

### 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          |                         |

THE STUDY OF NOISE POLLUTION OF DIFFERENCE  
LOCATION IN JALGAON CITY

A  
PROJECT  
SUBMITTED TO  
THE  
DR. ANNASAHEB G. D. BENDALE MAHILA MAHAVIDYALAYA,  
JALGAON  
DEPARTMENT OF GEOGRAPHY



Estd : 1984

(NAAC Accredited 'A' Grade)

FOR THE  
M.A/M.Sc - GEOGRAPHY SEM - IV<sup>th</sup> Year  
COURSE WORK - Gg. 405

BY

SAPKALE ANJALI RAJENDRA  
PACHPOL MADHURI SHAM  
BAVISKAR KIRTI JAGJIVAN

PROJECT UNDER THE GUIDANCE OF

PROF. HEMRAJ R. JADHAV  
P. G. DEPARTMENT OF GEOGRAPHY

YEAR - 2022-23

**Kavayitri Bahinabai Chaudhari North Maharashtra  
University, Jalgaon**

**Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya,  
Jalgaon**

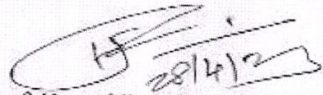


Estd : 1984

(NAAC Accredited 'A' Grade)

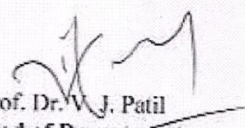
**CERTIFICATE**

This is to Certified that, Miss **SAPKALE ANJALI RAJENDRA, PACHPOL MADHURI SHAM** and **BAVISKAR KIRTI JAGJIVAN** Bonafide students Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya in M.A/M.Sc. - II<sup>nd</sup> Year (Geography) Sem – IV has successfully Completed the Project in Gg. 405 : Project Work during the Academic year 2022-23.

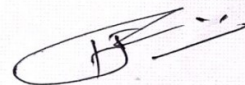
  
Prof. Hemraj R. Jadhav

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Sincerely

Miss. SAPKALE ANJALI RAJENDRA

Miss. PACHPOL MADHURI SHAM

Miss. BAVISKAR KIRTI JAGJIVAN



#### **Conclusions and recommendations:**

Traffic noise was studied selecting three prominent locations in the city of Jalgaon where there is more traffic and near cross roads and signal. The necessary protocols of recording sound are observed. The noise data recorded near DNCVP, Saint Joseph School and Law College, Jalgaon.

In this project we have recorded the noise level at different places of college campus at different time for the whole day. From the results and analysis carried out we can observe that the maximum noise level is 93.1 dB on Law College campus at 05:00 pm. So, we can conclude that the maximum noise level at campus is harmful level to human ears.

Noise pollution also increases gradually because road structure remains same but traffic increases rapidly. Noise pollution has harmful effects on human health. Noise pollution affects on hearing problems, sleep disturbances, poor cognitive function, cardiovascular issues, trouble in communication and mental health problems. Beyond these effects, high noise level can create stress, increase in workplace accident and anti-social behavior.

In rapidly developing Jalgaon city, the transportation sector and students themselves lead to overcrowded roads and noise pollution in educational institutes in the town. The following range of measures may be taken to reduce vehicular noise pollution in educational institutes –

- a) The educational institutes have criteria of a good planning for an institute and it should be located far from main road and other noise sources.
- b) Educational institutes should have buildings that have sound insulation system and high fence using concrete walls which protect noise from outside.
- c) Educational institutes should be aware of plantation of trees and vegetation buffer zone because trees and vegetation can absorb 4dB-6 dB noise intensity depending on their characteristics.
- d) Students, Teachers and Public awareness would also be helpful in reduction in noise level in educational institutes.
- e) A strict law concerning noise pollution in educational institutes should be implemented.
- f) Restricting vehicular movement within or hereby the educational institutes.
- g) Applying speed limits for vehicles near the educational institutes.

