

FOUR YEAR UNDERGRADUATE PROGRAM (NEP- 2020)








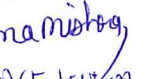
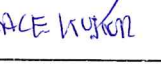




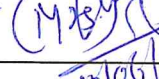
PROGRAM: BACHELOR IN ARTS (2024- 28)

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. Saw 
 2. Dr. H. K. Mishra 
 3. M. S. SAHU - 
 4. Dr. C. P. NATH 
 5. Dr. D. D. Kashyap 
 6. Dr. (K. J.) J. P. Kujur 
 7. A. Beck 
 8. Dr. Seema Mishra 
 9. Dr. (Smt) GRACE KUMAR 
 10. Dr. S. Yadav 
 11. Dr. S. Shukla 
 12. Dr. Sushila Ambekar 
 13. Dr. Sushila Ambekar 
 14. Prof. (M. S.) Uma Gole 
 10/06/24

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

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

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









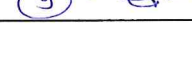
① Dr. B. L. S. *[Signature]* ⑤ Dr. D. D. Kashyap *[Signature]* 10. Dr. S. Yadav *[Signature]*
 ② Dr. A. H. Thakur *[Signature]* ⑥ Dr. K. J. P. Kujur *[Signature]* 11. Dr. S. Chandra *[Signature]*
 ③ Mrs. S. Sahu *[Signature]* ⑦ A. BECK *[Signature]* 12. Dr. S. Ambekar *[Signature]*
 ④ Dr. C. P. Nand *[Signature]* ⑧ Dr. S. M. K. *[Signature]* 13. Dr. S. Ambekar *[Signature]*
 ⑨ Dr. Grace Kujur *[Signature]*

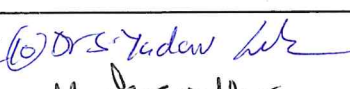
FOUR YEAR UNDERGRADUATE PROGRAM (2024 – 28)
DEPARTMENT OF GEOGRAPHY
COURSE CURRICULUM

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. B. L. Saw 
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 10/06/24

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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