



# গড়গাঁও মহাবিদ্যালয়

## GARGAON COLLEGE

***TEACHING PLAN***

***DEPARTMENT OF GEOLOGY***

***JULY 2019- JUNE 2020***

## TEACHING PLAN FOR ODD SEMESTER 2019

*Name of the Teacher: Dr Jatin Ch. Borgohain*

*Designation: Associate Professor*

*Semester: Odd Semester, 2019*

*Department: Geology*

*Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.*

*Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals.*

Semesters	Course Code and Title	Subject	L	T	P
Semester III	GEOM- 301 Geology- III	Theory : Structure & Tectonics	40	20	
	GEOG- 302 Geology- IV	Practical : Structural Geology			40
Semester V	GEOM – 502 Geology-X II	Practical : Palaeontology			40
	GEOM- 504 Geology- XIV	Practical : Economic Geology			40
	GEOM – 505 Geology-XV	Theory : Fossil fuel Class : 40	40	20	
	GEOM – 506 Geology-XVI	Practical : Structural Geology Part - II			40
	GEOM– 508 Geology- XVIII	Practical Paper : Surveying & Field Mapping			40
	GEOG 502	Hydrogeology, Petroleum Geology, Surveying (Practical)			40

**Name of the Teacher: Dr Chandraditya Gogoi**

**Designation: Assistant Professor**

**Semester: Odd Semester, 2019**

**Department: Geology**

**Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.**

**Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.**

<b>Semesters</b>	<b>Course Code and Title</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>
<b>Semester I</b>	C2 (Theory & Practical)	Crystallography & Mineralogy (Theory & Practical)	40	20	40
<b>Semester III</b>	GEOM –303 Geology- V	Theory : Crystallography and Mineralogy	40	20	
	GEOM –304 Geology- VI	Practical : Crystallography and Mineralogy			40
<b>Semester V</b>	GEOM – 507 Geology- XVII	Theory : Surveying & Field Mapping	40	20	
	GEOG– 501	Hydrogeology, Petroleum Geology, Surveying	40	20	

**Name of the Teacher: Ms Bonika. Buragohain**

**Designation: Assistant Professor**

**Semester: Odd Semester, 2019**

**Department: Geology**

**Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.**

**Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.**

<b>Semesters</b>	<b>Course Code and Title</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>
<b>Semester I</b>	GE1	Introduction to Geology (Theory & Practical)	40	20	40
<b>Semester III</b>	GEOG- 301 Geology- III	Theory : Principles of Stratigraphy and Geology of India Palaeontology	40	20	
<b>Semester V</b>	GEOM- 503 Geology- XIII	Theory : Economic Geology Class : 40	40	20	

*Bonika Buragohain*  
Head of the Department  
Department of Geology  
Gargaon College

## Teaching Plan for Even Semester 2020

*Name of the Teacher: Dr Jatin Ch. Borgohain*

*Designation: Associate Professor*

*Semester: Even Semester, 2020*

*Department: Geology*

*Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.*

*Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.*

<b>Semesters</b>	<b>Course Code and Title</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>
<b>Semester VI</b>	GEOM – 602 Geology- XX	Practical : Mining & Engineering Geology			40
	GEOM – 606 Geology- XXIV	Practical : Satellite Imagery , Project work on Env. Geology			40
	GEOM – 608 Geology- XXIV	Practical Paper : Hydrogeology			40

**Name of the Teacher: Dr Chandraditya Gogoi**

**Designation: Assistant Professor**

**Semester: Even Semester, 2020**

**Department: Geology**

**Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.**

**Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.**

<b>Semesters</b>	<b>Course Code and Title</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>
<b>Semester II</b>	GE2	Geochemistry and Optical Mineralogy (Theory & Practical)	60	40	40
<b>Semester IV</b>	GEOM – 401 Geology- VII	Theory : Igneous Petrology Class : 40	60	40	
	GEOM – 402 Geology- VIII	Practical Paper : Igneous Petrology			40
<b>Semester VI</b>	GEOM- 604 Geology- XXII	Practical : Field work		40	
	GEOM – 605 Geology- XXIII	Theory : Environmental Geology and Remote Sensing  Class : 40		60	
	GEOM – 606 Geology- XXIV	Practical : Satellite Imagery , Project work on Env. Geology		40	
	GEOM – 607 Geology-XXV	Theory : Hydrogeology & Oceanography Class : 40		60	

**Name of the Teacher: Ms Bonika. Buragohain**

**Designation: Assistant Professor**

**Semester: Even Semester, 2020**

**Department: Geology**

**Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.**

**Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.**

<b>Semesters</b>	<b>Course Code and Title</b>	<b>Subject</b>	<b>L</b>	<b>T</b>	<b>P</b>
<b>Semester II</b>	GE2	Paleontology (Theory & Practical)	60	40	40
<b>Semester IV</b>	GEOM – 403 Geology- IX	Theory Paper : Sedimentology and Metamorphic Petrology	30	20	
	GEOM –404 Geology- X	Practical Paper : Sedimentology and Metamorphic Petrology			20
<b>Semester VI</b>	GEOM- 601 Geology- XIX	Theory : Mining & Engineering Geology	60	40	
	GEOM – 605 Geology- XXIII	Theory : Environmental Geology and Remote Sensing	60	40	

**Name of the Teacher: Dr Chirantan Bhagawati**

**Designation: Assistant Professor**

**Semester: Even Semester, 2020**

**Department: Geology**

**Methods to be applied: Lectures on theory & practical aspects, implementation of skill development and analytical activities, interaction and discussion focusing on development of critical thinking.**

**Teaching materials: Laptop, PC, Projector, Green/white board, chalk, pencils, duster, book, journals, newspaper, magazine, periodicals, Google Meet, Zoom.**

Semesters	Course Code and Title	Subject	L	T	P
Semester II	C4	Structural Geology (Theory & Practical)	60	40	40
Semester IV	GEOM – 403 Geology- IX	Theory Paper : Sedimentology and Metamorphic Petrology	30	20	
	GEOM –404 Geology- X	Practical Paper : Sedimentology and Metamorphic Petrology			20
Semester VI	GEOM- 603 Geology- XXI	Theory : Geological , Geochemical , Geophysical Exploration	60	40	
	GEOM- 604 Geology- XXII	Practical : Field work			40

*Chirantan Bhagawati*  
Head of the Department  
Department of Geology  
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