



**Bahujan Hitay Jagat Shikshan Sanstha, Gondia's**  
**JAGAT ARTS COMMERCE & INDIRABEN HARIHARBHAI**  
**PATEL SCIENCE COLLEGE, GOREGAON-441801 DIST-**  
**GONDIA**

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*4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.*

**1: Infrastructure and Physical Facilities**

**Build up Area of College**

Sr. No.	Name	Area (Square met)
1.	Build up area main building	Ground Floor:652.90 First Floor: 652.90
2.	Library Building	Ground Floor: 374.72 First Floor: 374.72
3.	Hostel Building	Ground Floor: 331.98 First Floor: 331.98 Second Floor: 331.98
	<b>Total Build up Area in Square met</b>	<b>3051.18 Sq.m</b>

**Laboratories Area:**

Sr. No.	Name of the Laboratory	Area (Square m)
1.	Botany	88.92
2.	Botanical Garden	318.61
3.	Chemistry	224.56
4.	Commerce	42.00
5.	English	54.10
6.	Geography	46.48
7.	Physics	89.03
8.	Zoology	118.11
	<b>Total Area</b>	<b>981.81</b>

## List of Instruments in Laboratories


### Chemistry

Deptt. of Chemistry

Jagat Arts, Comm. And I H P Science College, Goregaon

List of major equipment's

SN	Apparatus & Chemicals	Quantity	Amount
1	Computer	01	---
2	Distillation Plant	01	34310
3	Cease Fire	02	---
4	Conductometer	04	67600
5	Potentiometer	04	42750
6	Colorimeter	04	33925
7	PH Meter	02	20140
8	Polarimeter	02	46820
9	Digital balance	01	13900
10	Electronic balance	02	9713
11	Physical balance	08	17400
12	Rough balance	01	1687
13	Refrigerator	01	---
14	Gas burners	60	25000
15	Gas cylinder	03	---
16	Kipps apparatus	02	1115
17	Shaking machine	01	6500
18	Desiccators	04	1800
19	Whenchester bottle	06	450
20	Copper Colorimeter	9	1755
21	Ion exchange column	01	37000
22	Refractometer	01	22080
23	Oven	02	69371
	<b>Total ***</b>	<b>***</b>	<b>4,53,316</b>
24	Glass wears & Chemicals - Near about all glass wears & chemicals are available in the Lab for conducting B.Sc. Practical and cast for the session 2019-20 is .....	.....	2,38,779
	<b>Total of above</b>		<b>6,92,095</b>

  
HEAD  
Deptt. of Chemistry  
Jagat Arts, Comm. & I.H.P. Science  
Coll.ge. Goregaon Dis. Gondia

  
PRINCIPAL  
JAGAT ARTS, COMMERCE AND INDIAN  
NATIONAL PATIL SCIENCE COLLEGE,  
GOREGAON DISTRICT GONDIA (M. S.)

## Physics

### DEPARTMENT OF PHYSICS

#### List of Major Laboratory apparatus

Sr.No.	Apparatus	Quantity	Rate	Amount
1	Maxwell's Needle	02	3500.00	7000.00
2	Sonometer with Transformer	01	3870.00	3870.00
3	Kirchoff's law App.	02	4070.00	8140.00
4	CRO double beam	01	38590.00	38590.00
5	Pit. Resistance thermometer	01	7900.00	7900.00
6	Electric Kettle	02	14900.00	29800.00
7	Sextant	01	11850.00	11850.00
8	Travelling microscope	02	7950.00	15900.00
9	Sextant with Stand	01	13850.00	13850.00
10	Stefan's law App.	03	5980.00	17940.00
11	Newton's ring App.	01	8980.00	8980.00
12	Spectrometer	01	11430.00	11430.00
13	Dielectric Const. App.	01	19500.00	19500.00
14	Transistor Charact. App.	01	10950.00	10950.00
15	PN Junct. Band gap energy App.	01	8940.00	8940.00
16	e/m by Thomson's method App.	01	22932.00	22932.00
17	e/m by Helical method App.	01	32930.00	32930.00
18	pH meter	01	9981.00	9981.00
19	G.M. Counter	01	106669.00	106669.00
20	Thermo emf App.	01	20275.00	20275.00
21	Maxwell's Needle	01	6340.00	6340.00
22	Digital Multimeter	02	2290.00	4580.00
23	B.P.App. & stethoscope set	01	2850.00	2850.00
24	Transistor Charact. App.	02	7249.00	14498.00
25	Boolean Algebra App.	01	5980.00	5980.00
26	Half Full adder Ckt.	01	5400.00	5400.00
27	Half Full subst. Ckt.	01	5400.00	5400.00
28	OP-AMP App.	01	3900.00	3900.00
29	Microphone & Loudspeaker App.	01	15350.00	15350.00
30	Beer's Lambert law App.	01	24500.00	24500.00
31	Digital logic Trainer	03	6960.00	20880.00
32	Planck's constant App.( Solar cell)	02	14950.00	29900.00
33	Dielectric const. App.	01	24375.00	24375.00
34	Energy gap App. Of PN junct. diode	02	4200.00	8400.00
35	OP-AMP	01	4550.00	4550.00
36	Metal box for R.P. of Telescope	04	2990.00	11960.00



**Head**  
Deptt. of Physics  
Jagad Art. Comm. & IHP  
Science College Gondia



**PRINCIPAL**  
T. ARTS, COMMERCE AND INDIRABEN  
SHARMAJI PATEL SCIENCE COLLEGE,  
GOREGAON DISTRICT GONDIA (M. S.)

## Botany

Jagat Arts, Commerce & I.H.P. Science College, Goregaon- 441801

Department of Botany

List of Major Equipments

Sr. No.	Name of Equipments	Quantity	Cost in Rs.
1.	Autoclave	01	5400
2.	Compound Microscope's	47	193350
3.	Dissecting Microscope's	14	30048
4.	Projection Microscope	01	8500
5.	Binocular Microscope (BDM)	01	5078
6.	Binocular (Zenith)	01	6554
7.	Centrifuge Machine (Remi)	01	5930
8.	Overhead projector (Metal body 220 volt )	01	12995
9.	Incubator (Biocraft)	01	9800
10.	Laptop (Dell)	02	74149
11.	Inoculating Chamber	01	17860
12.	Digital Lux Meter (Lutron)	01	4450
13.	Trinacular Stereo Zoom Microscope with Camera attachment (Model No.-50015)	01	127900
14.	Digital Balance (Kerro)	01	11950
15.	Homogenizer with speed control (Remi)	01	19840
Total = Rs. - 533804			
(Rs. - Five Lac Thirty Three Thousands Eight Hundred Four only)			

  
**Head**  
Deptt. of Botany  
Jagat Arts, Comm. & I.H.P.  
Science College, Goregaon  
Dist. Gondia

  
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JAGAT ARTS, COMMERCE AND INDIRABEN  
KARNAL PATEL SCIENCE COLLEGE,  
GOREGAON DISTRICT GONDIA (M. S.)

## Zoology

Jagat Arts, Commerce & L.H.P. Science College, Goregaon- 441801

Department of Zoology

List of Major Equipments

Sr.No.	Name of Equipments	Quantity	Cost in Rs.
1. ✓	Oven	01	9800
2.	Compound Microscope's	32	350510
3.	Dissecting Microscope's	09	20130
4. ✓	Projection Microscope	01	8500
5. ✓	Binocular Microscope (BDM)	01	20306
6.	A) Microtome (Rotary) B) Microtome ( Rocking)	02 01	67750
7.	Micropipette	03	5670
8. ✓	Hot plate	01	1650
9. ✓	PH meter digital	01	8778
10. ✓	Water bath	09	2450
11. ✓	Enlarger	01	7900
12.	Haemocytometer	12	21570
13.	Haemometer	07	6660
14.	Paper chromatography jar	06	11950
15. ✓	Homogenizer	01	260
16. ✓	Electrophoresis apparatus	01	9970
17. ✓	Digital balance	01	13900
18	Sprey pump.	01	3350
			Total = Rs.-5,71,104/-
(Rs.- Five Lac Seventy one Thousand One Hundred Four only)			

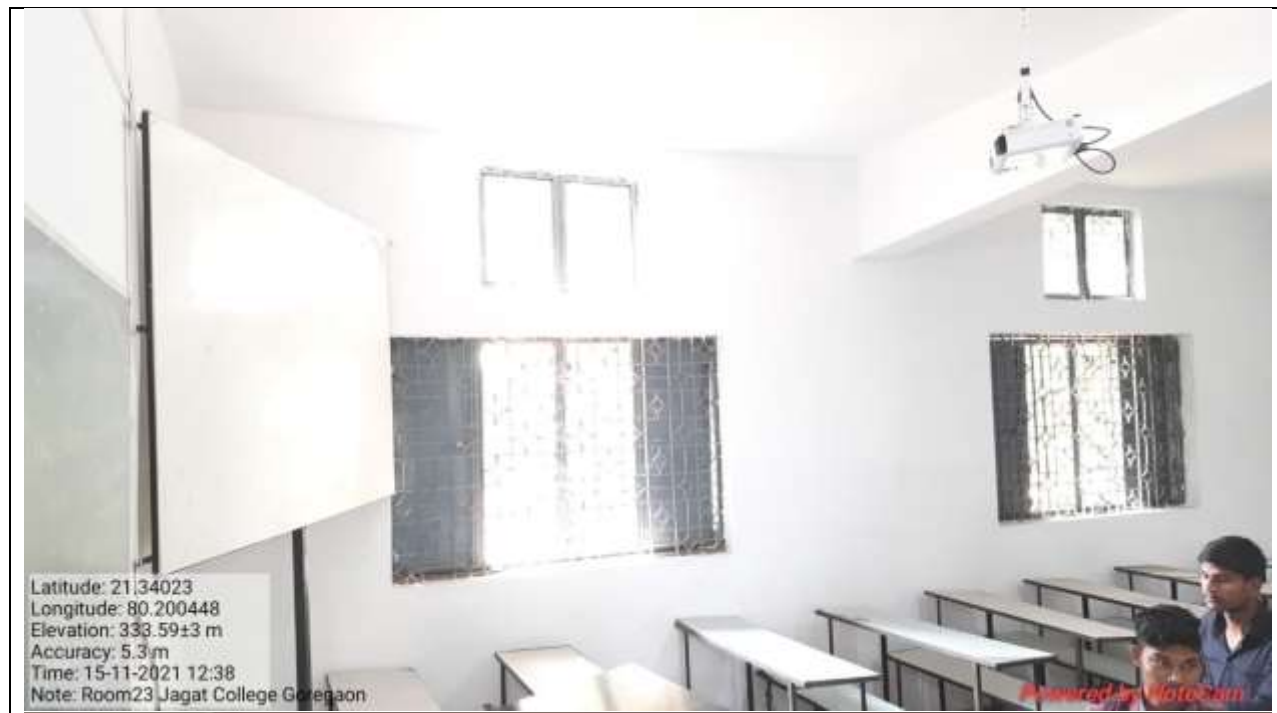
  
Head  
Deptt. of Zoology  
Jagat Arts, Commerce & L.H.P.  
Science College, Goregaon  
Dist. Gondia

  
PRINCIPAL  
JAGAT ARTS, COMMERCE AND  
INDIRABEN HARTHARSHAI PATEL  
SCIENCE COLLEGE, GOREGAON DIST. GONDIA

## 2: ICT based Class Rooms







Latitude: 21.34023  
Longitude: 80.200448  
Elevation: 333.59±3 m  
Accuracy: 5.3 m  
Time: 15-11-2021 12:38  
Note: Room23 Jagat College Goregaon



Latitude: 21.340593  
Longitude: 80.200519  
Elevation: 333.46±3 m  
Accuracy: 7.2 m  
Time: 15-11-2021 12:42  
Note: Room29 Jagat College Goregaon





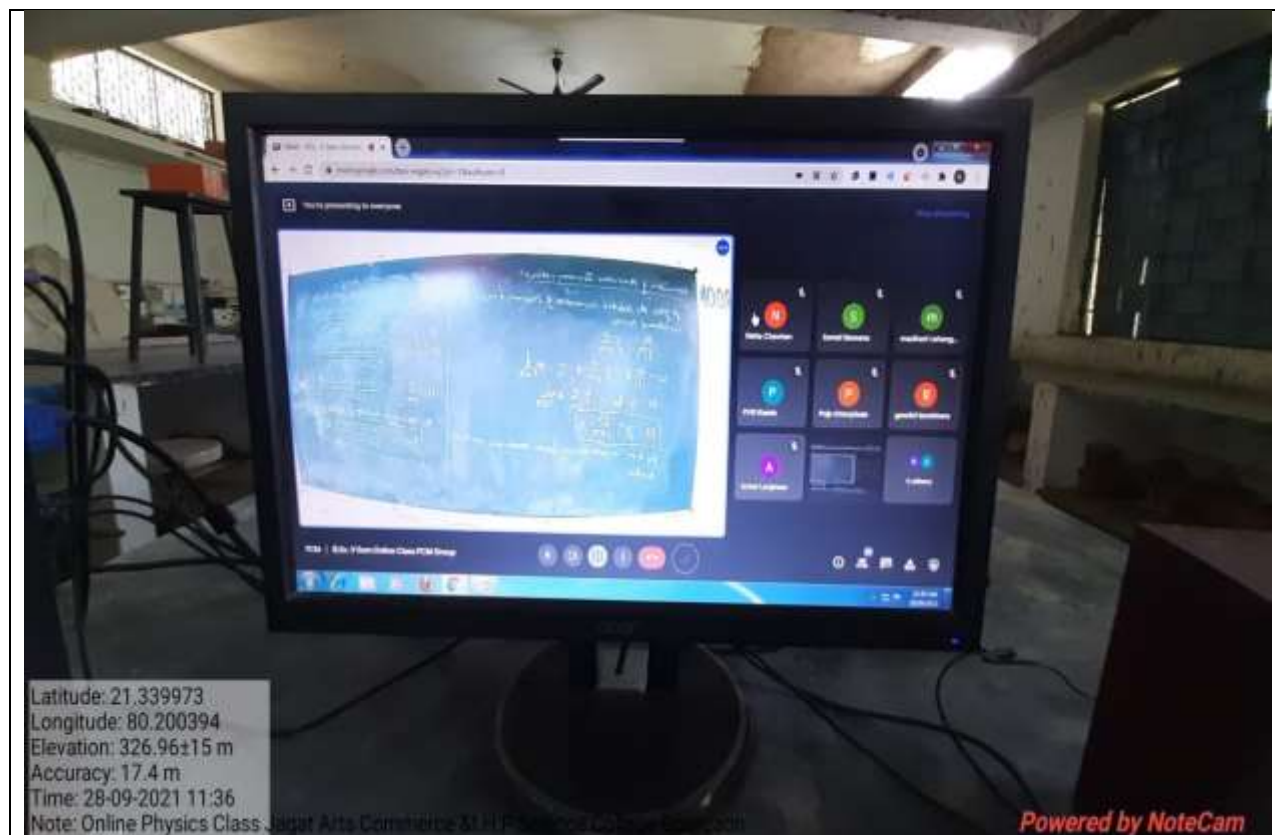
## Class Rooms





## Online Teaching





### 3. Laboratories

#### Physics Lab



## Chemistry Lab





GPS Map Camera



**Goregaon, Maharashtra, India**

86R2+58X, Goregaon, Maharashtra 441801, India

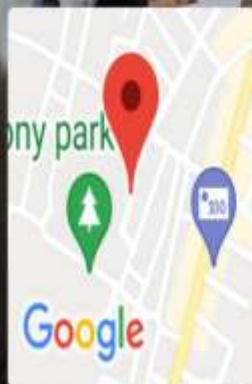
Lat 21.33996°

Long 80.20065°

02/12/21 02:36 PM



GPS Map Camera



**Goregaon, Maharashtra, India**

86R2+58X, Goregaon, Maharashtra 441801, India

Lat 21.340006°

Long 80.200732°

01/12/21 02:27 PM





Latitude: 21.340377  
Longitude: 80.200907  
Elevation: 333.57±1 m  
Accuracy: 42.3 m  
Time: 13-12-2021 15:46  
Note: Conductivity meter in Chemistry lab

Powered by NoteCam



Latitude: 21.340389  
Longitude: 80.2008  
Elevation: 333.57±1 m  
Accuracy: 62.6 m  
Time: 13-12-2021 15:49  
Note: Distill water plant in Chemistry lab

Powered by NoteCam



Latitude: 21.340392  
Longitude: 80.200847  
Elevation: 333.57±1 m  
Accuracy: 45.6 m  
Time: 13-12-2021 15:46  
Note: Electric oven in Chemistry lab

Powered by NoteCam

## Zoology Lab





Latitude: 21.339786  
Longitude: 80.200863  
Elevation: 333.67±1 m  
Accuracy: 10.9 m  
Time: 11-12-2021 12:11  
Note: Zoology Lab

Powered by NiteCam



Latitude: 21.339746  
Longitude: 80.200864  
Elevation: 333.67±2 m  
Accuracy: 16.9 m  
Time: 11-12-2021 12:10  
Note: Zoology Lab

Powered by NiteCam

## Botany Lab



Latitude: 21.339995  
Longitude: 80.200744  
Elevation: 333.57±1 m  
Accuracy: 8.9 m  
Time: 11-12-2021 12:03  
Note: Botany Practical



Latitude: 21.340001  
Longitude: 80.200883  
Elevation: 333.37±1 m  
Accuracy: 9.6 m  
Time: 11-12-2021 11:18  
Note: Botany Instrumentation Room



## Geography Lab





Latitude: 21.340181  
Longitude: 80.200599  
Elevation: 333.57±2 m  
Accuracy: 44.0 m  
Time: 11-12-2021 11:22  
Note: Geography Lab

Powered by NoteCam

### Language Lab



 **Note cam lite**  
Latitude : 21.340338634327054°  
Longitude : 80.20039144903421°  
Altitude : 263.0 meters  
Date : 12/09/2021 11:50 am  
Note : Captured by Note cam



### Commerce Lab





## Conference Hall



## Library





Latitude: 21.3397  
Longitude: 80.200694  
Elevation: 333.67±2 m  
Accuracy: 29.8 m  
Time: 11-12-2021 12:30  
Note: News paper reading facility in Library



Latitude: 21.339785  
Longitude: 80.200702  
Elevation: 333.67±1 m  
Accuracy: 22.2 m  
Time: 11-12-2021 12:30  
Note: Question paper in Library



Latitude: 21.339714  
Longitude: 80.200454  
Elevation: 333.67±1 m  
Accuracy: 130.8 m  
Time: 11-12-2021 12:29  
Note: Public access facility Library



Latitude: 21.339804  
Longitude: 80.201328  
Elevation: 333.67±1 m  
Accuracy: 47.9 m  
Time: 11-12-2021 12:28  
Note: Zerox in Library

Powered by NoteCam



Latitude: 21.339592  
Longitude: 80.200594  
Elevation: 333.67±1 m  
Accuracy: 54.6 m  
Time: 11-12-2021 12:27  
Note: Library

Powered by NoteCam



Latitude: 21.339932  
Longitude: 80.20078  
Elevation: 333.67±1 m  
Accuracy: 167.0 m  
Time: 11-12-2021 12:26  
Note: Magazine & Periodical

Powered by NoteCam



Latitude: 21.339857  
Longitude: 80.200359  
Elevation: 333.67±1 m  
Accuracy: 38.1 m  
Time: 11-12-2021 12:25  
Note: Fire extinguisher

Powered by NoteCam



Latitude: 21.339891  
Longitude: 80.201119  
Elevation: 333.57±2 m  
Accuracy: 33.2 m  
Time: 11-12-2021 12:24  
Note: New arrival book in Library

Powered by NoteCam



Latitude: 21.339984  
Longitude: 80.200686  
Elevation: 333.57±1 m  
Accuracy: 9.2 m  
Time: 11-12-2021 12:24  
Note: Book issue & Return counter Library

Powered by NoteCam



## Computing Equipment

