

# SAURASHTRA UNIVERSITY



## **POST GRADUATE DIPLOMA IN** **CLINICAL RESEARCH** **(PGDCR)**

**One year full time course**  
**(Two semesters)**

**S. B. Gardi Institute of Pharmacy**  
**Department of Pharmaceutical Sciences**  
**Saurashtra University**  
**Rajkot - 360 005**

**Post graduate diploma in clinical Research**  
**(Semester-I and II) Examination**  
**General Rules**

**PGDCR R.1:**

A candidate for post graduate diploma in clinical research must possess the basic degree in science of this university or any other university recognized by the university (graduates from multidiscipline like MBBS / B.D.S / B.A.M.S / B.H.M.S /B. Pharmacy / BVSC/ M.Sc. / M.Pharm/ B.Sc. (Botany, zoology, chemistry, biochemistry, biotechnology, physics, biology, microbiology etc. /B. Physiotherapy etc) & have passed the post graduate diploma in clinical research after keeping terms as laid down, that is two semesters and have completed the courses as laid down in the relevant regulation.

There will be an entrance test and the admission will be based on the merit list prepared by combining 50 % of the entrance test and 50 % of the final year % of the relevant graduate degree.

Registration as post graduate diploma student is essential, within one month of the admission to the course. In the registration, candidate must specify the subjects & the paper of study for post graduate diploma in clinical research

**PGDCR R.2:**

Post graduate diploma in clinical research semester I and II examinations will be held at the end of each semester and remedial examination will be held during the middle in each semester.

**PGDCR R.3:**

Candidates for post graduate diploma in clinical research (semester-I and II) examination shall be examined after they have satisfactorily completed the prescribed courses of study & have kept the term in an institution recognized for the purpose under the recognized post graduate diploma teachers in prescribed subjects.

**PGDCR R.4:**

Regular records/test of theories, conducted at the recognized institution, imparting training for this course, shall be maintained for each student & 20% of the total marks for each subject in theory shall be allotted for these records/tests and min. 75 % of attendance is mandatory.

### **PGDCR R.5:**

The syllabus laid down for various paper of post graduate diploma in clinical research (semester-I and II) examination is attached separately at the end of the rules.

### **PGDCR R.6:**

No class shall be awarded to the successful candidate at the post graduate diploma in clinical research (semester-I) examination.

### **PGDCR R. 7**

The fees for the PGDCR will be Rs. 20000/- per semester (plus other university fees as per norms)

# Saurashtra University - RAJKOT

## Semester & Credit system for Various Subjects of PG Diploma in Clinical Research Course

### PGDCR Semester – I

Sr. No.	Type of Subject	Subject	Teaching Scheme		
			Theory Hours/week	Practical Hours/week	Credits
1	Interdisciplinary-I	Patent and Intellectual property rights	4	-	4
2	Interdisciplinary-II	Research Methodology	4	-	4
3	Core – I	Subject specialization – I <b>(Basics of Clinical Research)</b>	4	-	4
4	Core – II	Subject specialization – I <b>(Pharmacokinetics)</b>	4	-	4
5	Core – III	Subject specialization – III <b>(clinical trials: Design and regulations)</b>	4	-	4
6	Multidisciplinary	Elective	4	-	4
<b>Total Credits</b>					<b>24</b>

## PGDCR Semester – II

Sr. No.	Type of Subject	Subject	Teaching Scheme		
			Theory Hours/week	Practical Hours/week	Credits
1	Interdisciplinary-III	Biological evaluation of drugs	4	-	4
2	Core – IV	Subject specialization – III <b>(Bio-availability and Bio-equivalence (BA/BE) studies)</b>	4	-	4
3	Core – V	Subject specialization – IV <b>(Pharmacovigilance and Pharmacoepidemiology)</b>	4	-	4
4	Core - VI	Subject specialization – V <b>Dissertation</b>	-	24	12
<b>Total Credits</b>					<b>24</b>

**Total Credits: 48**

# Saurashtra University - Rajkot

## PGDCR Evaluation System

- The evaluation system will consist of a component of internal evaluation by the Department as well as final semester end examination conducted by the Saurashtra University. The former will carry a 20% weight and later 80% weight towards the total marks obtained by the student in a given subject.
- After adding the internal marks (maximum 20) with the marks secured by the student in the university examination (maximum 80), the marks will be converted to letter grade as per the following:

1. 85 - 100 marks	-	AA grade
2. 75 - 84 marks	-	AB grade
3. 65 - 74 marks	-	BB grade
4. 55 - 64 marks	-	BC grade
5. 45 - 54 marks	-	CC grade
6. 40-44 marks	-	DD grade
7. Less than 40	-	FF grade

- Student failing in examinations may take Remedial University Examination to be held during mid semester exam slots.
- At any point of time student can have maximum 2 backlogs/FF grade pending.
- The performance of a student during semester is indicated in grade card by “Semester Performance Index” or SPI, Which is calculated as follows:

Each letter grade (AA to FF) will have a corresponding grade point assigned as follow:

AA = 10

AB = 9

BB = 8

BC = 7

CC = 6

DD = 5

FF = 0

If C(i) is the credit of course I and the grade point secured by the student is G(i) in that course, the SPI is given by the formula

$$SPI = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

Where the sum is overall the 'n' courses taken during a semester. In the same way, the cumulative performance of the student is indicated by "Cumulative Performance Index (CPI)" which is calculated essentially by the same formula but the sum being over all the courses taken in the current semester as well as in the preceding semesters. However, in calculating the CPI, any fail grade which the student might have earned but has subsequently passed will be replaced by the passing grade in that subject. The SPI of the corresponding semester will, however, continue to reflect such failures and will not be recalculated.

Class and Distinction etc. will be awarded for the degree on the basis of cumulative performance index