Semester IV

Course	Course Type	Course Title	Teaching Hours/ Week			Marks (Total 100)				Credits
						Internal		External		
			T	P	Total	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.)** **GG.403 A** Geography of Rural Settlements **GG.403 B** Geography of Resources **GG.403 C** Industrial Geography	4	-	4	40	-	60	-	4
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)** AC-401A Human Rights / AC-401B Current Affairs / AC-401C Green Audit / AC-401D Review of Research Paper		2	2		100	--	--	2
Total Credit for Semester IV: 22 (T = Theory: 8; P = Practical:8; Skill Based:4; Audit Course:2)										

Semester – III rd

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 – IV th

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 DIFFERENT LOCATIONS 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

SONAWANE NEHA CHAVDAS

PUTOHIT TEJPALI KAILASCHANDRA

JAWALE SHILPA

PROJECT UNDER THE GUIDANCE OF

Dr. PRATIKSHA D. NANDESHWAR

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, **Sonawane Neha Chavdas, Tejpali Purohit** and **Shilpa Jawale** are Bonafide students of Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya in M.A/M.Sc. - II[nd Year] (Geography) Sem – IV has successfully Completed the Project in **Gg. 405: Project Work** during the Academic year 2022-23.

Dr. P. D. Nandeshwar
Project Guide and Assistant Professor
Department of Geography
Dr. A. G. D. Bendale Mahila Mahavidyalaya, Jalgaon

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

DECLARATION

We hereby declare that, the research project entitles **"The Study of Noise Pollution of Different Locations in Jalgaon City"** is an original research work done under the guidance and supervision of **Dr. Pratiksha Dhameshwar Nandeshwar**, Assistant Professor, Department of Geography, Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon.

We, 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.

Purohit Tejpali Kailaschandra
Sonawane Neha Chavdas
Jawale Shilpa
M.A. II Year Geography
Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon.

Date 06 /04/2023
Place: Jalgaon

The major source of noise pollution was motor vehicular traffic 67% followed by student themselves 38%.

a) Among themselves (Student) – 40%

b) From vehicles – 46%

c) People moving on road -09%

d) Construction work and other – 5%

Conclusions and recommendations:

Traffic noise was studies 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 main entrance gates of M.J. College, S.N.D.T College and IMR 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 98.9 dB on M. J. College campus at 08:00 am and 05:00 pm. So, we can conclude that the maximum the 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 effects 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 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.