



PROFORMA FOR QUALITY ENHANCEMENT CELL'S WEBSITE

All the Teaching Departments/ Institutes/ Centers of the University of Karachi are requested to provide the following information to the Quality Enhancement Cell for uploading it on its website.

A. Name of the Department/ Institute/ Center :- Department of Pharmacognocny.

B. Mission of the Departments/ Institute/ Center:-

- I. To disseminate scientific knowledge about natural resources.
- II. To explore scientific facts about nature, natural sources and their utility as medicine food and fuel.
- III. To provide scientifically trained persons who are capable to serve the humanity.

C. Mission Statement of the Programme

1. MS:

- I. To conduct researches on hidden facts of natural sources.
- II. To produce trained professionals, who can understand the profession and its importance in society and educate the society

2. Ph.D.:

- I. To generate reliable data on those drugs which are naturally valued but unvalued due to lack of their scientific studies.
- II. To conduct researches on standardization of Phytopharmaceuticals.
- III. To introduce such professionals who are capable to make valuable contribution by their research to strengthen the economy of the country.

D. Objectives of the Programme

1. MS: (i) To produce skilled professionals, able to handle health care system according to international standards.
(ii) To serve the society by giving awareness about the natural drugs and their related issues.
2. Ph.D (i) To provide worthy professionals who can face the challenges and able to produce solution of the challenges.
(ii) To explore the role of natural medicine in modern medicine.

E. The outcomes of programme i.e. the attributes the student will acquire after successful completion of the courses of studies and research degrees

1. MS:

- I. Serving health care units (hospitals, pharmaceuticals, phytopharmaceutical and cosmetic industries research & development and academia) in side and outside the country.
2. **Ph.D** (i) To serve in pharmaceutical industries hospitals, academia, regulatory bodies, research & development, consultancy and advisory etc.

F. Semester wise Courses (syllabus) for BS, MS & Ph.D.

M.S Courses 1st Semester

S.No.	Course No.	Cr. Hrs.	Course Title
1	PHG-821	03	Biostatistics
2	PHG-823	03	Advances in spectroscopic techniques
3	PHG-825	03	Analytical Pharmacognocny
4	PHG-827	03	Advances in Pharmacognocny
5	PHG-829	03	Cell Biotechnology
6	PHG-831	03	Biosynthesis of Natural Products

M.S Courses 2nd Semester

S.No.	Course No.	Cr. Hrs.	Course Title
1	PHG-822	03	Computer application in Pharmacy
2	PHG-824	03	Structure Elucidation of Natural Products
3	PHG-826	03	Plant Toxicology

PH.D Courses 1st Semester

S.No.	Course No.	Cr. Hrs.	Course Title
1	PHG-901	03	Research Methodology

PH.D Courses 2nd Semester

S.No.	Course No.	Cr. Hrs.	Course Title
1	PHG-902	03	Herbal Bioequivalence
2	PHG-930	03	Industrial Pharmacognocny
3			

G. Names, qualifications and designations of the faculty members

Name	Qualification	Designation
1. Dr. Mansoor Ahmed	M.Sc., Ph.D. (ETH Switzerland)	Meritorious Professor

2. Dr. Ghazal H. Rizwani	M.Pharm., Ph.D. (Kar.)	Professor
3. Dr. Shahida Siddiqui	M.Sc., Ph.D. (Sindh)	Professor
4. Dr. Syed Waseemuddin	B.Pharm., M.Pharm., Ph.D(Kar.)	Professor
5. Dr. Iqbal Azhar	B.Pharm., M.Pharm., Ph.D(Kar.)	Associate Professor
6. Ms. Farah Mazhar	B.Pharm., M.Phil (Kar.)	Assistant Professor
7. Dr. Mohtasheem ul Hasan	B.Pharm., M.Phil., Ph.D (Kar.)	Assistant Profesor