

**KURUKSHETRA UNIVERSITY, KURUKSHETRA**  
**INFORMATION ABOUT ACADEMIC DEPARTMENT FOR WEB-PORTAL**  
**(ACADEMIC DEPARTMENT)**

**Department Profile**

The Department of Pharmaceutical Sciences came in to being on the campus of Kurukshetra University, Kurukshetra in 2003. It has a strong faculty of eleven teachers, who are running B. Pharm course with an intake capacity of sixty students every year under Self-Financing Scheme. The department is housed in a newly constructed four-storeyed building, which is furnished with well equipped labs, library, class rooms and other facilities in consonance with the requirements of the fast changing scenario of Pharma Industries. Needless to say, the teaching staff is a dedicated one with an updated knowledge in the subject and imparting the best possible practical training to the students while keeping them abreast with the latest developments in the field in order to prepare them to compete with the fast developing world in the Pharma sector. Besides, serious efforts are already afoot to keep pace with the AICTE comprehensive plan to provide expertise and professionals to the Nation. In view of the increasing demand, the Department is set to start M.Pharm. course as well in the near future.

Chairperson : Dr. Om Prakash  
 Contact Information : 01744-239617(O), 234366(R)

**Faculty Information**

Name of the Faculty members	Date of Joining	Specialization	Qualification	Contact Information
<b>Professors</b>				
Prof. Om Prakash	March 1981	Chemistry	MSc. PhD	01744-239617 01744-234366
Prof. L. R. Kakkar	July 1971	Chemistry	MSc. PhD	01744-238765
<b>Lecturers</b>				
Mr. Sukhbir Lal	11-10-2003	Pharmaceutical Chemistry	M. Pharm PhD (P)	09416126086 01744-320331
Mr. Rakesh Pahwa	20-08-2004	Pharmaceutics	M. Pharm	09896250793
Mr. Sunil Kumar	01-01-04	Pharmacognosy	M. Pharm	09416581005
Mr. Dinesh Kumar	01-10-04	Pharmacognosy	M. Pharm	09896417389
Mr. Dhirender Kaushik	24-07-06	Pharmacology	M. Pharm	09416055522, 01262-246836
Ms. Manjusha	24-07-06	Pharmacology	M. Pharm	09813677037 0184-2231867
Mr. Surender Verma	24-07-06	Pharmaceutics	M. Pharm, MBA	09416235050, 01662-277758
Ms. Kamal Saroha	01-08-06	Pharmaceutics	M. Pharm	09813315343
Dr. Ajay Kumar	24-07-06	Chemistry	MSc. PhD	09416194419

### Courses Offered:

Course Name	:	B. Pharmacy
Course Type	:	Pharmaceutical Sciences
Exam Scheme	:	Annual
Duration	:	Four year
No. of Sanctioned seats:		60

### Year-wise details:

#### **B. Pharm 1<sup>st</sup> Year**

All theory and practical subjects are compulsory in all years.

Paper Code	Paper Name	Paper Type	Remarks	Max. Marks	Internal	External
<b>BPH-1.1</b>	Pharmaceutical chemistry-I (Pharm. Organic Chemistry)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.2</b>	Pharmaceutical chemistry-II (Pharm. Inorganic Chemistry)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.3</b>	Pharmaceutics-I (Dispensing & Hospital Pharmacy)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.4</b>	Pharmaceutics-II (General Pharmacy)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.5</b>	Pharmacology-I (Anatomy Physiology & Health Education)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.6</b>	Pharmacognosy-I	Theory & Practical		100	20	80
				100	20	80
<b>BPH-1.7</b>	Pharmaceutical Mathematics	Theory		100	20	80
<b>BPH-1.8</b>	Remedial Biology (For Candidates who have not studied Biology in 10 + 2)	Theory & Practical		100	20	80
				100	20	80

#### **B. Pharm 2<sup>nd</sup> year**

Paper Code	Paper Name	Paper Type	Remarks	Max. Marks	Internal	External
<b>BPH-2.1</b>	Pharmaceutics-III (Pharmaceutical Eng.-I)	Theory		100	20	80
<b>BPH-2.2</b>	Pharmaceutics-IV (Pharmaceutical Microbiology)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-2.3</b>	Pharmaceutics –V (Forensic Pharmacy)	Theory		100	20	80
<b>BPH-2.4</b>	Pharmaceutical chemistry-III (Pharmaceutical Biochemistry)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-2.5</b>	Pharmaceutical chemistry-IV (Pharmaceutical Physical Chemistry)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-2.6</b>	Pharmaceutical chemistry-V (Pharmaceutical analysis-I)	Theory & Practical		100	20	80
				100	20	80
<b>BPH-2.7</b>	Pharmacognosy-II	Theory & Practical		100	20	80
				100	20	80
<b>BPH-2.8</b>	Computer Science	Theory & Practical		100	20	80
				100	20	80

#### **B. Pharm 3<sup>rd</sup> year**

Paper Code	Paper Name	Paper Type	Remarks	Max. Marks	Internal	External
<b>BPH-3.1</b>	Pharmaceutics-VI (Physical Pharmacy)	Theory		100	20	80
<b>BPH-3.2</b>	Pharmaceutics-VII (Pharmaceutical Eng. -II)	Theory & Practical		100 100	20 20	80 80
<b>BPH-3.3</b>	Pharmaceutics-VIII (Dosage form design)	Theory & Practical		100 100	20 20	80 80
<b>BPH-3.4</b>	Pharmaceutical chemistry-VI (Chemistry of Natural Products)	Theory		100	20	80
<b>BPH-3.5</b>	Pharmaceutical chemistry-VII (Medicinal Chemistry-I)	Theory & Practical		100 100	20 20	80 80
<b>BPH-3.6</b>	Pharmacology-II	Theory & Practical		100 100	20 20	80 80
<b>BPH-3.7</b>	Pharmacology-III (Pharmaceutical Biotechnology)	Theory		100	20	80
<b>BPH-3.8</b>	Pharmacognosy-III	Theory & Practical		100 100	20 20	80 80

### **B. Pharm. 4<sup>th</sup> year**

Paper Code	Paper Name	Paper Type	Remarks	Max. Marks	Internal	External
<b>BPH-4.1</b>	Pharmaceutics-IX (Biopharmaceutics & Pharmacokinetics)	Theory & Practical		100 100	20 20	80 80
<b>BPH-4.2</b>	Pharmaceutics-X (Pharmaceutical Technology)	Theory & Practical		100 100	20 20	80 80
<b>BPH-4.3</b>	Pharmaceutics- XI (Pharmaceutical Management)	Theory		100	20	80
<b>BPH-4.4</b>	Pharmaceutics-XII (Packaging Technology)	Theory		100	20	80
<b>BPH-4.5</b>	Pharmacology- IV	Theory & Practical		100 100	20 20	80 80
<b>BPH-4.6</b>	Pharmacognosy- IV	Theory & Practical		100 100	20 20	80 80
<b>BPH-4.7</b>	Pharmaceutical Chemistry- VIII (Medicinal Chemistry- II)	Theory & Practical		100 100	20 20	80 80
<b>BPH-4.8</b>	Pharmaceutical Chemistry-IX (Pharmaceutical Analysis-II)	Theory & Practical		100 100	20 20	80 80

### **Facilities**

**Library** : A spacious library with sufficient sitting capacity and around 2000 text books on Pharmacy (latest editions/volumes) is there in the Department. Besides, the Department is in the process of subscribing twenty five journals relating to field of Pharmaceutical Sciences. Further, about 200 to 250 new books are being added every year. At present the library contains books worth Rs.15 to 20 lakhs.

**Teaching Labs** : Seventeen laboratories fully equipped with latest instruments are available in the Department including Sophisticated Instrument lab, Animal house, Machine room, Xeroxing Machine, etc.

**Other facilities** : Computer laboratory complete in all respects with 30 computers, five big UPS and good no. of printers are available with an approximate investment of Rs. 20 Lakhs. All teachers are provided furnished rooms with complete PC set. Also, two LCD projectors are available in seminar and SIF rooms separately.

**Placement cell** : First batch yet to be out in June- July 2007

**Information on Seminar and Conferences** : Nil

**Information on Research Activities (Projects)** :  
Dr. Om Prakash & Sh. S.L.Khokra are collaborating with Guru Jambheshwar University, on a research work title “Phytochemical and Biological Studies on Vitex negundo. Almost all the faculty members are actively engaged in the research work in their respective field of interest.

**Information on Achievement** :  
Dr. Ajay Kumar was bestowed with ‘YOUNG SCIENTIST AWARD’ in the year 2005-06.