

**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
<b>GE -- 01 &amp; 02</b>			
GOG-01T	Fundamental of Physical Geography	VAC	
GOG-01P	Cartography-Tools and Techniques	GOVAC-01	Geographical Knowledge in Ancient India
GOG-02T	Fundamental of Human Geography	SEC	
GOG-02P	Scale and Representation of Relief	GOSEC- 01	Principle of Map Making


**Signature of Convener Members of CBoS :**

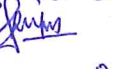
1. Dr. B.L. Sen 

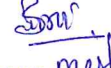
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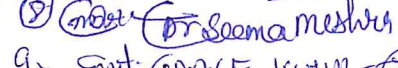
3. 


4. 


5. Dr. D.D. Kashyap 

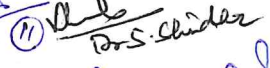
6. Dr. (Mrs.) J.P. Kujur 


7. A. Beek 


8. 

9. Smt. GRACE Kujur 

10. Dr. S. Yadav 

11. 

Dr. Sophie Ambekar 

Prof. (Mrs.) UMA GROL 

10/06/25



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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
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GOSC-04P	Representation of Statistical Data	GOSE-04P	Aerial Photograph
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**Signature of Convener Members of CBoS :**

1. Dr. B. L. Saw *[Signature]*

2. Dr. H. K. Mishra *[Signature]*

3. M. S. SAHU - *[Signature]*

4. Dr. C. P. NATH *[Signature]*

5. Dr. D. D. Kashyap *[Signature]*

6. Dr. (K.) J. P. Kujur *[Signature]*

7. A. Beck *[Signature]*

8. *[Signature]* Dr. Seema Mishra

9. *[Signature]* (Smt. GRACE KUMAR)

10. Dr. S. Yadav *[Signature]*

11. *[Signature]* Dr. S. Chandra

12. *[Signature]*

13. Dr. Sushil Ambekar *[Signature]*

14. Prof. (M. S. Y.) Jyoti Gole *[Signature]*

10/06/24

**FOUR YEAR UNDERGRADUATE PROGRAM (2024 - 28)**

**DEPARTMENT OF GEOGRAPHY**

**COURSE CURRICULUM**

<b>PART-A: Introduction</b>			
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

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

**Signature of Convener, Members of CBoS :**

① *[Signature]* Dr. B. K. Sui      ⑤ Dr. D. D. Kashtyad      ⑩ *[Signature]* 10-6-2024  
 ② Dr. A. K. Thoke      ⑥ Dr. (AM) J. P. Kujur      ⑪ *[Signature]* Dr. Sushma Yadav  
 ③ M. S. SAHU      ⑦ A. BECK      ⑫ *[Signature]* Dr. S. Swain  
 ④ Dr. C. P. NANA      ⑧ *[Signature]* Dr. Seema Mishra      ⑬ Dr. Sophia Ambale *[Signature]*  
 ⑨ *[Signature]* Smt. GRACE KUTOR

*[Signature]*



## 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.umn.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](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](http://www.ignou.ac.in)
- [www.egyankosh.ac.in](http://www.egyankosh.ac.in)
- [www.iitm.ac.in](http://www.iitm.ac.in)
- [www.eskillindia.org](http://www.eskillindia.org)
- [www.eshiksha.mp.gov.in](http://www.eshiksha.mp.gov.in)
- [www.vlab.co.in](http://www.vlab.co.in)
- [www.swayam.ac.in](http://www.swayam.ac.in)
- [www.internshala.com](http://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. A. L. S. [Signature]  
 ② Dr. A. H. Thakur [Signature]  
 ③ Mrs. S. SATHI [Signature]  
 ④ Dr. C. P. NAND [Signature]

⑤ Dr. D. D. Kashyap [Signature]  
 ⑥ Dr. K. J. P. Kujur [Signature]  
 ⑦ A. BECK [Signature]  
 ⑧ Dr. S. K. [Signature]  
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**FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)**  
**DEPARTMENT OF GEOGRAPHY**  
**COURSE CURRICULUM**

<b>PART- A: Introduction</b>			
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)	At the end of this practical course the student will have an ability to 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

<b>PART -B: Content of the Course</b>		
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. B. L. Saw  
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 ⑧ [Signature]  
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10/06/24  
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## 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://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](https://www.researchgate.net/publication/372371977_PRACTICAL_GEOGRAPHY_Prof_RN_Mishra_Dr_PK_Sharma_SAMPLE_COPY)


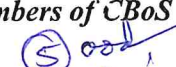

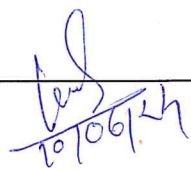
## PART -D: Assessment and Evaluation




### Suggested Continuous Evaluation Methods:


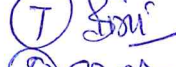

Maximum Marks:	50 Marks
Continuous Internal Assessment (CIA):	15 Marks
End Semester Exam (ESE):	35 Marks

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

### Signature of Convener, Members of CBoS:

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