

DEPARTMENT OF PHARMACOLOGY

INFRASTRUCTURE OF THE DEPARTMENT:

a. Department office details:

Department Office	
Department office	Available
Staff (Steno /Clerk)	Available
Computer and related office equipment	Available
Storage space for files	Available

Office Space for Teaching Faculty/residents	
Faculty	Available
Head of the Department	Available
Professors	Available
Associate Professors	Available
Assistant Professor	Available
Senior residents room	Available
PG room	Available

b. Seminar Room:

Space and facility : Adequate
 Internet facility : Available
 Audiovisual equipment details : LCD Monitor, Mike and other things available

c. List of Department specific laboratories with important Equipment:

Name of Laboratory	Size in square meter	List of important equipment available with total numbers
<u>Computer Assisted Laboratory</u>	210 Sq.mt	25 computers (SOFTWARE NAME) Subscribed for 3 years for Ex-Pharma Experimental Pharmacology – series- computer assisted Learning (CAL) software (Comprehensive Pack) & Experimental physiology(Ex-Physio) series- Computer Assisted (CAL) Software (Comprehensive Pack) - Bureau for Health and Education Status Upliftment (Constitutionally Entitled as Health- Education, Bureau) 55/20, Rajat path, Mansarovar,Jaipur Rajasthan Pin: 302020

<u>Clinical Pharmacology</u>	212 Sq.mt	Mannequins -12 (CLINICAL PHARMACOLOGY EQUIPMENTS) Critical Flicker Fusion Apparatus Choice Reaction Time Apparatus Hand Grip Dynamometer Hand Steadiness Tester B.P. instrument Stethoscope
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d. Departmental Museum:

Space	137 Sq.mt
Total number of Specimens	610 (Drug Samples) Samples arranged system wise in all Glass Cupboards 10 in number Number of catalogues of the samples available to the students :22
Total number of Chart/ Diagrams	List of charts, photograph and other exhibits and their arrangement 1. WHO Essential Drugs List : 10 2. Charts : 54 3. Scientists Photos, : 19 4. History of Medicine : 10 5. Adverse Drug Reaction Photos : 06 6. Sources of Drug Charts : 03 7. Drug Information Charts : 14

e. Total number of Laboratories and other facilities in the Department:

Nomenclature	Clinical Pharmacology	Clinical Pharmacy	Experimental Pharmacology	Research lab	Seminar Room	Demonstration rooms
Size (Area)	212 sq.mt	212 sq.mt	210 sq.mt	70 Sq.mt.	24 Sq.mt.	Demo 1 (70 Sq.mt) Demo 2 (24 Sq.mt)
Capacity	100	100	100	20	30	1) 75 2) 25
Water Supply	Yes	Yes	Yes	Yes	N/A	N/A
Sinks	Yes	Yes	Yes	Yes	N/A	N/A
Electric points	Yes	Yes	Yes	Yes	Yes	Yes
Cupboards*	Yes	Yes	Yes	Yes	Yes	N/A
Equipment List	Mannequin-12 Critical Flicker Fusion Apparatus Choice Reaction Time Apparatus Hand Grip Dynamometer Hand Steadiness Tester B.P. instrument Stethoscope	Mannequin-12	Computer -25 with Ex-Pharma Software	1. Digital Sherrington Recording Drum 2. Organ Bath 3. Digital Cook's Pole Climbing Apparatus 4. Digital Analgesimeter 5. Electro-Convulsimeter (Digital) 6. Electro-Convulsimeter (Manual) 7. Eddy's Hot Plate 8. Metabolic Cage (Rat & Mice) 9. Modified Plethysmograph 10. Kymograph 11. Photo Electric Colorimeter All Glass Distillation Apparatus	LCD with Screen	LCD with Screen

f. Animal House (Optional) /Animal Hold area

- a. CPCSEA Guidelines followed: Yes
- b. Animal Ethics Committee constituted: Yes
- c. Technology used to reduce animal experiments: Yes

g. Equipment:

Name of the Equipment	Numbers Available	Important Specifications in brief
Critical Flicker Fusion Apparatus (Must)	01	Useful for neuropsychopharmacology Assessment of CNS Activation with values
Choice Reaction Time Apparatus (Must)	01	it can measure both simple reaction time (SRT) and choice reaction time (CRT).
Hand Grip Dynamometer	01	allows an accurate measurement of hand strength

(Must)		
Hand Steadiness Tester (Optional)	01	This is a simple game where you have to get a loop of wire through a maze of other metal wires. If they touch, a buzzer emits a "buzz. "
ECG Machine (Can be shared with other departments)	01	Portable Standard ECG machines having 12-lead configurations, which provide 12 different views of the heart's electrical activity.
Stethoscope (Must)	01	Acoustic Stethoscope: Traditional model, a high-quality stethoscope with a broad range of sensitivity to capture both low and high-frequency sounds (usually ranging from 20 Hz to 20,000 Hz).
B.P. instrument (Must)	01	Mercury Sphygmomanometer: Traditional, highly accurate.
Weighing balance (Must)	01	Mechanical Weighing Balance: useful for weighing different chemicals.

Spectrophotometer (Can be shared with other departemnts)	01	specialized to measure either UV or Visible light wavelength absorbance values.
HPLC (High Performance Liquid Chromatography) (Can be shared with other departments)	01	Allows qualitative and quantitative analysis of what components and how much of each component are contained in the sample.
Analgesiometer	01	measure the analgesic effect of drugs on lab animals
Mammalian Heart perfusion assembly	01	Temperature of the bath is regulated (CONSTANT). Thermostatic sensitivity $\pm \frac{1}{2}^{\circ}$ C.
Physiograph / Data Acquisition System	01	consists of sensors, measuring instruments, and a computer
Cook's pole climbing apparatus/alternative	01	provides a electrical stimuli of 100uA - 2.8mA for duration controlled digitally.
Digital pH meter	01	provides a electrical stimuli of 100uA - 2.8mA for duration controlled digitally.
Electro convulsimeter	01	Precise control over current intensity.
Photoactometer	01	It is designed to study the spontaneous or induced or locomotors activity in small animals like mice or rats. In this apparatus, we have used the optica.
Rota rod	01	a device used to test the balance and motor coordination of rodents
Plethysmograph	01	a device that measures changes in volume in the body or an organ
Any other equipment	-	-

SERVICES:

i. Special diagnostic/ Pharmacy Store or other services being provided by the department (Provide details of services offered in the past 3 years)

ii. Is the Pharmacovigilance Committee constituted : Yes

If yes, number of meetings held in the past 3 years : 10

Minutes of the meetings verified by the Assessor : Yes

Number of Adverse Drug Reactions/Medical Device

Adverse Events reported in past one year : 17

Is the Institution an ADR Monitoring Centre/MDAE Monitoring Centre? **Yes -**