

### 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, 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          |                         |



Date \_\_\_\_\_

Expt. No. \_\_\_\_\_

Page No. \_\_\_\_\_

कावेजचे नाव = डॉ. आण्णासाहेब जी. डी.  
बेंडळे महिला महाविद्यालय  
जळगाव .

नाव : चैनाबी विश्वनाथ सोनवणे

वर्ग : T. Y. B. A.

रोल न : 90

प्रकल्पाचा विषय : महत्त्व नालाव - एक आर्थिक  
आश्वास

वर्ष : 2022 - 23

H.O.D.

Vidyalekhan

Teacher's Signature :

Examined by  
18/11/23



## \* निरीक्षण व निष्कर्ष \*

- १) नलावातील पाणी गडूळ काळसार व हिरवट आढळते.
- २) नलावाच्या पाण्याचा गंध हा सडलेल्या वस्तूच्या गंध सारखा आढळता.
- ३) पाण्यात निमव्या पडलेले आढळते.
- ४) नलावाच्या पाण्यात एमार्स्टिकच्या गॅरिजेंस त्रिंगतावा दिसल्या.
- ५) पाण्याचे सरासरी तापमान २०° से ग्रेट रावेडे आढळते.
- ६) विविध आकृत्यासकांनी केलेल्या निरीक्षणावरून असे दिसून येते की PM ४ ३५ ते ५.०० पर्यंत आढळता.
- ७) पाण्यात गणेश मूर्तीचे विखर्जन केल्यामुळे त्या पाण्यात ाहीसे व कंडामियम हे घटक असलेले. कारण काही गा. णपती व देवी मूर्ती एमार्स्ट ऑफ पॅरिस च्या बन- वलेल्या असतात.
- ८) पाण्यावर नेलगट नावंग आढळता.
- ९) नलावाचे पाणी काचच्या पेल्यात घेतल्यानंतर त्या पाण्याचे निरीक्षण केले. त्या पाण्यात सूक्ष्म जीवाणू आढळता.



10] તાલાવાच्या पाण्यात गुरेठेरे डुबतांना दिशली.

11] તાલાવાच्या काठावर काही स्ત્રીया કપડે ઘૂત હોત્યા ત્યાં મુલે હીટરજન્ટ ચુક્ત પાળી તાલાવાच्या પાણ્યાત મિસલ હોતે. ત્યામુલે યા પાણ્યાત હીટરજન્ટ ચે પ્રમાણ મિશ્વિ અસોવે.

12] તાલાવાच्या સમોવતાલી અસલેલ્યા વસ્તીલ આડવાળી તાલાવાच्या પાણ્યાત મિસલતા હોતે.

13] તાલાવાच्या પાણ્યાત મૂલ્લત શેવડ વાઢલ્યાલે દિસૂન ઓ

14] તાલાવાच्या સમોવતાલી પ્લોસ્ટિકચા કપરા હાડાચી પાને ફુલે વ ઇશલ્યા પાત્રાવહી પડલેલ્યા હોત્યા.

15] કાહી ઠીકાળી રીડે અજ્જ પડલેલે આઢલેતે.