

FOUR YEAR UNDERGRADUATE PROGRAM (NEP- 2020)

PROGRAM: BACHELOR IN ARTS (2024- 28)

DISCIPLINE- GEOGRAPHY

SESSION-2024-25

DSC-01 to 08		DSE- 01 to 12	
Course Code	Course Title	Course Code	Course Title
GOSC-01T	Fundamental of Physical Geography	GOSE-01T	Climatology and Occanography
GOSC-01P	Cartography-Tools and Techniques	GOSE-01P	Study of Indian Weather Maps
GOSC-02T	Fundamental of Human Geography	GOSE-02T	Soil and Bio- Geography
GOSC-02P	Scale and Representation of Relief	GOSE-02P	Study of Geological Maps
GOSC-03T	Economic Geography	GOSE-03T	Disaster Management
GOSC-03P	Map Projection	GOSE-03P	Statistical Methods
GOSC-04T	Geography Of India	GOSE-04T	Industrial Geography
GOSC-04P	Representation of Statistical Data	GOSE-04P	Aerial Photograph
GOSC-05T	Geography of Chhattisgarh	GOSE-05T	Rural Settlement Geography
GOSC-05P	Distribution of Maps and 3-Dimensional Diagram	GOSE-05P	Principal of GIS
GOSC-06T	History of Geographical Thought	GOSE-06T	Urban Geography
GOSC-06P	Study and Interpretation of Topographical Maps	GOSE-06P	Fundamental of Remote Sensing
GOSC-07T	Geomorphology	GOSE-07T	Political Geography
GOSC-07P	Field Survey- Chain &Tape, Prismatic Compass and Plane Table Survey	GOSE-07P	Computer Cartography in Geography
GOSC-08T	Regional Planning and Development	GOSE-08T	Sustainable Development
GOSC-08P	Morphometric Analysis	GOSE-08P	Instrumental Survey- Dumpy level
		GOSE-09T	Rural Development in India
		GOSE-09P	Cartographical Analysis of Geographical Patterns And System
		GOSE- 10T	Geography of Tourism
		GOSE-10P	Field Work-Tour And Tour Report
		GOSE- 11T	Tribal Development in India
		GOSE-11P	Project Report on Socio-Economic Survey
		GOSE- 12T	Agriculture and Food security
		GOSE-12P	Field Study and Research Report
GE - 01 & 02			
GOGE-01T	Fundamental of Physical Geography	VAC	
GOGE-01P	Cartography-Tools and Techniques	GOVAC-01	Geographical Knowledge in Ancient India
GOGE-02T	Fundamental of Human Geography	SEC	
GOGE-02P	Scale and Representation of Relief	GOSEC- 01	Principle of Map Making

Signature of Convener Members of CBOS:

1. Dr. B. L. Sinha
 2. Dr. D. D. Koushyal
 3. Dr. (M.) J. P. Kujur
 4. A. Beck
 5. Dr. Seema Meshra
 6. Smt. GRACE Kujur
 7. Dr. S. Yadau
 8. Dr. S. Chandra
 9. Dr. Sophia Ambekar
 10. Prof. (Mrs.) UMA GOLT

Chairman

of Studies
 Shreed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Chairman
 Shreed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Officer-in-Charge (Academic)
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

SESSION-2024-25

Signature of Convener Members of CBOS:

1. DR - B. L. Saini	(5) Dr. D. D. Kashyap	10. Dr. S. Yadav
2. DR. H. Thakur	(6) Dr. (K.) J. P. Kujur	11. Dr. S. Chandra
3. M. S. SAHU	(7) A. Beck	12. Dr. S. Ambekar
4. Dr. G. P. Nayak	(8) Dr. C. S. Chakrabarti	13. Prof. (M. S.) J. Gole
	9. Dr. (Smt.) GRACE KUMAR	

Officer-In-Charge (Academic)
Shaheed Nandkumar Patel
Vishwavidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree / Honors)		Semester - I	Session: 2024-2025
1	Course Code	GOSC - 01 T	
2	Course Title	Fundamental of Physical Geography	
3	Course Type	DSC	
4	Pre-requisite (if, any)	As per the program	
5	Course Learning Outcomes(CLO)	At the end of this course , the students will be able to : 1- Understand the functioning of Earth systems and analyze geo morphological, climatic and oceanic factors. 2- Understand the Physical aspect of Geographical concepts which are relevant in day to day life 3- To record the temperature, pressure, humidity, rainfall and other climatic conditions and evaluate the local climate 4- Understand the Oceanic Features and Conditions.	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Fundamental of Physical Geography- Definition and Scope of Physical Geography, Origin of the Earth- Nebular Theory, Hoyle and Littleton Theory. Interior of the earth:- Composition and Structure. Folds and Faults- Origin and Classification.	12
II	Rocks: - Origin, Classification and Characteristics. Weathering- Meaning, Types. Agents of Erosion- Winds , River and their resultant topographical features	10
III	Atmosphere- Elements of Weather and Climate, Composition of the Atmosphere, Atmospheric Temperature, Pressure Belt, winds, Tropical Cyclone and Origin and mechanism of Monsoon.	12
IV	Hydrosphere- Relief of the Ocean Basins-Tetrahedral theory. Hydrological Cycle, Ocean Salinity, Ocean Temperature-vertical and horizontal Distribution , Ocean Currents (Pacific and Indian)	11
Keywords	Topographical Features, Erosion, Tetrahedral, Faults.	

Signature of Convener, Members of CBoS :

(1) Dr. B. B. Sui
 (2) Dr. A. K. Thoke
 (3) M. S. SAHU
 (4) Dr. C. P. Nanda
 (5) Dr. D. D. Karmayat
 (6) Dr. (A) J. P. Kumar
 (7) A. BECK
 (8) Dr. Seema Mishra
 (9) Dr. GRACE KUMAR
 (10) Dr. Sushma Yadav
 (11) Dr. S. Anand
 (12) Dr. Sophia Ambwale
 (13) Dr. Sophia Ambwale

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PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

- 1- A.H. Strahler, Arthur Strahler, *Introducing Physical Geography*, John Wiley & Sons, New York, 2005
- 2- Strahler, A.N. and Strahler, A.H., *Modern Physical Geography*; John Wiley & Sons, 1992
- 3- Thornbury, W.D., *Principles of Geomorphology*, Wiley Eastern, 1969
- 4- Critchfield, H., *General Climatology*, Prentice-Hall, New York, 1975.
- 5- Savindra Singh- *Physical Geography* (Hindi and English Both) Prawalika Publication Prayagraj
- 6- Lal D.S. – *Physical Geography*, (Hindi) Sharda Pustak Bhavan, Prayagraj, 2012
- 7- Lal D.S.-*Climatology & Oceanography* (Hindi and English Both) Sharda Pustak Bhavan Prayagraj
- 8- Mazid Husain- *Bhautik Bhoogol*, Rawat Publication, Jaipur, 2019
- 9- Alka Gautam- *Bhautik Bhoogol*, Rastogi Publication, Meerut, 2012

Reference Books:

- 1- Holmes, A. *Principle of Physical Geology*, Nelson 1966
- 2- Monkhouse, F.J., *Principles of Physical Geography*, London Press. 1962
- 3- Dayal, P. *Geomorphology*, Rajesh Publication New Delhi 6 th Edition-2017

Online Resources– (e-Resources / e-books and e-learning portals)

- The Dictionary of Physical Geography by David S.G. Thomas ISBN: 9781118782316 Publication Date: 2016
<http://www.physicalgeography.net/fundamentals/1b.html>
- <https://epustakalay.com/book/27260-bhautik-bhugol-by-dr-l-n-upadhyaya/>
- <https://open.wmn.edu/opentextbooks/textbooks/926>
- <http://www.physicalgeography.net/fundamentals/contents.html>
- https://books.google.co.in/books/about/Principles_of_Physical_Geography.html?id=WHqvCwAAQBAJ&redir_esc=y

OnlineResources=(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment(CIA): 30 Marks

End Semester Exam(ESE): 70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4=20Marks Section B: Descriptive answer type qts., 1out of 2 from each unit- 4x10=40Marks	

Signature of Convener, Members of CBOS

① Dr. D. D. Kashyap ⑤ Dr. D. D. Kashyap ⑥ Dr. D. D. Kashyap ⑦ Dr. D. D. Kashyap ⑧ Dr. D. D. Kashyap ⑨ Dr. D. D. Kashyap ⑩ Dr. D. D. Kashyap ⑪ Dr. D. D. Kashyap ⑫ Dr. D. D. Kashyap ⑬ Dr. D. D. Kashyap ⑭ Dr. D. D. Kashyap ⑮ Dr. D. D. Kashyap ⑯ Dr. D. D. Kashyap ⑰ Dr. D. D. Kashyap ⑱ Dr. D. D. Kashyap ⑲ Dr. D. D. Kashyap ⑳ Dr. D. D. Kashyap ㉑ Dr. D. D. Kashyap ㉒ Dr. D. D. Kashyap ㉓ Dr. D. D. Kashyap ㉔ Dr. D. D. Kashyap ㉕ Dr. D. D. Kashyap ㉖ Dr. D. D. Kashyap ㉗ Dr. D. D. Kashyap ㉘ Dr. D. D. Kashyap ㉙ Dr. D. D. Kashyap ㉚ Dr. D. D. Kashyap ㉛ Dr. D. D. Kashyap ㉜ Dr. D. D. Kashyap ㉝ Dr. D. D. Kashyap ㉞ Dr. D. D. Kashyap ㉟ Dr. D. D. Kashyap ㊱ Dr. D. D. Kashyap ㊲ Dr. D. D. Kashyap ㊳ Dr. D. D. Kashyap ㊴ Dr. D. D. Kashyap ㊵ Dr. D. D. Kashyap ㊶ Dr. D. D. Kashyap ㊷ Dr. D. D. Kashyap ㊸ Dr. D. D. Kashyap ㊹ Dr. D. D. Kashyap ㊺ Dr. D. D. Kashyap ㊻ Dr. D. D. Kashyap ㊼ Dr. D. D. Kashyap ㊽ Dr. D. D. Kashyap ㊾ Dr. D. D. Kashyap ㊿ Dr. D. D. Kashyap

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FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree / Honors)		Semester -I	Session: 2024-2025
1	Course Code	GOGE – 01 P	
2	Course Title	Practical 1 - Cartography-Tools and Techniques	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per program	
5	Course Learning Outcomes (CLO)	<i>At the end of this practical course the student will have an ability to</i> 5- Understand the basic concepts of cartography 6- Learn and prepare the different kinds of maps. 7- Recognize basic themes of map making. 8- Develop an idea about different types of thematic mapping techniques.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART-B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours) +		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	4- History of Cartography, Indian cartography, Modern cartography, Drawing Equipment's, 5- Characteristics Features of Map, classification of maps, Mapping methods. Tools of Map Making, Type of printed Shades. 6- Enlargement, Reduction and Combination of Maps- Graphical and Mechanical Methods.	30
Keywords	Cartography ,Enlargement, Reduction , Graphical	

Signature of Convener, Members of CBOS: (1) Dr. S. Yadav (2) Dr. S. Yadav (3) Dr. S. Yadav (4) Dr. S. Yadav (5) Dr. S. Yadav (6) Dr. S. Yadav (7) Dr. S. Yadav (8) Dr. S. Yadav (9) Dr. S. Yadav

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Officer-In-Charge (Academic)
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 Vishwavidyalaya, Raigarh (C.G.)

PART-C: Learning Resources

Text Books, Reference Books and Others

4. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.
5. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
6. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
- 7- Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi, 2010
- 8- Chauhan, P R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
- 9- Istiyak.M. 1989, A Textbook of Practical Geography, Heritage Publication New Delhi

Online Resources-(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	50 Marks
Continuous Internal Assessment (CIA):	15 Marks
End Semester Exam (ESE):	35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
	Assignment/Seminar +Attendance - 05 Total Marks - 15	
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment	
	D. Performed the Task based on lab. work	- 20 Marks
	E. Spotting based on tools & technology (written)	- 10 Marks
	F. Viva-voce (based on principle/technology)	- 05 Marks
		Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS:

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② Dr. S. K. Singh
③ Dr. S. K. Singh
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⑤ Dr. S. K. Singh
⑥ Dr. S. K. Singh
⑦ Dr. S. K. Singh
⑧ Dr. S. K. Singh
⑨ Dr. S. K. Singh

Chairman
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FOUR YEAR UNDERGRADUATE PROGRAM(2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree/Honors)		Semester - II	Session: 2024-2025
1	Course Code	GOSC - 02 T	
2	Course Title	Fundamental of Human Geography	
3	Course Type	DSC	
4	Pre-requisite(if, any)	As per the program	
5	Course Learning Outcomes(CLO)	At the end of this course the student will e have an ability to 1- Gain knowledge about major themes of human Geography. 2- Acquire knowledge on the history and evolution of humans. 3- Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations. 4- Ability to develop an idea about space and society 5- Understand the evolution of varied types of economic activities. 6- Assess the varied aspects of development and regional disparity, in order to formulate measures of balanced development and sustainable development.	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART -B: Content of the Course

Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Introduction to Human Geography Definition, nature and scope. Fundamental concept in Human Geography . Understanding of man- nature relationship:- Determinism, Possibilism and Neo-determinism. Classification of Human Occupation	12
II	Population and Settlement - Growth of population, distribution and density of the world. Socio- economic Pattern of Population – Literacy, Migration:- Causes, and types .Occupational Structure. Theory and Model of population growth:-Concept of Optimum Population, Over Population and Under population.	10
III	Human Settlement and Races- Types and characteristics of human settlement- Rural settlement and Urban Settlement. Human Races- Basis of Racial Classification, world distribution. Habitat and economy of selected communities (Gond, Eskimo, Bushmen).	12
IV	Geography and Development- Indicators and measures of Regional development, . Global pattern of development:- inter-regional variations, HDI. Concept of Sustainable Development.	11
Keywords	Determinism, Possibilism, Occupational Structure. Optimum Population, Racial	

Signature of Convener, Members of CBoS :

Dr. - P. L. Surt
 Dr. R. K. Thakur
 M. S. SATHU -
 Dr. C. P. KADU
 ③
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 ⑦
 ⑧
 ⑨
 10. Dr. S. Yachar
 11. Dr. S. Yachar
 12
 13 Dr. S. Yachar -
 Chairman
 Officer-In-Charge
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Officer-In-Charge
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)
 24

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

- 10- James, M. Robenstein, *An Introduction to Human Geography*, Prentice Hall, New Jersey, 2001
- 11- Michael, Can, *New Patterns: Process and Change in Human Geography* Nelson, 1997
- 12- Hussain Mazid- *Human Geography*, (Hindi & English Both) Rawat Publication Jaipur
- 13- Garg H.S. *Manav Bhoogol*, SBPD Publication, Agra.
- 14- Haroon Mohammad, *Manav Bhoogol*, Wisdom Publication
- 15- Kausik S.D. *Manav avam Arthik Bhoogol*, Rastogi publication Meerut.
- 16- Maurya, S.D. *Manav Bhoogol*, Sharda Pustak Bhavan, Prayagraj.2009
- 17- Khullar, D. R. *Human Geography*, (In Hindi) Kalyani Publishers, Ludhiyana, 2016
- 18- Prasad, Gayatri, *Cultural Geography*, (In Hindi) Sharda Pustak Bhavan . Prayagraj.

Reference books:

- 5- Bergwan, Edward E., *Human Geography: Culture. Connections and Landscape*, Prentice Hall, New Jersey. 1995
- 6- Carr, M., *Patterns, Process and change in Human Geography*, MacMillan Education, London, 1987.
- 7- Daniels Peter, Bradshaw Michael, Shaw Devil and Side way James, *Human Geography: Issues for the Twenty First Century*, Prentice Hall, New Jersey, 2001
- 8- Clarke, J I , *Population Geography of Developing Country*, Pergamon press ,Oxford, 1971

E-Books

- <https://web.ung.edu/media/university-press/human-geography.pdf>
- <https://www.drishtias.com/hindi/images/pdf/NCERT-Hindi-Class-12-Geography-Part-1.pdf>
- <http://assets.vmu.ac.in/GE05.pdf-Human Geography>
- <https://open.umn.edu/opentextbooks/textbooks/870>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment(CIA):30 Marks

End Semester Exam (ESE):70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40Marks	

Signature of Convener, Members of CBoS:

① Dr. B. S. ...
 ② ...
 ③ ...
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 ⑤ ...
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 ⑦ ...
 ⑧ ...
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 ⑩ ...

Officer-In-Charge
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Chairman
Studies
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Vishwavidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts <i>(Certificate / Diploma / Degree/ Honors)</i>		Semester -II	Session: 2024-2025
1	Course Code	GOSC – 02 P	
2	Course Title	Practical 2 - Scale and Representation of Relief	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per program	
5	Course Learning Outcomes (CLO)	At the end of the this course the student will be able to 1- Understand and prepare different kinds of Scales and comprehend the concept of scales . 2- Identify the features of the land form through counters 3- Developed the Relief Map Making skills. 4- Gain in-depth knowledge on Drawing of Contour Features.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course

Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)

Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	1- Scale- Methods of representing Scale, Conversion of Scale Type of Linear Scale- Simple Scale, Time Scale, Comparative Scale, Diagonal Scale 2- Representing of Relief- Pictorial, Mathematical and Combine Methods. 3- Contours-Land forms Representing By Contours- Hill, Ridge, Plateau, V shaped Valley, U shaped Valley, Waterfall,	30
Keywords	Scale, Diagonal ,Relief , V shaped Valley, Ridge	

Signature of Convener, Members of CBoS

Dr. B. L. Sini Dr.

Dr. B. H. Thayer

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Dr C.P. NANNI

5. (3) 08/02/2018

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- Dr. Dr S. Yadav

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K. - 10/06/20

Officer-In-Charge (Signature)

Shaheed Nandkumar Patel

Vishwavidyalaya, Raigarh (C.G.)

Chairman

Supreme
Narayan

Dyalaya, Raig

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books-

1. Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient Publication ,Kolkata.
2. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut .
3. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
4. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
5. Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi,2010
6. Chauhan, P.R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
7. Istiyak.M. 1989,A Textbook of Practical Geography,Heritage Publication New Delhi
8. Mishra R.N. ,P K Sharma, Prayogik Bhoogol Rawat Publication, Jaipur ,2019
9. Khullar , D.R., Prayogatmak Bhoogol, Kalyani Publishers, Ludhiyana.

E books-

- 1- <https://www.slideshare.net/NisarKhand/instrumental-surveying-practical-plane-table-survey>
- 2- <https://bbsbec.edu.in/wp-content/uploads/2020/01/com.pdf>
- 3- <https://surveyofindia.gov.in/documents/soichapter-v.pdf>

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

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Dr. R. H. Thakur

M. S. Sahu

Dr. C. P. Nandan

10. Dr. S. Yadav
11. Dr. S. Chandra
12. Dr. S. Chandra
13. Dr. Sophie Ambekar

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FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree / Honors)		Semester - I	Session: 2024-2025
1	Course Code	GOGE – 01 T	
2	Course Title	Fundamental of Physical Geography	
3	Course Type	GENERIC	
4	Pre-requisite (if, any)	As per the program	
5	Course Learning Outcomes(CLO)	At the end of this course , the students will be able to : 5- Understand the functioning of Earth systems and analyze geo morphological, climatic and oceanic factors. 6- Understand the Physical aspect of Geographical concepts which are relevant in day to day life 7- To record the temperature, pressure, humidity, rainfall and other climatic conditions and evaluate the local climate 8- Understand the Oceanic Features and Conditions.	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Fundamental of Physical Geography- Definition and Scope of Physical Geography, Origin of the Earth- Nebular Theory, Hoyle and Littleton Theory. Interior of the earth:- Composition and Structure. Folds and Faults- Origin and Classification.	12
II	Rocks: - Origin, Classification and Characteristics. Weathering- Meaning, Types. Agents of Erosion- Winds , River and their resultant topographical features	10
III	Atmosphere- Elements of Weather and Climate, Composition of the Atmosphere, Atmospheric Temperature, Pressure Belt, winds, Tropical Cyclone and Origin and mechanism of Monsoon.	12
IV	Hydrosphere- Relief of the Ocean Basins-Tetrahedral theory. Hydrological Cycle, Ocean Salinity, Ocean Temperature-vertical and horizontal Distribution , Ocean Currents (Pacific and Indian)	11
Keywords	Topographical Features, Erosion, Tetrahedral, Faults.	

Signature of Convener, Members of CBOS: (10)

Dr. B. V. Saw

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

Dr. S. T. Dada

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Dr. S. T. Dada

Officer-In-Charge (Academic)
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Chairman
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree / Honors)		Semester -I	Session: 2024-2025
1	Course Code	GOSC - 01 P	
2	Course Title	Practical 1 - Cartography-Tools and Techniques	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per program	
5	Course Learning Outcomes (CLO)	<i>At the end of this practical course the student will have an ability to</i> 1- Understand the basic concepts of cartography 2- Learn and prepare the different kinds of maps. 3- Recognize basic themes of map making. 4- Develop an idea about different types of thematic mapping techniques.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	1- History of Cartography, Indian cartography, Modern cartography, Drawing Equipment's, 2- Characteristics Features of Map, classification of maps, Mapping methods. Tools of Map Making, Type of printed Shades. 3- Enlargement, Reduction and Combination of Maps- Graphical and Mechanical Methods.	30
Keywords	Cartography ,Enlargement, Reduction , Graphical	

Signature of Convener, Members of CBoS :

Dr. P. L. Gai *Dr. P. L. Gai* (5) *Dr. P. L. Gai*
 Dr. R. K. Thakur *Dr. R. K. Thakur* (6) *Dr. R. K. Thakur*
 Dr. S. S. Patil *Dr. S. S. Patil* (7) *Dr. S. S. Patil*
 Dr. C. P. Nandy *Dr. C. P. Nandy* (8) *Dr. C. P. Nandy*
 (9) *Dr. S. S. Patil* (10) *Dr. S. S. Patil*
 (11) *Dr. S. S. Patil* (12) *Dr. S. S. Patil*
 (13) *Dr. S. S. Patil*

Officer-In-Charge (Signature)
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Chairman (Signature)
 Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

PART-C: Learning Resources

Text Books, Reference Books and Others

1. Chauhan, P.R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
2. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.
3. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
4. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
5. Haroon, M., Practical Geography, Mishra Trading Corporation, Varanasi, 2010
6. Istiyak.M. 1989, A Textbook of Practical Geography, Heritage Publication New Delhi

E books-

1. Map Work and Practical Geography <https://books.google.co.in/books>
2. Practical Geography, S.B.P.D Publications <https://uou.ac.in/sites/default/files/slm/DGIS-504.pdf>
3. <https://ncert.nic.in/ncerts/l/legy303.pdf>
4. <https://www.uou.ac.in/sites/default/files/slm/GE-203.pdf>

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End-Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) - 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS

Dr. B.L. Singh

Dr. P.H. Mishra

Mr. S. S. H. - 12

Dr. C. V. N. Singh

Dr. S. Yadav

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Dr. S. Chandra

Officer-In-Charge

Shaheed Nandkumar Patel

Vishwavidyalaya, Raigarh (C.G.)

Chairman

Shaheed Nandkumar Patel

Vishwavidyalaya, Raigarh (C.G.)

COURSE CURRICULUM

PART-A: Introduction

Program: Bachelor in Arts (Certificate / Diploma / Degree/Honors)		Semester - II	Session: 2024-2025
1	Course Code	GOG – 02 T	
2	Course Title	Fundamental of Human Geography	
3	Course Type	GENERIC	
4	Pre-requisite(if, any)	As per the program	
5	Course Learning Outcomes(CLO)	At the end of this course the student will e have an ability to 7- Gain knowledge about major themes of human Geography. 8- Acquire knowledge on the history and evolution of humans. 9- Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations. 10- Ability to develop an idea about space and society 11- Understand the evolution of varied types of economic activities. 12- Assess the varied aspects of development and regional disparity, in order to formulate measures of balanced development and sustainable development.	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: -100	Min Passing Marks:40

PART -B: Content of the Course

Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)

Total No. of Teaching-learning Periods (or Hr. per period) = 15 Periods		No. of Period
Unit	Topics (Course contents)	
I	Introduction to Human Geography Definition, nature and scope. Fundamental concept in Human Geography . Understanding of man- nature relationship:- Determinism, Possibilism and Neo-determinism. Classification of Human Occupation	12
II	Population and Settlement - Growth of population, distribution and density of the world. Socio- economic Pattern of Population – Literacy, Migration:- Causes, and types .Occupational Structure. Theory and Model of population growth:-Concept of Optimum Population, Over Population and Under population.	10
III	Human Settlement and Races- Types and characteristics of human settlement- Rural settlement and Urban Settlement. Human Races- Basis of Racial Classification, world distribution. Habitat and economy of selected communities (Gond, Eskimo, Bushmen).	12
IV	Geography and Development- Indicators and measures of Regional development ., Global pattern of development:- inter-regional variations, HDI. Concept of Sustainable Development.	11
Keywords	Determinism, Possibilism, Occupational Structure. Optimum Population, Racial	

Signature of Convener, Members of CBoS

Signature of Convener, Members of CBoS

(1) Dr. B. L. S. A.	(10) Dr. S. T. S. A.
(2) Dr. J. M. A.	(11) Dr. S. T. S. A.
(3) Dr. P. M. A.	(12) Dr. S. T. S. A.
(4) Dr. R. M. A.	(13) Dr. S. T. S. A.
(5) Dr. S. M. A.	(14) Dr. S. T. S. A.
(6) Dr. T. M. A.	(15) Dr. S. T. S. A.
(7) Dr. U. M. A.	(16) Dr. S. T. S. A.
(8) Dr. V. M. A.	(17) Dr. S. T. S. A.
(9) Dr. W. M. A.	(18) Dr. S. T. S. A.

Chairman
Secretary

Officer-In-Charge (Academics)
Shaheed Nandkumar Patel
Hishwavidyalaya, Raigarh (C.G.)

Chairman
Sudhakar Kumar Patel
Diyalaya, Raigarh (C.G.)

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

- 1- James, M. Robenstein, *An Introduction to Human Geography*, Prentice Hall, New Jersey, 2001
- 2- Michael, Can, *New Patterns: Process and Change in Human Geography* Nelson, 1997
- 3- Hussain Mazid- *Human Geography*, (Hindi & English Both) Rawat Publication Jaipur
- 4- Garg H.S. Manav Bhoogol, SBPD Publication, Agra.
- 5- Haroon Mohammad, Manav Bhoogol, Wisdom Publication
- 6- Kausik S.D. Manav avam Arthik Bhoogol, Rastogi publication Meerut.
- 7- Maurya, S.D. Manav Bhoogol, Sharda Pustak Bhavan, Prayagraj.2009
- 8- Khullar, D. R. *Human Geography*, (In Hindi) Kalyani Publishers, Ludhiyana, 2016
- 9- Prasad, Gayatri, *Cultural Geography*, (In Hindi) Sharda Pustak Bhavan . Prayagraj.

Reference books:

- 1- Bergwan, Edward E., *Human Geography: Culture. Connections and Landscape*, Prentice Hall, New Jersey. 1995
- 2- Carr, M., *Patterns, Process and change in Human Geography*, MacMillan Education, London, 1987.
- 3- Daniels Peter, Bradshaw Michael, Shaw Devil and Side way James, *Human Geography: Issues for the Twenty First Century*, Prentice Hall, New Jersey, 2001
- 4- Clarke, J I, *Population Geography of Developing Country*, Pergamon press ,Oxford, 1971

E-Books

- <https://web.ung.edu/media/university-press/human-geography.pdf>
- <https://www.drishtiias.com/hindi/images/pdf/NCERT-Hindi-Class-12-Geography-Part-1.pdf>
- <http://assets.vmu.ac.in/GE05.pdf> Human Geography
- <https://open.umn.edu/opentextbooks/textbooks/870>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eschiksha.mp.gov.in
- www.vlab.co.in
- www.swavam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment(CIA):30 Marks

End Semester Exam (ESE):70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40Marks	

Signature of Convener, Members of CBoS:

Dr. B. L. Saini

Dr. R. K. Thakur

M-S. SATHI

Dr. C. P. Nand

10. Dr. S. Yadav

11. Dr. Chandra

12

13. Dr. Sophia Ambekar

14

Officer-In-Charge

Shaheed Nandkumar Patel
Chhawidyalaya, Raigarh (C.G.)

Chairman

Shaheed Nandkumar Patel
Chhawidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Certificate / Diploma / Degree/ Honors)		Semester -II	Session: 2024-2025
1	Course Code	GOG- 02 P	
2	Course Title	Practical 2 - Scale and Representation of Relief	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per program	
5	Course Learning Outcomes (CLO)	At the end of the this course the student will be able to 5- Understand and prepare different kinds of Scales and comprehend the concept of scales . 6- Identify the features of the land form through counters 7- Developed the Relief Map Making skills. 8- Gain in-depth knowledge on Drawing of Contour Features.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	4- Scale- Methods of representing Scale, Conversion of Scale Type of Linear Scale- Simple Scale, Time Scale, Comparative Scale, Diagonal Scale 5- Representing of Relief- Pictorial, Mathematical and Combine Methods. 6- Contours-Land forms Representing By Contours- Hill, Ridge, Plateau, V shaped Valley, U shaped Valley, Waterfall,	30
Keywords	Scale, Diagonal ,Relief, V shaped Valley, Ridge	

Signature of Convener, Members of CBoS: (10) Dr. S. Tuckar 10/06/24
 (1) Dr. B. L. Srivastava
 (2) Dr. A. K. Singh
 (3) Dr. A. K. Singh
 (4) Dr. A. K. Singh
 (5) Dr. A. K. Singh
 (6) Dr. A. K. Singh
 (7) Dr. A. K. Singh
 (8) Dr. A. K. Singh
 (9) Dr. A. K. Singh
 (10) Dr. A. K. Singh

Chairman
 Shaheed Nandkumar Patel
 Uchhawavidyalaya, Raigarh (C.G.)

PART-C: Learning Resources

Text Books, Reference Books and Others

- 2- Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient Publication Kolkata.
5. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut .
6. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
7. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
- 10- Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi, 2010
- 11- Chauhan, P R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
- 12- Istiyak.M. 1989, A Textbook of Practical Geography, Heritage Publication New Delhi
- 13- Mishra R.N. , P K Sharma, Prayogik Bhoogol Rawat Publication, Jaipur , 2019
- 14- Khullar , D.R., Prayogatmak Bhoogol, Kalyani Publishers, Ludhiyana.

Online Resources – (e-Resources/e-books and e-learning portals)

- > <https://books.google.co.in/books>
- > https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- > https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra
Dr PK Sharma SAMPLE COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher) Internal Test / Quiz-(2): 10 & 10
Assignment/Seminar +Attendance - 05
Total Marks - 15
Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks

End Semester Exam (ESE): Laboratory / Field Skill Performance: On spot Assessment
D. Performed the Task based on lab. work - 20 Marks
E. Spotting based on tools & technology (written) - 10 Marks
F. Viva-voce (based on principle/technology) - 05 Marks
Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS:

① Dr. B. L. Sarma
② Dr. S. Kumar
③ Dr. S. Kumar
④ Dr. S. Kumar
⑤ Dr. S. Kumar
⑥ Dr. S. Kumar
⑦ Dr. S. Kumar
⑧ Dr. S. Kumar
⑨ Dr. S. Kumar
⑩ Dr. S. Kumar
⑪ Dr. S. Kumar
⑫ Dr. S. Kumar
⑬ Dr. S. Kumar
⑭ Dr. S. Kumar
⑮ Dr. S. Kumar
⑯ Dr. S. Kumar
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㊼ Dr. S. Kumar
㊽ Dr. S. Kumar
㊾ Dr. S. Kumar
㊿ Dr. S. Kumar

Officer-In-Charge
Shaheed Nandkumar Patel
Wishwavidyalaya, Raigarh (C.G.)

Chairman
Dr. S. Kumar
Wishwavidyalaya, Raigarh (C.G.)

शहीद नंदकुमार पटेल विश्वविद्यालय, रायगढ़ (छ.ग.)

(छत्तीसगढ़ विश्वविद्यालय अधिनियम 1973 द्वारा स्थापित राजकीय विश्वविद्यालय)



राष्ट्रीय शिक्षा नीति – 2020
के तहत तृतीय एवं चतुर्थ सेमेस्टर
नवीन पाठ्यक्रम
(सत्र 2025–26)

भूगोल

FOUR YEAR UNDERGRADUATE PROGRAM (NEP- 2020)

PROGRAM: BACHELOR IN ARTS (2024- 28)

DISCIPLINE- GEOGRAPHY

SESSION-2024-25

DSC-01 to 08		DSE- 01 to 12	
Course Code	Course Title	Course Code	Course Title
GOSC-01T	Fundamental of Physical Geography	GOSE-01T	Climatology and Oceanography
GOSC-01P	Cartography-Tools and Techniques	GOSE-01P	Study of Indian Weather Maps
GOSC-02T	Fundamental of Human Geography	GOSE-02T	Soil and Bio- Geography
GOSC-02P	Scale and Representation of Relief	GOSE-02P	Study of Geological Maps
GOSC-03T	Economic Geography	GOSE-03T	Disaster Management
GOSC-03P	Map Projection	GOSE-03P	Statistical Methods
GOSC-04T	Geography Of India	GOSE-04T	Industrial Geography
GOSC-04P	Representation of Statistical Data	GOSE-04P	Aerial Photograph
GOSC-05T	Geography of Chhattisgarh	GOSE-05T	Rural Settlement Geography
GOSC-05P	Distribution of Maps and 3-Dimensional Diagram	GOSE-05P	Principal of GIS
GOSC-06T	History of Geographical Thought	GOSE-06T	Urban Geography
GOSC-06P	Study and Interpretation of Topographical Maps	GOSE-06P	Fundamental of Remote Sensing
GOSC-07T	Geomorphology	GOSE-07T	Political Geography
GOSC-07P	Field Survey- Chain & Tape, Prismatic Compass and Plane Table Survey	GOSE-07P	Computer Cartography in-Geography
GOSC-08T	Regional Planning and Development	GOSE-08T	Sustainable Development
GOSC-08P	Morphometric Analysis	GOSE-08P	Instrumental Survey- Dumpy level
		GOSE-09T	Rural Development in India
		GOSE-09P	Cartographical Analysis of Geographical Patterns And System
		GOSE-10T	Geography of Tourism
		GOSE-10P	Field Work-Tour And Tour Report
		GOSE-11T	Tribal Development in India
		GOSE-11P	Project Report on Socio-Economic Survey
		GOSE-12T	Agriculture and Food security
		GOSE-12P	Field Study and Research Report
GE - 01 & 02			
GOGE-01T	Fundamental of Physical Geography	VAC	
GOGE-01P	Cartography-Tools and Techniques	GOVAC-01	Geographical Knowledge in Ancient India
GOGE-02T	Fundamental of Human Geography	SEC	
GOGE-02P	Scale and Representation of Relief	GOSEC-01	Principle of Map Making

Signature of Convener Members of CBOS:

1. Dr. B. L. Sen
 2. Dr. D. D. Koushyal
 3. Dr. (M. J. P. Kujur
 4. A. Beck
 5. Dr. Sooma Meshu
 6. Dr. S. S. Yadav
 7. Dr. S. Chandra
 8. Dr. Sophia Anand
 9. Prof. (Mrs) Usha Gole

Chairman

of Studies
 Sheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Officer-In-Charge (Academic)

Shaheed Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction

Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester - III	Session: 2024-2025
1	Course Code	GOSC - 03 T	
2	Course Title	ECONOMIC GEOGRAPHY	
3	Course Type	DSC	
4	Pre-requisite (if, any)	As per program	
5	Course Learning Outcomes(CLO)	At the end of this course the student will be able to 1. Understand about the nature and scope of Economic Geography. 2. Understand the concept and classification of resources natural and minerals. 3. Identify the major Crops their production and distribution. 4. Understand the fundamentals of major economic theories, 5. Understand the economic activities-primary secondary and tertiary 6. Understand the basic theories of Agriculture and Industrial location	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART-B: Content of the Course

Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics(Course contents)	No. of Period
I	Concepts of economic Geography Meaning scope and major concept of economic Geography, Resources meaning classification – renewable and non-renewable and their conservation.	12
II	Mineral resources: Iron ore and Bauxite, Power resource- Coal, Petroleum & Hydro-electricity Principal Crops- Rice Wheat, Sugar cane, Tea, Coffee, Cotton	11
III	Major Industries: Mineral based-Iron and Steel Industry, Cement Industry, Forest based- Paper Industries Agro based- Cotton Textile Industries,	11
IV	Theory of Agriculture location –Von Theunen, Agriculture regions of the world- D. Whittlesey Theory of Industrial location- Weber	11
Keywords Resources:		

Signature of Convener, Members of CBoS :	
Dr. B. L. Saini	10 Dr. S. Tachan
Dr. R. K. Thakur	11 Dr. S. Tachan
Dr. S. SATHU	12 Dr. S. Tachan
Dr. C. P. WAND	13 Dr. S. Tachan

Sophia
18-7-24

Sophia
10/7/25
विश्वविद्यालय (उ.प्र.)

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Alexander, J.W. (1988): Economic Geography. Prentice-Hall, New Delhi.
2. Bryson, J., Henry, N., Keeble, D. and Martin, R. (eds.) (1999): The Economic Geography Reader: Producing and Consuming Global Capitalism. John Wiley and Sons, Inc, New York.
3. Clark, G.L., Gertler, M.S. and Feldman, M.P. (eds.) (2000): The Oxford Handbook of Economic Geography. Oxford University Press, USA.
4. Coe, N. (2007): Economic Geography: A Contemporary Introduction. Blackwell Publishers, Inc., Massachusetts.
5. Gautam, A. (2006): *Aarthik Bhugo/Ke Moo/Tattava*, Sharda Pustak Bhawan, Allahabad.

Online Resources –

e-Resources / e-books and e-learning portals

- <https://epustakalaya.com/book/55674-economic-geography-by-shankar-sahay-saxena/>
- <https://sahityabhawanpublications.com/product/economic-geography-hindi-book/>
- <https://himanshupublications.com/product/economic-resource-geography-hindi/>
- https://books.google.co.in/books/about/Economic_Geography_%E0%A4%86%E0%A4%B0%E0%A5%8D%E0%A4%A5%E0%A4%BF%E0%A4%95.html?id=ElHnEAAAQBAJ&redir_esc=y

Online Resources – (e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.esniksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	100 Marks
Continuous Internal Assessment (CIA):	30 Marks
End Semester Exam (ESE):	70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz (2): 20 + 20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1 out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBoS:

Dr. B. L. Saxena
Dr. B. K. Mohan
M. S. SATHI
Dr. G. N. and
10. Dr. S. Yadav
11. Dr. S. Chandra
12. Dr. S. Chandra
13. Dr. Sophie Ambrele

Sophie
19/7/24

Sophie
10/7/25
शिवपुरी
विश्वविद्यालय
(स.स.)

FOUR YEAR UNDERGRADUATE PROGRAM(2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester -III	Session: 2024-2025
1	Course Code	GOSC – 03 P	
2	Course Title	Practical 3 - MAP PROJECTION	
3	Course Type	PRACTICAL	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes(CLO)	After the completion of course, the students will have ability to: 1. Read and prepare maps. 2. Comprehend locational and spatial aspects of the earth surface. 3. Use and importance of maps for regional development and decision making.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks:50	Min Passing Marks:20

PART -B: Content of		
Total No.of learning-Training/performancePeriods:30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Map Projection -Classification, Characteristics, Merit and demerit Gnomonic Polar Zenithal Projection, Stereographic Polar Zenithal Projection, Orthographic Polar Zenithal Projection, Conical Projection with One Standard Parallel, Conical Projection with Two Standard Parallel, Bonne Projection, Polyconic Projection Simple Cylindrical Projection, Cylindrical Equal Area Projection, Mercators Projection, Gall's Projection.	30
Keywords	Map Projection- Polar Zenithal, Conical and Cylindrical Projection,	

Signature of Convener, Members of CBoS

Dr. B. L. Saini

Dr. B. K. Thakur

M. S. SATHI

Dr. G. P. RAO

10. Dr. S. T. Chaudhary

11. Dr. S. S. Chaudhary

12. Dr. S. S. Chaudhary

13. Dr. S. S. Chaudhary

18/7/24

10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

- 1- Sarkar, A.K. (1997): Practical Geography : A Systematic Approach. Orient Publication Kolkata.
2. Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut .
3. Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
4. Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
- 5- Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi, 2010
- 6- Chauhan, P R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
- 7- Istiyak.M. 1989, A Textbook of Practical Geography, Heritage Publication New Delhi
- 8- Mishra R.N. , P K Sharma, Prayogik Bhoogol Rawat Publication, Jaipur , 2019
- 9- Khullar , D.R., Prayogatmak Bhoogol, Kalyani Publishers, Ludhiyana.

Online Resources – (e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

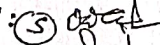
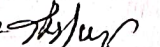
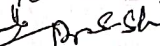
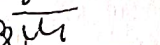
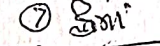
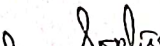
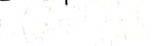
Maximum Marks: 50 Marks

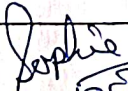
Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS:

Dr. L. S. S.  ⑤  10. Dr. S. T. Yadav 
Dr. P. K. Mishra  ⑥  11. Dr. P. K. Mishra 
M. S. S.  ⑦  12. M. S. S. 
Dr. C. P. N.  ⑧  13. Dr. C. P. N. 
⑨ 


12/7/24

अध्यक्ष, संस्थान
विश्वविद्यालय
10/7/25

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester - IV	Session: 2024-2025
1	Course Code	GOSC - 04 T	
2	Course Title	GEOGRAPHY OF INDIA	
3	Course Type	DSC	
4	Pre-requisite (if, any)	As per Govt. norm	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: 1. Understand about the physiographic division of India and drainage system. 2. Understand the seasonal variations of climate and monsoon of India. 3. Understand the biotic and abiotic resources of India. 4. Understand the growth density and distribution of population of India. 5. Understand the economic activity primary, secondary and tertiary.	
6	Credit Value	3 Credits	Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks: 40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods (01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Physical Features: Structure, relief, Drainage, Climate and Monsoon, Soil, Water resource and Forest.	12
II	Agriculture-Major Cereals: Paddy, Wheat, Tea, Coffee, Sugarcane Population-Growth, Density, Distribution	11
III	Mineral resources: Iron Ore, Bauxite, Coal, Petroleum & Natural gas, Atomic energy and Non-conventional energy resources	11
IV	Industries localization, development and production- Iron and Steel, Cotton Textile, Cement & Sugar Industries, Industrial Regions, SEZ Trade and Transport	11
Keywords	Physical Features, Minerals, Industries	

Signature of Convener, Members of CBoS

Dr. B. L. Sarin

Dr. R. K. Bhatnagar

Dr. S. S. Anand

Dr. C. P. Anand

10. Dr. S. Yadav

Dr. S. Chatterjee

13. Dr. Sophie Anand

Sophie

18.7.24

अध्यक्ष

विश्वविद्यालय, गुवाहाटी (छा.ग.)

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Chauhan, P.R. and Prasad, M. (2003): *Bharat Ka Vrihad Bhugol*, Vasundhara Prakashan, Gorakhpur.
2. Farmer, B.H.(1983): *An Introduction to South Asia*. Methuen, London
3. Gautam, A. (2006): *Advanced Geography of India*, Sharda Pustak Bhawan, Allahabad
4. Johnson, B.L.C. (1963): *Development in South Asia*. Penguin Books, Harmondsworth
5. Krishnan, M.S.(1982): *Geology of India and Burma*, CAS Publishers and Distributors, Delhi.
6. Khullar, D.R. (2007): *India: A Comprehensive Geography*, Kalyani Publishers, New Delhi
7. Nag, P. and Gupta, S.S. (1992): *Geography of India*, Concept Publishing Company, New Delhi.

Online Resources–

- https://www.iipa.org.in/upload/ind_geo.pdf
- <https://ncert.nic.in/textbook.php?kegy2=0-16>
- <https://archive.org/details/indiaasacredgeography>

Online Resources–

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment (CIA): 30 Marks End Semester Exam (ESE): 70 Marks

Continuous Internal Assessment (CIA): 30 Marks		
Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
	Assignment / Seminar - 10	
	Total Marks - 30	
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1 out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBoS:

Dr. B.L. Saini

Dr. P.H. Mahapatra

M.S. SATHI

Dr. C.P. Nandan

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⑥

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FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester-IV	Session: 2024-2025
1	Course Code	GOSC- 04 P	
2	Course Title	Practical 4 - Representation of Statistical Data	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: 1- Read and prepare diagram. 2- Acquire knowledge to prepare Graphs and diagram from geographic data and also the ability to interpret them. 3- To understand basic statistical methods and skills for cartographic transformation of information. Skills in graphical representation of data pertaining to geography will be given.	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART-B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Representation of Statistical Data- Kinds of Diagram- One Dimensional, Two Dimensional and Three Dimensional. Bar Diagram, Multiple Bar Diagram , Simple Pyramid Diagram, Block Diagram, Wheel Diagram , Wind Rose, Band Graph,	30
Keywords	Statistical Data, Multiple, Three dimensional, Pyramid, wind rose.	

Signature of Convener, Members of CBoS:		
Dr. B. L. Sinha	⑤	10. Dr. S. Tadau
Dr. B. K. Thakur	⑥	11. Dr. S. S. S. S.
M. S. SATHU	⑦	12.
Dr. G. P. NAND	⑧	13. Dr. Sophie Ambre - Sophie

Sophie
18.7.24

Sophie
10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

- 1- Sharma, J.P. (2001): Prayogik Bhugol., Rastogi Publication, Meerut 3rd edition.
- 2- Singh, R.L. and Singh, Rana P.B. (1993): Elements of Practical Geography. (Hindi and English editions). Kalyani Publishers, New Delhi.
- 3- Singh, L.R. (2006) : Fundamentals of Practical Geography, Sharda Pustak Bhawan,
- 4- Haroon, M. , Practical Geography, Mishra Trading Corporation, Varanasi, 2010
- 5- Chauhan, P R. 2005, Practical Geography, Vasundhara Prakashan, Gorakhpur
- 6- Istiyak.M. 1989, A Textbook of Practical Geography, Heritage Publication New Delhi

Online Resources-(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment(CIA): 15 Marks

End Semester Exam(ESE): 35 Marks

Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz +obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) - 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. Status

Signature of Convener, Members of CBoS:

Dr. B. L. Saini

Dr. A. K. Thakur

M. S. SATHI - 12/20/21

Dr. C. P. Nand

⑤ 02/02/21

⑥ 11/02/21

⑦ 11/02/21

⑧ 11/02/21

⑨ 11/02/21

10. Dr. S. Yadav

Dr. S. Ghosh

12

13. Dr. Susho Ambale

Dr. Susho Ambale

Susho
18/7/24

18/7/24

Susho
18/7/24

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Diploma / Degree/ Honors)		Semester - III	Session: 2024-2025
1	Course Code	GOSE – 01 T	
2	Course Title	CLIMATOLOGY & OCEANOGRAPHY	
3	Course Type	DSE	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: 1. Understand the elements of weather & climate and its impact in different scales. 2. Understand the Monsoon system and comprehend the climatic aspects and its bearing on planet earth. 3. Understand the Oceanic process and its impact on land water. 4. Understand the future availability of resources through Oceans. 5. Understand the Climatic change and Global warming.	
6	Credit Value	3 Credits	Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks: 40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods (01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Atmospheric composition and structure, Layers, Insolation, Temperature, Factors affectin distribution of temperature. Heat budget, Inversion of Temperature, Air Pressure and winds Circulation of winds.	12
II	Atmospheric moisture, condensation, evaporation and Humidity. Cyclones- Tropical and Temperate, Monsoon -El-Niño & La Nina	11
III	General Introduction of Oceans, Ocean Relief, Temperature , Salinity- distribution and determinants Currents – Oceanic circulation and its impact	11
IV	Waves & Tides, Marine Deposits, Coral Reef, Theories Ocean resources- minerals food, Power Etc.	11
Keywords	Composition, structure of atmosphere, Monsoon, Temperature , Salinity of Ocean, Store food house for future	

Signature of Convener, Members of CBoS :

① Dr. B. L. San *[Signature]*

② *[Signature]*

③ M. S. SATHU - *[Signature]*

④ Dr. C. S. Nand *[Signature]*

⑤ *[Signature]*

⑥ *[Signature]*

⑦ *[Signature]*

⑧ *[Signature]*

⑨ *[Signature]*

⑩ Dr. S. Madan *[Signature]*

⑪ *[Signature]*

⑫ *[Signature]*

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㊾ *[Signature]*

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10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Lal, D.S. :Climatology, Chaitanya Publications, Allahabad, 1986.
2. Critchfield, J.H. :General Climatology, Prentice Hall, India, New Delhi, 1993.
3. Das, P.K. :Monsoons 'National Book Trust, New Delhi, 1987.
4. Fein, J.S. and Stephens, P.N. :Monsoons. Wiley Interscience, 1987
5. Davis Richard J.A. : "Oceanography-An Introduction to the Marine Environment". Wm. C. Brown Iowa, 1986.

Online Resources–

- <https://www.imdpune.gov.in/training/training%20notes/Climatology-IMTC.pdf>
- https://www.bkbcollege.in/upload/dpt_book/1669712576.pdf
- <https://www.scribd.com/document/649484125/CLIMATOLOGY-BY-DS-LAL>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: ASSESSMENT AND EVALUATION

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment (CIA): 30 Marks

End Semester Exam (ESE): 70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1 out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBOs:

① Dr. B. L. San
② Dr. San
③ Dr. San
④ Dr. San

⑤ Dr. San
⑥ Dr. San
⑦ Dr. San
⑧ Dr. San
⑨ Dr. San
⑩ Dr. San

अध्यक्ष मंडल
विश्वविद्यालय
17/12/24

18/12/24

PART- A: Introduction			
Program: Bachelor in ARTS (Diploma / Degree / Honors)		Semester - III	Session: 2024-2025
1	Course Code	GOSE- 03 P	
2	Course Title	Practical 3 - STUDY OF INDIAN WEATHER MAP	
3	Course Type	PRACTICAL	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: 1. Understand the difference between weather and climate. 2. Understand the elements of climate and Meteorological instruments 3. Understand the importance of Weather maps, the method of description through various seasons-summer, winter and rainy	
6	Credit Value	1 Credits	Credit = 30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Difference between Weather and Climate and its elements, Importance of Weather Maps Indian Meteorological Observatories, Meteorological instruments, Representation o Weather elements on Map, Interpretation of Indian daily weather report – summer winter, rainy season.	30
Keywords	<i>Weather, Climate, Monsoon, NLM, Interpretation, Instruments.</i>	

Signature of Convener, Members of CBoS: ⑤ [Signature]
⑥ [Signature] Dr. S. Chandra
⑦ [Signature] Dr. Sophia Ambre, Sophia
⑧ [Signature]
⑨ [Signature]
⑩ Dr. S. Yadav [Signature] Sophia
18.7.24

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Sharma J. P., 2010: Prayogic Bhugol, Rastogi Publishers, Meerut.
2. Singh R. L. and Singh R. P. B., 1999: Elements of Practical Geography, Kalyani Publishers.
3. Sarkar, A. (2015) Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi
4. Singh, L R & Singh R (1977): Manchitra or Prayogatamek Bhugol, Central Book, Depot, Allahabad 1.
5. Singh R L and Dutta P K (2012) Prayogatama Bhugol, Central Book Depot, Allahabad
6. Prof. R.N.Mishra & P.K.Sharma (2023) Practical Geography, Pareek Publication Jaipur

Online Resources–(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment Performed the Task based on lab. work - 20 Marks Spotting based on tools & technology (written) - 10 Marks Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS

① Dr. B. L. Sar

② Dr. P. K. Mishra

③ Dr. R. K. Singh

④ Dr. S. K. Singh

⑤ Dr. S. K. Singh

⑥ Dr. S. K. Singh

⑦ Dr. S. K. Singh

⑧ Dr. S. K. Singh

⑨ Dr. S. K. Singh

⑩ Dr. S. K. Singh

Dr. Sushil Ambekar - Sushil

Dr. S. K. Singh

Dr. S. K. Singh

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Diploma / Degree/Honors)		Semester - IV	Session: 2024-2025
1	Course Code	GOSE – 02 T	
2	Course Title	SOIL & BIOGEOGRAPHY	
3	Course Type	DSE	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	At the end of the semester student has ability to 1. Acquaint with the nature and basics of Biogeography 2. Describe the major factors and processes governing the soil formation. 3. To analyze the different issues regarding soil degradation and soil conservation. 4. Explain the major principles and processes that govern the local and global distribution of plants & animals 5. Critically assess theoretical and conceptual issues relating to biodiversity and forest conservation efforts in India.	
6	Credit Value	3 Credits	Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks: 40

PART -B: Content of the Course

Total No. of Teaching-learning Periods (01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I Nature of Biogeography	Definition, scope of Biogeography, Approaches of Biogeography, relation with other branches of science, Relevance of the study of Biogeography, Development of Biogeography	12
II Soil formation & conservation	Soil Formation: Factors and Processes; Soil Properties (Physical and Chemical); Soil Nutrients and Organisms; Soil Profile. Soil Taxonomy: Classification by USDA and FAO; Soil Degradation: Causes and Consequences; Soil Conservation	11
III Plant & animal community	Plant Community: Meaning and Concepts; Evolution and Classification of Plants; Plant Response to Environment: Adaptation, Succession, and Climax; Dispersal and Distribution of Plants. Phyto-geographical regions; Consequences of deforestation. Theory of evolution of species (DARVIN) and its critics. Factor influencing the Distribution, Dispersal and migration of animals; means and barriers; Zoo-geographical regions of the world. Wild life management; Relevance of sanctuaries with special reference to India	11
IV – Biodiversity	Biodiversity ; Concept, Types and Importance; Biodiversity Conservation; Biomes with Special Reference to Tropical Rain Forests, Tropical Monsoon Deciduous Forest, Tropical and Temperate Grass Lands. . National Forest Policy of India, Conservation of Biotic Resources. , Social forestry and Participatory Management of Forest in India.	11

Signature of Convener, Members of CBoS

1. Dr. B. L. Saini
 2. Dr. P. K. Saini
 3. Dr. P. K. Saini
 4. Dr. P. K. Saini
 5. Dr. P. K. Saini
 6. Dr. P. K. Saini
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 20. Dr. P. K. Saini
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 22. Dr. P. K. Saini
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 32. Dr. P. K. Saini
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 37. Dr. P. K. Saini
 38. Dr. P. K. Saini
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 41. Dr. P. K. Saini
 42. Dr. P. K. Saini
 43. Dr. P. K. Saini
 44. Dr. P. K. Saini
 45. Dr. P. K. Saini

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended—

1. Cox, C.B. and Moore, P.D. (1993): Biogeography: An Ecological and Evolutionary Approach, 5th Edition, Blackwell, Oxford.
2. Darlington, P. J. (1957): Zoogeography: The Geographical Distribution of Animals, Wiley, New York.
3. Haggett, R.J., (1998): Fundamentals of Biogeography, Routledge, London
4. Mathur, M.S. (1988): Essentials of Biogeography, Jaipur
5. Singh, Savindra (2020), Biogeography, Pravalika Publication, Allahabad
6. Singh, R.B. (2009): (Eds.) Biogeography and Biodiversity. Rawat Publication, New Delhi.

Online Resources—

- <https://www.rawatbooks.com/environment/biogeography->
- <https://www.routledge.com/Fundamentals-of-Biogeography/Huggett/p/book/9780415323475>
- <https://study.com/academy/lesson/biogeography-definitions-examples.html>

OnlineResources–(c-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.cshiksha.mpp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods: Maximum

Marks: **100 Marks**

Continuous Internal Assessment (CIA): 30 Marks

End Semester Exam (ESE): 70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBoS

Signature of Convener, Members of CBoS:

① Dr. B.L. Saw	⑤ [Signature]	⑩ Dr. S. Tachaw
② [Signature]	⑥ [Signature]	⑪ [Signature]
③ [Signature]	⑦ [Signature]	⑫ Dr. S. Chidder
④ [Signature]	⑧ [Signature]	⑬ Dr. Sophie Ambrolo - Sophie
	⑨ [Signature]	⑭ [Signature]

Joseph
 18/7/23

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction		
Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester - IV Session: 2024-2025
1	Course Code	GOSE - 02 P
2	Course Title	PRACTICAL 2 - GEOLOGICAL MAPS
3	Course Type	Practical
4	Pre-requisite (if, any)	As per Programme
5	Course Learning Outcomes (CLO)	At the end of the semester student has ability to 1. To provide the knowledge of geological structure of the earth 2. To Understand the Geological periods 3. To acquainted knowledge of rocks and their pattern
6	Credit Value	1 Credits Credit = 30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50 Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Geological Maps- definition, types, importance Geological time, Rocks, basic concepts: dip, strike line, width& thickness of bed Construction of strike line , completion of bed, Cross sectional analysis of conformable- Unconformable series Cross section analysis of fold & fault	30
Keywords	Geological map, rocks. Strike line, cross section	

Signature of Convener, Members of CBoS:

① Dr. R. L. Jaiswal
 ② Dr. S. K. Jaiswal
 ③ Dr. S. K. Jaiswal
 ④ Dr. S. K. Jaiswal
 ⑤ Dr. S. K. Jaiswal
 ⑥ Dr. S. K. Jaiswal
 ⑦ Dr. S. K. Jaiswal
 ⑧ Dr. S. K. Jaiswal
 ⑨ Dr. S. K. Jaiswal
 ⑩ Dr. S. K. Jaiswal

Dr. Sophie Ambekar - Sophie

10/06/24

10/7/25

18.7.24

अध्ययन केंद्र
 शहरी विकास
 विश्वविद्यालय

FOUR YEAR UNDERGRADUATE PROGRAM(2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction

Program: Bachelor in Arts (Degree / Honors)		Semester - V	Session: 2024-2025
1	Course Code	GOSE – 03 T	
2	Course Title	DISASTER MANAGEMENT	
3	Course Type	DSE	
4	Pre-requisite(if, any)	As per Programme	
5	Course Learning Outcomes(CLO)	At the end of the semester student has ability to 1. Understand the need and significance of studying disaster management 2. Understand the different types of disasters and causes for disasters. 3. Gain knowledge on the impacts Disasters on environment and society 4. Study and assess vulnerability of a geographical area. 5. Students will be equipped with various methods of risk reduction measures and risk mitigation. 6. Understand the role of Information Technology in Disaster Management	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART -B: Content of the Course

Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I	Concept of Hazards & Disasters, Vulnerability and risk. Natural and man made hazards, Types of hazards, Concept of disaster management	10
II	Disaster management cycle- Pre disaster management, During disaster management, Post Disaster review and management, Prevention, mitigation, preparedness, Adaptation.	12
III	Detail study of nature and characteristics of hazards:- Flood, Cyclone, Drought, Earthquake. Man -made hazards – Industrial , Fire and Ground water depletion , Virus epidemic Disasters,	12
IV	Indigenous community based disaster preparedness. Role of NDMA, NIDM, NDRF, Disaster working system. Role of NGOs and Dos & not Dos in disaster management.	11
Keywords	Hazards ,Vulnerability, Prevention, mitigation, Cyclone	

Signature of Convener, Members of CBoS :

Signature of Convener, Members of CBoS: (1) Dr. S. Yadav Jul
(2) Dr. B. L. San Jul
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PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Larry R. Collins-Disaster Management and Preparedness, Rutledge and Taylor & Francis Group
2. JACK RABIN ,Disaster Management Handbook, Taylor & Francis,2008
3. W. Nick Carter, Disaster Management -A Disaster Manager's Hand book , Asian Development Bank
4. Shrivastava, A K. , A Text book of Disaster Management, Scientific Publishers Jodhpur , Rajasthan
5. Singh Savindra(2014) Apda Prabandhan, Pravalika Publication, Prayagraj.
6. Husain Mazid(2018) Paryavaran avam Paristhaitiki, GK Publication, New Delhi.
7. Sinha, A.K.(2023) .Disaster Management, (Hindi)Ganga Prakashan Pyagraj
8. Pathak G.K (2021) Apda Prabandhan, (In Hindi)Rajesh Publication New Delhi.
9. Garg H.S.- Disaster Management – (IN Hindi)SBPD Publications, 2018

Online Resources– (e-Resources / e-books and e-learning portals)

- E books- Disaster Management and Information Technology
<https://link.springer.com/book/10.1007/978-3-031-20939-0>
- https://www.academia.edu/33090026/DISASTER_MANAGEMENT P Krishna Sankar
- https://asdma.gov.in/pdf/publication/undp/disaster_management_in_india.pdf
- <https://ncert.nic.in/textbook/pdf/khgy107.pdf>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swavam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment(CIA):30 Marks

End Semester Exam(ESE):70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40Marks	

Signature of Convener, Members of CBoS

① Dr. B. L. Sanjay
② Dr. S. Yadav
③ Dr. S. Yadav
④ Dr. S. Yadav
⑤ Dr. S. Yadav
⑥ Dr. S. Yadav
⑦ Dr. S. Yadav
⑧ Dr. S. Yadav
⑨ Dr. S. Yadav
⑩ Dr. S. Yadav

Sophia
10/7/23
18/7-24

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Diploma / Degree / Honors)		Semester -III	Session: 2024-2025
1	Course Code	GOSE - 03 P	
2	Course Title	Practical 3 - STATISTICAL METHODS	
3	Course Type	PRACTICAL	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes(CLO)	After the completion of course, the students will have ability to: 1. Learn the significance of statistics in geography. 2. Understand the importance of use of data in geography 3. Recognize the importance and application of Statistics in Geography 4. Interpret statistical data for a holistic 5. understanding of geographical phenomena. Know about different types of sampling. 6. Develop an idea about theoretical distribution. 7. Learn to use tabulation of data. Gain knowledge about association and correlation	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks:50	Min Passing Marks:20

PART -B: Content of the Course		
Total No. of learning-Training/performancePeriods:30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Use of Data in Geography: Significance of Statistical Methods in Geography; Sources of Data, Scales of Measurement (Nominal, Ordinal, Interval and Ratio.) Tabulation and Descriptive Statistics: Central Tendency - Mean, Median and Mode, Dispersion : Standard Deviation, Variance and Coefficient of Variation Sampling: Methods of sampling Purposive, Random, Systematic and Stratified, Correlation: Rank Correlation, Product Moment Correlation.	30
Keywords	Use and Sources of Data, Scales of Measurement, Central Tendency, Dispersion, Correlation.	

Signature of Convener, Members of CBOs: (1) DRS Yadav (2) ...
 (3) ... (4) ... (5) ... (6) ... (7) ... (8) ... (9) ...
 Dr. Sophia Ambrele - Sophia
 18.7.24
 10/15/24

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Sharma J. P., 2010: Prayogic Bhugol, Rastogi Publishers, Meerut.
2. Singh R. L. and Singh R. P. B., 1999: Elements of Practical Geography, Kalyani Publishers.
3. Sarkar, A. (2015) Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi
4. Singh, L R & Singh R (1977): Manchitra or Prayogamek Bhugol, Central Book, Depot, Allahabad 1.
5. Singh R L and Dutta P K (2012) Prayogatama Bhugol, Central Book Depot, Allahabad
6. Prof. R.N.Mishra & P.K.Sharma (2023) Practical Geography, Pareek Publication Jaipur

Online Resources–

1. Map Work and Practical Geography <https://books.google.co.in/books>
2. Practical Geography, S.B.P.D Publications <https://uou.ac.in/sites/default/files/slm/DGIS-504.pdf>
3. <https://ncert.nic.in/ncerts/l/legv303.pdf>
4. <https://www.uou.ac.in/sites/default/files/slm/GE-203.pdf>

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)

Internal Test / Quiz-(2): 10 & 10
Assignment/Seminar + Attendance - 05
Total Marks - 15

Better marks out of the two Test / Quiz
+ obtained marks in Assignment shall be
considered against 15 Marks

End Semester Exam (ESE):

Laboratory / Field Skill Performance: On spot Assessment
A. Performed the Task based on lab. work - 20 Marks
B. Spotting based on tools & technology (written) – 10 Marks
C. Viva-voce (based on principle/technology) - 05 Marks

Managed by
Course teacher
as per lab. status

Signature of Convener, Members of CBOS:

1. B. L. Suri
2. Dr. S. Yadav
3. Dr. S. Chandra
4. Dr. S. Chandra
5. Dr. S. Chandra
6. Dr. S. Chandra
7. Dr. S. Chandra
8. Dr. S. Chandra
9. Dr. S. Chandra
10. Dr. S. Chandra

Dr. Sophie Ambale

Sophia
18/7/24

Sophia
10/7/25

शहीद नंदकुमार पटेल विश्वविद्यालय, रायगढ़ (छ.ग.)
(छत्तीसगढ़ विश्वविद्यालय अधिनियम 1973 द्वारा स्थापित राजकीय विश्वविद्यालय)



राष्ट्रीय शिक्षा नीति – 2020
के तहत V एवं VI सेमेस्टर
नवीन पाठ्यक्रम
(सत्र 2026–27)

भूगोल

FOUR YEAR UNDERGRADUATE PROGRAM (NEP- 2020)

PROGRAM: BACHELOR IN ARTS (2024- 28)

DISCIPLINE- GEOGRAPHY

SESSION-2024-25

DSC-01 to 08		DSE- 01 to 12	
Course Code	Course Title	Course Code	Course Title
GOSC-01T	Fundamental of Physical Geography	GOSE-01T	Climatology and Oceanography
GOSC-01P	Cartography-Tools and Techniques	GOSE-01P	Study of Indian Weather Maps
GOSC-02T	Fundamental of Human Geography	GOSE-02T	Soil and Bio- Geography
GOSC-02P	Scale and Representation of Relief	GOSE-02P	Study of Geological Maps
GOSC-03T	Economic Geography	GOSE-03T	Disaster Management
GOSC-03P	Map Projection	GOSE-03P	Statistical Methods
GOSC-04T	Geography Of India	GOSE-04T	Industrial Geography
GOSC-04P	Representation of Statistical Data	GOSE-04P	Aerial Photograph
GOSC-05T	Geography of Chhattisgarh	GOSE-05T	Rural Settlement Geography
GOSC-05P	Distribution of Maps and 3-Dimensional Diagram	GOSE-05P	Principal of GIS
GOSC-06T	History of Geographical Thought	GOSE-06T	Urban Geography
GOSC-06P	Study and Interpretation of Topographical Maps	GOSE-06P	Fundamental of Remote Sensing
GOSC-07T	Geomorphology	GOSE-07T	Political Geography
GOSC-07P	Field Survey- Chain &Tape, Prismatic Compass and Plane Table Survey	GOSE-07P	Computer Cartography in Geography
GOSC-08T	Regional Planning and Development	GOSE-08T	Sustainable Development
GOSC-08P	Morphometric Analysis	GOSE-08P	Instrumental Survey- Dumpy level
		GOSE-09T	Rural Development in India
		GOSE-09P	Cartographical Analysis of Geographical Patterns And System
		GOSE-10T	Geography of Tourism
		GOSE-10P	Field Work-Tour And Tour Report
		GOSE-11T	Tribal Development in India
		GOSE-11P	Project Report on Socio-Economic Survey
		GOSE-12T	Agriculture and Food security
		GOSE-12P	Field Study and Research Report
GE - 01 & 02			
GOGE-01T	Fundamental of Physical Geography	VAC	
GOGE-01P	Cartography-Tools and Techniques	GOVAC-01	Geographical Knowledge in Ancient India
GOGE-02T	Fundamental of Human Geography	SEC	
GOGE-02P	Scale and Representation of Relief	GOSEC- 01	Principle of Map Making

Signature of Convener Members of CBOS :

1. Dr. B. L. Sinha
 2. Dr. D. D. Koushly
 3. Dr. (R.) J. P. Kujar
 4. A. Beck
 5. Dr. (R.) S. K. Meshra
 6. Dr. S. Chandra
 7. Dr. Sophia Ambekar
 8. Dr. (Mrs.) UMA GOLT
 9. Smt. GRACE KUMAR
 10. Dr. S. Yadav

Chairman
 Studies
 Shree Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

Chairman
 Studies
 Shree Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)
 23/6/24

Officer-In-Charge
 Shree Nandkumar Patel
 Vishwavidyalaya, Raigarh (C.G.)

FOUR YEAR UNDERGRADUATE PROGRAM (NEP- 2020)

PROGRAM: BACHELOR IN ARTS (2024- 28)

DISCIPLINE- GEOGRAPHY

SESSION-2024-25

DSC-01 to 08		DSE- 01 to 12	
Course Code	Course Title	Course Code	Course Title
GOSC-01T	Fundamental of Physical Geography	GOSE-01T	Climatology and Oceanography
GOSC-01P	Cartography-Tools and Techniques	GOSE-01P	Study of Indian Weather Maps
GOSC-02T	Fundamental of Human Geography	GOSE-02T	Soil and Bio- Geography
GOSC-02P	Scale and Representation of Relief	GOSE-02P	Study of Geological Maps
GOSC-03T	Economic Geography	GOSE-03T	Disaster Management
GOSC-03P	Map Projection	GOSE-03P	Statistical Methods
GOSC-04T	Geography Of India	GOSE-04T	Industrial Geography
GOSC-04P	Representation of Statistical Data	GOSE-04P	Aerial Photograph
GOSC-05T	Geography of Chhattisgarh	GOSE-05T	Rural Settlement Geography
GOSC-05P	Distribution of Maps and 3-Dimensional Diagram	GOSE-05P	Principal of GIS
GOSC-06T	History of Geographical Thought	GOSE-06T	Urban Geography
GOSC-06P	Study and Interpretation of Topographical Maps	GOSE-06P	Fundamental of Remote Sensing
GOSC-07T	Geomorphology	GOSE-07T	Political Geography
GOSC-07P	Field Survey- Chain & Tape, Prismatic Compass and Plane Table Survey	GOSE-07P	Computer Cartography in Geography
GOSC-08T	Regional Planning and Development	GOSE-08T	Sustainable Development
GOSC-08P	Morphometric Analysis	GOSE-08P	Instrumental Survey- Dumpy level
		GOSE-09T	Rural Development in India
		GOSE-09P	Cartographical Analysis of Geographical Patterns And System
		GOSE-10T	Geography of Tourism
		GOSE-10P	Field Work-Tour And Tour Report
		GOSE-11T	Tribal Development in India
		GOSE-11P	Project Report on Socio-Economic Survey
		GOSE-12T	Agriculture and Food security
		GOSE-12P	Field Study and Research Report
GE - 01 & 02			
GOGE-01T	Fundamental of Physical Geography	VAC	
GOGE-01P	Cartography-Tools and Techniques	GOVAC-01	Geographical Knowledge in Ancient India
GOGE-02T	Fundamental of Human Geography	SEC	
GOGE-02P	Scale and Representation of Relief	GOSEC- 01	Principle of Map Making

Signature of Convener Members of CBoS:

1. Dr. B. L. Sai
 2. Dr. H. Thakur
 3. M. S. SAHU
 4. Dr. C. P. NA
 5. Dr. D. D. K. Singh
 6. Dr. (K. J. P. K. Singh
 7. A. Beek
 8. Dr. Seema Mishra
 9. Dr. (Smt. GRACE K. Singh
 10. Dr. S. Yadav
 11. Dr. S. Chandra
 12. Dr. S. Ambekar
 13. Dr. S. Ambekar
 14. Prof. (M. S. Singh) Gole

Chairman

23/6/24

Shaheed Nandkumar Patel
 Shaheed Nandkumar Patel
 Shaheed Nandkumar Patel

Officer-In-Charge
 Shaheed Nandkumar Patel
 Shaheed Nandkumar Patel
 Shaheed Nandkumar Patel

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Degree/Honors)		Semester - V	Session: 2024-2025
1	Course Code	GOSC - 05 T	
2	Course Title	Geography of Chhattisgarh	
3	Course Type	DSC	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: ➤ The students will be Understand location , extent and physical features of of the chhattisgarh. ➤ To explain and analyze the resource distribution utilization and development in the state ➤ Describe and understand the demographic characteristics of Chhattisgarh ➤ Able to explain the Industrial development and Planning process of all sectors of the Chhattisgarh. ➤ Acquaint themselves with geographical knowledge of Chhattisgarh that will assist them in the preparation of competitive examinations.	
6	Credit Value	3 Credits	Credit = 15 Hours - learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks: 40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods (01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
I Physical setting	Location , administrative division, Physical structure, soil vegetation & drainag Climate and climate region ,	12
II Resource Use & Industrial development	Resource and their utilization : Minerals, Water, Land , Industrial Development – Cement , Iron & Steel	11
III Population Structure	Population Structure, Density literacy, occupation structure & caste structure Tribes- Gond,Kawar	11
IV Infrastructure & Govt. policies, planning	Infrastructure Transport, Health care, education Major policies and planning of Chhattisgarh – Agriculture, P.D.S, Tribal development, forest, water resource managment	11
Keywords	<i>Chhattisgarh, Resource & their utilization, infrastructure</i>	

Signature of Convener, Members of CBoS

Dr - B.L. Sahu
 Dr. B.K. Mishra
 Mrs. S. Sahu
 Dr. S. Yadav
 Dr. S. Chandra
 Dr. S. Ambekar
 Dr. (Mrs.) Uma G. (Ref.)

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Sophia
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 18/7/24

Sophia
 10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended-

1. Chhattisgarh Ka Bhoogol : Dr. V.K.Tiwari, Himalaya Publication ,Mumbai
2. Chhattisgarh Ka Bhoogol : Dr. Pramila Kumar , Madhyapradesh Hindi Granth Acadami ,Bhopal (M.P.)
3. Chhattisgarh Ka Bhoogol : Dr. L.N. Verma ,Chhattisgarh Hindi Granth Acadami, Raipur(C.G.)
4. Chhattisgarh Ka Bhoogol : Dr. S.R.Kamlesh
5. Chhattisgarh Ka Bhoogol : Dr. Kiran Gajpal

Online Resources-

- <https://pscnotes.com/CGPCS--Module-6A-Chhattisgarh- Geography>
- <https://www.scribd.com/document/681506232/CG-Bhugol-LN-Verma>
- <https://www.allgk.in/chhattisgarh-geography-gk-book-pdf-download/>
- <https://testbook.com/chhattisgarh-gk/geography-of-chhattisgarh>

OnlineResources-(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	100 Marks
Continuous Internal Assessment (CIA):	30 Marks
End Semester Exam (ESE):	70 Marks

End Semester Exam (ESE):	Internal Test / Quiz-(2): 20 +20		Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
	Assignment / Seminar - 10		
	Total Marks - 30		
Continuous Internal Assessment (CIA): (By Course Teacher)			
End Semester Exam (ESE):	Two section – A & B		
	Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks		
	Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40 Marks		

Signature of Convener, Members of CBoS:

Dr. B. L. Sahu

Dr. P. K. Mishra

Dr. S. SATHU

Dr. G. N. AND

10. Dr. S. Yadav
11. Dr. S. Chandra
12. Dr. S. Chandra
13. Dr. Sophie Ambre

Sophie
23/6/26

Sophie
18/7/24

Sophie
10/7/25

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)

3

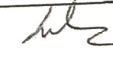
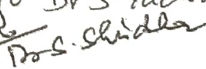
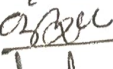
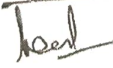
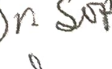
DEPARTMENT OF GEOGRAPHY

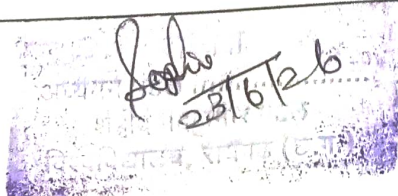
COURSE CURRICULUM

PART- A: Introduction			
Program: Bachelor in Arts (Degree / Honors)		Semester - V	Session: 2024-2025
1	Course Code	GOSC- 05 P	
2	Course Title	Practical 5 -Distribution Maps and three dimensional diagrams	
3	Course Type	Practical	
4	Prc-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	➤ At the end of this course, the students will be ability to recognize the different types of thematic Map and making of such maps to understand the representation of climate data, socio-economic data	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART - B : Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Maps & Diagrams - definition, types, importance Distribution Maps: Choropleth Map , Chorochromatic Map, Isoleth, Dot Map, Construction of three dimensional Diagram Cube Diagram, Spherical diagram Hythergraph, Climograph, Ergograph, Block diagram	30
Keywords	Maps, Three dimensional diagram	

Signature of Convener, Members of CBoS:

Dr. B. L. S.  10. Dr. S. Yadav 
Dr. A. K. Mishra  11. Dr. S. Chandra 
Dr. S. S. S.  12. Dr. S. S. S. 
Dr. C. P. N.  13. Dr. S. S. S. 


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Sophie
10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended -

1. Sharma J. P., 2010: Prayogic Bhugol, Rastogi Publishers, Meerut.
2. Singh R. L. and Singh R. P. B., 1999: Elements of Practical Geography, Kalyani Publishers.
3. Sarkar, A. (2015) Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi
4. Singh, L R & Singh R (1977): Manchitra or Pryaogatamek Bhugol, Central Book, Depot, Allahabad 1.
5. Singh R L and Dutta P K (2012) Prayogatama Bhugol, Central Book Depot, Allahabad
6. Prof. R.N.Mishra & P.K.Sharma (2023) Practical Geography, Pareek Publication Jaipur

Online Resources-(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- https://uou.ac.in/sites/default/files/slm/DGIS-https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 50 Marks

Continuous Internal Assessment (CIA): 15 Marks

End Semester Exam (ESE): 35 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Signature of Convener, Members of CBoS: ⑤

Dr. B. L. Singh

Dr. R. H. Thakur

Dr. S. SATHU - 12/24

Dr. G. P. NAND

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⑨

10. Dr. S. Yadav

Dr. S. Chandra

13. Dr. Sophie Ambre

Sophie 18/7/24

Sophie 10/7/25

Sophie 23/6/26

FOUR YEAR UNDERGRADUATE PROGRAM(2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

5

PART-A: Introduction			
Program: Bachelor in Arts (Honors)		Semester -VI	Session: 2024-2025
1	Course Code	GOSC - 06T	
2	Course Title	HISTORY OF GEOGRAPHICAL THOUGHT	
3	Course Type	DSC	
4	Pre-requisite if, any)	As per Programme	
5	Course Learning Outcomes(CLO)	After the completion of course, the students will have ability to: 1. Understand the basic concept and nature of geography 2. Students of geography may be encouraged to interact with their counterparts from other disciplines and discuss the nature of their subject. 3. The students may be encouraged to collect information on any theme amenable to geographical interpretation 4. To study and understand the founding concepts of human geography in the nineteenth century academy, and over the last century from feminist and Marxist 5. scholarship, through to post-colonial and non-representational theories.	
6	Credit Value	3 Credits	Credit = 15 Hours -learning & Observation
7	Total Marks	Max. Marks: 100	Min Passing Marks:40

PART -B: Content of the Course		
Total No. of Teaching-learning Periods(01 Hr. per period) - 45 Periods (45 Hours)		
Unit	Topics (Course contents)	No. of Period
Definition & nature	Definition, scope and functions of Geography, Geography as a social science and natural science, Geography as science of relationship, as science of areal differentiation, as spatial science. Spatial Organization, Determinism Possiblism & Neo-determinism; Dualism in geography	12
Geographic al knowledge in 15 century	The growth of Geographical knowledge from earliest times up to the 15th century. Contributions of Greek and Roman thinkers, Arab Geographers. Geographical information in Ancient Indian literature, The Dark age in Geography,	11
Geographical schools	Evolution of Geographical Thinking & Disciplinary Trends in: (i) German School (ii) French School (iii) British School (iv) American Schools (v) Russian School (vi) Indian scholar	11
Scientific explanation	Scientific explanations: Inductive/Deductive; Models in Geography, Quantitative revolution, positivism. Behaviorism, System Approach, Radical geography, changing paradigms	11
Keywords	Dark age, german, French school, scientific explanation	

Signature of Convener, Members of CBoS :

Dr. B. L. Saini

Dr. A. K. Thakur

Dr. S. SAHU

Dr. C. N. Nand

10. Dr. S. Yadav

11. Dr. S. Chandra

12. Dr. S. Ambekar

14. Dr. S. Ambekar

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10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Adhikari, S.: Fundamental of Geographical Thought, R.K. Books, New Delhi
2. Husain, M.: Evolution of Geographic Thought, Rawat Pub., Jaipur, 1984
3. Dikshit, R.D.: Geographical Thought: A Contextual History of Ideas, New Delhi.
4. त्रिपाठी एवं कौशिक : भौगोलिक चिंतन एवं विधितंत्र
5. श्रीवास्तव व्ही.के. : भौगोलिक चिंतन का आधार, वसुंधरा प्रकाशन
6. मोर्य, एस.जी. : भौगोलिक चिंतन
7. वर्मा, एल.एन. : भौगोलिक चिंतन एवं विधि तंत्र, म.प्र. हिन्दी ग्रंथ अकादमी

Online Resources–

- <https://www.geogedu.lt/wp-content/uploads/2020/09/An-Introduction-to-Ideas-in-Human-Geography.pdf>
- <https://www.scribd.com/document/511504023/Geographical-Thought-R-D-Dikshit-Sir>
- <https://www.collegesidekick.com/study-docs/1088154>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitn.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	100 Marks
Continuous Internal Assessment (CIA):	30 Marks
End Semester Exam (ESE):	70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2) : 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBoS :

Dr. P. K. Saini
Dr. R. K. Thakur
Dr. S. SATU
Dr. C. P. NARAYAN
10. Dr. S. Yadav
11. Dr. S. Yadav
12. Dr. S. Yadav
13. Dr. Sophie Ambale
14. Dr. S. Yadav
15. Dr. S. Yadav
16. Dr. S. Yadav
17. Dr. S. Yadav
18. Dr. S. Yadav
19. Dr. S. Yadav
20. Dr. S. Yadav
21. Dr. S. Yadav
22. Dr. S. Yadav
23. Dr. S. Yadav
24. Dr. S. Yadav
25. Dr. S. Yadav
26. Dr. S. Yadav
27. Dr. S. Yadav
28. Dr. S. Yadav
29. Dr. S. Yadav
30. Dr. S. Yadav

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Sophie 10/7/25

FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

7

PART- A: Introduction			
Program: Bachelor in Arts (Degree / Honors)		Semester - <u>VI</u>	Session: 2024-2025
1	Course Code	GOSC- 06 P	
2	Course Title	Practical 6 - Study & Interpretation of Topographical Map	
3	Course Type	Practical	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: 1- Identify the physical features of an area. Understand the relationship between physical pattern & cultural landscape. 2- Explain Morphometric analysis of river basin & slope	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of learning-Training/performance Periods: 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	History of topographical Map, Types , Survey of India Topo sheets Identify – relief, drainage Pattern, slope, forest cover Settlement pattern- Rural & Urban , Transport, Communication and its Relation with various landforms ,slope analysis (went worth), morphometric analysis	30
Keywords	Maps, Three dimensional diagram	

Signature of Convener, Members of CBoS :

Dr. B. L. Saini

Dr. R. H. Thakur

Mr. S. SATYU

Dr. CP NAG

10. Dr. S. Thakur

11. Dr. S. Thakur

12. Dr. S. Thakur

13. Dr. S. Thakur

14. Dr. S. Thakur

15. Dr. S. Thakur

16. Dr. S. Thakur

17. Dr. S. Thakur

18. Dr. S. Thakur

19. Dr. S. Thakur

20. Dr. S. Thakur

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Sophia

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PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Das Gupta, A and Kapoor, A.N., (2001) *Principles of Physical Geography*, S.C. Chand & Company Ltd. New Delhi.
2. Dayal, P., (1996) *A Text book of Geomorphology*. Shukla Book Depot, Patna.
3. Kale, V. S. and Gupta A., (2001): *Introduction to Geomorphology*, Orient Longman, Hyderabad.
4. Khullar, D.R., (2012) *Physical Geography*, Kalyani Publishers, New Delhi.
5. गुप्ता एस एल, भूआकृति विज्ञान, तृतीय माध्यम कार्यान्वयन तन्त्रालय तदल्ली विश्वविद्यालय.
6. अलका गौड़, भूआकृति विज्ञान, रस्तोगी पब्लिकेशन
7. तसिंद्र सतिन्द्र, भूआकृति विज्ञान, सिंधुधरा प्रकाशन
8. शर्मा जे पी, भूआकृति विज्ञान, रस्तोगी पब्लिकेशन

Online Resources–

- <https://www.exoticindiaart.com/book/details/geomorphology-nzp793/>
- <https://epustakalay.com/writer/23619-savindra-singh/>
- <https://ncert.nic.in/textbook/pdf/khgy102.pdf>

Online Resources–

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	100 Marks
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End Semester Exam (ESE):	70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment / Seminar - 10 Total Marks - 30	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20 Marks Section B: Descriptive answer type qts., 1 out of 2 from each unit-4x10=40 Marks	

Signature of Convener, Members of CBoS :

Dr. A.K. Mishra / Convener
Dr. S. S. Sahu / Member
Dr. C. P. Mishra / Member

1. Dr. S. S. Sahu
2. Dr. A.K. Mishra
3. Dr. C. P. Mishra
4. Dr. S. S. Sahu
5. Dr. A.K. Mishra
6. Dr. C. P. Mishra
7. Dr. S. S. Sahu
8. Dr. A.K. Mishra
9. Dr. C. P. Mishra
10. Dr. S. S. Sahu
11. Dr. A.K. Mishra
12. Dr. C. P. Mishra
13. Dr. S. S. Sahu
14. Dr. A.K. Mishra
15. Dr. C. P. Mishra
16. Dr. S. S. Sahu
17. Dr. A.K. Mishra
18. Dr. C. P. Mishra
19. Dr. S. S. Sahu
20. Dr. A.K. Mishra
21. Dr. C. P. Mishra
22. Dr. S. S. Sahu
23. Dr. A.K. Mishra
24. Dr. C. P. Mishra
25. Dr. S. S. Sahu
26. Dr. A.K. Mishra
27. Dr. C. P. Mishra
28. Dr. S. S. Sahu
29. Dr. A.K. Mishra
30. Dr. C. P. Mishra

23/6/26
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10/7/25

PART-C: Learning Resources

Text Books, Reference Books and Others

Text Books Recommended –

1. Larry R. Collins-Disaster Management and Preparedness, Rutledge and Taylor & Francis Group
2. JACK RABIN ,Disaster Management Handbook, Taylor & Francis,2008
3. W. Nick Carter, Disaster Management -A Disaster Manager's Hand book , Asian Development Bank
4. Shrivastava, A K. , A Text book of Disaster Management, Scientific Publishers Jodhpur , Rajasthan
5. Singh Savindra(2014) Apda Prabandhan, Pravalika Publication, Prayagraj.
6. Husain Mazid(2018) Paryavaran avam Paristhaitiki, GK Publication, New Delhi.
7. Sinha, A.K(2023) .Disaster Management, (Hindi)Ganga Prakashan Pyagraj
8. Pathak G.K (2021) Apda Prabandhan, (In Hindi)Rajesh Publication New Delhi.
9. Garg H.S.- Disaster Management – (IN Hindi)SBPD Publications, 2018

Online Resources– (e-Resources / e-books and e-learning portals)

- **E books-** Disaster Management and Information Technology
<https://link.springer.com/book/10.1007/978-3-031-20939-0>
- https://www.academia.edu/33090026/DISASTER_MANAGEMENT P Krishna Sankar
- https://asdma.gov.in/pdf/publication/undp/disaster_management_in_india.pdf
- <https://ncert.nic.in/textbook/pdf/khgv107.pdf>

OnlineResources–(e-Resources/e-books and e-learning portals)

- www.ignou.ac.in
- www.egyankosh.ac.in
- www.iitm.ac.in
- www.eskillindia.org
- www.eshiksha.mp.gov.in
- www.vlab.co.in
- www.swayam.ac.in
- www.internshala.com

PART-D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks

Continuous Internal Assessment(CIA):30 Marks

End Semester Exam(ESE):70 Marks

Continuous Internal Assessment (CIA): (By Course Teacher)	Internal Test / Quiz-(2): 20 +20 Assignment/Seminar- 10 Total Marks -30	Better marks out of the two Test / Quiz+ obtained marks in Assignment shall be considered against 30 Marks
End Semester Exam (ESE):	Two section – A & B Section A: Q1. Objective – 10 x1= 10 Mark; Q2. Short answer type- 5x4 =20Marks Section B: Descriptive answer type qts., 1out of 2 from each unit-4x10=40Marks	

Signature of Convener, Members of CBoS

① Dr. S. Yadav
 ② Dr. S. Yadav
 ③ Dr. S. Yadav
 ④ Dr. S. Yadav
 ⑤ Dr. S. Yadav
 ⑥ Dr. S. Yadav
 ⑦ Dr. S. Yadav
 ⑧ Dr. S. Yadav
 ⑨ Dr. S. Yadav
 ⑩ Dr. S. Yadav
 10/7/23
 23/6/26

FOUR YEAR UNDERGRADUATE PROGRAM(2024 - 28)

11

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM

PART-A: Introduction			
Program: Bachelor in Arts (Degree / Honors)		Semester -VI	Session: 2024-2025
1	Course Code	GOSE – 04 P	
2	Course Title	Practical 4 - AERIAL PHOTOGRAPH	
3	Course Type	PRACTICAL	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes(CLO)	After the completion of the course the students should be able to - 1. Appreciate the strength and application of aerial photograph 2. Map the resources, their location and availability 3. Apply this knowledge for sustainable development	
6	Credit Value	1 Credits	Credit =30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks:20

PART-B: Content of the Course

Total No. of learning-Training/performancePeriods:30 Periods (30 Hours)

Module	Topics (Course contents)	No. of Period
Lab./Field Training/ Experiment Contents of Course	Aerial photograph: Definition, Development and Process; Sensors, Scanner, Platform and their types. Aerial Photography: Principles, Geometry of Aerial Photograph; EMR Interaction with Atmosphere and Earth Surface. Spectral Reflectance Curve Satellites and their types and Resolution Visual Image Interpretation: Digital Image Processing and Classification, Data Analysis, Geo-Referencing; Editing and Output Map Generation.	30
Keywords	Aerial Photograph: Principles, Geometry, Platform, Visual Image Interpretation.	

Signature of Convener, Members of CB&S:

① Dr. B. L. Sen
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 ③ [Signature]
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 10. Dr. S. Yadav
 11. [Signature]
 12. [Signature]
 13. Dr. Sophie Ambrose - Sophie
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PART-C: Learning Resources**Text Books, Reference Books and Others****Text Books Recommended –**

- 1- Anji Reddy, M. (2008): Textbook of Remote Sensing and Geographic Information System, B.S. Publication, Hyderabad
- 2- Chauniyal, D.D., (2010): Sudur Samvedan evam Bhogolik Suchana Pranali (Hindi), Sharda Pustak Bhawan, Allahabad.
- 3- ओझा महेश कु मार , फोटोग्रामममति और सुदरू संवेदन मास्टर माईनड प्रटें वं वर्ल्डड इंदौर
- 4- खत्री हरीश कु मार, सुदरू संवेदन िकनीक ,कै लाश प्सु िक सदन भोपाल

Online Resources–(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- <https://uou.ac.in/sites/default/files/slm/DGIS->
- https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Shanna_SAMPLE_COPY

PART -D: Assessment and Evaluation**Suggested Continuous Evaluation Methods:**

Maximum Marks: 50 Marks

Continuous Internal Assessment(CIA): 15 Marks

End Semester Exam(ESE): 35 Marks

Continuous Internal Assessment(CIA): (By Course Teacher)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz +obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on lab. work - 20 Marks B. Spotting based on tools & technology (written) – 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Course teacher as per lab. status

Signature of Convener, Members of CBOS :

① Dr. B. L. Sinha
② Dr. Anurag
③ Dr. Anurag
④ Dr. Anurag
⑤ Dr. Anurag
⑥ Dr. Anurag
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Signature of Convener: 18/7/24
Signature of Members: 10/7/25
Signature of Members: 23/6/26

FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

13

PART- A: Introduction			
Program: Bachelor in ARTS (Degree / Honors)		Semester - V	Session: 2024-2025
1	Course Code	GOSEC – 01	
2	Course Title	PRINCIPLE OF MAP MAKING	
3	Course Type	SKILL ENHANCEMENT COURSE	
4	Pre-requisite (if, any)	As per Programme	
5	Course Learning Outcomes (CLO)	After the completion of course, the students will have ability to: ➤ Understand to have sound knowledge regarding the classification and elements of maps. ➤ Have proper utilization of maps for the development. ➤ Appreciate the preparation of various thematic maps with the application of various techniques.	
6	Credit Value	2 Credits (1C + 1C)	Credit = 15 Hours – Theoretical learning and = 30 Hours Laboratory or Field learning/Training
7	Total Marks	Max. Marks: 50	Min Passing Marks: 20

PART -B: Content of the Course		
Total No. of Teaching-learning Periods: Theory – 15 Periods (15 Hrs) and Lab. or Field learning/Training 30 Periods (30 Hours)		
Module	Topics (Course contents)	No. of Period
Theory Contents	Maps – Classification and Types; Principles of Map Design, Diagrammatic Data Presentation – Line, Bar and Circle. Point, Line and Areal data and Maps	15
Lab./Field Training Contents	Thematic Mapping Techniques – Properties, Uses and Limitations; Areal Data -- Choropleth, Dot, Proportional Circles; Point Data – Isopleths- Map making with themes	30
Keywords	Scale, Choropleth, Isopleth and Dot maps	

Signature of Convener, Members of CBoS:

(1) Dr. B. V. S. ...
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PART-C: Learning Resources

Text Books, Reference Books and Others

1. Singh L.R. - Elements of practical geography, central Book Depot, Allahabad.
2. Monkhouse, F.J. & H.R. Willinson : Maps and Diagrams Methuen, London.
3. Sarkar, A., (2015): *Practical geography: A systematic approach*. Orient Black Swan Private Ltd., New Delhi
4. Sharma, J. P., (2010): *Prayogic Bhugol (Hindi)*, Rastogi Publishers, Meerut. 9. Singh, R. L. and
5. Singh, Rana, P. B., (1999): *Elements of Practical Geography*, Kalyani Publishers.

Online Resources-(e-Resources/e-books and e-learning portals)

- <https://books.google.co.in/books>
- <https://uou.ac.in/sites/default/files/slm/DGIS>
- https://books.google.co.in/books?id=mZKhRkZ7qawC&printsec=copyright&redir_esc=y#v=onepage&q&f=false
- https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra
Dr PK Sharma SAMPLE COPY

PART -D: Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks:	50 Marks
Continuous Internal Assessment (CIA):	15 Marks
End Semester Exam (ESE):	35 Marks

Continuous Internal Assessment (CIA): (By Course Coordinator)	Internal Test / Quiz-(2): 10 & 10 Assignment/Seminar +Attendance - 05 Total Marks - 15	Better marks out of the two Test / Quiz + obtained marks in Assignment shall be considered against 15 Marks
End Semester Exam (ESE):	Laboratory / Field Skill Performance: On spot Assessment A. Performed the Task based on learned skill - 20 Marks B. Spotting based on tools (written) - 10 Marks C. Viva-voce (based on principle/technology) - 05 Marks	Managed by Coordinator as per skilling

Signature of Convener, Members of CBoS:

1. Dr. B. L. Singh
 2. Dr. B. L. Singh
 3. Dr. B. L. Singh
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