



ST. ALOYSIUS' COLLEGE

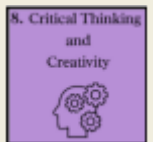
AUTONOMOUS
JABALPUR- 482001
MADHYA PRADESH, INDIA

CRITERION-3

RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator – 3.1

Promotion of Research and Facilities



Metric No.: 3.1.1



Research Facilities



Document Name

Laboratory Name



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR (M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT

DEPARTMENT OF CHEMISTRY

Advanced Departmental Equipment Facilities

S.No	Instrument
1	FTIR- Spectrometer
2	UV Spectro Photometer
3	Fluoride selective electrode
4	Water Distillation Plant
5	Lead Selective Electrode
6	Digital Muffel Furnace Chamber
7	BOD incubator
8	COD
9	Digital Heating Mental Kjeldal flask with socket
10	Double beam UV Spectrophotometer
11	Colorimeter
12	Cathode Ray Oscilloscope(CRO) Function Generator
13	Laminar Airflow
14	Diode
15	Thermocouple
16	Digital conductivity bridge
17	Polarimeter
18	Potentiometer
19	pH meter
20	Turbidity meter
21	Melting point apparatus
22	Digital Balance
23	Thermostat
24	Magnetic Stirrer
25	Flame photometer
26	Autoclave



ST. ALOYSIUS COLLEGE, 1, AHILYABAIMARG, PENTINAKACHOWK, SADAR, CANTT,
JABALPUR, MADHAYA PRADESH, INDIA 482001

+917612620738

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Chemistry Laboratory-1

SACJ



GPS Map
Camera Lite

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533873°

Local 10:00:56 AM

GMT 04:30:56 AM

Longitude

79.952832°

Altitude 411 meters

Monday, 22.05.2023



Chemistry Laboratory-2

SACJ



GPS Map
Camera Lite

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533873°

Local 10:05:36 AM

GMT 04:35:36 AM

Longitude

79.952832°

Altitude 411 meters

Monday, 22.05.2023



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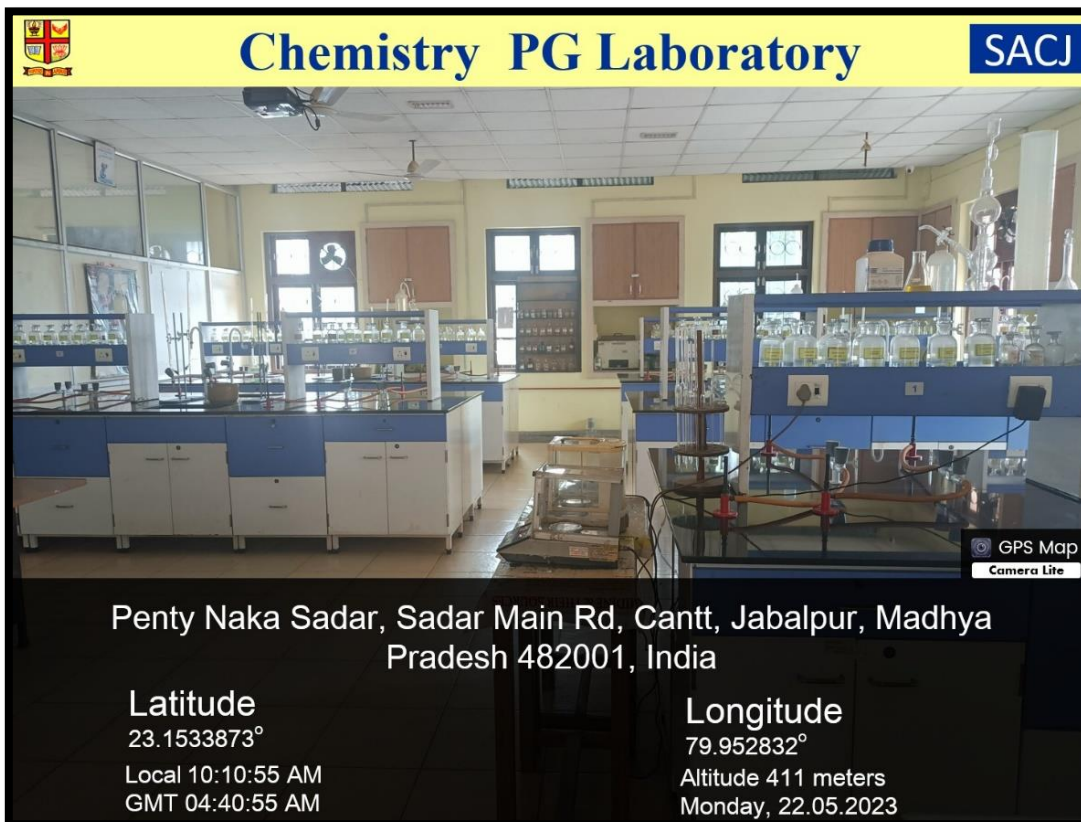
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Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533873°

Local 10:10:55 AM

GMT 04:40:55 AM

Longitude

79.952832°

Altitude 411 meters

Monday, 22.05.2023



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DEPARTMENT OF ZOOLOGY

Advanced Departmental Equipment Facilities

S.No.	Instruments
1.	Trinocular Research Microscope with micro photographic attachment with Scope Image software
2.	Phase contrast Microscope
3.	Micro plate ELISA plate Reader
4.	Rotary Vacuum evaporators
5.	Deep Freezer -20
6.	Gradient PCR Thermo cycler
7.	Cooling Centrifuge
8.	BOD Incubator
9.	Colorimeter
10.	Visual spectrophotometer
11.	Kymograph
12.	Microtome
13.	Automatic razor sharpener
14.	Incubator
15.	Digital pH meter (Systronics)
16.	Ecotestor & Conductivity meter
17.	Camera lucida (Mirror type and Prism type)
18.	Turbidity meter
19.	Conductivity meter
20.	Distillation apparatus
21.	Vortex mixer
22.	Refractometer
23.	Water bath
24.	Biochemical analyzer
25.	Homogenizer
26.	Bacteriological colony counter



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Zoology Laboratory-1

SACJ



GPS Map
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Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533873°

Local 10:20:53 AM

GMT 04:50:53 AM

Longitude

79.952832°

Altitude 411 meters

Monday, 22.05.2023



Zoology Laboratory-2

SACJ



GPS Map
Camera Lite

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533873°

Local 10:04:06 AM

GMT 04:34:06 AM

Longitude

79.952832°

Altitude 411 meters

Monday, 22.05.2023



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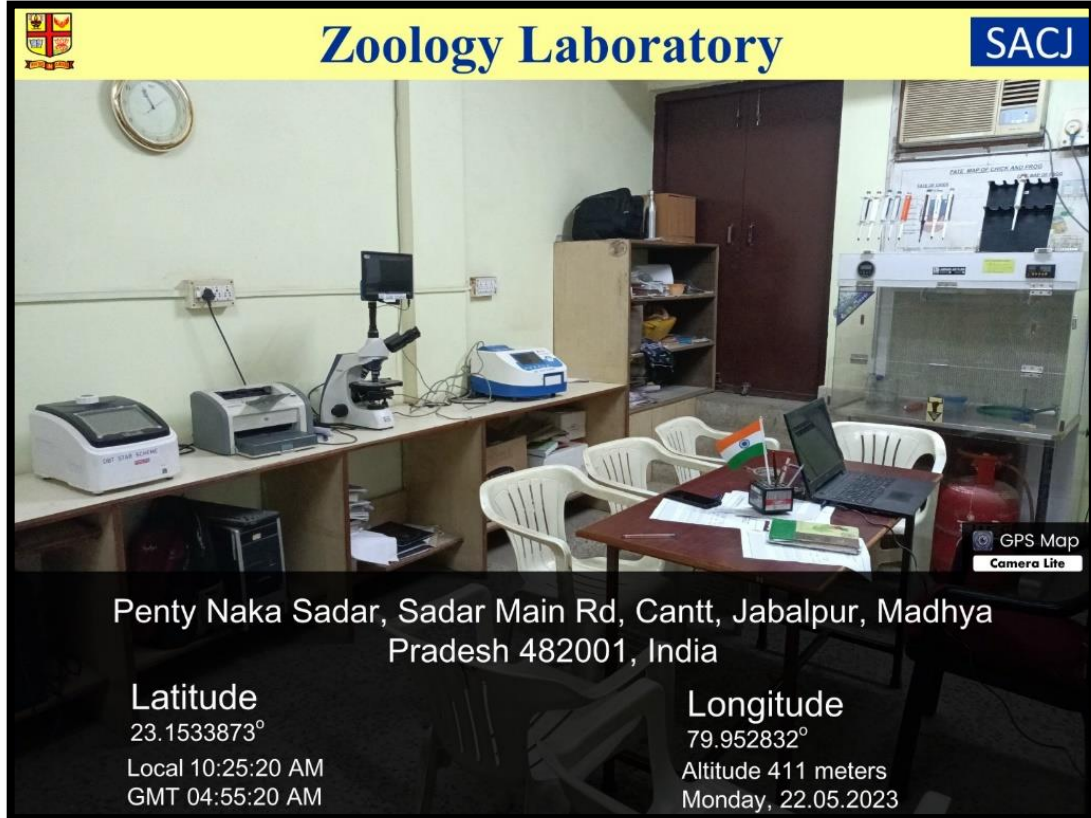
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DEPARTMENT OF PHYSICS

Advanced Departmental Equipment Facilities

S.No.	Instruments
1.	X-Ray Diffractometer
2.	Atomic Force Microscope with Isostage
3.	Reflectometer for thin film thickness measurement (at different wave-lengths)
4.	Refractometer for measurement of Refractive index (at different wave-lengths)
5.	GM Counter with Beta and Gamma source for radiation studies
6.	Spin Coating Unit
7.	Micro-hardness Tester with CCD camera
8.	FT-IR
9.	UV-Vis Spectrophotometer
10.	Digital pH meter
11.	Centrifuge
12.	Ultrasonic Bath (Sonicator)
13.	Licensed Mathematica and Matlab Software for Computational Modeling
14.	Digital Weighing Machine
15.	Magnetic Stirrer
16.	Hot Plate
17.	KBr Press



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Physics Laboratory

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Latitude

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Local 10:15:30 AM

GMT 04:45:30 AM

Longitude

79.952831°

Altitude 411 meters

Monday, 22.05.2023



Physics Laboratory

SACJ



GPS Map
Camera Lite

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533883°

Local 10:19:30 AM

GMT 04:49:30 AM

Longitude

79.952831°

Altitude 411 meters

Monday, 22.05.2023



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DEPARTMENT OF BOTANY

Advanced Departmental Equipment Facilities

S.No	Instruments
1.	Sonicator
2.	Flame photometer
3.	Laminar air flow
4.	Electronic Balance
5.	Microwave oven
6.	PCR
7.	Gel rocker
8.	Orbital shaker Incubator
9.	Incubator
10.	Biosafety cabinet
11.	Water bath
12.	Autoclave vertical
13.	Hot plate
14.	Centrifuge
15.	Hot air oven
16.	Air sampler
17.	pH meter
18.	Colony counter
19.	Antibiotic zone reader
20.	Thin Layer Chromatography Kit
21.	Digital Biological Microscope with LCD Screen
22.	Orbital Cooling Shaker
23.	Electrophoresis
24.	Vortex-1
25.	Cooling Centrifuge
26.	Incubator (triple chamber)
27.	Humidifier
28.	Soxhlet apparatus
29.	Rotary vacuum evaporator
30.	Stereo microscope
31.	Motic microscope
32.	UV-vis spectrophotometer (double beam)
33.	Digital pH meter
34.	Magnetic stirrer
35.	Fermentor
36.	Lyophilizer



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Botany & Microbiology Laboratory SACJ



Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533872°

Local 11:11:30 AM

GMT 05:41:30 AM

Longitude

79.952831°

Altitude 411 meters

Monday, 22.05.2023

Botany & Microbiology Laboratory SACJ



Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

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Local 11:11:49 PM

GMT 05:41:49 PM

Longitude

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Monday, 22.05.2023



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DEPARTMENT OF BIOTECHNOLOGY

Advanced Departmental Equipment Facilities

S.No.	Instruments
1.	UV Visual Microplate Spectrophotometer
2.	CO2 Incubator
3.	Fermentor
4.	Thermocycler
5.	Autoclave
6.	Spectrophotometer
7.	Cooling Centrifuge
8.	Shaking & Normal Incubator
9.	Tissue Homogenizer
10.	Refrigerated & Normal Centrifuge
11.	Fermentor
12.	Trinocular Research Microscope with micro photographic attachment
13.	Laminar Air Flow
14.	UV Transilluminator
15.	UV Torch
16.	Deep Freezer
17.	Colorimeter
18.	Plant Tissue Culture Rack
19.	pH meter
20.	Water bath



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Biotechnology Laboratory


SACJ



GPS Map
Camera Lite


Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude 23.1533873° Local 10:56:19 AM GMT 05:26:19 AM	Longitude 79.952832° Altitude 411 meters Monday, 22.05.2023
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Biotechnology Laboratory

SACJ



GPS Map
Camera Lite

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Computer Science Laboratory-2

SACJ



GPS Map
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Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude
23.1533873°

Local 12:15:30 PM
GMT 06:45:30 AM

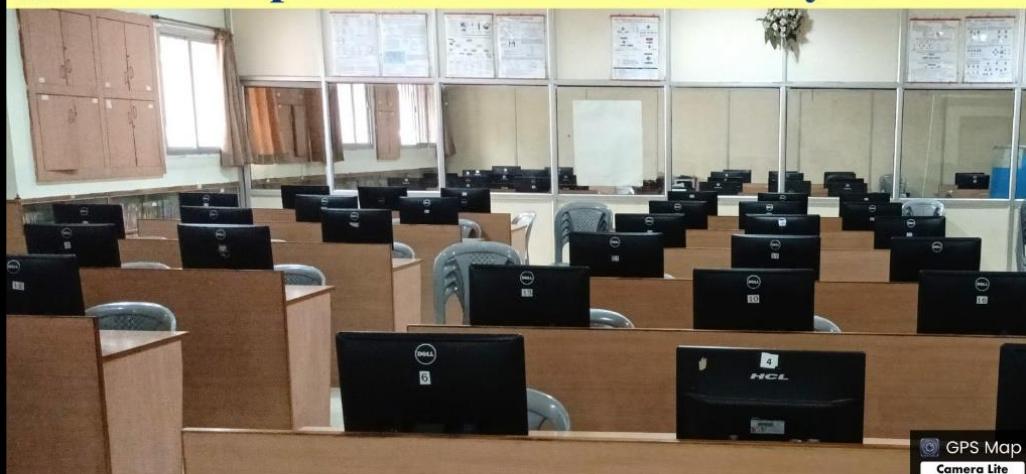
Longitude
79.952834°

Altitude 411 meters
Monday, 22.05.2023



Computer Science Laboratory-1

SACJ



GPS Map
Camera Lite

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude
23.1533873°

Local 12:15:48 PM
GMT 06:45:48 AM

Longitude
79.952832°

Altitude 411 meters
Monday, 22.05.2023



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CENTRAL INSTRUMENTATION LAB

S.No.	Instruments
1.	Ultra Violet- Visible Spectrophotometer
2.	Fourier Transform- Infrared (Defuse Reflectance) Spectrophotometer
3.	Fluorescent Microscope
4.	X-Ray Diffraction
5.	Atomic Absorption Spectrophotometer
6.	3-D Printer
7.	Atomic Force Microscope
8.	Biochemical Analyzer



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Central Instrumental Lab

SACJ

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533872°

Local 12:54:02 PM

GMT 07:24:02 AM

Longitude

79.952833°

Altitude 408 meters

Monday, 22.05.2023

GPS Map
Camera Lite



Central Instrumental Lab

SACJ

Penty Naka Sadar, Sadar Main Rd, Cantt, Jabalpur, Madhya Pradesh 482001, India

Latitude

23.1533872°

Local 12:52:02 PM

GMT 07:22:02 AM

Longitude

79.952834°

Altitude 408 meters

Monday, 22.05.2023

GPS Map
Camera Lite



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