

## **Syllabus of M.Sc. / M.A. Geography**

**Course structure & Credits Distribution.**

**(Compulsory Credits= 76, Elective Credits= 24)**

### **Semester I** (All courses compulsory)

<b>Gg1-1) Introduction to Modern Geography and History of Geographical Thoughts</b>	<b>4 credits</b>
<b>Gg1-2) Introductions to Tectonics &amp; Geological Structures</b>	<b>4 credits</b>
<b>Gg1-3) Meteorology I- Climate</b>	<b>4 credits</b>

#### **Elective Credits**

<b>Gg1-4) Physical Geography &amp; General Geology</b>	<b>4 credits</b>
<b>Or</b>	
<b>Gg1-5) Physical Geography &amp; General Geology</b>	<b>2 credits</b>
<b>Gg1-6) Soft Skill</b>	<b>2 credits</b>

#### **Compulsory credits (Pr)**

<b>Gg1-7) Practical based on Gg1-1</b>	<b>2 credits</b>
<b>Gg1-8) Practical based on Gg1-2</b>	<b>2 credits</b>
<b>Gg1-9) Practical based on Gg1-3</b>	<b>2 credits</b>

#### **Elective credits (pr)**

<b>Gg1-10) Practical based on Gg1-4</b>	<b>2 credits</b>
<b>Gg1-11) Practical based on Gg1-5</b>	<b>1 credit</b>
<b>Gg1-12) Practical based on Gg1-6</b>	<b>1 credit</b>

#### **Compulsory credit**

<b>Gg1-13) Seminar/field work Component</b>	<b>1 credit</b>
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### **Semester II** (All courses compulsory)

<b>Gg2-1) Geomorphology</b>	<b>4 credits</b>
<b>Gg2-2) Meteorology II- Monsoon</b>	<b>4 credits</b>
<b>Gg2-3) Remote sensing</b>	<b>4 credits</b>
<b>Gg2-4) Computer applications in Earth Sciences</b>	<b>4 credits</b>
<b>Gg2-5) Practical based on Gg2-1</b>	<b>2 credits</b>
<b>Gg2-6) Practical based on Gg2-2</b>	<b>2 credits</b>
<b>Gg2-7) Practical based on Gg2-3</b>	<b>2 credits</b>
<b>Gg2-8) Practical based on Gg2-4</b>	<b>2 credits</b>
<b>Gg2-9) Seminar/field work Component</b>	<b>1 credit</b>

### **Semester-III:** (Compulsory Courses)

<b>Gg3-1) Environmental Geography</b>	<b>4 credits</b>
<b>Gg3-2) Hydrogeology &amp; Geography of Water Resources</b>	<b>4 credits</b>
<b>Gg3-3) Agricultural Geography</b>	<b>4 credits</b>

#### **Elective Courses**

<b>Gg3-4) Regional Planning and Development</b>	<b>4 credits</b>
<b>Gg3-5) Regional Geography of India</b>	<b>2 Credits</b>

Gg3-6) Geography of Tourism 2 Credits

Compulsory credits (Pr)

**Gg3-7) Practical based on Gg3-1 2 credits**

**Gg3-8) Practical based on Gg3-2 2 credits**

**Gg3-9) Practical based on Gg3-3 2 credits**

Elective credits (Pr)

**Gg3-10) Practical based on Gg3-4 2 credits**

Gg3-11) Practical based on Gg3-5 1 credit

Gg3-12) Practical based on Gg3-6 1 credit

Compulsory credit

**Gg3-13) Seminar/field work Component 1 credit**

#### Semester-IV

Compulsory Courses (Th)

**Gg4-1) Disaster Management 4 credits**

**Gg4-2) Dissertation 4 credits**

Elective Courses (Th)

(The elected theory paper must be accompanied by related practical course)

**Gg4-3) Urban Geography 4 credits**

**Gg4-4) Geographical Information System 2 credits**

Gg4-5) Natural Resources Management & Economic Geography 2 credits

**Gg4-6) Watershed Management 2 Credits**

Gg4-7) Oceanography 2 credits

Gg4-8) Medical Geography 2 Credits

Gg4-9) Advanced Cartography 2 Credits

or

Gg4-10) Population Geography 2 Credits

Compulsory Courses (Pr)

**Gg4-11) Practical based on Gg4-1 2 credits**

**Gg4-12) Practical and Viva-voce based on Gg4-2 2 credits**

Elective Courses (Pr) (for 4 credits)

**Gg4-13) Practical based on Gg4-3 2 credits**

**Gg4-14) Practical based on Gg4-4 1 credit**

Gg4-15) Practical based on Gg4-5 1 credit

**Gg4-16) Practical based on Gg4-6 1 credit**

Gg4-17) Practical based on G4-7 1 credit

Gg4-18) Practical based on Gg4-8 1 credit

Gg4-19) Practical based on Gg4-9 1 credit

Gg4-20) Practical based on Gg4-10 1 credit

Compulsory credit

**Gg4-21) Seminar/field work Component 1 credit**

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Total credits

100