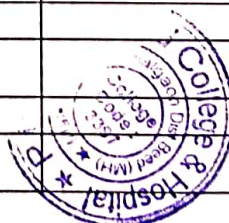


Schedule XXXII (Only for PG Institute)
Minimum required facilities for Central Research Laboratory

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



Principal
Pa.Pu.Gurumauli Annasaheb More
Ayurved College, Malipargaon
Tq. Majalgaon Dist. Beed (MH)

Signature of Member

Signature of Member

Signature of Chairman