

ABSTRACT

The Role of The Engineers Association in Organizing the Engineering Profession and the Mechanisms of its Development

From the Perspective of West Bank Engineers.

This study aimed to identify the role of The Engineers Association (EA) in organizing the engineering profession of its development from the perspective of the west bank engineers. This includes identifying the role of The Engineers Association (EA) in the organization in the engineering professions in terms of laws and regulations ,offering training and developing their skills and the coordination with the different sides in side and out side the country.

The Engineers Association (EA) tries to identify the ways and mechanisms of developing The role of The Engineers Association (EA) in organizing the engineering profession

The Engineers Association (EA) aimed to study the relation between a number of demographic variables of the respondents (gender, specializations, qualifications, and place of residence ,and the demographic characteristics of the engineering offices in terms of (districts, specializations of the engineering offices/companies, category of the engineering offices/companies, the number of the employees and the number of specializations).

The study has been applied on sample of 280 engineers (male and female)working in the engineering offices/companies in the West Bank .Questionnaire appropriate to the nature and objectives of the study has been designed. An analytical descriptive approach suitable to the nature of the study has been used . Data has been analyzed using the statistical package of social science (SPSS). The study arrived at the following results :

1.The study indicates that the role of the (EA) in organizing the engineering profession and the mechanism of its development from the perspective of the West Bank engineers and on all the domains of the study was at a very high degree .

The most important domain of the study was the first which is related to the role of the association in organizing the engineering profession in term of laws and regulations. Followed by the fifth domain which is related to the mechanisms of developing the work of the (EA).

In the third place there was the role of the (EA) in offering services to the working engineers in engineering offices/ companies . in the fourth place was the role of EA in training and developing the working engineers in the engineering offices/companies. The role of the EA in the coordination with the different sides inside and out side the country came last.

2.The results of the study revealed significant statistical differences in the role of the EA in organizing the engineering profession and the mechanisms of its development from the perspective of the West Bank engineers that can be attributed to these variables (specializations, qualifications, districts, category of the engineering offices/companies, and the number of specializations).

3.Finally the study indicated that there were no significant statistical differences in the role of the EA in organizing the engineering profession and mechanisms of its development from the perspective of the West Bank engineers that can be attributed to these variables (gender, social conditions , specialization of the engineering offices/companies ,the number of the employees in the engineering offices/companies In the light of these results . the researcher sets a number of recommendations:

- 1. The necessity that the EA should abide to its missions and achieve the goals for which it was established regardless of external influences.**
- 2. The urgent need for the periodic revision of all its laws and regulations to keep up with the accelerating progress and in the engineering profession.**
- 3. The Association should enhance its interest in offering services to engineers such as access to libraries and availability of publication and magazines that are specialized in engineering sciences and the innovations in engineering.**
- 4. Urging the Association to make coordination with the universities in fields such as the quality of specializations and number of engineering students so as to meet the demands of the labour market .**
- 5. Increasing the awareness of the appropriateness of the training hours and courses to the need of the different classes of the engineers and their specializations.**
- 6. Designing short, medium and long term strategies for all the fields and the domains of the Associations' work.**
- 7. Urging engineers to be accurate in planning , supervision and execution since the engineering mistake is fatal.**
- 8. Conducting a study a bout the availability of the elements of development in the Engineers Association so as to activate its role in this field .**