

## GUJARAT UNIVERSITY

### Design and Structure of Applied Geology (Earth Sciences) PG Courses for Credit Based Semester System to be implemented from June 2019

Semester	Course		No. of Hours per week				Course credits
	No.	Name	Lectures	Others	Practicals	Total	
<b>1</b>	AGL401	Crystallography, Mineralogy, & Optics	3	1		4	4
	AGL402	Igneous Petrology	3	1		4	4
	AGL403	Sedimentary Petrology	3	1		4	4
	AGL404	Geochemistry, Geophysics and Engineering Geology	3	1		4	4
	AGL405 PR	Mineralogy and Igneous Petrology Lab.			6	6	4
	AGL406 PR	Sedimentary Petrology Lab + Seminar + Viva Voce			6	6	4
		<b>Total</b>		<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>
<b>2</b>	AGL407	Tectonics & Crustal Evolution	3	1		4	4
	AGL408	Stratigraphy	3	1		4	4
	AGL409	Structural Geology	3	1		4	4
	AGL410	Remote Sensing and GIS; Geomorphology	3	1		4	4
	AGL411 PR	Structural Lab.			6	6	4
	AGL412 PR	Geomorphology, Remote Sensing & GIS Lab.; Fieldwork and Viva Voce			6	6	4
		<b>Total</b>		<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>

## GUJARAT UNIVERSITY

### Design and Structure of Applied Geology (Earth Sciences) PG Courses for Credit Based Semester System to be implemented from June 2019

Semester	Course		No. of Hours per week				Course credits
	No.	Name	Lectures	Others	Practicals	Total	
<b>3</b>	AGL501	Metamorphic Petrology	3	1		4	4
	AGL502	Economic Geology	3	1		4	4
	AGL503	Fuel Geology & Mining Geology	3	1		4	4
	AGL504	Palaeontology & Palynology	3	1		4	4
	AGL505 PR	Palaeontology Lab			6	6	4
	AGL506 PR	Metamorphic Petrology Lab + Seminar + Viva Voce			6	6	4
		<b>Total</b>		<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>
<b>4</b>	AGL507	Hydrogeology	3	1		4	4
	AGL508	Dissertation, Industrial Training	3	1		4	4
	AGL509	Dissertation, Industrial Training (Continue)	3	1		4	4
	AGL510	Dissertation, Industrial Training (Continue)	3	1		4	4
	AGL511 PR	Hydrogeology Lab & Viva Voce			6	6	4
	AGL512 PR	Presentation on Dissertation, Training & Viva Voce			6	6	4
		<b>Total</b>		<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>