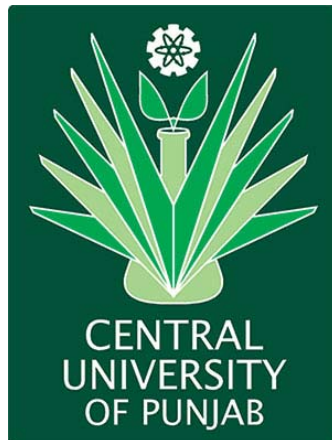


**CENTRAL UNIVERSITY OF PUNJAB, BATHINDA**



***Master of Arts in Geography***

**Academic Session 2019-21**

**Department of Geography and Geology**

<b>Course Title</b>	Seminar	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>		
<b>Course Code</b>	GEO.543	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>		
<b>Course Detail:</b> The student will prepare a report under the guidance of faculty assigned as supervisor and present it for evaluation.							
<b>Evaluation Criteria</b>							
Literature Strength (out of 20)	Organization of content (out of 20)	Presentati on (out of 20)	Discussio n (out of 10)	Report Evaluatio n (out of 30)	Total (out of 100)		
<b>Course title</b>	Introduction to Map Reading (VAC)			<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
<b>Course code</b>	GEO.503			<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>
<b>Total Hour:</b> 15 Hours							
<b>Learning outcome:</b> The practice of theoretical knowledge will help the students in applying at ground observation in field and to learn essential observational and practical skills. This paper will help the student to formulate their knowledge in field trip and will be able to identify different land features in toposheets for adaptation in field work environment in certain professional and scientific organizations.							
<b>Unit I:</b>							
Introduction to map: Concept, history and applications; Scale in map and its usage.							
<b>Unit II:</b>							
Introduction to Topographical maps: Compositions and conventional symbols: Reading of Toposheets at scale of 1:50,000							
<b>Unit III:</b>							
Preparation of Thematic Map/and Generation of Data from the topographical maps (land use map and area under different land-use categories)							
<b>Unit IV:</b>							
Interpretation of Toposheets: Representation of features in classroom exercises.							
<b>Mode of Transaction:</b> Hand on exercise with toposheets and lab exercises.							
<b>Suggested Reading:</b>							
<ol style="list-style-type: none"> <li>Misra, R.P. and Ramesh, A. (1989). Fundamental of Cartography, Concept Publishing Company, New Delhi.</li> <li>Singh, R.L. Elements of Practical Geography,</li> <li>Robinson, A.H. et al. (1992). Elements of Cartography, John Willy &amp; Sons, New York, 6th edition.</li> </ol>							
<b>Evaluation Criteria:</b> Examination (60%), Practical files (20%), Viva (20%)							

<b>Course Title</b>	Project	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
<b>Course Code</b>	GEO.599				
<b>Total Hour:</b> 90 Hours					
<b>Course Objective:</b> The student will prepare a report under the guidance of faculty assigned as supervisor and present it for evaluation.					
<b>Evaluation criteria</b>					
Literature Strength (out of 20)	Organization of content (out of 20)	Presentati on (out of 20)	Discussio n (out of 10)	Report Evaluation (out of 30)	Total (out of 100)

**Elective courses II: Select any one elective course and its respective practical course from the followings:**

<b>Course Title:</b> Geography of Disaster	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>
<b>Course Code:</b> GEO.554	4	-	-	4
<b>Total Hour:</b> 60 Hours				
<b>Course Objectives:</b> The course in Geography, as a science of human-environment interactions, offers key analytical tools for understanding the complex causes and uneven impacts of disaster and hazards around the world. It explores various types and impacts of disasters.				
<b>Learning Outcome:</b> The student would gain knowledge about disaster concepts and phenomena. It would give theoretical understanding				
<b>Unit I: (14 Lectures)</b>				
<ul style="list-style-type: none"> <li>• Introduction to Disaster: Concept of Hazard and Catastrophe; Geographical analysis of Disaster study.</li> <li>• Concept of vulnerability and risk</li> <li>• Impacts of Disasters: Social, Economic, political, environmental, health, psychological; Differential impacts: Caste, class, gender, age, location, disability.</li> </ul>				
<b>Unit II: (14 Lectures)</b>				
<ul style="list-style-type: none"> <li>• Classification of Disasters: Natural and man made disaster;</li> <li>• Natural Disaster study (Causes, Assessment and Management): Cyclones, droughts, forest fires, earthquakes, volcanoes, landslides.</li> </ul>				
<b>Unit III: (14 Lectures)</b>				
<ul style="list-style-type: none"> <li>• Man-made disaster study: Fire, Terrorism, Food poisoning, stampedes.</li> </ul>				
<b>Unit IV: (14 Lectures)</b>				
<ul style="list-style-type: none"> <li>• Mitigation, prevention, preparedness, response and recovery;</li> <li>• Applications of GIS and Remote sensing in disaster studies.</li> </ul>				
<b>Mode of Transaction:</b> Lecture, class discussion, presentation methods will be used for teaching. Tools such as whatsapp, ppt., and video will also be used.				