

Sr. No.	Name of Programme	Name of Course	Duration of Course	Sanctioned Intake	Eligibility Condition
1	M.Sc.	Geography	2 Years	40	B.A./B.Sc. (General or Hons.) with Geography as a subject with at least 45% marks in aggregate (42.75% in case of SC/ST/Blind/Visually/Differently Abled etc. candidates).

### Program-Specific Career Options:

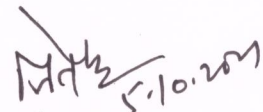
1	Program of Study and its duration	<b>M.Sc. Geography (2-Years)</b>
2	MOU's and Collaboration for this program	-Nil- (Planning for the collaboration with HARSAC)
3	Business Houses/Companies which visits Campus for Recruitment	-Nil-
4	Details of Business Houses/Companies offering in-industrial projects/ training	----
5	Projects/training offered by University	----
6	Entrepreneurship Opportunities	<p>Entrepreneurship opportunities and can venture into the following sectors:</p> <ul style="list-style-type: none"> <li>• Remote Sensing &amp; GIS Industry,</li> <li>• Tourism Industry,</li> <li>• Transportation agencies</li> <li>• Health sector,</li> <li>• Environmental agencies,</li> <li>• urban and rural planning,</li> <li>• Remote Sensing and GIS Experts,</li> <li>• Logisticians and Supply Chain Analysts, Sustainability Managers,</li> <li>• Market Research Analysis,</li> <li>• Spatial Data Analysis,</li> <li>• Spatial Statisticians,</li> <li>• Geographic Consultant,</li> <li>• Environmental Impact Assessment (EIA) etc.</li> </ul>
7	Opportunities in Education Sector	<p><b>Teaching:</b> Assistant Professor in Colleges and Universities</p> <p><b>Research:</b> Research Assistant, Research Associate, Research Project Staff etc.</p>
8	Opportunities as Social Worker	<ul style="list-style-type: none"> <li>• NGO working in the field of environment protection, Human Rights,</li> <li>• Healthcare sector</li> <li>• Implementation of Sustainable Development Goals (SDG),</li> <li>• Common Property Rights Management</li> <li>• Public policy and advocacy,</li> <li>• Environmental protection and conservation,</li> <li>• Environmental Impact Assessment (EIA),</li> <li>• Environmental Awareness Program,</li> <li>• Climate Change,</li> <li>• Disaster Management and Mitigation.</li> </ul>
9	Opportunities in other Nations	Opportunities in the following fields of Geospatial Science & Technology:


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		<ul style="list-style-type: none"> <li>• United Nations Environment Program,</li> <li>• United Nations Development Program,</li> <li>• Food &amp; Agriculture Organisation,</li> <li>• World Bank,</li> <li>• World Meteorological Organization</li> <li>• International Union for Conservation of Nature,</li> <li>• Asian Development Bank,</li> <li>• Environmental-protection agencies,</li> <li>• United Nations World Tourism Organization,</li> <li>• International Labour Organization,</li> <li>• United Nations Educational, Scientific and Cultural Organization</li> <li>• World Health Organisation,</li> <li>• International Organization for Migration</li> <li>• World Wildlife Fund,</li> <li>• International Maritime Organisation etc.</li> </ul>
10	Opportunities as an Academician	As Academic Consultant, Research work, Faculty members, Research Scientists, Policy Analysts etc.
11	Opportunities for Nation Development	<p>Opportunities in following institutes of national repute:</p> <ul style="list-style-type: none"> <li>• Physical Research Laboratory, Ahmedabad</li> <li>• Space Application Centre, Ahmedabad</li> <li>• National Remote Sensing Centre, Hyderabad</li> <li>• Indian Institute of Remote Sensing, Dehradun</li> <li>• National Atlas and Thematic Mapping Organisation</li> <li>• Survey of India</li> <li>• Wadia Institute of Himalayan Geology</li> <li>• Forest Research Institute, Dehradun</li> <li>• Haryana Space Application Centre, Hisar</li> <li>• Department of Science &amp; Technology,</li> <li>• Indian Council of Social Science Research,</li> <li>• Ministry of Environment, Forest &amp; Climate Change</li> <li>• Directorate of Census Operations</li> <li>• Rural &amp; Urban Planning Institutes</li> <li>• Wild Life Conservation</li> <li>• Environmental Protection Agencies</li> <li>• Water Conservation</li> <li>• Agriculture Sector</li> <li>• Climate Change</li> <li>• Competitive exams and civil services (HPSC,UPSC) etc.</li> </ul>
12	Opportunities as Consultant	<p>Consultancy services in the following fields:</p> <ul style="list-style-type: none"> <li>• Tourism Industry,</li> <li>• National Highways Authority of India,</li> </ul>

		<ul style="list-style-type: none"> <li>• Survey and Mapping,</li> <li>• Geospatial technology,</li> <li>• EIA Consultant,</li> <li>• Infrastructure,</li> <li>• Cartography,</li> <li>• Roads &amp; Highways construction etc.</li> </ul>
13	Opportunities for self-employment and How program leads to livelihood?	<p>Following Career options are available:</p> <ul style="list-style-type: none"> <li>• Geospatial Information Scientists and Technologists</li> <li>• Geophysical Data Technician</li> <li>• GIS Technician</li> <li>• Cartographers and Photogrammetrists</li> <li>• Remote Sensing Technician</li> <li>• Precision Agriculture Technicians</li> <li>• Urban and Regional Planners</li> <li>• Transportation Planners</li> <li>• Environmental Scientists and Specialists</li> <li>• Environmental Restoration Planners</li> <li>• Atmospheric and Space Scientists</li> <li>• Climate Change Analysts</li> <li>• Tourism Industry</li> <li>• Rural Development programs</li> <li>• Urban-local bodies</li> <li>• Environment Impact Assessment,</li> <li>• Road/Highways/Construction Consultancy services etc.</li> </ul>
14	Role/Details of Specific Membership for the program (e.g. CII, AIMA, ISTE, IAA etc.)	----
15	Aptness of the program with future challenges	<ul style="list-style-type: none"> <li>• To inculcate and induction of IT and communication skills, Cutting-edge technology in the field of Geoinformatics (Remote Sensing, GIS, GNSS, Geospatial Technology).</li> <li>• To prepare the skilled and tech-friendly human resources who can contribute in development of nation effectively.</li> <li>• Induction of IT for Spatial Science course in the curriculum of M.Sc. Geography in Session: 2020-21.</li> <li>• Induction of Academic &amp; Research Communicative course in the curriculum of M.Sc. Geography in Session: 2020-21.</li> <li>• Focus on the promotion of Remote Sensing and GIS based research through the induction of Remote Sensing and GIS based Project Report in the curriculum of M.Sc. Geography w.e.f. 2019-21.</li> <li>• Field based exposure and learning through Physical and Socio-economic field survey for preparing the students to carry out research independently in various domains of Geography and Geoinformatics.</li> </ul>

16	Can program contribute in rural development? How?	<p>Yes</p> <p>Through working in following domains, student of M.Sc. Geography can contribute in Rural Development:</p> <ul style="list-style-type: none"> <li>• Agriculture,</li> <li>• Rain Water Harvesting,</li> <li>• Ground Water Development,</li> <li>• Sustainable Development Goals</li> <li>• Disaster Management and Mitigation</li> <li>• Water Conservation,</li> <li>• Rural Planning,</li> <li>• Village Information System,</li> <li>• Effective Implementation of Govt. Schemes,</li> <li>• Geospatial Mapping of Natural Resources,</li> <li>• Creating Awareness Among Society etc.</li> </ul>
17	Industrial Visits related to the program made by students	Not yet, planning for the same in future.

  
 Registrar  
 CBLU, Bhiwani

  
 HOD/Chairperson/In-charge  
 Department of Geography  
 CBLU, Bhiwani

Note: Duly signed by the Chairperson/HOD and countersigned by the Registrar of the University.