

VI. PROGRAMME LEARNING OUTCOMES (PLO's)

Programme Outcomes (PO)	Short Title of the POs	Description of the Programme Outcomes Graduates will be able to :
PO-1	Use of Technology, Problem Analysis and Solutions	Apply appropriate IT tools efficiently in their daily life-professional and personal. Think critically, identify, analyze problems/ situations and further attempt to design/ develop solutions that meet the specified goals.
PO-2	Environment and Sustainability and Ethics	Be aware of environmental issues and commit towards sustainable development at local/ national and global context. Recognize and understand professional ethics /human values and be responsible.
PO-3	Individual and Team work, Communication and Life Skills	Function effectively at various levels, capacities and situations. Communicate proficiently (oral and written) as a responsible member of society. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of domain specific change.
PO-4	Research Aptitude and Social Responsibility	Understand general research methods and be able to analyse, interpret and derive rational conclusions.

PROGRAMME LEARNING OUTCOMES (PLO)

After successful completion of a Bachelor's degree in Geology, the students will be able to :

PLO-1	Explain the theoretical concepts involved in courses like Mineralogy, Petrology and Structural Geology.
PLO-2	Apply theoretical concepts involved in mineral forming to confidently identify them in hand as well as in thin sections.
PLO-3	Analyse the theoretical concepts and apply them in interpreting the various petrographic features in rocks exhibited in hand specimens and in thin sections.
PLO-4	Create, analyse and interpret structural geological maps.
PLO-5	Make good field observations during field excursions and relate their understanding of various structural and petrological features learnt in classroom for correct interpretation.
PLO-6	Communicate confidently and write geological reports.
PLO-7	Demonstrate content knowledge appropriate to professional career goals