

	<p style="text-align: center;">DEPARTMENT OF PHARMACY SUMANDEEP VIDYAPEETH (Declared Under Section 3 of UGC Act, 1956) Vill. Piparia, Waghodia Taluka, Dist. Vadodara- 391760 (Gujarat)</p>
<p style="text-align: center;">Dr. A. K. Seth HOD</p>	<p style="text-align: center;">Phone: +91 2668 245073 URL: www.sumandeepuniversity.org</p>

Evidence based Pharmacy Education for PharmD

2012

There shall be one paper of evidence based Pharmacy education of 50 credits in each year. Total 20 credits shall be allotted to Practical and 30 credits are allotted to Theory.

(I to IV year)

For practical:

Each student has to submit one assignment (research / review article) on any relevant topic of theory. **(20 credits)**.

For theory:

Evidence based pharmacy examination of 30 credits will be taken by the university.

Result will be shown by giving Grades as follows:

Grade A⁺ > 40 credits A: 30-39 credits B⁺: 20-29 credits B: 10-19 credits and C: <10 credits.

[1 credit=1 mark].

Theory Examination pattern:

A theory question paper of 30 credits will be drawn with following pattern:

Total questions will 7 (seven) each of 6 marks. Students have to attempt any 5 questions.

**PD-107 EVIDENCE BASED PHARMACY EDUCATION
(15 hours) (50 CREDITS)**

THEORY **30**
CREDITS

1. Introduction to evidence based pharmacy education: Concept of EBP, requirement of EBP, application in pharmacy education. [3 hrs.]
2. Learning of Internet. Acquaintance with important academic learning sites and search engines, [3 hrs.]
3. Learning Computer skill [3 hrs]
4. Methods of collecting evidences in pharmacy, Identification of evidences of pharmacy, methods of quoting evidences. [3 hrs.]
5. Why EBP: Significance of evidence based pharmacy practice, benefit to hospital, industry and research laboratories. [3 hrs.]

Topic related assignments: Each student has to submit one evidence based assignment on topics given in syllabus.

Practical **20**
CREDITS

1. Submit one assignment (research / review article) on any one of the topic of theory.
2. Collect and submit electronic bibliographic data base on topic allotted to them.

**PD-207 EVIDENCE BASED PHARMACY EDUCATION
(15 hours) (50 CREDITS)**

THEORY **30**
CREDITS

1. Summarize 1st year knowledge. [1hrs]
2. Learning of advance search on Internet. Acquaintance with important data base collection.
[2hrs]
3. Acquaintance with National and International research journal, their sites and other details like publisher and their method of subscription, contents in the journals, Internet access of such journals. [2hrs]
4. Search engines and filters. [3hrs]
5. Levels of evidence [2hrs]
6. Collection of evidences
[2hrs]
7. Introduction to various data base available, their use as evidences
[3hrs]

Topic related assignments: Each student has to submit one evidence based assignment on topics given in syllabus.

PRACTICAL **20 CREDITS**

1. Submit one assignment (research / review article) on any one of the topic of theory.
2. Collect and submit electronic bibliographic data base on topic allotted to them.

**PD-307 EVIDENCE BASED PHARMACY EDUCATION
(15 hours) (50 CREDITS)**

**THEORY
CREDITS**

30

1. Acquaintance with the computerized drug database and its applications (database providing information on dosage, pharmacokinetics, cautions, interactions, clinical applications, adverse effects, comparative efficacy, drug of choice information, and orphan drug status) [6hrs]
2. Computerized work-flow tools for pharmacists, computerized physician order entry [CPOE] for physicians and medication administration systems for pharmacists. [3hrs]
3. Measuring outcomes in evidence based practice, evaluating the evidences, level of evidences in research to decide the strategies. [1hr]
4. Systematically reviewing of evidences. [1hr]
5. Acquaintance with Database product of formulation excipients. [2hrs]
6. Ability to generate questions on related topics. [2hrs.]

Topic related assignments: Each student has to submit one evidence based assignment on topics given in syllabus.

PRACTICAL

20 CREDITS

1. Submit one assignment (research / review article) on any one of the topic of theory.
2. Collect and submit electronic bibliographic data base on topic allotted to them.

**PD-407 EVIDENCE BASED PHARMACY EDUCATION
(15 hours) (50 CREDITS)**

THEORY

30 CREDITS

1. Introduction to research methodology, contents of research and review articles.
[4hrs]
2. Evidence based discussion on research articles. (Outline the structure of research paper, how to frame sub-parts of the paper, importance of statistical methods. [4hrs]
3. Problem based solution by evidence based practice. (students have to find out the solution of the given problem by finding out the evidences from relevant websites)
[2hrs]
4. Evidence based Critically Appraised Topics (CAT), limitation of CAT, and implication of CAT.
[5hrs]

Topic related assignments: Each student has to submit one evidence based assignment on topics given in syllabus.

PRACTICAL

20 CREDITS

1. Submit one assignment (research / review article) on any one of the topic of theory.
2. Collect and submit electronic bibliographic data base on topic allotted to them.