



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Kaku Seth Ukka Marg, Chandra Nagar, Latur – 413512 (Maharashtra)
(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

NAAC Accredited Grade B++ (Cycle 3) with CGPA 2.99, UGC-CPE (Phase-III) ISO: 9001:2015

Criterion IV – Infrastructure and Learning Resources

Key Indicator – 4.1: Physical Facilities

4.1.1: The Institution has adequate infrastructure and other facilities for

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.
- Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

Details of Infrastructure and Physical Facilities for Teaching – Learning

Sr. No.	Name of the Equipment
Department of Physics, Electronics and Photonics	
1	Holography Set Up
2	UV-Vis-NIR Spectrophotometer
3	Keithley Sourcemeter
4	OTDR
5	High Power Laser Source
6	Chemical Vapor Deposition
7	Spray Pyrolysis
8	Zeeman Effect Set Up
9	Gas Sensing Unit
10	Potentiostat/Galvanostat
11	High Resolution Telescope
12	GM Counter
13	Laser Engraving Machine
14	Microwave Bench
15	Matlab Software
16	Red and Green Diodes
17	Solar Photovoltaic Panel 30 kW
18	Regulated Dual Output Power Supply
19	Aplab1 MHz Function Generator
20	Aplab2 MHz Function Generator
21	Michelson Interferometer
22	Microwave Oven
23	Astable Multivibrator
24	BistableMultivibrator

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Sr. No.	Name of the Equipment
25	Ballistic Galvanometer
26	Viscometer
27	Fiber Optics Kit
28	Laser Characteristics Kit
29	Travelling Microscope
30	SCR Characteristics Kit
31	Signal Generator
32	Dual Trace Oscilloscope
33	Dyna 8085 Microprocessor, 8051 Microcontroller Kits
34	B-H Curve Apparatus
35	Photocell
36	CRO
37	Function Generator
38	FM Modulation and Demodulation
39	A/D Convertor
40	D/A Convertor
41	Abbey Refractometer
Department of Chemistry and Analytical Chemistry	
1	Abbey Refractometer
2	Colorimeter
3	Conductivity meter
4	Centrifuge Machine
5	Potentiostat/Galvanostat (Metrohm Dropsens)
6	Potentiometer
7	Melting Point Apparatus
8	Rotamantle
9	Suction Pump Machine
10	Electric Balance (LC 0.0001 gm.)
11	Electronic Burner
12	Hot Air Oven
13	Digital Polarimeter
14	Digital Photofluorometer
15	Fluorometer
16	Freezing Point Apparatus
17	Heating Mantle

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Sr. No.	Name of the Equipment
18	Bruker Alpha FTIR Spectrophotometer
19	pH meter
20	Rotary Shaker
21	Polarimeter
22	Turbidity meter
23	UV Cabinet
24	UV Spectrophotometer
25	Ultrasonicator
26	Distillation Plant
Department of Zoology and Fishery Science	
1	Ultra Low Temperature Freezer
2	Olympus Trinocular Microscope with camera attachment
3	Blotter
4	CO ₂ Incubator
5	Soil Analyzer
6	BOD Incubator
7	Water Analyzer
8	Digital Colorimeter
9	Electrophoresis Horizontal
10	Electrophoresis Vertical
11	Electrophoresis Power Pack
12	Incubator
13	Autoclave
14	Electronic Balance
15	High Speed Cooling Centrifuge
16	Sonicator
17	Deep Freezer
18	Binocular Microscope
19	Monocular Microscope
20	Laminar Air Flow
21	Tissue Homogenizer
22	Microtome
23	Quartz Distillation Unit
24	Steel Distillation unit

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Sr. No.	Name of the Equipment
Department of Botany	
1	Soil analyzer
2	Rotary shaker
3	Digital Balance Kern
4	High Speed Cooling Centrifuge
5	Rotorod Air Sampler
6	Plant Growth Chamber
7	Trinocular Research Microscope
8	Olympus Inverted Microscope
9	Autoclave (Portable) /W/OBASKET(SS) 12"x12" (20Ltr), Labline
10	Heating Mantle, Rotamantle
11	Gel Electrophoresis kit Horizontal (LA844) , Genie
12	Laminar Air Flow, Model: Horizontal 3x2x2 , Microfilt
13	Water Distillation Unit (SS) Water Still Manesty Type Capacity 6L/Hour, Labline
14	Visible Single Beam Spectrophotometer, Systronics
15	Laboratory Oven (SS) 35x35x35 , Kumar
16	Bacteriological Incubator/ Model, TI-90 A 43 liter, 35x35x35 MS, Kumar
17	pH Meter, Systronics
18	Hot Plate 10x16
19	Colorimeter Model: 112, Systronics
20	Soxhlets Assembly Apparatus, Model: 3840020, Borosil
21	Orbital Shaker, Model: RS-18-PLUS, Remi
22	Transilluminator, Model: 120027GB, Genie
23	Compound Microscope Model KG-5, Mechanical Stage 10x,45x 100 objectives, Micron(ISI)
24	Tilak Air Sampler, GTI- LVS-173, Greintech Instruments, Delhi
25	Tissue Culture Racks, Model: RP-153-04, Rescholar
26	Microtome, Model: MRM-1120, Medimeas
27	Cyclomixture, Model: CM-101, Remi
28	Table Centrifuge, Model: 6000 RPM 1.5/8, Remi
29	Digital Balance (0.01gm), Weinsar

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Sr. No.	Name of the Equipment
30	Micropipettes 100mL,1000mL, Std
31	Deep Freezer (-20), Remi
Department of Microbiology	
1	Shaker 24x24
2	VDRL Shaker
3	Autoclave
4	Incubator
5	Water Bath
6	Photocolorimeter
7	Spectrophotometer
8	Warming Table
9	Heating Mantle
10	TLC Kit
11	Rough Balance
12	Hot Air Oven
13	Electrophoresis Kit
14	Magnetic Stirrer
15	Vortex Mixture
16	UV Chamber
17	Paper Chromatography Assembly
18	Refrigerator Kelvinator
19	pH Meter
20	Bottle Washing Machine
21	Soxhlet Accelerator
22	Vacuum Pump
23	Fine Balance
24	One Pan Balance
25	Distillation Plant (Steel)
26	Microscope With Oil Emulsion Objective
27	Slide Projector Automatic
28	Haemocytometer
29	Haemoglobinometer
30	Electronics Balance
31	Micrometer Slide
32	Hot Plate

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Sr. No.	Name of the Equipment
33	Homogenater
34	Godrej Refrigerator (1.Model No.280 Litre (30 DY), 2. Model No.230 Litre (24AC))
35	Colony Counter Digital
36	Orbital Shaking Incubator (CIS- 24) with Voltage Stabilizer
37	Cooling Centrifuge (C-24 BL) with Voltage Stabilizer
38	Deluxe Laboratory Centrifuge (R-8C)
39	Laminar Air Flow Microfilt(Microfilt Make)
40	Pipette Washing Machine
41	ESR Assembly
42	Seitz Filter Assembly
43	Micropipette
44	Lab Research Microscope (Microne)
45	Metzes Optik Monocular Microscope Model METZ_777
46	Digital Photoelectric Meter (Systronics) Make Type 112
47	Drier Heavy Duty Philips
48	Vacuum Cleaner Eureks Forbes Make Trendly Model
49	Electronics Balance Contech Model CA- 124 ,0.1 mg to 120 gm
50	Distillation Unit (Bhanu Make)
51	Anaerobic Jar (Kumar Make)
52	Lab Fermenter 5 Lit Capacity Make (DYNA Biotech)
53	Air Compressor With Motor (Apollo)
54	Anaerobic Jar (Kumar Make)
Department of Mathematics	
1	Matlab Software
2	Mapple Software
3	Mathematica Software
Department of Information Technology	
1	Windows Operating System
Department of Biotechnology	
1	Digital Colorimeter
2	Paper Electrophoresis Horizontal Tank
3	Paper Electrophoresis Vertical Tank



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Sr. No.	Name of the Equipment
4	Paper Electrophoresis Power Pack
5	Double Beam Spectrophotometer
6	Incubator
7	Autoclave
8	Oven
9	Electronic Balance
10	Gel Electrophoresis Unit With Other Accessories
11	Mini Horizontal Unit
12	Mini Vertical Unit
13	High Speed Cooling Centrifuge With Rotors
14	Shaking Incubator
15	Microscopes (Binocular)
16	Monocular Microscopes
17	TCL Unit
18	Laminar Flow Unit
19	Tissue Homogenizer (RQT-127 AD)
20	Deep Freezer
21	Monocular Microscope
22	Vacuum Pump
23	CO ₂ Incubator
24	Inverted Trinocular Microscope for Tissue Culture
25	Autoclave
26	Incubator
27	BOD Incubator (Ci-3 S)
28	Digital pH Meter
29	Double Beam Spectrophotometer (SHIMADZU)
30	Centrifuge
31	Magnetic Stirrer
32	Minicentrifuge – 6000 Rpm- Remi
33	Double Door Refrigerator
34	Salinometer
35	Tray Dryer
36	Muffle Furnace
Department of Geography	
1	IDRISI Andes GIS and Image Processing

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Sr. No.	Name of the Equipment
2	Telescope
3	Weather Station Model
4	GPS
Department of Language Laboratory	
1	ETNL : Language Lab Software
Department of Computer Science	
1	Windows 10
2	MS-Office
3	Work Station

Date: 18/01/2024

Principal