

EDUCATION OF ANALYTICAL CHEMISTRY

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Education of analytical chemistry as a serving discipline is frequently and effectively contributing with other scientific and social sciences in building up scientific knowledge and skill. It has to cope with the increasing importance of analytical chemistry and its role in every aspect of life in the modern society. The role of analytical chemistry and its effect on consumer protection, health, environment and economy is increasing tremendously specially in the new economic system and trade agreements. Education of anal. chem. thus, has to cope with the societal needs and the demands of the labor market both nationally and globally so that we can have well informed, trained and capable specialists that can compete in different industries, laboratories, control units and research groups.

I like to stress on some important points in this domain.

- What is the minimum level of unification of concepts among Anal. Chem. Staff members?
- Do we need to change the curricula and how after?
- What do we have to emphasize on in teaching?
- Are there any need to add management, law and cost/ benefit concepts that help anal. chemist to be oriented to problem solving?.
- How can quality be assured in anal. chem. education?.
- What are the costs and benefits of incorporating information technology with all its tools to anal. chem. Education?.
- Is education of anal. Chem. limited to university period (under graduates and postgraduates) or it is a long life learning concept?

In my talk a comparison between education of anal. chem. in Egypt and the Euro curricula adopted by DAC is given.