Semester Lecture Plan

Name of th	ne college: Gover	nment College	of Arts, Sci	ence & Commerce, Sanqu	elim, Goa-India			
Name of F	aculty: Ms. Mag	gnolia Aurea M	Iiranda	Subject: Geology				
Paper cod	e: GEO-241			Program/Course: SY I	Division:	Division:		
Academic	year: 2024 - 202	5		Semester: III		Total Lectu	Total Lectures: 15	
 Describ Describ Course Le Explain Examin 	e the natural, syn e the physical an <mark>arning Outcome</mark>	nthetic, and o ad optical proj : d optical prop in crystals and	rganic gems perties of cr erties of cry	ystals and gemstones. Cl vstals/gemstones. CL2				
Month	Lect From:	tures To:	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books	
JUNE	28/6/24	29/6/24	1	Minerals and Mineraloids		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>	
JULY	1/7/24	6/7/24	1	Occurrence of Minerals in rocks		Projector	Sinkankas, J., (1969)	

							Mineralogy: A First Course
	08/7/24	13/7/24	1	Occurrence of Minerals in rocks		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	15/7/24	20/7/24	1	Occurrence of Minerals in rocks		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	22/7/24	27/7/24	1	Crystals and their characteristics - Faces, Systems, Symmetry, Forms		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	29/7/24	31/7/24	1	Crystals and their characteristics - Faces, Systems, Symmetry, Forms		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	1/8/24	3/8/24	1	Gemstones - natural, synthetic gemstones and organic products	Assignment	Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
August	5/08/24	10/8/24	1	Physical and optical properties of crystals/gemstones		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>

	12/8/24	17/8/24	1	Physical and optical properties of crystals/gemstones		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	19/8/24	24/8/24	1	Imperfections in Crystals		Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	26/8/24	31/8/24	1	Internal Imperfections: Internal (point defects, Inclusions), Chatoyancy, Asterism	Assignment	Projector	Sinkankas, J., (1969) <i>Mineralogy: A</i> <i>First Course</i>
	9/9/24	14/9/24	1	Factors deciding the cost of a gemstone		Projector	Read, P. G., (1991). <i>Gemmology</i>
September	16/9/24	21/9/24	1	Enhancement and Treatments of gemstones	Assignment	Projector	Read, P. G., (1991). <i>Gemmology</i>
	23/9/24	28/9/24	1	Synthesis of gemstones	Assignment	Projector	Read, P. G., (1991). <i>Gemmology</i>
October	1/10/24	5/10/24	1	Need for Faceting. Styles of cut	Assignment	Projector	Read, P. G., (1991). <i>Gemmology</i>

7/10/24	12/10/24	1	Revision		
14/10/24	19/10/24	1	Revision		

Component		Max Marks
	ISA 1	5
Theory	ISA 2	5
	ISA 1	5
	ISA 2	5
Practical	ISA 3	5
Project	-	-
Semester End Exam	Theory	20
	Practical	40

Assessment Rubrics