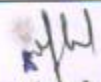


Schedule XXXII (Only for PG Institute)
Minimum required facilities for Central Research Laboratory

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


Principal

Dhanwantari Ayurved Medical
College Udgir Dist.Latur - 413517

Signature of Member

Signature of Member

Signature of Chairman