

**LIST OF EQUIPMENTS AVAILABLE AT CONSTITUENT COLLEGES OF
JSS UNIVERSITY WORTH MORE THAN 1 LAKH**

JSS COLLEGE OF PHARMACY, OOTY

JSSCPO	PHARMACEUTICS (Pg. 57)				
1	HPLC with PDA Detector (Shimadzu) Under NAFETIC project	03/11/08	1,327,625	1,327,625	1
2	Controllincubation Shaker 230 (Under NAFETIC Project)	22/01/09	466,875	466,875	1
3	UV-VIS Spectrophotometer	03/10/06	117,994	117,994	1
4	Mini Press-I Tablet Machine under MODROBS project	26/08/00	506,459	506,459	1
5	Kalweka All Purpose equipments under MODROBS project	26/08/00	548,886	548,886	
	a) Vertical drive main				1
	b) Coating pan				1
	c) Cube Mixer				1
	d) Homogenizer				1
	e) Wet granulator				1
6	f) Tripple roller mill				1
	Dissolution test apparatus with accessories TDT 6L Electro lab	02/12/98	176,696	176,696	1
	a) Fraction Collector				1
	b) Auto Sampler				1
7	Blister Packing Machine	14/6/03	365,000	365,000	1
8	Dissolution test apparatus TDT -8 L	17/07/05	160,385	160,385	1
9	Extruder -65 with variator	13/05/03	400,000	400,000	1
10	Brookfield Viscometer	14/05/03	331,999	331,999	1
11	Fluidized Bed Dryer (Not installed due to Air compressor capacity not sufficient)	10/05/05	750,000	750,000	1
12	Tablet Punching Machine-16 station	10/05/05	263,396	263,396	1
	Total		5,415,315	5,415,315	
JSSCPO	PHARMACOLOGY (Pg. 48)				
13	Plethysmometer (Digital)	15/07/03	313,000	313,000	1
14	Auto analyzer	28/08/98	225,000	225,000	1

15	Automatic Tissue processor	1998	105,000	105,000	1
16	Automatic staining machine	1998	100,000	100,000	1
17	Rotary Microtome(Leica)	01/04/03	375,000	375,000	1
18	IR Actimeter	17/06/07	558,000	558,000	1
19	Incapacitance meter	20/09/07	335,000	335,000	1
20	Motic Microscope	09/06/08	123,000	123,000	1
21	Invasive NIBP apparatus with accessories	17/09/09	550,000	550,000	1
	Total		2,684,000	2,684,000	
JSSCPO	PHARMACEUTICAL CHEMISTRY (Pg. 61)				
22	Silicon graphics work station	2001	959,000	959,000	1
23	Digital melting point apparatus	2000	105,000	105,000	1
24	Rotary vacuum evaporator (205)	2004	282,000	282,000	1
25	Micro wave oven (Catalyst)	2008	110,000	110,000	1
	Total		1,456,000	1,456,000	
JSSCPO	PHYTOPHARMACY & PHYTOMEDICINE (Pg. 42)				
26	Spray Dryer	01/11/01	576,000	576,000	1
27	Herbal Extraction Unit	16/04/02	1,627,560	1,627,560	1
28	HPLC System with Computer	16/04/02	1,356,774	1,356,774	1
29	Cell Analyser 530-16	31/10/03	420,000	420,000	1
30	Moister Analyser (Balance) Model M 45 Q	24/05/05	130,000	130,000	1
31	UV Spectro Photometer with Computer	Sep-05	647,255	647,255	1
32	Digital Microscope	June-05	145,000	145,000	1
33	Powerlab 2/25 – 2 Channel & Rectal Temperature Probe	10/08/05	277,092	277,092	1
34	Motic Digital Microscope	31/05/05	145,000	145,000	1
35	Power Lab – 2/25	10/08/05	277,092	277,092	1
36	Gas Chromatography Nucon-5700 computer	29/09/98	250,000	250,000	1
37	HPTLC.CAMAG a)Scanner-3, b)Linomat IV, c)UV Chamber, d)Computer	31/01/00	2,090,000	2,090,000	1
38	Rotary Vacuum Evaporator BUCHI- 23211-VIII Vacuum Pump V-700	Mar-09	365,000	365,000	1
39	Lab Top Computer With Printer	26/06/03	132,000	132,000	1

	Total		8,438,773	8,438,773	
JSSCPO	PHARMACEUTICAL ANALYSIS (Pg. 59)				
40	Waters Breeze UV Detector HPLC	25/04/02	799,843	799,843	1
41	Atomic Absorption Spectrophotometer (AAS) AA – 6300	8/2/2008	1,293,750	1,293,750	1
42	FT – IR Spectrophotometer 8400S	8/2/2008	928,125	928,125	1
43	UV – Spectrophotometer – 1700	8/2/2008	450,000	450,000	1
44	Digital Balance R 200D	16/09/92	112,000	112,000	1
45	Digesdhal Apparatus	3/3/2008	110,370	110,370	1
46	UPS (5 kv)	17/12/06	150,000	150,000	1
47	UPS (5 kv)	19/06/08	114,000	114,000	1
	Total		3,958,088	3,958,088	
JSSCPO	PHARMACY PRACTICE (Pg. 43)				
48	HPLC	18/08/03	800,000	800,000	1
49	UPS 10Kv	01/03/04	127,000	127,000	1
50	Micro Fisher Printer Reader	22/12/98	From JSSCP, Mysore		1
	Total		927,000	927,000	
JSSCPO	LIBRARY & INFORMATION CENTRE/COMPUTER LAB. (Pg. 44)				
51	Ricoh Aficio Xerox Machine	31/01/05	143,440	143,440	1
52	6KVA PWN UPS	08/07/06	102,000	102,000	1
	Total		245,440	245,440	
JSSCPO	OFFICE (Pg. 45)				
53	EPBX System	19/01/01	388,782	388,782	1
54	LCD Projects	25/08/03	154,000	154,000	1
55	UPS System 10 KVA	08/07/06	145,000	145,000	1
	Total		687,782	687,782	
JSSCPO	PHARMACOGNACY (Pg. 38)				
56	Freez Drier CHIRST –Alpha1-2	30/07/01	622,000	622,000	1
57	Digital Microscope MOTIC –DMWB1-223	13/12/07	123,000	123,000	1
	Total		745,000	745,000	
JSSCPO	PHARMACEUTICAL BIOTECHNOLOGY (Pg. 53)				
58	Centrifuge cooling (Remi) - 20 degree C	23/03/94	120,000	120,000	1

59	Camera with phase contrast accessories (a) Simple illuminator (b) Kohler illuminator	02/03/94	110,000	110,000	1
60	Deep Freezer (-70 degree C) [Krisp cold]	24/08/95	176,413	176,413	1
61	Incubator (Large)	07/07/89	103,000	103,000	1
62	Co2 - Incubator [NAPCO 5400] Napco USA	23/03/97	345,000	345,000	1
63	Hot air oven (Large)	07/07/89	107,000	107,000	1
64	Laminar air flow systems (a) Vertical {Klenzoids} (b)	31/10/95	200,000	200,000	1
	Horizontal {Klenzoids}	31/10/95	103,000	103,000	1
	c) Vertical class II type A/B3 (marck)	18/08/01	94,000	94,000	1
65	Microscope phase contrast [nonocular] accessories	02/03/94	180,000	180,000	1
66	Fluorescent microscope (Hund Germany)	2003	451,000	451,000	1
67	Inverted Tissue culture microscope	2001	945,000	945,000	1
68	Millipore pressure filter	28/11/95	112,000	112,000	1
69	Transilluminator for PAGE system	17/11/98	100,000	100,000	1
70	Elisa reader (BIORAD)	05/08/99	210,000	210,000	1
71	Fermenter (Murophye) with accessories and computer	27/07/01	825,000	825,000	1
72	Sonicator (Sarticator)	20/02/03	265,000	265,000	1
73	Gel documentation system (digidoc 2000) (Alfa Innotech corporation with digital camera)	28/01/03	354,000	354,000	1
74	PCR Personal (Eppendor)	24/01/03	250,000	250,000	1
75	DNA Sequencer (genei Bangalore)	01/08/03	200,000	200,000	1
76	Incubator Shaker (Sigencics)	08/11/06	137,000	137,000	1
77	Millipore - Elix 10	08/06/05	325,000	325,000	1
78	Millipore - Direct Q3	06/06/08	175,000	175,000	1
79	Bio mate - 5 (Merck)	16/03/06	380,000	380,000	1
80	HPLC System model: LC-20AT	2008	860,000	860,000	1
	Total		7,127,413	7,127,413	
JSSCPO	Grand Total		31,684,811	31,684,811	