

Definition:

This department provides a coordinated research and training activity in the field of quality control of raw materials and pharmaceutical and food and Cosmetic preparations and offers the highest degree (PhD) awarded in this field as well as M.Sc. in Food and Beverage control besides Pharm-D in general Pharmacy. Graduates will be able to teach and research at universities and research centers and also to be employed in pharmaceutical and cosmetics industries.

Values:

Graduates employed in various organizations such as universities, drug control laboratories, research centers and pharmaceutical industries can improve the public health quality via:

- 1- Quality control and improvement of pharmaceutical preparations.
- 2- Quality control and of cosmetic preparations.
- 3- Quality control and improvement of food and beverages.
- 4- Prevention of distribution or entrance of poor quality preparations
- 5- Promotion of country's pharmaceutical export
- 6- Reduction in mortality due to availability of qualified Pharmaceuticals
- 7- Reduction in the duration and the cost of treatments
- 8- Reduction in unwanted (Adverse) drug effects
- 9- Educating expert pharmacists

Mission:

Due to the propagation of human pharmaceuticals (chemical, herbal and radio drugs), veterinary medicines and biologicals in recent years, in process and final control procedures along with quality assurance of pharmaceuticals is of great importance.

The program's mission is to educate students in various areas of quality control like management, administration, education, research, service and industrial consultancy. The mission can be divided into 3 main groups defined below:

- 1- Educational:
 - a. Training qualified Pharm-D members to enhance their professional development in pharmaceuticals, food and cosmetics management and control.
 - b. Training Professional members with PhD or MSC degrees in food and beverage management and control.
 - c. Providing Short educational courses for pharmaceutical and food technicians in related industries.
 - d. Providing Continuous education programs for post graduated Pharm-D participants.
- 2- Researching:
 - a. Producing Useable research and knowledge and developing scientific borders in Pharmaceuticals, food and cosmetics management and control.

- 3- Professional services:
Providing Professional services in health care and or industrial fields.

Vision:

The future of this course in the 20- year plan of the Islamic Republic of Iran is following:

- 1- Meet the needs of human resources employment for organizations, pharmaceutical and cosmetics industries, universities, laboratories and various health centers for specialists trained in the control field.
- 2- Improve the quality of Domestic preparations
- 3- Increase the country's pharmaceutical exports
- 4- Decrease the duration of treatments and reduce pharmaceuticals consumption in the country
- 5- Reduce illness and deaths caused by side effects of low quality preparations and generally increase the public health level.