

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 |
| | | GG.403 A | | | | | | | | |
| | | Geography of Rural Settlements | | | | | | | | |
| | | GG.403 B | | | | | | | | |
| | | Geography of Resources | | | | | | | | |
| GG.403 C | | | | | | | | | | |
| 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 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 – IIIrd

| 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) Gg.311(B) | Regional Geography of U. S. A OR 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 – IVth

| 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 GG.105 | | GG.105- Tourism Management |
| Gg.414(B) | Coastal Geomorphology. OR | | # |
| Gg. 414 (C) | Agricultural Geography. | | GG.303 (C) Agricultural Geography. |
| Gg.415 | Interpretation of Topographical Maps, Aerial Photographs , Satellite Imageries , 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 (Hrs./Wk) | Max. Mark | Exam. Time (Hrs.) |
|----------------------------|---|--------------|-----------------------|--------------|-------------------------|
| M.A / M.Sc. Part II | | | | | |
| Semester III | | | | | |
| GG -301 | Regional Geography of India | Core course | 04 | 100 | 03 |
| GG -302 | Research Methodology | Core course | 04 | 100 | 03 |
| GG -303 | Choose one out of Three GG- 303A - Watershed Management and Planning. / GG- 303B - Geographical Information System ./ 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 | Choose one out of Four AC-301A – Computer Skills / AC-301B – Cyber Security/ AC-301C -Rain water harvesting / AC-301D- Geo-tourism | Audit Course | 02 | 100 | |
| Semester IV | | | | | |
| GG -401 | Geomorphology | Core course | 04 | 100 | 03 |
| GG -402 | Climatology | Core course | 04 | 100 | 03 |
| GG -403 | Choose one out of Three GG- 403A - Geography of Rural Settlements / GG- 403B - Geography of Resources / 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 | Choose one out of Four AC-401A - Human Rights / AC-401B - Current Affairs / AC-401C- Green Audit / 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 - IVth Year
COURSE WORK – Gg. 405

BY

MAHAJAN SAMRUDHHI TULSHIRAM
DESHMUKH RUCHIKA KESHAV
OJAMABEE SHAIKH HASAN

PROJECT UNDER THE GUIDANCE OF

MR. YOGESH A. KOLI
P. G. DEPARTMENT OF GEOGRAPHY

YEAR – 2022-23

*Examined -
P/S
22/6/23*

*Examined
22.06.23*

Pali

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

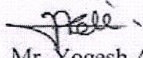
Dr. Annasaheb G. D. Bendale Mahiala Mahavidyalaya, Jalgaon

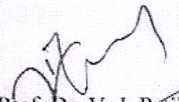


(NAAC Accredited 'A' Grade)

CERTIFICATE

This is to Certified that, Miss MAHAJAN SAMRUDHHI TULSHIRAM,
DESHMUKH RUCHIKA KESHAV and OJAMABEE SHAIKH HASAN Bonafide students
Dr. Annasaheb G. D. Bendale Mahiala Mahavidyalaya in M.A/M.Sc. -
IInd Year (Geography) Sem – IV has successfully Completed the Project
in Gg. 405 : **Project Work** during the Academic year 2022-23.


Mr. Yogesh A. Koli
Dr. A. G. D. Bendale
Mahila Mahavidyalaya, Jalgaon
Under the Guidance


Prof. Dr. V. J. Patil
Head of Department
Dr. A. G. D. Bendale Mahila
Mahavidyalaya, Jalgaon



DECLARATION

We hereby declare that the research project entitles "The Study of Noise Pollution of Difference Locations in Jalgaon City" is an original research work done by me under the guidance and supervision of Mr. Yogesh A. Koli, Department of Geography, Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon.

I further declare that the research project or part of it has not been submitted to any other university or institution for the award of any degree or diploma.

Samruddhi Mahajan *S.T. Mahajan*
Deshmukh Ruchika *Ruchika*
Ojamabee Shaikh *Ojamabee*
MA – II (Dept. of Geography)
Dr. A. G. D. B. M. M. Jalgaon
Research Students

Koli
Mr. Yogesh A. Koli
Dr. A. G. D. B. M. M. Jalgaon
Under the Guidance

Date : / / 202

Place: Jalgaon

Koli

ACKNOWLEDGMENT

We would like to express our gratitude to our Research Supervisor, **Mr. Yogesh A. Koli Department of Geography, Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon** for his valuable guidance to complete this project.

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Last but not the list, my sincere thanks go to all other who helped me directly & indirectly during this work.

Sincerely

Miss. Samrudhhi Tulshiram Mahajan

Miss. Ruchika Keshav Deshmukh

Miss. Ojamabee Shaikh Hasan



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 Orion English Medium School, Swami Vivekanand School and Pragati School.

In this project we have recorded the noise level at different places of School campus at different time for the whole day. From the results and analysis carried out we can observe that the maximum noise level is 99.8 dB on Orion English Medium School at 11:00 am. 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 institutes 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 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.

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