

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

	Phytochemical test facility	Available / Not Available	Deficiency
1	Qualitative		
	1.Organic tests	Available	NO
	2.Inorganic tests	Available	NO
	3.Fluorescence analysis of powders	Available	NO
	4.Chromatography	Available	NO
	i. TLC (Thin Layer Chromatography)	Available	NO
	ii. NPST (Namboori Phased Spot Test)	Available	NO
	iii. Column Chromatography	Available	NO
2	Pharmacognostic		
	(a) Authentication	Available	NO
	(b) Macroscopic	Available	NO
	(c) Section microscopy	Available	NO
	(d) Powder microscopy	Available	NO
	(e) Microtome section	Available	NO
	(f) Multiple staining and permanent slide preparation	Available	NO
	(g) Digital microscopy	Available	NO
	(h) Quantitative microscopy (Stomata number, Stomatal Index, Palisade number, Vein islet number)	Available	NO
3	Microbiological		
	(a) Microbial limits	Available	NO
	i. Total bacterial count	Available	NO
	ii. Total Fungal count	Available	NO
	iii. Tests for specific pathogens	Available	NO
	(b)Antimicrobial study (Cup Plate method, MIC and MBC)	Available	NO
	i. Antibacterial	Available	NO
	ii. Antifungal	Available	NO
	(c) Microbial culture	Available	NO
	i. Water	Available	NO
	ii. Clinical Swab	Available	NO
4	Invitro Studies:		
	(a) Antioxidant	Available	NO
	(b) Immunomodulatory	Available	NO
	(c) Antimicrobial	Available	NO
	Quantitative		
1	Flame photometry – Calcium, Sodium, Potassium,	Available	NO
2	UV – Spectrophotometry	Available	NO
	(a) Phenols, Flavonoids, Carbohydrate, Proteins, Sugar, Iron etc	Available	NO



Bhawalya
Principal
Ayurved College
Shevgaon, Dist. A'Naga'

Signature of Member

Signature of Member

Signature of Chairman