

PART - VI

1. Financial Resource allocation and utilization for the past three years: (Audited Accounts for previous year to be enclosed)

Sl	Expenditure in Rs. 2016-17			Expenditure in Rs. 2015-16			Expenditure in Rs. 2014-15			Remarks of the Inspectors*
No.	Total budget sanctioned	Recurring	Non Recurring	Total budget sanctioned	Recurring	Non Returning	Total budget sanctioned	Recurring	Non Returning	
	1500,000	1200,000	—	1500,000	12,00,000	—	1600,000	1450,000	50,000	

2. Total amount spent on chemicals and glassware for the past three years:

Sl	Expenditure in Rs. 2016-17			Expenditure in Rs. 2015-16			Expenditure in Rs. 2014-15			Remarks of the Inspectors*
No.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
Chemicals	450,000	453,000	453,000	Chemicals	500,000	483,000	Chemicals	650,000	600,000	
Glassware	200,000	190,000	190,000	Glassware	250,000	222,000	Glassware	300,000	280,000	

3. Total amount spent on equipments for the past three years: (Enclose purchase invoice)

Sl	Expenditure in Rs. 2016-17			Expenditure in Rs. 2015-16			Expenditure in Rs. 2014-15			Remarks of the Inspectors*
No.	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
Equipment	1,80,000	1,50,000	1,50,000	Equipment	200,000	155,000	Equipment	200,000	175,000	

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4. Total amount spent on Books and Journals for the past three years:

Sl No.	Expenditure in Rs. 2016-17			Expenditure in Rs. 2015-16			Expenditure in Rs. 2014-15			Remarks of the Inspectors*
	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	Total budget allocated	Sanctioned	Incurred	
1	Books	275000	215000	Books	280000	265000	Books	300000	280000	
2	Journals	500000	478000	Journals	500000	480000	Journals	600000	550000	

*Last three years including this academic year till the date of inspection

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PART VII - EQUIPMENT AND APPARATUS

Department wise list of minimum equipments required for B. Pharm (for a batch of 20 students)

DEPARTMENT OF PHARMACOLOGY

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscopes	20	30	Yes	
2	Haemocytometer with Micropipettes	20	30	Yes	
3	Sahli's haemocytometer	20	20	Yes	
4	Hutchinson's spirometer	01	01	Yes	
5	Sphygmomanometer	10	14	Yes	
6	Stethoscope	10	15	Yes	
7	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands One slide of each organ system	One pair. each. Available Nos.	Yes. Yes/No	Remarks of the Inspectors
8	Models for various organs	One model of each organ system	Each.	Yes	
9	Specimen for various organs and systems	One model for each organ system	-	-	
10	Skeleton and bones	One set of skeleton and one spare bone	01 each.	Yes	
11	Different Contraceptive Devices and Models	One set of each device	One set.	Yes	
12	Muscle electrodes	01	02	Yes	
13	Lucas moist chamber	01	02	Yes	
14	Myographic lever	01	02	Yes	
15	Stimulator	01	02	Yes	
16	Centrifuge	01	02	Yes	
17	Digital Balance	01	02	Yes	
18	Physical/Chemical Balance	01	03	Yes	
19	Sherrington's Kymograph Machine / Polyrite	10	15	Yes	

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20	Sherrington Drum	10	15	yes	
21	Perspex bath assembly (single unit)	10	15	yes	
22	Aerators	10	15	yes	
23	Computer with LCD	01	01	yes	
24	Software packages for experiment	01	01	yes	
25	Standard graphs of various drugs	Adequate number	Ad. Num.	yes	
26	Actophotometer	01	01	yes	
27	Rotarod	01	01	yes	
28	Pole climbing apparatus	01	01	yes	
29	Analgesiometer (Eddy's hot plate and radiant heat methods)	01	02	yes	
30	Convulsiometer	01	01	yes	
31	Plethysmograph	01	01	yes	
32	Digital pH meter	01	02	yes	

Apparatus:

Sl. No.	Name	Minimum required No.s	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Folin-Wu tubes	60	120	yes	
2	Dissection Tray and Boards	10	15	yes	
3	Haemostatic artery forceps	10	20	yes	
4	Hypodermic syringes and needles of size 15,24,26G	10	50	yes	
5	Levers, cannulae	20	30	yes	

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

DEPARTMENT OF PHARMACOGNOSY

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Microscope with stage micrometer	20	30	yes	
2	Digital Balance	02	03	yes	
3	Autoclave	02	03	yes	
4	Hot air oven	02	03	yes	

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5	B.O.D. incubator	01	01	yes	
6	Refrigerator	01	01	yes	
7	Laminar air flow	01	01	yes	
8	Colony counter	02	03	yes	
9	Zone reader	01	01	yes	
10	Digital pH meter	01	02	yes	
11	Sterility testing unit	01	01	yes	
12	Camera Lucida	20	30	yes	
13	Eye piece micrometer	20	30	yes	
14	Incinerator	01	01	yes	
15	Moisture balance	01	01	yes	
16	Heating mantle	20	30	yes	
17	Flourimeter	01	01	yes	
18	Vacuum pump	02	03	yes	
19	Micropipettes (Single and multi channeled)	05	10	yes	
20	Micro Centrifuge	01	01	yes	
21	Projection Microscope	01	02	yes	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Reflux flask with condenser	20	40	yes	
2	Water bath	20	30	yes	
3	Clavengers apparatus	10	15	yes	
4	Soxhlet apparatus	10	10	yes	
6	TLC chamber and sprayer	10	10	yes	
7	Distillation unit	01	01	yes	

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

Equipment:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Hot plates	05	08	yes	
2	Oven	03	04	yes	
3	Refrigerator	01	01	yes	

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4	Analytical Balances for demonstration	05	08	Yes	
5	Digital balance 10mg sensitivity	10	15	Yes	
6	Digital Balance (1mg sensitivity)	01	02	Yes	
7	Suction pumps	06	08	Yes	
8	Muffle Furnace	01	01	Yes	
9	Mechanical Stirrers	10	15	Yes	
10	Magnetic Stirrers with Thermostat	10	15	Yes	
11	Vacuum Pump	01	02	Yes	
12	Digital pH meter	01	02	Yes	
13	Microwave Oven	02	02	Yes	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Distillation Unit	02	03	Yes	
2	Reflux flask and condenser single necked	20	30	Yes	
3	Reflux flask and condenser double / triple necked	20	38	Yes	
4	Burettes	100	120	Yes	
5	Arsenic Limit Test Apparatus	25	30	Yes	
6	Nessler's Cylinders	50	70	Yes	

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DEPARTMENT OF PHARMACEUTICS

Equipment:

Sl. No.	Name	Minimum Required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Mechanical stirrers	20	25	Yes	
2	Homogenizer	10	15	Yes	
3	Digital balance	05	10	Yes	
4	Microscopes	10	15	Yes	
5	Stage and eye piece micrometers	15	20	Yes	
6	Brookfield's viscometer	01	01	Yes	
7	Tray dryer	01	01	Yes	
8	Ball mill	01	01	Yes	

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9	Sieve shaker with sieve set	01	01	Yes	
10	Double cone blender	01	01	Yes	
11	Propeller type mechanical agitator	05	08	Yes	
12	Autoclave	01	02	Yes	
13	Steam distillation still	01	01	Yes	
14	Vacuum Pump	01	02	Yes	
15	Standard sieves, sieve no. 8, 10, 12, 22, 24, 44, 66, 80	10 sets	15 set	Yes	
16	Tablet punching machine	01	01	Yes	
17	Capsule filling machine	01	01	Yes	
18	Ampoule washing machine	01	01	Yes	
19	Ampoule filling and sealing machine	01	01	Yes	
20	Tablet disintegration test apparatus IP	02	02	Yes	
21	Tablet dissolution test apparatus IP	01	02	Yes	
22	Monsanto's hardness tester	02	03	Yes	
23	Pfizer type hardness tester	01	02	Yes	
24	Friability test apparatus	01	02	Yes	
25	Clarity test apparatus	01	01	Yes	
26	Ointment filling machine	01	02	Yes	
27	Collapsible tube crimping machine	01	02	Yes	
28	Tablet coating pan	01	01	Yes	
29	Magnetic stirrer, 500ml and 1 liter capacity with speed control	05 EACH 10	17	Yes	
30	Digital pH meter	01	02	Yes	
31	All purpose equipment with all accessories	01	01	Yes	
32	Aseptic Cabinet	01	02	Yes	
33	BOD Incubator	02	02	Yes	
34	Bottle washing Machine	01	01	Yes	
35	Bottle Sealing Machine	01	01	Yes	
36	Bulk Density Apparatus	02	03	Yes	
37	Conical Percolator (glass/ copper/ stainless steel)	10	15	Yes	
38	Capsule Counter	02	03	Yes	
39	Energy meter	02	02	Yes	
40	Hot Plate	02	03	Yes	

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41	Humidity Control Oven	01	01	Yes	
42	Liquid Filling Machine	01	01	Yes	
43	Mechanical stirrer with speed regulator	02	20	Yes	
44	Precision Melting point Apparatus	01	02	Yes	
45	Distillation Unit	01	02	Yes	

Apparatus:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Ostwald's viscometer	20	40	Yes	
2	Stalagmometer	20	40	Yes	
3	Desiccator*	10	12	Yes	
4	Suppository moulds	20	27	Yes	
5	Buchner Funnels (Small, medium, large)	05 each	07 each	Yes	
6	Filtration assembly	01	02	Yes	
7	Permeability Cups	05	08	Yes	
8	Andreason's Pipette	05	06	Yes	
9	Lipstick moulds	10	15	Yes	

NOTE: Adequate number of glassware commonly used in the laboratory should be provided in each laboratory and department.

PHARMACEUTICAL BIOTECHNOLOGY

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Orbital shaker incubator	01	01	Yes	
2	Lyophilizer (Desirable)	01	—	—	
3	Gel Electrophoresis (Vertical and Horizontal)	01	01	Yes	
4	Phase contrast/Trinocular Microscope	01	01	Yes	
5	Refrigerated Centrifuge	01	01	Yes	
6	Fermenters of different capacity (Desirable)	01	—	—	
7	Tissue culture station	01	02	Yes	
8	Laminar airflow unit	01	01	Yes	

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9	Diagnostic kits to identify infectious agents	01	01	Yes	
10	Rheometer	01	01	Yes	
11	Viscometer	01	01	Yes	
12	Micropipettes (single and multi channeled)	01 each	02 each	Yes	
13	Sonicator	01	01	Yes	
14	Respinometer	01	01	Yes	
15	BOD Incubator	01	01	Yes	
16	Paper Electrophoresis Unit	01	01	Yes	
17	Micro Centrifuge	01	02	Yes	
18	Incubator water bath	01	01	Yes	
19	Autoclave	01	02	Yes	
20	Refrigerator	01	01	Yes	
21	Filtration Assembly	01	02	Yes	
22	Digital pH meter	01	02	Yes	

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CENTRAL INSTRUMENTATION ROOM:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working Yes / No	Remarks of the Inspectors
1	Colorimeter	01	01	Yes	
2	Digital pH meter	01	01	Yes	
3	UV- Visible Spectrophotometer	01	01	Yes	
4	Fluorimeter	01	01	Yes	
5	Digital Balance (1mg sensitivity)	01	01	Yes	
6	Nephelo Turbidity meter	01	01	Yes	
7	Flame Photometer	01	01	Yes	
8	Potentiometer	01	01	Yes	
9	Conductivity meter	01	01	Yes	
10	Fourier Transform Infra Red Spectrometer (Desirable)	01	—	—	
11	HPLC	01	01	Yes	
12	HPTLC (Desirable)	01	—	—	

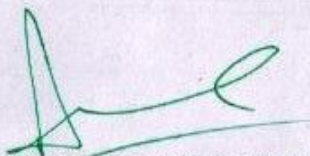
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13	Atomic Absorption and Emission spectrophotometer (Desirable)	01	1	1	
14	Biochemistry Analyzer (Desirable)	01	1	1	
15	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	01	1	1	
16	Deep Freezer (Desirable)	01	1	1	
17	Ion- Exchanger	01	01	15	
18	Lyophilizer (Desirable)	01	1	1	



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