

**AYURVIDYA PRASARAK MANDAL'S AYURVEDA MAHAVIDYALAY AND
SETH R. V. AYURVED HOSPITAL, SION, MUMBAI-400089.**

**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	Not Available	
	2.Inorganic tests	Available	0
	3.Fluorescence analysis of powders	Available	1
	4.Chromatography		
	i. TLC (Thin Layer Chromatography)	Available	0
	ii. NPST (Namboori Phased Spot Test)	Not Available	1
	iii. Column Chromatography	Not Available	1
2.	Pharmacognostic		
	(a) Authentication	Available	0
	(b) Macroscopic	Available	0
	(c) Section microscopy	Available	0
	(d) Powder microscopy	Available	0
	(e) Microtome section	Not Available	1
	(f) Multiple staining and permanent slide preparation	Available	0
	(g) Digital microscopy	Available	0
	(h) Quantitative microscopy (Stomata number, Stomatal Index, Palisade number, Vein islet number)	Available	0
3.	Microbiological		
	(a) Microbial limits		
	i. Total bacterial count	Not Available	1
	ii. Total Fungal count	Not Available	1
	iii. Tests for specific pathogens	Not Available	1
	(b)Antimicrobial study (Cup Plate method, MIC and MBC)		
	i. Antibacterial	Not Available	1
	ii. Antifungal	Not Available	1
	(c) Microbial culture		
	i. Water	Not Available	1
	ii. Clinical Swab	Not Available	1
4.	Invitro Studies:		
	(a) Antioxidant	Not Available	1
	(b) Immunomodulatory	Not Available	1
	(c) Antimicrobial	Not Available	1
	Quantitative		
1.	Flame photometry Calcium, Sodium, Potassium,	Available	0
2.	UV Spectrophotometry	Available	0
	(a) Phenols, Flavonoids, Carbohydrate, Proteins, Sugar, Iron etc	Available	0


Incharge Principal
 Ayurved Mahavidyalaya
 Near Sion Railway Station
 Sion, Mumbai - 400 022.

Signature of Member

Signature of Member

Signature of Chairman

