



Savitribai Phule Pune University

(Formerly University of Pune)

**Three Year B.A. and B.Sc. Degree Program in Geography
(Faculty of Science & Technology)**

S.Y.B.A. (Geography)

Choice Based Credit System Syllabus

To be implemented from Academic Year 2020-2021

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S. Y. B. A. GEOGRAPHY

| Paper Code | Semester | Paper | Subject |
|------------|----------|-------|--|
| Gg: 210(A) | III | G2 | Environmental Geography I OR Economic Geography -I |
| Gg: 220(A) | III | S1 | Geography of Maharashtra - I OR Population Geography – I |
| Gg: 201(A) | III | S2 | Practical Geography – I (Scale and Map Projections) |
| Gg: 210(B) | IV | G2 | Environmental Geography II OR Economic Geography -II |
| Gg: 220(B) | IV | S1 | Geography of Maharashtra – II OR Population Geography – II |
| Gg: 201(B) | IV | S2 | Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report) |

Equivalence of Previous syllabus along with new syllabus:

| Paper | Old Course (2013 Annual Pattern) | New Course (2019 Semester Pattern) |
|-------|---|--|
| G2 | Gg-210 Elements of Climatology and Oceanography OR | Gg: 210(A)Environmental Geography I OR Gg: 210(A)Economic Geography -I |
| G2 | Gg-210 Geography of Disaster Management | Gg: 210(B)Environmental Geography II OR Gg: 210(B)Economic Geography -II |
| S1 | Gg-220 Economic Geography OR | Gg: 220(A)Geography of Maharashtra - I OR Gg: 220(A) Population Geography – I |
| S1 | Gg-220 Tourism Geography | Gg: 220(B) Geography of Maharashtra – II OR Gg: 220(B) Population Geography – II |
| S2 | Gg-201 Fundamentals of Geographical Analysis | Gg: 201(A)Practical Geography – I (Scale and Map Projections) |
| S2 | | Gg: 201(B)Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report) |

S.Y.B.A. Geography (G2) Syllabus for Semester III**Name of Subject: Environmental Geography- I, Subject Code: Gg.210 (A)****Objectives:**

1. To create the awareness about dynamic environment among the student.
2. To acquaint the students with fundamental concepts of environment geography for development in different areas.
3. The students should be able to integrate various factors of economic development and dynamic aspect of economic geography.
4. To make aware the students about the problems of environment, their utilization and conservation in the view of sustainable development

| Sr. No. | Topic | Sub Topics | Teaching Hours | Total Credits |
|---------|---|---|----------------|---------------|
| 1 | Introduction to Environmental Geography | <ol style="list-style-type: none"> 1. Definition, Nature and scope of Environmental Geography. 2. Approaches of environmental Geography 3. Importance of Environmental Geography 4. Types of Environment | 12 | 03 |
| 2 | Ecosystem | <ol style="list-style-type: none"> 1. Meaning, concept and definition of ecosystem. 2. Structure (Biotic and Abiotic factors)and food chain, Tropic Level, food web, energy flow 3. Types of ecosystem <ol style="list-style-type: none"> a) Equatorial Forest and b) Pond Ecosystem | 12 | |
| 3 | Biodiversity and its conservation | <ol style="list-style-type: none"> 1. Concept of biodiversity 2. Economic potential of biodiversity 3. Loss of biodiversity and hotspots in India 4. Conservation of biodiversity | 12 | |
| 4 | Environmental Pollution | <ol style="list-style-type: none"> 1. Concept of Pollution 2. Air pollution-Causes, effects and control measures 3. Water pollution-Causes, effects and control measures 4. Soil pollution-Causes, effects and control measures | 12 | |

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2. Miller G.T., 2004, Environmental Science Working with the Earth, Thomson Books Cole, Singapore
3. Saxena H.M., 2004, Environmental Geography, Rawat Publications, Jaipur
4. Odum E.P. et al. 2005, Fundamentals of Ecology, Cengage Learning, India
5. Sharma P.D. 2015, Ecology and Environment, Rastogi Publications, Meerut
6. Kormondy, Edward J, 2012, Concept of Ecology, PHI Learning Pvt.Ltd, New Delhi
7. Singh R.B.(Eds) 2009, Biogeography and Biodiversity, Rawat Publications, Jaipur
8. Singh S, Prayag, 1997, Environment Geography, Pustak Bhawan, Allahabad
9. Chandana R.C. 2002, Environmental Geography, Kalyani Publication, Ludhiana
10. Goudie A, 2001, The Nature of The Environment, Blackwell, Oxford
11. Gholap T. N., 2000, Environment Science, Nishikant Publications, Pune. (Marathi)
12. Choudhar A.H., & et. al., 2014, Disaster Management, Atharv Publication, Pune. (Marathi)
13. Musmade A. H., More J. C. 2014, Geography of Disaster Management, Diamond Publication, Pune. (Marathi)
14. Saptarshi P. G., More J. C., Ugale V. R., 2009, Geography and Natural Hazards, Diamond Publishing, Pune. (Marathi)