গড়গাঁও মহাবিদ্যালয়

GARGAON COLLEGE

PERSPECTIVE PLAN FOR INFRASTRUCTURE DEVELOPMENT

PHYSICAL INFRASTRUCTURE

Science Laboratories

Gargaon College has well-equipped laboratories for various disciplines. We have 20 laboratories for various disciplines 1 Language Lab for the Department of Assamese and English; 3 in Dept. of Botany, Zoology, Chemistry and Physics; 2 in Dept. of Geography, 1 each in the Department of Commerce, Education, Geology, Mathematics and PGDCA. Each laboratory has dedicated laboratory assistant for regular maintenance of laboratories equipment, chemicals, stock register, etc. on regular basis under the supervision of HOD's and Teacher – in – Charge of respective departments. They also keep records of all equipment purchased, repaired, etc.

Sl. No.	Particulars	Numbers			Remarks
		Normal	ICT	Total	
1	Classrooms	18	38	56	
2	Laboratories			20	• 1 Language Lab • 3 in Dept. of Botany • 3 in Dept. of Zoology • 3 in Dept. of Chemistry • 3 in Dept. of Physics. • 2 in Dept. of Geography. • 1 in Dept. of Commerce • 1 in Dept. of Education • 1 in Dept. of Geology • 1 in Dept. of Mathematics • 1 in Dept. of PGDCA

c) Computing equipment's

| Sl. No.	Name of the Department/Office	Software Uses	Purpose
1	Botany	• MEGA	Teaching & Practical
		• Microsoft Excel	Official Work, Computing and Statistical analysis for practical
2	Chemistry	• Gaussian • Gauss View • Chem craft • BIOVIA • Auto Dock • Discovery Studio • Chimera	Project
		• Chem Draw • ISIS Draw • Chem Lab • Avogadro • JMol • Chem Sketch • PyMol	Teaching
		• Microsoft Excel	Official Work, Statistical analysis for practical
3	Commerce	• Tally ERP 9	Teaching Accountancy
		• Microsoft Excel	Official Work, Statistical analysis for practical
4	Economics	• SPSS	Data Entry & Data Analysis
5	Geography	• ArcGIS • Q GIS	Practical (Map Making and Spatial Analysis.)
		• DNr Garmin	GPS data analysis (Practical and Field Data Analysis)
		• Microsoft Excel	Official Work, Statistical analysis for practical
6	Geology	• GIS Software	Geo-referencing and Digitization of satellite imagery (Practical and Research)
		• Microsoft Excel	Official Work, Statistical analysis for practical
7	Mathematics	• MATLAB • Mathematica • C++ • Scilab	Practical (Solving Algebraic, Matrix, Differential Equations, Linear Equations, Graph Plotting etc.)
		• Microsoft Excel	Official Work, Statistical analysis for practical

| Sl. No.	Name of the Department/Office	Software Uses	Purpose
8	Physics	• C++	Programming language and Basic mathematical calculations
		• Scilab	Solving higher-order differential and integral equations, quantum mechanical systems, and statistical mechanics problems
9	Statistics	• Advanced Microsoft Excel	Data Analysis, Visualization and Automation
		• R	Statistical Computing and Graphics
		• SPSS	Statistical Analysis (for social sciences, health sciences, and business research)
		• TORA	Solving optimization and simulation problems in operations research and management science
		• Python	Statistics and Data analysis
		• NumPy	For arrays, matrices, and mathematical functions
		• SciPy	For hypothesis testing, regression, distributions
10	Library	• KOHA	ILMS (For Library Automation)
		• dSPACE	Digital Library and Institutional Repository
		• SOUL	For Library Automation
		• OPAC/Web OPAC	For browsing the availability of Library document from anywhere 24X7
11	Administrative Office	• Tally ERP 9	Accounting Purpose

Laboratoreis

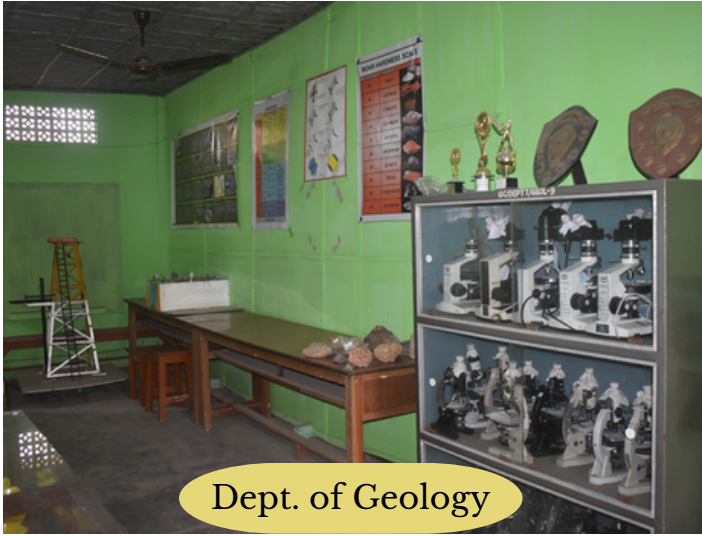Dept. of Geography
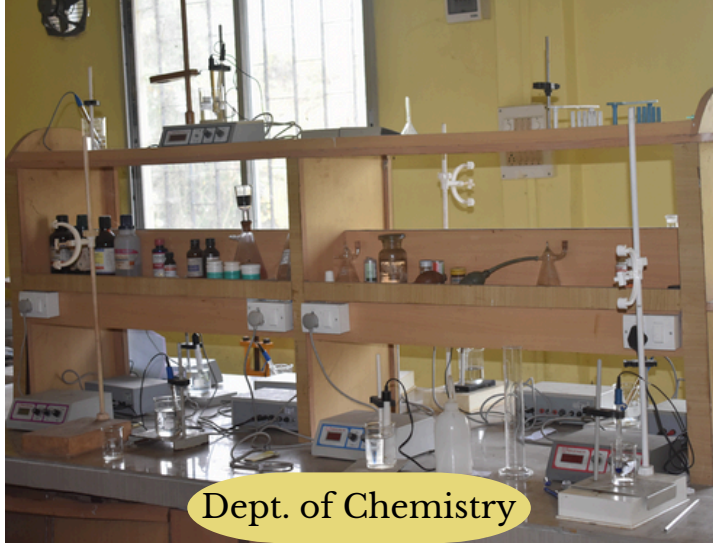
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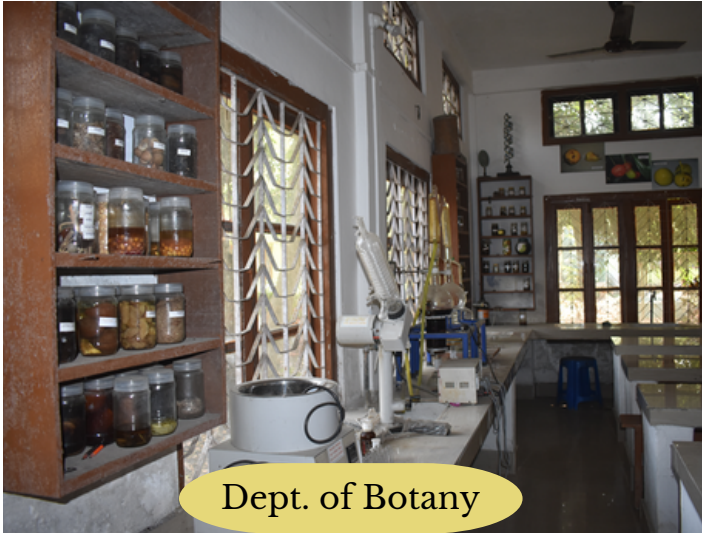
Dept. of Botany

Dept. of Commerce

Dept. of Geology

Dept. of Mathematics

GARGAON COLLEGE
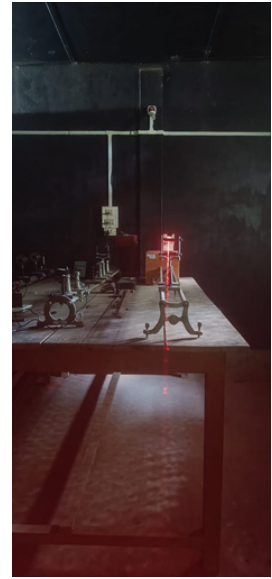
Dept. of Physics
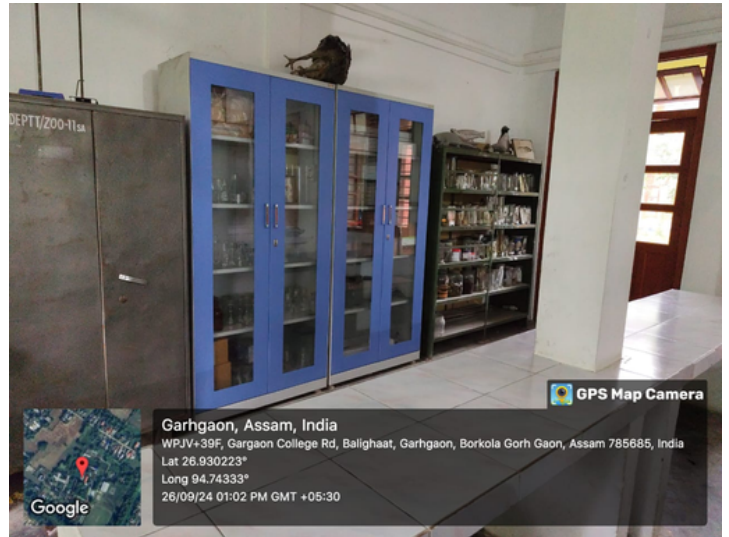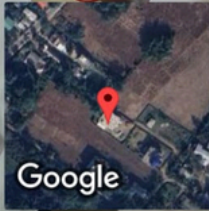

Dept. of Zoology

Biotech Hub

গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

Students during Practical Classes

GPS Map Camera

Garhgaon, Assam, India
WPJR+F4M, Kareng Ghar Rd, Garhgaon, Assam 785685, India
Lat 26.931083°
Long 94.740527°
29/05/23 12:19 PM GMT +05:30

Garhgaon, Assam, India
WPJV+39F, Gargaon College Rd, Balighaat, Garhgaon, Borkola Gorh Gaon, Assam 785685, India
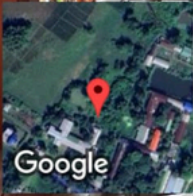Lat 26.930012°
Long 94.743523°
08/05/24 01:54 PM GMT +05:30

GPS Map Camera

Garhgaon, Assam, India
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Lat 26.930327°
Long 94.741174°
31/08/23 10:12 AM GMT +05:30

GPS Map Camera

Garhgaon, Assam, India
WPJV+39F, Gargaon College Rd, Balighaat, Garhgaon, Borkola Gorh Gaon, Assam 785685, India
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Long 94.742791°
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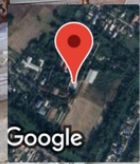

GPS Map Camera

Gargaon College, Assam, India
WPHV+J6X, Borkola Gorh Gaon, Assam 785685, India
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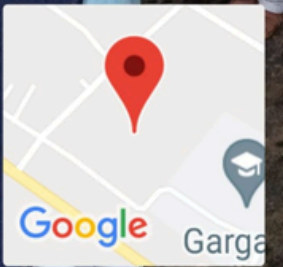Long 94.743671°
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GPS Map Camera

Gargaon College, Assam, India
WPHV+J6X, Borkola Gorh Gaon, Assam 785685, India
Lat 26.929285°
Long 94.743671°
21/03/23 11:48 AM GMT +05:30

গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

Gargaon College
WPHV+J6X, Borkola Gorh Gaon, Assam 785685, India
Lat 26.930176°
Long 94.744191°
21/03/24 10:30 AM GMT +05:30

Filed Based Practical Classes

গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE

During Training of the
Laboratory Assistant

GARGAON COLLEGE

Video Link of the Laboratory Infrastructure