

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

Phytochemical test facility		Available / Not Available	Deficiency
1.	Qualitative		As per MSR 2016 minimum required facilities for Central Research Library for PG Institutes is fulfilled. The time given for the fulfillment of this requirements as per MSE 2024 at present not applicable.
	1.Organic tests	Available	
	2.In organic tests	Available	
	3. Fluorescence analysis of powders	Available	
	4.Chromatography	Available	
	i.TLC (Thin Layer Chromatography)	Available	
	ii.NPST (Namboori Phased Spot Test)	NA	
	iii.Column Chromatography	NA	
2.	Pharmacognostic		
	(a) Authentication	Available	
	(b) Macroscopic	Available	
	(c) Section microscopy	Available	
	(d) Powder microscopy	Available	
	(e) Microtome section	NA	
	(f) Multi plestaining and permanent slide preparation	Available	
	(g) Digital microscopy	NA	
	(h) Quantitative microscopy (Stomata number, Stomatal Index, Palisade number, Veinislet number)	Available	
3.	Microbiological		
	(a) Microbial limits	NA	
	i.Total bacterial count	NA	
	ii.Total Fungal count	NA	
	iii.Tests for specific pathogens	NA	
	(b) Anti microbial study (Cup Platemethod, MIC and MBC)	NA	
	i. Anti bacterial	NA	
	ii. Anti fungal	NA	
	(c) Microbial culture	NA	
	i.Water	NA	
	ii.Clinical Swab	NA	
4.	Invitro Studies:	NA	
	(a) Anti oxidant	NA	
	(b) Immuno modulatory	NA	
	(b) Anti microbial	NA	
Quantitative			
1.	Flame photometry Calcium, Sodium, Potassium,	NA	
2.	UV Spectrophotometry	NA	
	(a) Phenols, Flavonoids, Carbohydrate, Proteins, Sugar, Iron etc	NA	

Adarsh
12/02/25
Signature of Member

Pranav
12/02/25
Signature of Member

Pranav
12.2.25-
Signature of Chairman