action	Responsibility					Duration	Key Performance Indicator (KPI)
		Minst.	Univ.	Collg.	Dept.	Others		
1. Science & technology in the service of the homeland & citizen.	Raise awareness of capacity of all in the educational process.	√	√	√	√	√	Starts, need further dev. (1year)	-No. of activities of this field -High level culture community
2. Convenient academic programs with the development requirements.	development of a program with an ambitious and global level.	√	√	√	√	√	Starts, need further dev. (1-year)	Improper peered program
3. Keep pace with global standards for sustainable development in academic programs.	Directing development programs to serve the community and to achieve its ambitious.	√	√	√	√	√	Starts, need further dev. (1year)	-Graduates having a culture of sustainable & sustainable development in labor work field

Thanks a lot for your kind
listening and attention