

BIDHANNAGAR COLLEGE

LIST OF INSTRUMENTS TO BE PURCHASED FROM RUSA GRANT FOR 2018-19

Department	Equipment	Specification/Make
Anthropology	DIGITAL SKINFOLD CALIPER	HARPENDEN/SKYINDEX MADE
	HALOGEN BINOCULAR MICROSCOPE	OLYMPUS MADE
	CENTRIFUGE MACHINE	REMI CLINICAL
	CUBIC CRANIOPHORE	BRSS MADE
	TUBULAR CRANIOPHORE	BRASS MADE
	HORIZONTAL NEEDLE	BRASS AMDE
	GEOLOGICAL SOIL TESTING SIEVE	BRASS MADE
	MUNSELL SOIL COLOUR CHART	MUNSELL MADE
	MARTIN'S SLIDING CALIPER	HINDUSTAN MINERALS MADE
	MARTIN'S SPREADING CALIPER	HINDUSTAN MINERALS MADE
	GPS	Garmin GPS MAP 64S
	Clinometer Compass	Ueasy Made
	PELVIMETER	HINDUSTAN MINERAL MADE
Botany	Trinocular Research Microscope	Dewinter "Crown" with 5Mpixel camera attachment, Camera – DG1510, Model XL, With measurement Software, Illuminator – 3W super bright white light LED
	Digital Balance	ADAIR DUTT 10 mg – 100g 0.01 g difference
Chemistry	Colorimeter	Systronics – visible spectro 105
	Visible spectrophotometer	Range 325nm – 1000nm, Intech, Model: LI-722
	Polarimeter	Research type, Make Labotech
	pH meter with electrode	Systronics, type 335
	Digital Potentiometer	Microprocessor based Equiptronics, Model EQ 601
	Digital Conductivity meter with cell	Systronics type 304
	MilliQ water purification system	
	Refrigerator single door	Whirlpool capacity 190 Ltrs
	Refrigerator double door	Whirlpool capacity 257 Ltrs
	Digital photocopier,	SHARP AR-6020D (with platen cover)
Microbiology	Fermenter	Biotron (3L capacity) Model: Biotron
	accessories for Fermenter	Biotron

	Gel Documentation Unit	Vilber Lourmat – E-Box CX5/TS – 20M with touch screen display, ultra sensitive imaging with motorized zoom lens and back illuminated sensor technology, 5 megapixel sensor,
Physics	Cathod Ray Oscilloscope	Dual Trace, SM-410 Make Systronics
Zoology	Microscope	M/s Carl Zeiss (Microscopy GmbH) – Germany), Upright Trinocular Research Microscope with transmitted light Bright Field, Dark Field, Phase Contrast, Model: “Axo Scope A1”
	Photography system & Fluorescence attachment for microscope	Carl Zeiss microscopy Color CCD Camera Axio Cam ICc1 Rev.2 (O),1.4 MP colour resolution, Pixel Size 4.65 um x 4.65 um, Zeiss Zen lite image analysis software with module for interactive measurements add-channel Fluorescence image merge facility
	UV Transilluminator	Vilber Lourmat TCP – 20LM 365/312nm UV table 20 X 20 cm,
	Hot Air Oven	S. B. Scientific Company Size: 12”x12”x12” double walled, range 250 °C ± 1°C
	Minus 20 degree Chamber	S. B. Scientific Company – vertical upright model capacity – 270 ltrs,
	Microwave oven	Capacity 20 Ltrs
	Horizontal Gel Electrophoresis Apparatus	Easy casting tray; 2 sets of combs
		a) 11 teeth of 2x4mm
		b) 8 teeth of 2x6mm
		Platinum wire electrodes(inbuilt); patch cord set; easy view acrylic body; size of Gel:100x65x3mm
Make: Equiptronics, Model: EQ-760		
Zoology	ELSIA plate reader	Neuprocell, ELIDA reader and washer, end point kinetics, multiwave analysis, wave length 405,450,492,630 nm.
Zoology	Vertical Autoclave	Double walled, Thick stainless steel construction. 10PSI to 20PSI adjustable pressure. Lid made out of
		thick jointless steel plate or gunmetal and can be sealed by a jointless neoprene rubber gasket by wing nuts through hinged bolts by engaging slotted lugs on rim of the cover. With standard accessories.