

# COURSE STRUCTURE

## (Postgraduate Academic Program)

Modified on: 28.06.2021

### 3-Year M. Sc. Tech (Applied Geology)

#### (DEPARTMENT OF APPLIED GEOLOGY)

		S E M E S T E R										
C O U R S E	FIRST		SECOND		<b>Guidelines for DEPG/OEPG Courses</b>  <ul style="list-style-type: none"> <li>All DEPG/OEPG courses, prescribed for 3<sup>rd</sup>, 4<sup>th</sup> &amp; 6<sup>th</sup> Semester will be suggested by the concerned Thesis Supervisor.</li> <li>Only one course to be chosen for DEPG/OEPG courses from each basket of a semester.</li> <li>List of the DEPG/OEPG courses given in the Basket(s) may be changed for any semester by the department.</li> </ul>	THIRD		FOURTH		<b>FIFTH</b>  GLC597 36 Credits Thesis	SIXTH	
	GLC 501 DC1	3-0-0-9	GLC509 DC6	3-0-0-9		GLC518 DC11	3-0-0-9	GLC526 DC14	3-0-0-9		DE/OE	3-0-0-9
	GLC 502 DC2	3-0-0-9	GLC510 DC7	3-0-0-9		GLC519 DC12	3-0-0-9	GLC527 DC15	3-0-0-9		DE/OE	3-0-0-9
	GLC 503 DC3	3-0-0-9	GLC511 DC8	3-0-0-9		GLC520 DC13	3-0-0-9	DE2	3-0-0-9		GLS548	0-0-0-0 S/X
	GLC 504 DC4	3-0-0-9	GLC512 DC9	3-0-0-9		DE1	3-0-0-9	DE3	3-0-0-9		GLC598 18 Credits Thesis	
	GLC 505 DC5	3-0-0-9	GLC513 DC10	3-0-0-9		OE1	3-0-0-9	OE2	3-0-0-9			
	GLC 506 DP1	0-0-3-3	GLC514 DP4	0-0-3-3		GLC524 DP7	0-0-2-2	GLC533 DP9	0-0-2-2		--	--
	GLC 507 DP2	0-0-2-2	GLC515 DP5	0-0-3-3		GLC525 DP8	0-0-3-3	GLC534 DP10	0-0-3-3		--	--
	GLC 508 DP3	0-0-2-2	GLC516 DP6	0-0-2-2		--	--	GLS535 DC	0-0-0-0 S/X		--	--
	--	--	GLS517	0-0-0-0 S/X		--	--	--	--		--	--
<b>Credits</b>	52		53		50		50	36		36		

MINIMUM CREDIT REQUIREMENTS FOR GRADUATION:	
Details	Credits
Departmental Compulsory (DC)	126
Departmental Compulsory/Departmental Elective	9
Departmental Practical (DP)	25
Departmental Elective (DEPG)	27
Open Elective (OEPG)	18
Departmental Elective/Open Elective	18
Thesis Unit	54
<b>Total</b>	<b>277</b>

LIST OF DEPARTMENTAL ELECTIVES (DEPG)				
Basket of (DE-1) (M)	Basket of (DE-2) (W)	Basket of (DE-3) (W)	Basket of (DE-4) (W)	Basket of (DE-5) (W)
GLD521	GLD528	GLD530	GLD 540	GLD 543
GLD522	GLD529	GLD531	GLD 541	GLD 544

OPEN ELECTIVE (OEPG)	
Monsoon	Winter
GLD 543	GLD543
GLD 544	GLD544

# COURSE STRUCTURE

## (Postgraduate Academic Program)

Modified on: 28.06.2021

### 2-Year M. Tech. (Engineering Geology)

#### (DEPARTMENT OF APPLIED GEOLOGY)

S E M E S T E R								
C O U R S E	FIRST		Guidelines for DEPG/OEPG Courses	SECOND		THIRD	FOURTH	
	GLC579 DC1	3-0-0-9	<ul style="list-style-type: none"> <li>• All DEPG/OEPG courses, prescribed for 2<sup>nd</sup> and 4<sup>th</sup> Semester will be suggested by the concerned Thesis Supervisor.</li> <li>• Only one course to be chosen for DEPG/OEPG courses from each basket of a semester.</li> <li>• List of the DEPG/OEPG courses given in the Basket(s) may be changed for any semester by the department.</li> </ul>	DE1	3-0-0-9	GLC597 36 Credits Thesis	DE/OE	3-0-0-9
	GLC580 DC2	3-0-0-9		DE2	3-0-0-9		DE/OE	3-0-0-9
	GLC581 DC3	3-0-0-9		DE3	3-0-0-9		GLC598 18 Credits Thesis	
	GLC558 DC4	3-0-0-9		OE1	3-0-0-9		GLS548	0-0-0-0 S/X
	GLC559 DC5	3-0-0-9		OE2	3-0-0-9			
	GLC582 DP1	0-0-2-2		GLC584 DP3	0-0-2-2		--	--
	GLC583 DP2	0-0-2-2		GLC562 DP4	0-0-2-2		--	--
	<b>Credits</b>	49			49		36	

MINIMUM CREDIT REQUIREMENTS FOR GRADUATION:	
Details	Credits
Departmental Compulsory (DC)	45
Departmental Compulsory/Departmental Elective	18
Departmental Practical (DP)	08/10
Departmental Elective (DEPG)	09
Departmental Elective/Open Elective	36
Thesis Unit	54
<b>Total</b>	<b>170</b>

LIST OF DEPARTMENTAL ELECTIVES (DEPG)				
Basket of (DE-1)	Basket of (DE-2)	Basket of (DE-3)	Basket of (DE-4)	Basket of (DE-5)
GLD572	GLD591	GLD592	GLD594	GLD577
GLD574	GLD570	GLD593	GPD552	GPD523

OPEN ELECTIVE (OEPG)	
Monsoon	Winter
--	GLO595 (GLD575)
--	GLO596 (GLD 578)
--	GLO597
--	GPD 551

# COURSE STRUCTURE

## (Postgraduate Academic Program)

Modified on: 28.06.2021

### 2-Year M. Tech. (Geo Exploration)

#### (DEPARTMENT OF APPLIED GEOLOGY)

		<b>S E M E S T E R</b>									
<b>C O U R S E</b>	<b>FIRST</b>		<b>Guidelines for DEPG/OEPG Courses</b>		<b>SECOND</b>		<b>THIRD</b>		<b>FOURTH</b>		
	GLC556/ GPC550 DC1	3-0-0-9	<ul style="list-style-type: none"> <li>• All DEPG/OEPG courses, prescribed for 2<sup>nd</sup> and 4<sup>th</sup> Semester will be suggested by the concerned Thesis Supervisor.</li> <li>• Only one course to be chosen for DEPG/OEPG courses from each basket of a semester.</li> <li>• List of the DEPG/OEPG courses given in the Basket(s) may be changed for any semester by the department.</li> </ul>	DE1	3-0-0-9	<b>GLC597 36 Credits Thesis</b>	DE/OE	3-0-0-9			
	GLC557 DC2	3-0-0-9		DE2	3-0-0-9		DE/OE	3-0-0-9			
	GPC551 DC3	3-0-0-9		DE3	3-0-0-9		<b>GLC598 18 Credits Thesis</b>				
	GLC592 DC4	3-0-0-9		OE1	3-0-0-9						
	GLC559 DC5	3-0-0-9		OE2	3-0-0-9		GLS548	0-0-0-0 S/X			
	GLC560/ GPC552 DP1	0-0-3-3		GPC553 DP3	0-0-2-2		--	--			
	GLC561 DP2	0-0-3-3		GLC562 DP4	0-0-2-2		--	--			
	<b>Credits</b>	51			49		36		36		

<b>MINIMUM CREDIT REQUIREMENTS FOR GRADUATION:</b>	
<b>Details</b>	<b>Credits</b>
Departmental Compulsory (DC)	45
Departmental Compulsory/Departmental Elective	18
Departmental Practical (DP)	10
Departmental Elective (DEPG)	09
Departmental Elective/Open Elective	36
Thesis Unit	54
<b>Total</b>	<b>172</b>

<b>LIST OF DEPARTMENTAL ELECTIVES (DEPG)</b>				
<b>Basket of (DE-1)</b>	<b>Basket of (DE-2)</b>	<b>Basket of (DE-3)</b>	<b>Basket of (DE-4)</b>	<b>Basket of (DE-5)</b>
GLD569	GLD572	GPD523	GLD576	GLD578
GLD570	GLD573	GLD575	GPD551	GPD552
GLD571	GLD574	--	GLD577	--
--	GPD550	--	--	--

<b>OPEN ELECTIVE (OEPG)</b>	
<b>Monsoon</b>	<b>Winter</b>
--	GPO 515
--	GPO 516
--	GPO 563
--	GPO 564