


Schedule -II (FOR PG)
Minimum required facilities for Central Research Laboratory

Phytochemical test facility	Available / Not Available	Deficiency
1. Qualitative		
1.Organic tests	MOU Available	
2.Inorganic tests	MOU Available	
3.Fluorescence analysis of powders	MOU Available	
4.Chromatography		
i. TLC (Thin Layer Chromatography)	Available	
ii. NPST (Namboori Phased Spot Test)	MOU Available	
iii. Column Chromatography	MOU Available	
2. Pharmacognostic		
(a) Authentication	MOU Available	
(b) Macroscopic	MOU Available	
(c) Section microscopy	MOU Available	
(d) Powder microscopy	MOU Available	
(e) Microtome section	MOU Available	
(f) Multiple staining and permanent slide preparation	MOU Available	
(g) Digital microscopy	MOU Available	
(h) Quantitative microscopy (Stomata number, Stomatal Index, Palisade number, Vein islet number)	MOU Available	
3. Microbiological		
(a) Microbial limits	MOU Available	
i. Total bacterial count	MOU Available	
ii. Total Fungal count	MOU Available	
iii. Tests for specific pathogens	MOU Available	
(b)Antimicrobial study (Cup Plate method, MIC and MBC)	MOU Available	
i. Antibacterial	MOU Available	
ii. Antifungal	MOU Available	
(c) Microbial culture	MOU Available	
i. Water	MOU Available	
ii. Clinical Swab	MOU Available	
4. Invitro Studies:		
(a) Antioxidant	MOU Available	
(b) Immunomodulatory	MOU Available	
(c) Antimicrobial	MOU Available	
Quantitative		
1. Flame photometry - Calcium, Sodium, Potassium,	Available	
2. UV - Spectrophotometry	Available	
(a) Phenols, Flavonoids, Carbohydrate, Proteins, Sugar, Iron etc		


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Reader

SR NO.	DEPARTMENT	TEACHERS NAME	
1	Samhita Siddhant	Dr.Kshama Dorle ✓	Dr.Anand Tekade ✓
2	Rachana Sharir	Dr.Mrunal Dange ✓	Dr.Pallavi Pawar
3	Kriya Sharir	Dr.Rupali Kude ✓	
4	Dravyaguna	Dr.Pravina Daf ✓	
5	Ras Shastra	Dr.Tejaswini Dehankar ✓	
6	Swasthvrutta	Dr.Omprakash Gulhane ✓	Dr.Sharayu Dingalwar ✓
7	Agadtantra		
8	Kaychikitsa	Dr.Nayan Deshmukh ✓	Dr.Ummed Raut ✓
9	Balrog	Dr.Navin Kuraskar ✓	Dr.Avinash Karambhe ✓
10	Shalyatantra	Dr.Sharad Tripathi ✓	
11	Shalakyatantra	Dr.Sandeep Rajak ✓	Dr.SuprabhaTayade ✓
12	Panchkarma		
13	Rognidan		
14	Prasutitantra	Dr.Rajshree Shelare ✓ Raut.	Dr.Sphurti More ✓