

9B	List of courses addressing <b>Local Needs</b>		
	<i>Course Code</i>	<i>Course Title</i>	<i>Brief Justification</i>
	GL20101-CR	Structural Geology	The study of this course will strengthen student's knowledge concerning understanding the essentials of the structural dynamics of the earth. The student will gain knowledge of the geometry of the rock structures, and understand the mechanism of the evolution of rock structures and its application in the field. This course will help them to understand the concept of epeirogeny and orogeny.
	GL20104-CR	Geomorphology	Students who complete this course will be able to identify landforms linked to various geomorphic agents and use them for the appropriate purposes, such as building dams, tunnels, mining, mineral exploration, paleoclimatic studies, etc.
	GL20106-DCE	Environmental Geology	The ability to recognize and control natural hazards and the environmental effects of engineering projects will be taught to the students. In addition, there are methods for controlling the use of natural resources including water, soil, and minerals, as well as techniques to prevent environmental damage.
	GL20206-DCE	Natural Hazards	By the completion of the course, students will be able to comprehend the different kinds of natural hazards, their causes, and ways to mitigate their effects.
	GL20209-GE	Natural Resources of J&K	This course will familiarise students with J&K's natural resources and assist them in discovering methods to preserve and responsibly utilize them.
	GL20310-OE	Precious stones	The main goal is to provide students with the knowledge and abilities necessary to succeed as gemmologists by familiarising them with the many terms used in the gem industry.