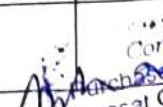


**Barasat Government College
Department of Zoology**

Proposal for purchase of Instruments/Equipments (F.Y. 2021-22)

The following instruments/equipments are required for smooth running of UG & PG (CBCS) courses

Sl. No.	Item Name	Specification	Quantity required		
1.	Kjeldahl Nitrogen Analyzer, Distillation & Digestion Unit	Make : YOMA; Model : KDTDG-6S	1		
2.	Western Blot	Make : BIORAD Model : TRANS-BLOT TURBO 120-240V CAT NO 1704150	1		
3.	Ultra Pure Water Purification System	Make : SARTORIUS Model : ARIUM MINI PLUS [Type 3 and ASTM Type 1 Integrated System]	1		
4.	Microtome [Operation: Fully Automatic]	Make : MEDIMEAS Model : MRM-AT	1		
5.	Microscope Stereo Instavision	Make : DE TECH Model : SM1 Eyepiece : Paired WF 10X, Sliding Objective : 2X & 4X Total magnification 20X & 40X Optional : Horse shoe legs	6		
6.	Stereo Zoom Trinocular Microscope	INSTA SZE Make : Imported Model: INSTAVISION SZE Specifications Optical System: Greenough Zoom Ratio : 1:6.4 Magnification range: 7X to 45X contineous Working distance : 110 mm Eye piece : 10X paired with 20 mm Field of view Illumination : LED. 3.3Watts. Incident & Transmitted with light intensity control LED life: 25000 hrs	1		
7.	Simple Dissecting Microscope	Equipped with joint revolving arm for moving the magnifying lens over the stage, with brass fitting round base & 2 Eye-piece 10x & 20x (Matte Black)	20		
8.	LED Light	(Insta -LED)	11		
9.	Field Binocular	Make : Olympus 8-16x40 Zoom Binocular)	5		
10.	Contactless Automatic Hand Sanitizer Machine	Capacity : 1.5lt tank Make : DETECH	2		
		Capacity : 5 lt. tank Make : DETECH	1		
11.	Spray Gun for Sterilization	1200W, 260ml water bottle capacity Make : DETECH	2		
12.	Infrared Thermometer	Make : DETECH	1		
13.	Hands Free Soap Dispenser	Make : DETECH	2		


 Controller
 Purchase Committee
 Barasat Govt. College
 Barasat Govt. College

14.	Aquaguard Water Purifier	With RO+UV+ Copper Maxx, Black Make : EUREKA FORBES	1		
15.	Projector (Portable) with screen	Make : EPSON	3		
16.	Desktop + UPS	Make: LENOVO / HP / DELL) Specification: All in one. Core i5 processor, 4GB RAM, Hard Disk- 1 TB, 500GB HDD, USB 3.0 port, 19" LCD Monitor, Mouse, Keyboard UPS: i) APC or Equivalent (650 VA, 15 to 20 Mints. Backup) ii) Branded (1-KVA, 2-hour backup) with Dry Battery (Min. 72 Amp.)	2 set		
17.	Laptop	Make : HP Pavilion x360 (2021), 14 inch FHD Touchscreen, 11 th Gen Core i3, 8GB RAM, +256GB SSD, 2-in-1 Convertible, Windows 10, MS Office, Finger Print Reader(14-dw1036TU)	2		
18.	Laser Jet Printer	Make : HP 1020 Plus Black & White laser printer uses toner cartridge	1		
19.	Photocopier Machine	Make: CANON Model no. iR 2006 N; Copy speed 20ppm, Toner yield : approx 10,200 sheets, Drum yield : approx. 63,700 sheets, Duplex Unit, Max Paper Cassette 2x250 sheets, Network print, WiFi	1		
20.	1TB External Hard Disk	Make : SEAGATE (1 Tb)	1		
21.					
22.	Microphone with speaker	Bluetooth compatible speaker	2		

[N.B. Any equivalent instrument make company with ISO 9001: 2008, 2015 certified company.]

S. Saha.

M. Saha
 Member
 Purchase Committee
 Barasat Govt. College

Sumana Saha

HOD
 Department of Zoology

A. Chatterjee

Principal
 Ramsar Govt College

Department of Physics
GOVERNMENT OF WEST BENGAL

Budgetary offer For Department of Physics

Sl No	Item description	Brand
1	Function/ Arbitrary waveform Generator (50MHz)	
2	DSO (70MHz)- 70MHz with 1G/S Sampling Rate ,Dual Channel with 2 nos of 10X Probe & software	
3	Function Generator (2MHz) with Sine, Square, Triangle Waveform with output Amplitude of 20Vp-p, Output Attenuation of 20dB and 40dB	
4	Function Generator (2MHz)	
5	Regulated power supply Expt. Kit with Pass transistor and zener diode (Inbuilt bridge rectifier, Varying A.C.)	
6	Expt setup to design an Amplitude Modulator using Transistor Technical Specification DC Supply : 12V/100mA, Carrier Generator : 1MHz Resistor:10K Ω -2nos,33K Ω ,22K Ω ,100K Ω ,10 Ω , Capacitor : 2.2 μ F,10 μ F,0.01 μ F, Transistor : BF-195-2nos, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz Optional : Cathode Ray Oscilloscope & Signal Generator	
7	Expt setup to study envelope detector for demodulation of AM signal Apperatus to study envelope detector for demodulation of AM signal Technical Specification DC Supply : 12V/100mA Carrier Generator : 1MHz Resistor:10K Ω -2nos,33K Ω ,22K Ω ,100K Ω ,10 Ω Capacitor : 2.2 μ F,10 μ F,0.01 μ F Transistor : BF-195-2nos Front panel built with high class insulated sheet Circuit & Symbol diagram printed on front panel Mains Power :230V/50Hz Optional Cathode Ray Oscilloscope Signal Generator	
8	Expt setup to study FM - Generator and Detector circuit are studied using this trainer. +/-12V/350 mA DC Power Supply. Carrier Generator 75 KHz. Modulating signal Generator 10 KHz. Frequency Modulator & Demodulator. Housed in an attractive cabinet with cover. Set of Patch Chords & Manual.	
9	Expt setup to study AM Transmitter and Receiver. Technical Specification DC Supply : 12V/100mA Carrier Generator : 1MHz Resistor:10K Ω -2nos,33K Ω ,22K Ω ,100K Ω ,10 Ω Capacitor : 2.2 μ F,10 μ F,0.01 μ F Transistor : BF-195-2nos Front panel built with high class insulated sheet Circuit & Symbol diagram printed on front panel Mains Power :230V/50Hz Optional Cathode Ray Oscilloscope Signal Generator	

10	<p>Expt setup to study FM Transmitter and Receiver</p> <p>Technical Specification +/-12V/350 mA DC Power Supply. Carrier Generator 75 KHz. Modulating signal Generator 10 KHz. Frequency Modulator & Demodulator. Housed in an attractive cabinet with cover. Set of Patch Chords & Manual.</p>	
11	<p>Expt setup to study Time Division Multiplexing (TDM)</p> <p>Onboard sine wave generator, generating frequencies of 500Hz, 1KHz with variable amplitude. No parity, Even, Odd, Hamming parity selection. Two modes of operation Fast mode : For real time operation. Slow mode : For examine data & control signals. LED's are provided to examine data & control signals. Pseudo random code generation. In-built power supply.</p>	
12	<p>Expt setup to study Pulse Amplitude Modulation (PAM/ PPM & PWM)</p> <p>Technical Specification: DC Supply : +5V,+12V & -12V (Fixed),Frequency Sine wave : 1Hz – 30Hz Variable, Amplitude Sine wave : 0-2Vpp, Fixed Frequency : 500Hz & 1KHz, Frequency Amplitude : 0- 4Vpp, Sampling Clock : 8KHz & 16KHz, Pulse Amplitude Clock Frequency : 8KHz & 16KHz Interconnection:2mm patch cord, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz Optional-Cathode Ray Oscilloscope</p>	
13	<p>Expt setup to study ASK modulators & demodulator</p> <p>Technical Specification: DC Supply : +12V,-12V,+5V & GND, On Board 8bit Variable Data Generator Crystal Oscillator :32.768MHz,Data Clock : 256KHz Data Format : NRZ (L),On Board Carrier : 1MHz (0°),1MHz (180°),Wave : 500 (0°),Carrier Modulation : ASK Interconnection:2mm patch cord,Front panel built with high class insulated sheet,Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz</p>	
14	<p>Expt setup to study PSK modulators & Demodulator</p> <p>Technical Specification: DC Supply : +12V,-12V,+5V & GND,On Board 8bit Variable Data Generator Crystal Oscillator :32.768MHz,Data Clock : 256KHz Data Format : NRZ (L),On Board Carrier : 1MHz (0°),1MHz (180°),Wave : 500 (0°),Carrier Modulation : PSK Interconnection:2mm patch cord,Front panel built with high class insulated sheet,Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz Optional-Cathode Ray Oscilloscope</p>	
15	<p>Expt setup to study FSK Modulators & Demodulator</p> <p>Technical Specification:DC Supply : +12V,-12V,+5V & GND,On Board 8bit Variable Data Generator Crystal Oscillator :32.768MHz,Data Clock : 256KHz Data Format : NRZ (L),On Board Carrier : 1MHz (0°),1MHz (180°),Wave : 500 (0°),Carrier Modulation : FSK, Interconnection:2mm patch cord,Front panel built with high class insulated sheet,Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz Optional-Cathode Ray Oscilloscope</p>	
16	<p>Expt setup for Half Adder, Full Adder and 4-bit binary Adder</p> <p>Technical Specification :DC Supply :+5V/250mA (Fixed) ,Data Switch : 0-5V-8nos, LED Indication : 8nos, Quad 4 IC7486 : 3nos, Quad 4 IC7404 : 2nos,Quad 4 IC7432 : 1no, Quad 4 IC7483: 1no</p>	

	<p>Expt setup to design an astable multivibrator of given specifications using 555 Timer <u>Technical Specification</u> :DC Supply : 5V, IC : NE555, Led Indicator : 2nos, Resistor : 100KΩ-2nos, 10KΩ-2nos, 1KΩ, Capacitor : 1μF, 0.1μF-2nos, 0.01μF-2nos, 10μF, Variable Resistor : 5KΩ</p>	
18	<p>Expt setup to design a monostable multivibrator of given specifications using 555 Timer <u>Technical Specification</u> :DC Supply : 5V, IC : NE555, Led Indicator : 2nos, Resistor : 100KΩ-2nos, 10KΩ-2nos, 1KΩ, Capacitor : 1μF, 0.1μF-2nos, 0.01μF-2nos, 10μF, Variable Resistor : 5KΩ</p>	
19	<p>Expt setup for Half Subtractor, Full Subtractor, Adder-Subtractor using Full Adder I.C. <u>Technical Specification</u> :DC Supply : +5V/250mA (Fixed), Data Switch : 0-5V-8nos, LED Indication : 8nos, Quad 4 IC7846 : 3nos, Quad 4 IC7404 : 2nos, Quad 4 IC7432 : 1no, Quad 4 IC7483 : 1no</p>	
20	<p>Expt setup to study V-I characteristics of PN junction diode and Light emitting diode (LED) (using both current and voltage source). <u>Technical Specification</u> Variable DC supply: 0-3V & 0-30V, Voltmeter : 0-3V & 0-10V (Moving Coil), Ammeter : 0-150μA & 0-15mA (Moving Coil), Variable pot : 500K - 2nos, Interconnection : 4mm patch cord, Resistance: 1kΩ-3nos, Diode Type : Germanium & Silicon, LED Type : SMT & Semiconductor, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power : 230V/50Hz</p>	
21	<p>Expt setup to study the V-I & power curves of Solar Cells and find maximum power point and efficiency <u>Technical Specification</u>: 4 nos of Solar panel for Series & parallel _____ DC Ammeter : 2000μA & 200mA, DC Voltmeter : 0-20V, Ammeter Display : 3 $\frac{1}{2}$ Digit, Voltmeter Display : 3 $\frac{1}{2}$ Digit, Solar Cell : Resistive Load : 100Ω, 250Ω, 500Ω & 1K, 2K, 5K</p>	
22	<p>Expt setup to study the frequency response of voltage gain of a RC - coupled transistor amplifier. <u>Technical Specification</u>: Input Signal : 1KHz/15mV Sine wave, Transistor : BC107BP-2nos, Resistor : 33K - 2nos, 330Ω-2nos, 3.3KΩ-2nos, 1KΩ-2nos, Capacitor: 100μF-3nos, 10μF-2nos, Interconnection: 2mm patch cord, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power : 230V/50Hz, Optional-Cathode Ray Oscilloscope & Signal Generator</p>	
23	<p>Expt setup to design a Phase Shift Oscillator of given specification using Op-Amp <u>Technical Specification</u> DC Supply: +15V & -15V, OP Amp -IC741, Resistor: 4.7KΩ- 3nos, 47KΩ, 10KΩ, 2.2KΩ, 680Ω, Capacitor: 0.1μF-3nos, 1μF, 22μF, Interconnection: 2mm patch cord Front panel built with high class insulated sheet Circuit & Symbol diagram printed on front panel Mains Power : 230V/50Hz Optional-Cathode Ray Oscilloscope</p>	
24	<p>Expt setup to study the Colpitt's Oscillator. <u>Technical Specification</u>: DC Supply: +5V, Capacitor: 0.047μF -4nos, 0.022μF & 100μF, Inductor: 10mH, 5mH & 60μH, Transistor: CL100S, Resistor: 33kΩ, 10KΩ & 47KΩ, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power : 230V/50Hz Optional-Cathode Ray Oscilloscope</p>	
25	<p>Expt setup to design a digital to analog converter (DAC) of given specifications. <u>Technical Specification</u> :DAC, Resistor: 1kΩ-6nos, Data switch : 8nos, DC Supply : +12V (Variable), LED : 8nos</p>	
26	<p>Expt setup to study the analog to digital converter (ADC) (dual slop method) <u>Technical Specification</u> :ADC, Resistor: 1kΩ-12nos, 470Ω, 12KΩ OpAmp: IC741-4nos, LED: 4nos, DC Supply: +12V (Variable)</p>	

27	Expt setup to study and use of field effect transistor (FET) Technical Specification; DC Supply : 0-3V & 0-15V Variable,DC Supply : 0 – 5V & 0-30V Variable DC Voltmeter : 0- 5V & 0-30V(Moving Coil),DC Ammeter : 0-25mA (Moving Coil, Resistor : 10K Ω ,2.2K Ω , JFET : BFW10, Interconnection :4mm patch cord, Front panel built with high class insulated sheet, Circuit & Symbol diagram printed on front panel, Mains Power :230V/50Hz	
28	Expt setup for construction and study of decade and other counters	
29	Bridge rectifier Expt. Board with power supply Technical Specification: AC Supply : 12V-0-12V AC Voltmeter : 0-30V (Moving Coil),DC Voltmeter : 0-30V (Moving Coil),DC Ammeter : 0-250mA (Moving Coil),Diode : 1N4007 : 6nos, Capacitor : 1000 μ F/25V,100 μ F/25V, Inductor : 200mH, Resistor : 50 Ω ,100 Ω ,220 Ω ,330 Ω ,500 Ω ,1K Ω ,10k Ω in 7 decade step,Front panel built with high class insulated sheet,Circuit & Symbol diagram printed on front panel,Mains Power :230V/50Hz Optional- Cathode Ray Oscilloscope	
30	Power tool kit set with electric drill	
31	30V-5A Regulated & Stabilized Power supply	
32	IC Regulated Power Supply (PS-12 SES) * 5V, 12V (Fixed & Variable type)	
33	AC milli Voltmeter	
34	Expt. Setup to design and study of Wien-Bridge oscillator, Technical Specification; DC Supply: +5V OPAMP-IC-741, Resistor : 4.7K Ω ,100K Ω ,6.8K Ω , 3.3K Ω ,680 Ω ,10K Ω , Capacitor:0.01 μ F,0.047 μ F,0.2 μ F Front panel built with high class insulated sheet Circuit & Symbol diagram printed on front panel Mains Power :230V/50Hz Optional-Cathode Ray Oscilloscope	
35	Problems on assembly language programming using 8085 microprocessor (Trainer Kit) Intel-8085	
36	Digital lab trainer kit with Breadboard, DC supply, clock generator (upto 2MHz), LEDs (8), display, voltmeter (2) switches (8) Technical Specification Trainer consists of Solder less Breadboard have 1680 tie points i.e. provided with 2 Terminal strips & 4 strips.Regulated DC Supply: + 5V/1 Amp. + 12 V/500mA. Logic Input Switches (Bounceless) - 12 No. LED Indicators (buffered) - 12 No.,Clock Generator of 1 Hz, 10 Hz & 100 Hz & 1 KHz, Clock Pulser provide high & low pulses of short durations.Seven Segment Display with Decoder IC 7447 –1 No ,Comprehensive User's Manual - 1 No	
37	AMC Charge for UV-Visible Spectroscope LAMDA 25 PERKIN ELMER	
	One Preventive Maintenance Visit	
	Parts, Travel and Labor for Repair Service	
	Remote Support,	

Gross total

Principal
Barasat Govt College

NB.

All companies have
9001:2008, 2015
certificates

Professor & Head
Post Graduate Deptt. of Physics
Barasat Government College

Any equipment costs
will be equally shared amongst.

Signature
Convenor
Purchase Committee
Barasat Govt. College

Department of Economics
Barasat Govt. College

Date: 10.06.2021

Proposal for purchase of instruments/equipment and furniture

The Department of Economics requires following instruments/equipment and furniture :

Sl No.	Item Name	No. of items required	Approx estimated cost (Rs.)
1	HP Desktop Computers (for students' practical)	4	2,20,000/-
2	DEL laptop	1	40,000/-
3	Quick Heal Antivirus (Multiple User)	1	15,000/-
4	HP Laser Jet Printer	1	7,000/-
5	Scanner (HP/Cannon)	1	6,000/-
6	Cartridge	4	2,000/-
7	Pen Drive (16 GB)	2	1,000/-
		TOTAL	2,91,000/-
FURNITURE LIST			
8	Small Computer Table	1	5,000/-
9	Office Chairs – Supreme Plastic Chairs with Cushion	2	6,000/-
10	Straight-backed wooden chair	2	15,000/-
11	Steel almirah		15,000/-
Total Estimated Budget (Approx in Rs.)			3,32,000/-
Miscellaneous (including installation charge, contigency item, etc.)			20,000/-
Total Budget			3,52,000/-



Head
Department of Economics



Principal
Barasat Govt. College



BARASAT GOVT. COLLEGE
DIGITAL PLATFORM MISSION, PHYSICS &
MATHEMATICS DEPT.

Sr	Item Desc
1	Xp-Pen deco01 c2 digital graphics drawing pen Tablet (10"x6.25") levels of pressure sensitivity, battery-free passive stylus, black
2	TRIPOD for Camera / Mobile
3	Logitech C270 HD Webcam or equivalent, HD 720P/30 FBPS, Windscreen HD Video Calling, HD Light, Correction, Noise-Reducing MIC.
4	SONY WH-CH510 10 Wireless Headphones:- Black
5	WACOM10.1 Inch Interactive Pen and Torch Display (Black)
6	Samsung Galaxy Tab A7 26-31 cm, Slim, Metal Body, Quad Speakers with Dolby Atmos, RAM 3 GB, ROM-32GB
7	Laptop i3 11th Gen, 8 GB RAM, 1 TB HDD, Webcam, Win-10 Home version, Microsoft Office, 3 years warranty, (HP/DELL)
8	Laptop i5 11th Gen, 8 GB RAM, 1 TB HDD, Webcam, Win-10 Home Version, Microsoft Office, 3 years warranty, (HP/DELL)
9	Desktop Computers i3, 10th Gen, 8GB RAM, 1 TB HDD, WIN-10 Home Version, (HP/DELL)
10	Desktop Computers i7, 10th Gen, 8GB RAM, 1 TB HDD, WIN-10 Home Version, (HP/DELL)
11	HP Laser Multifunction Printer Model 1136 or Equivalent
12	HP A4 Color Laser Printer - MFP 178nw (Print, Scan, Copy, Network. Wireless), Warranty - 1 year
13	BENQ-LCD Projector with Seal Mounting
14	Tonner Cartridge Black/White - Frontech 12A/88A
15a	UPS 600 VA APC
15b	UPS 600 VA Microtek
16	Pendrive 32 GB
17	Projector Screen with Tripod 6x4' semiautomatic
18	Quick Heal Antivirus 10 users
19	Smart TV LED 43" (Samsung / LG)
20	Microphone with Headphone
21	Auto Dispenser of Sanitizer
22	Hand Sanitising Chemical (Liquid 5Ltr Jar)
	Total

[Handwritten Signature]

Principal
Barasat Govt College

[Handwritten Signature]

Convenor
Purchase Committee
Barasat Govt. College

Department of Mathematics
Barasat Govt. College


Date: 04.06.2021

Proposal for purchase of instruments/Equipment and Furniture

The following instruments are required for the Department of Mathematics for smooth running of CBCS Classes.

Sl. No.	Item Name	Specification	Number of item require	Approx. Estimated Cost in Rs.
1	HP Laser Jet Printer	1020 Plus	5	35,000.00
2	HP LaserJet Pro M1136 Multifunction Monochrome Laser Printer (Black)	HP LaserJet Pro M1136	2	25,000.00
3	Dell Desktop	Inspiron 3268 (Intel Core i5,8GB,1TB,Win 10)	20	11,00,000.00
4	Dell Laptop	Inspiron 5370 (A560515WIN9) (i5 8th Gen/8GB/256GB SSD/Win 10)	5	2,70,000.00
5	1TB External Hard-disk	1TB	5	30,000.00
6	Pen drive	16 GB	5	2,000.00
7	Quick Heal Antivirus	30 User	1	15,000.00
8	LCD Power Point Projector	Projector System: LCD Resolutions: 800X600 Brightness: 3000 lumens	3	60,000.00
9	Projector Screen	4ft X 3.5 ft	3	15,000.00
10	Digital Photo-Copier Machine	Cannon, Memory size 367	1	45,000.00
11	Scanner	HP/ Cannon	3	12,000.00
12	Laser light Pen		5	500.00
13	Digital Clock	Temperature included	1	300.00
14	Microphone with speaker	Bluetooth compatible speaker	3	20,000.00
15	A.C.	1.5 Ton Window	4	1,20,000.00
16	Toner Cartridge	12A	3	13,000.00
17	Toner Cartridge	88A	3	12,000.00
			TOTAL:	17,75,000.00

FURNITER LIST

Sl. No.	Item Name	Specification	Number of item require	Approx. Estimated Cost in Rs.
1	Book Self	Steel Made with glass door	4	60,000.00
2	Almirah	Steel Made	2	30,000.00
3	12 Doors Pigeon hole Almirah		1	30,000.00
4	Office chair (to be placed in front of computer desk)	Steel and fome make	40	1,60,000.00
5	Computer Table		20	1,20,000.00
Total Estimated Budget (Approx. in Rs.):				21,75,000.00
Miscellaneous (including installation charge, contingency item and etc.)				1,25,000.00
Total Budget:				23,00,000.00 (Twenty Three Lakhs)

(HOD, Department of Mathematics)

Principal
Barasat Govt College

Convener
Purchase Committee
Barasat Govt. College

Principal
Barasat Govt College

BARASAT GOVT. COLLEGE
DEPARTMENT OF GEOGRAPHY

Sl. No.	Item	Number of Items Required
1	Field TDS meter	2
2	pH Meter with Photometer and Moisture Meter	2
3	Handheld Thermometer	2
4	Pen Thermometer	2
5	Temperature and Humidity Logger	2
6	Propeller Type Water Current Meter	1
7	Psychrometer	2
8	Stevenson Screen	1
9	Water Testing	1
10	Abneys Level	2
11	Clinometer	2
12	I.D.M	2
13	Salinity Kit	2
14	Rock Sample	2 Sets
15	Mineral sample	2 Sets
16	Rocks Identification kit	2 Sets
17	Soil testing kit	2 Sets
18	Geological hammer	2
19	GPS	2
20	Digital Slide Calipers	2
21	Air Quality Monitor	2
22	Atmotube PRO	2
23	Water Analyzer	1



Dr. Ruksanara Begum


Principal
Parasat Govt College



Barasat Government College
POST GRADUATE DEPARTMENT OF BOTANY

Sl. No	Item Name	Specification	Quantity required
1.	GELDOC SYSTEM	MODEL GELDOC EZ (MAKE BIO-RAD)	1
2	UV TRAY & WHITE TRAY FOR GELDOC EZ	BIORAD GELDOC EZ (MAKE BIO-RAD)	1
3.	INVERTED FLUORESCENCE MICROSCOPE	MODEL ZOE(145-0031) MAKE : BIO-RAD	1
4	UV-VIS DOUBLE BEAM SCANNING SPECTROPHOTOMETER	SYSTRONICS-MODEL AU2703 WITH SOFTWARE PC PRINTER	1
5	PCR (GRADIENT THERMOCYCLER MACHINE)	BIORAD – MODEL T11	1
6	MONOCULAR STUDENTS MICROSCOPE WITH 10X,40X, 100X WITH NORMAL EWYEPICE		


Signature of the Head of
the Department (with Seal)

(JUKTA ADHIKARI)

HOD. POST GRADUATE DEPT. OF BOTANY



Principal
Barasat Govt. College

Any certified equivalent
company instrument make
having ISO 9001: 2008, 2015
certification.