

## Department of Geography

Mapping of the courses based on employability / entrepreneurship / skill development

Course name	Course Code	Unit No. And topics focusing on Employability / Entrepreneurship / Skill development
Paper I - Geomorphology	RJAUGEO101	Unit I - Interior of the Earth 1. Rocks and associated minerals 2. Structure of interior of the Earth • Skill development <ul style="list-style-type: none"> <li>○ Interpretative Skills</li> <li>○ Critical thinking Skill</li> <li>○ Analytical skills</li> <li>○ Organizational skills</li> </ul>
Paper I - Geomorphology	RJAUGEO101	Unit II - Endogenic processes 1. Diastrophic movements - folding & faulting 2. Catastrophic movements - volcanoes & earthquakes • Skill development <ul style="list-style-type: none"> <li>○ Skill to empower thinking reasoning &amp; memory</li> <li>○ Theoretical knowledge - learning skills</li> </ul>
Paper I - Geomorphology	RJAUGEO101	Unit III & IV - Exogenic Processes - I & II 1. Weathering erosion and mass wasting 2. Landforms - Fluvial, Glacial, Aeolian, Coastal & Karst • Skill development <ul style="list-style-type: none"> <li>○ Theoretical knowledge - learning skills</li> <li>○ Skill to empower thinking reasoning &amp; memory</li> </ul>
Paper I - Human Geography	RJAUGEO201	Unit I - Introduction to Human Geography 1. Stages in man environment relationships • Skill development <ul style="list-style-type: none"> <li>○ Theoretical knowledge learning skills</li> <li>○ Skill to empower thinking, reasoning &amp; memory</li> </ul>

**Syllabus Framework as per LOCF**

Paper I - Human Geography	RJAUGEO201	Unit III - Population 1. Model of demographic transition 2. Concept of overpopulation, optimum population & under population ● Skill development ○ Interpretative Skills ○ Skill to empower thinking reasoning & memory ○ Analytical skills
Paper I - Human Geography	RJAUGEO201	Unit IV - Migration 1. Recent trends in international migration ● Skill development ○ Analytical skills ○ Geographical skills ○ Effective learning skills
Paper II - Climatology	RJAUGEO301	Unit I - Introduction to climatology 1. Insolation : heat balance ● Skill development ○ Analytical skills ○ Geographical skills
Paper II - Climatology	RJAUGEO301	Unit II - Atmospheric circulation 1. Winds 2. Forms of condensation and precipitation ● Skill development ○ Theoretical knowledge learning skills ○ Skill to empower thinking, reasoning & memory
Paper II - Climatology	RJAUGEO301	Unit III - Climate and weather phenomena 1. Cyclones & Anticyclones 2. El Nino & La Nina 3. Global climate change. ● Skill development ○ Critical thinking skills ○ Analytical skills ○ Geographical skills
Paper II - Physical Geography of	RJAUGEO302	Unit I - India, Location and physiographic divisions 1. Major physiographic divisions & their formation

**Syllabus Framework as per LOCF**

India		<ul style="list-style-type: none"> <li>● Skill development <ul style="list-style-type: none"> <li>○ Capacity building skills</li> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> <li>○ Analytical skills</li> </ul> </li> </ul>
Paper II - Physical Geography of India	RJAUGEO302	Unit II - Drainage and Climate <ol style="list-style-type: none"> <li>1. Drainage system in India</li> <li>2. Distribution of rainfall in India.</li> </ol> <ul style="list-style-type: none"> <li>● Skill development <ul style="list-style-type: none"> <li>○ Skills in reading and interpretation of maps</li> <li>○ Analytical skills</li> <li>○ Capacity building skills</li> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> </ul> </li> </ul>
Paper II - Physical Geography of India	RJAUGEO302	Unit III - Soil, Natural Vegetation and Minerals <ol style="list-style-type: none"> <li>1. Classification &amp; measures for soil, natural vegetation &amp; minerals</li> </ol> <ul style="list-style-type: none"> <li>● Skill development <ul style="list-style-type: none"> <li>○ Geographical skills</li> <li>○ Critical thinking skills</li> <li>○ Effective learning skills</li> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> </ul> </li> </ul>
Paper II - Oceanography	RJAUGEO401	Unit I - Introduction to Oceanography <ol style="list-style-type: none"> <li>1. Major oceans</li> <li>2. Major divisions of ocean floor</li> </ol> <ul style="list-style-type: none"> <li>● Skill development <ul style="list-style-type: none"> <li>○ Organizational skills</li> <li>○ Geographical skills</li> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> </ul> </li> </ul>
Paper II - Oceanography	RJAUGEO401	Unit II - Ocean water <ol style="list-style-type: none"> <li>1. Composition of ocean water</li> <li>2. Temperature and salinity of ocean water</li> <li>3. Tides and ocean currents</li> </ol> <ul style="list-style-type: none"> <li>● Skill development <ul style="list-style-type: none"> <li>○ Skills to empower thinking, reasoning &amp; memory</li> </ul> </li> </ul>

**Syllabus Framework as per LOCF**

		<ul style="list-style-type: none"> <li>○ Theoretical knowledge learning skills</li> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> </ul>
Paper II - Oceanography	RJAUGEO401	Unit III - Man and ocean <ol style="list-style-type: none"> <li>1. Marine ecosystem</li> <li>2. Coral reefs</li> <li>3. Marine pollution</li> <li>● Skill development               <ul style="list-style-type: none"> <li>○ Analytical Skills</li> <li>○ Writing Skills</li> <li>○ Drawing Skills</li> <li>○ Skills for effective learning</li> </ul> </li> </ol>
Paper III - Agricultural geography of India	RJAUGEO402	Unit I - Introduction to Indian Agriculture <ol style="list-style-type: none"> <li>1. Types of farming</li> <li>2. Major crops</li> <li>3. Problems associated with Indian agriculture</li> <li>● Skill development               <ul style="list-style-type: none"> <li>○ Skill to develop confidence &amp; memory for competitive exams</li> <li>○ Geographical skills</li> <li>○ Critical thinking skills</li> <li>○ Effective learning skills</li> </ul> </li> </ol>
Paper III - Agricultural geography of India	RJAUGEO402	Unit II - Green revolution in India <ol style="list-style-type: none"> <li>1. Need of green revolution in India</li> <li>2. Positive, negative impact of green revolution</li> <li>3. Sustainable agriculture</li> <li>● Skill Development               <ul style="list-style-type: none"> <li>○ Analytical Skills</li> <li>○ Writing Skills</li> <li>○ Drawing Skills</li> <li>○ Skills for effective learning</li> </ul> </li> </ol>
Paper III - Agricultural geography of India	RJAUGEO402	Unit III - Recent trends in Agriculture <ol style="list-style-type: none"> <li>1. Genetic engineering</li> <li>2. Tissue culture</li> <li>3. Polyhouse agriculture &amp; Horticulture</li> <li>4. Agro-tourism</li> <li>5. White Revolution</li> <li>● Skill Development</li> </ol>

**Syllabus Framework as per LOCF**

		<ul style="list-style-type: none"><li>○ Theoretical knowledge learning skills</li><li>○ Skill to empower thinking, reasoning &amp; memory</li></ul>
--	--	---