

### Semester IV

| Course                                                                                           | Course Type  | Course Title                     | Teaching Hours/ Week |     |       | Marks (Total 100) |     |          |    | Credits |
|--------------------------------------------------------------------------------------------------|--------------|----------------------------------|----------------------|-----|-------|-------------------|-----|----------|----|---------|
|                                                                                                  |              |                                  | T                    | P   | Total | Internal          |     | External |    |         |
|                                                                                                  |              |                                  |                      |     |       | T                 | P   | T        | P  |         |
| GG. -401                                                                                         | Core         | Geomorphology                    | 4                    | --  | 4     | 40                | --  | 60       | -- | 4       |
| GG.-402                                                                                          | Core         | Climatology                      | 4                    | --  | 4     | 40                | --  | 60       | -- | 4       |
| GG.-403                                                                                          | Elective     | (Choose one out of Three.)       | 4                    | -   | 4     | 40                | -   | 60       | -  | 4       |
|                                                                                                  |              | <b>GG.403 A</b>                  |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | Geography of Rural Settlements   |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | <b>GG.403 B</b>                  |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | Geography of Resources           |                      |     |       |                   |     |          |    |         |
| <b>GG.403 C</b>                                                                                  |              |                                  |                      |     |       |                   |     |          |    |         |
| Industrial Geography                                                                             |              |                                  |                      |     |       |                   |     |          |    |         |
| GG.-404                                                                                          | Core         | Practical in Physical Geography  | --                   | 4+4 | 8     | --                | 40  | --       | 60 | 4       |
| GG.405                                                                                           | Core         | Project work                     | -                    | 4+4 | 8     | -                 | 40  | -        | 60 | 4       |
| AC-401<br>A/B/C/D                                                                                | Audit Course | (Choose one out of Four )        |                      | 2   | 2     |                   | 100 | --       | -- | 2       |
|                                                                                                  |              | AC-401A Human Rights /           |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | AC-401B Current Affairs /        |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | AC-401C Green Audit /            |                      |     |       |                   |     |          |    |         |
|                                                                                                  |              | AC-401D Review of Research Paper |                      |     |       |                   |     |          |    |         |
| Total Credit for Semester IV: 22 (T = Theory: 8; P = Practical:8; Skill Based:4; Audit Course:2) |              |                                  |                      |     |       |                   |     |          |    |         |

**Semester – III<sup>rd</sup>**

| Old Courses (June 2017) |                                                                 | New Courses (June 2022) |                             |
|-------------------------|-----------------------------------------------------------------|-------------------------|-----------------------------|
| Code of Courses         | Title of the courses                                            | Code of Course          | Title of the courses        |
| Gg.311(A)<br>Gg.311(B)  | Regional Geography of U. S. A OR<br>Regional Geography of Asia. | GG. 301                 | Regional Geography of India |
| Gg.312                  | Environmental Geography.                                        |                         | #                           |
| Gg.313                  | Geographical Informational System.                              |                         | #                           |
| Gg.314                  | Watershed Management and Planning                               |                         | #                           |
| Gg.315                  | Practical of Physical Geography with the help of GIS.           |                         | #                           |

**Semester – IV<sup>th</sup>**

| Old Courses (June 2017) |                                                                                                   | New Courses (June 2022) |                                            |
|-------------------------|---------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------|
| Code of Courses         | Title of the courses                                                                              | Code of Courses         | Title of the courses                       |
| Gg.411(A)               | Fluvial Geomorphology. OR                                                                         |                         | #                                          |
| Gg.411(B)               | Industrial Geography. OR                                                                          | GG. 403 (C)             | Industrial Geography                       |
| Gg. 411(C)              | Geography of Rural Settlement.                                                                    | GG.403(A)               | Geography of Rural Settlements.            |
| Gg.412(A)               | Tropical Geomorphology. OR                                                                        |                         | #                                          |
| Gg.412(B)               | Geography of Trade and Transport. OR                                                              |                         | #                                          |
| Gg. 412(C)              | Urban Geography.                                                                                  |                         | #                                          |
| Gg. 413(A)              | Research Methodology. OR                                                                          | GG. 302                 | Research Methodology                       |
| Gg. 413 (B)             | Dissertation.                                                                                     | GG.405                  | Project Work                               |
| Gg.414(A)               | Geography of Tourism. OR<br>GG.105                                                                |                         | GG.105-<br>Tourism<br>Management           |
| Gg.414(B)               | Coastal Geomorphology. OR                                                                         |                         | #                                          |
| Gg. 414 (C)             | Agricultural Geography.                                                                           |                         | GG.303 ( C )<br>Agricultural<br>Geography. |
| Gg.415                  | Interpretation of Topographical Maps,<br>Aerial Photographs , Satellite Imageries ,<br>Surveying. |                         | #                                          |

# No equivalent course is available for this paper, so # No equivalent course is available for this paper, so students may be allowed to appear by old course.

**Distribution of Course papers for M.A / M. Sc. Part II (Geography)**

| Subject Code               | Title of the Paper                                                                                                                                                        |              | Duration<br>(Hrs./Wk) | Max.<br>Mark | Exam.<br>Time<br>(Hrs.) |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|--------------|-------------------------|
| <b>M.A / M.Sc. Part II</b> |                                                                                                                                                                           |              |                       |              |                         |
| <b>Semester III</b>        |                                                                                                                                                                           |              |                       |              |                         |
| GG -301                    | Regional Geography of India                                                                                                                                               | Core course  | 04                    | 100          | 03                      |
| GG -302                    | Research Methodology                                                                                                                                                      | Core course  | 04                    | 100          | 03                      |
| GG -303                    | <b>Choose one out of Three</b><br>GG- 303A - Watershed Management and Planning. /<br>GG- 303B - Geographical Information System ./<br>GG- 303C - Agricultural Geography / |              | 04                    | 100          | 03                      |
| GG -304                    | Practical in Remote Sensing – Interpretation of Aerial Photographs and Satellite Imageries                                                                                | Core course  | 04+04                 | 100          | 06                      |
| GG -305                    | Practical of Computerize Data Analysis Techniques in Geography                                                                                                            | Core course  | 04+04                 | 100          | 06                      |
| AC-301                     | <b>Choose one out of Four</b><br>AC-301A – Computer Skills /<br>AC-301B – Cyber Security/<br>AC-301C -Rain water harvesting /<br>AC-301D- Geo-tourism                     | Audit Course | 02                    | 100          |                         |
| <b>Semester IV</b>         |                                                                                                                                                                           |              |                       |              |                         |
| GG -401                    | Geomorphology                                                                                                                                                             | Core course  | 04                    | 100          | 03                      |
| GG -402                    | Climatology                                                                                                                                                               | Core course  | 04                    | 100          | 03                      |
| GG -403                    | <b>Choose one out of Three</b><br>GG- 403A - Geography of Rural Settlements /<br>GG- 403B - Geography of Resources /<br>GG- 403C - Industrial Geography                   |              | 04                    | 100          | 03                      |
| GG -404                    | Practical in Physical Geography                                                                                                                                           | Core course  | 04+04                 | 100          | 06                      |
| GG -405                    | Project work                                                                                                                                                              |              | 04+04                 | 100          | 06                      |
| AC-401A/B/C/D              | <b>Choose one out of Four</b><br>AC-401A - Human Rights /<br>AC-401B - Current Affairs /<br>AC-401C- Green Audit /<br>AC-401D - Review of Research Paper -                | Audit Course | 02                    | 100          |                         |



KBCNMV, Jalgaon

Dr. Annasaheb G.D. Bendale Mahila  
Mahavidyalaya Jalgaon

Dept. of Geography

Sub: → Gg. 403 Paper III sem IV

Surveying and Area measurement by GPS

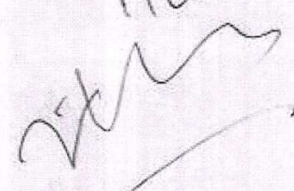
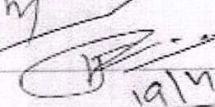
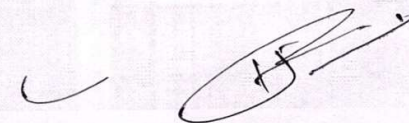
Submitted → field Report

Title → Geographical study of mehrun  
Lake in Jalgaon city

Name, class and Roll No. → Harshada S. Shekh

year - 2022-23

  
17/11/23

HOD.  
  
Examined by  
  
19/11/23  




|           |      |               |          |       |
|-----------|------|---------------|----------|-------|
| EXPT. NO. | NAME | M T W T F S S | Page No. | YOUVA |
|           |      |               | Date:    |       |

- 9) Cattles are also observed in the water of Mehrun - lake
- 10) The waste water of settlement is also mixed in the mehrun lake water
- 11) waste food is also noticed near mehrun lake
- 12) Some of the trees are observed surround Mehrun lake like - Babul, under drinch Bamboo - Ber Agri Ka dulimb
- 13) crow, parrots, sparrow, peacock, Duck water hen are the species of birds are noticed.
- 14) Deers, monkeys Rabbits, Jackets etc are the animals observed by local people near the mehrun lake

\* Solution -

- 1) Restrict the washing of cloth on the mehrun lake
- 2) Restrict on throwing the plastic carry bags in mehrun lake
- 3) Use chlorine powder in the water mehrun lake.
- 4) Restrict the waste water which dumped in mehrun lake
- 5) Put the clasthins near mehrun lake.

Teacher's Signature:





\* तलावाच्या समोवतालच्या परिसराचा पर्यावरणीय अभ्यास  
निरिक्षण मुद्दे -

- तलावाच्या समोवताली गर्द हिरवी झाडे, वनस्पती असून त्यात  
काजण, कुडमिंब, बाभूक, उंबर, चिंच व बोर काशी वृक्ष सादली.
- हिरवी गर्द वृक्षांची दाटी आमुके या परिसरात विविध पक्षी  
सादली आहेत, त्यातही विविधता पाहण्यास मिळाली.
- तलावाच्या परिसरात राहणाऱ्या लोकांच्या मुलांमधील या परिसरा  
असे, कोळे, तरंग, खण, चिना व प्राणी किंवा साळ्याचे असणे.

\* मेलकण तलाव व परिसरातील परिसंस्था राखणीसाठी  
उपाययोजना -

- मेलकण तलावावर कपडे झुळ्यास घेई करावी.
- मेलकण तलावाच्या पाण्यात बुरेबुरे जाणार नाही याची काळजी  
ह्यावी.
- तलावाच्या पाण्यात झुती पिसवतिल्या घेई घालावी.
- तलावाच्या पाण्यात निमतिल्या टाकल्यास घेई घालावी.
- मेलकण तलाव परिसरातील वृक्षांची तोड होणार नाही याची  
काळजी महानगरपालिकेने ह्यावी.
- तलावातील ठाक नियमितपणे काढल्यात यावा.
- तलावाच्या पाण्यात रोगजन नाशक करणेची पावडर टाकावी.
- तलावाच्या परिसरात जेवणास घेई घालावी.
- तलावात पर्यायान्वये सांडपाणी जाणार नाही, यासाठी कायदेरी  
उपाय करावे.
- तलावाचे राखणी करण्यासाठी जनजागृती करण्यात यावी.

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