

10B List of Employability Courses:

<i>Course Code</i>	<i>Course Title</i>	<i>Brief Justification</i>
GL20106-DCE	Environmental Geology	The students will learn the skills of identifying the environmental impacts of engineering projects. Besides, the ways of protecting the environments from degradation.
GL20107-DCE	Petroleum and Coal Geology	The course provides the student essential and basic concepts of mineral expiration techniques and the art and science of finding mineral resources.
GL20208-DCE	Oceanography and Marine Geology	To provide essential concepts of oceanography and to study the tectonics, geology, economic resources with respect to the oceans
GL20307-DCE	Ore Geology	The students will get familiarized about the processes involved in the formation of various ore minerals. The students will be appraised about the origin, migration and accumulation of petroleum; it will also provide basic skills in prospecting, drilling and logging operation in oil, gas, coal and other economic mineral explorations.
GL20306 - DCE	Geophysics	The student will acquire skills to use various geophysical methods for exploration purposes. The geophysical techniques in the course include seismic, gravity, magnetic and electrical resistivity methods and their various applications.
GL20401-CR	Exploration & Mining Geology	The study of the Earth's structure and processes, plays a crucial role in identifying resource-rich areas through geological surveys and mapping. This foundational step sets the stage for exploration activities, ensuring the responsible extraction of minerals and metals.
GL20405-DCE	Engineering Geology	The students will learn different geological considerations and environmental aspects of engineering projects, like tunnelling, road building, dam construction etc