

3. Biswas, S.K., Dave, A., Garg, P., Pandey, J., Maithani, A. and Thomas, N.J. (Eds.). Proceedings of 2nd Seminar on Petroleum basins of India, Dehra Dun, Dec. 18-20, 1991, Vol.3, Indian Petroleum Publishers, Dehra Dun, 1994. 4. Singh, L. Oil and Gas Field of India, Indian Petroleum Publishers, Dehra Dun, 2000.	
GLO-239: Geomorphology	3-0-0 = 3 Credits
Introduction to Geomorphology ; Tectonic Geomorphology; Weathering Processes and Landforms; Mass Wasting Processes and Landforms; Glaciers and Glacial Processes; Glacier Processes and Landforms; Periglacial Processes and Landforms; Fluvial Processes and Landforms; Topic 9: Coastal Processes and Landforms; Geomorphology of Aeolian Landscapes; Geomorphology of Karstic Landscapes; Applied Geomorphology. <u>List of Books:</u> 1. Bird, E. C. F. (2000) Coastal Geomorphology: An Introduction. Chichester: JohnWiley & Sons. 2. Goudie (Ed.) Encyclopedia of Geomorphology, Vol 1 & 2; Routledge-Taylor & Francis; 2004 3. Richard Huggett. Fundamentals of Geomorphology 2nd Edition. 2007. Routledge-Taylor & Francis 4. Smithson et al. Fundamentals of the Physical Environment 4th edition. 5. Summerfield, M.A 2005. GlobalGeomorphology 6. Thornbury, W. D. (1954) Principles of Geomorphology, 1st edn. New York: JohnWiley & Sons.	
GLO-240: Basics of RS, GIS and GNSS	3-0-0 = 3 Credits
Course Content as per the IIRS-ISRO offered Course in Distance/Internet Mode using EDUSAT facility	
GLO-241: Geoscience and Society	2-0-0 = 2 Credits
Application of fundamental geological principles to issues of concern to society such as global climate change; wildfires; drought and water resources; earthquake, volcano, and tsunami hazards; medical geology; energy resources; sustainability; coastal processes	
GLO-242: Internship in Geoscience	0-0-3 = 3 Credits
Preparation of written report and oral presentation to Department summarizing internship experience and evaluating the applicability of academic experience to job situations and the impact of the internship experience on academic and career plans. Students with summer /winter internship must pre-register for the corresponding semester. Internship can be undertaken at any scientific/research/professional (private/govt) organizations related to Geosciences	
GLO-243: Geoscience Software	0-0-2 =2 Credits
Introduction to applications of computers in geosciences; Most common geoscience software; Data entry, data import, charts preparation, Data analysis using Surfer, Rockware Utilities, Rock Works. <u>List of Books:</u> 1. Manuals of software (soft copies) 2. Help documentation built-in software 3. Web resources	
GLO- 244: Seminar Participation	0-0-1 = 1 credit
Participation of Students at any Regional/National/International seminars/ conferences/ workshops - Attendance or paper presentation undergoing specialized training. Students are required to submit a detailed report on their participation and the knowledge gained from technical presentations.	
GL O-245: Physical Training / Sports Participation	0-0-1 = 1 credit
Students to show their participation in sports/physical training on a regular basis, to maintain a	