



Tripura University

(A Central University)

Suryamaninagar

West Tripura

Syllabus for

**Four Years Under Graduate Programme
Under Science Discipline**

Subject: Geography (Major Course)

(NEP-2020)

Year - 2023



Tripura University
(A Central University)

Course Structure of Geography (UG Programme)
As per NEP-2020 under Tripura University

Year	Semester	Major Discipline Specific Course (Core)	Theory	Practical
1 st (Certificate Course)	I	Course-1 GE-101C	Fundamentals of Geography and major Contributions	---
		Course-2 GE-102C	Origin of the Earth	Scale, Introduction to Maps, Principle of toposheet numbering
	II	Course-3 GE-103C	Geography of Asia and India	---
		Course-4 GE-104C	Geomorphology	Cartograms (Using MS Excel), Topographical map interpretation(Plain region)
2 nd (Diploma Course)	III	Course-5 GE-201C	Population and Settlement Geography	---
		Course-6 GE-202C	Climatology	Climatological instrument reading, Weather map
	IV	Course-7 GE-203C	Geography of North East India and Tripura	---
		Course-8 GE-204C	Soil Geography	Soil testing kit, Topographical map interpretation (Plateau region)
3 rd (Degree Course)	V	Course-9 GE-301C	Economic Geography	---
		Course-10 GE-302C	Oceanography	Projection
		Course-11 GE-303C	Environmental Geography	---
		Course-12 GE-304C	Agricultural Geography	Agriculture based Practical, Instrument Survey
	VI	Course-13 GE-305C	Social and Cultural Geography	---
		Course-14 GE-306C	Tectonic Geography	Identification of Rocks and minerals, Geological Map
		Course-15 GE-307C	Statistics	---

		Course-16 GE-308C	Political Geography	Field Survey
4th (Degree with Honours and Research)	VII	Course-17 GE-401C	Research Methodology	---
		Course-18 GE-402C	Natural Resource Management	---
		Course-19 GE-403C	Geography of Tourism	---
		Course-20 GE-404C	Remote Sensing	Remote Sensing Practical
	VIII	Course-21 GE-405C	Advanced Geomorphology	---
		Course-22 GE-406C	Hazards and Disaster Management	---
		Course-23 GE-407C	Urban Geography	---
		Course-24 GE-408C	GIS	GIS Practical



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Semester-wise Marks Distribution for Geography (UG Programme) As Per NEP-2020 under Tripura University

Year	Semester	Theory			Practical		
		Internal Assessment	End Sem. Exam.	Total	Internal Assessment	End Sem. Exam	Total
1st (Certificate)	I	40	60	100	---	---	---
		24	36	60	16	24	40
	II	40	60	100	---	---	---
		24	36	60	16	24	40
2nd (Diploma)	III	40	60	100	---	---	--
		24	36	60	16	24	40
	IV	40	60	100	---	---	---
		24	36	60	16	24	40
3rd (Degree)	V	40	60	100	---	---	--
		24	36	60	16	24	40
		40	60	100	---	---	--
		24	36	60	16	24	40
	VI	40	60	100	---	---	----
		24	36	60	16	24	40
		40	60	100	----	---	---
		24	36	60	16	24	40
4th (Degree with Honours)	VII	40	60	100			
		40	60	100	---	---	---
		40	60	100			
		24	36	60	16	24	40
	VIII	40	60	100			
		40	60	100	---	---	---
		40	60	100			
		24	36	60	16	24	40
		Total Theory = 2000			Total Practical = 400		
		Grand Total (Theory + Practical) = 2000 + 400= 2400					



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Semester-wise Credit Distribution for Geography (UG Programme) As per NEP-2020

Year	Semester	Paper	Theory/Practical	Marks	Credits	Total Credits/Sem.
1	I	GE-101C	Theory	100	4	8
		GE-102C	Theory	60	2	
			Practical	40	2	
	II	GE-103C	Theory	100	4	8
		GE-104C	Theory	60	2	
			Practical	40	2	
2	III	GE-201C	Theory	100	4	8
		GE-202C	Theory	60	2	
			Practical	40	2	
	IV	GE-203C	Theory	100	4	8
		GE-204C	Theory	60	2	
			Practical	40	2	
3	V	GE-301C	Theory	100	4	16
		GE-302C	Theory	60	2	
			Practical	40	2	
		GE-303C	Theory	100	4	
		GE-304C	Theory	60	2	
	Practical		40	2		
	VI	GE-305C	Theory	100	4	16
		GE-306C	Theory	60	2	
			Practical	40	2	
		GE-307C	Theory	100	4	
GE-308C		Theory	60	2		
	Practical	40	2			
4	VII	GE-401C	Theory	100	4	16
		GE-402C	Theory	100	4	
		GE-403C	Theory	100	4	
		GE-404C	Theory	60	2	
			Practical	40	2	
	VIII	GE-405C	Theory	100	4	16
		GE-406C	Theory	100	4	
		GE-407C	Theory	100	4	
		GE-408C	Theory	60	2	
			Practical	40	2	
TOTAL				2400	96	

**1st Year (Certificate Course)
Semester-I**

**Fundamentals of Geography and major Contributions
(Theoretical)**

Paper-GE-101C

Full marks-100 (Credit – 4)

(Internal assessment-40; End Sem. Exam.-60)

Unit-1: Introduction to Geography

Definition, Concept and evolution of the term, Nature and scope of Geography; Divisions and Branches of Geography; Inter-relation of Geography with other Physical and Social Sciences; Introduction to Physical Geography (Nature & Scope); Introduction to Human Geography (Nature & Scope); Major Geographic traditions (Earth Science, Man-Environment relationship, Area studies and Spatial analysis).

Unit-2: Contributors to Geography

Classical Contribution to Geography (Greeks and Romans); Indian and Chinese contribution to Geography; Medieval contribution to Geography by Arabs; Age of discovery, Voyages and Renaissance in Europe; Modern contribution to Geography: European and American.

Unit-3: Approaches, Dichotomy and Dualism in Geography

Approaches to the study of Geography-Regional and Systematic; Man-environment relationship: Determinism and Possibilism; Dichotomy and Dualism: Physical Vs Human, Qualitative Vs Quantitative, System Approach Vs System Analysis.

Unit-4: Paradigm shift and Trends in Geography

Perspectives in Geography (Positivism, Humanism); Quantitative revolution, Applied Geography and Geoinformatics; Recent trends in Physical and Human Geography; Contemporary trends in Indian and International Geography.

1st Year (Certificate Course)
Semester-I

References:

1. Adhikari, S. (2006): Fundamentals of Geographical Thought, Chaitanya Publishing House, Allahabad.
2. Adhikari, S. (2015): Fundamentals of Geographical Thought, Orient Blackswan Private Limited, New Delhi.
3. Dikshit, R. D. (2018): Geographical Thought: A Contextual History of Ideas, Prentice Hall, New Delhi.
4. Hartshorne, R. (2000): The Nature of Geography, Rawat Publication, New Delhi.
5. Hussain, M. (2014): Evolution of Geographical Thought, Rawat Publication, New Delhi.
6. Harm J.de Blij (2001): Geography: Realms, Regions, and concepts, John Wiley & Sons.
7. Mandal, R.B & Sinha, VNP (2016): Recent Trends & Concepts in Geography, Concept Publishing Company Pvt. Ltd., Delhi, India.

**1st Year (Certificate Course)
Semester-I**

**Origin of the Earth
(Theoretical)**

Paper-GE-102C

Full marks-60 (Credit – 2)

(Internal assessment-24; End Sem. Exam.-36)

Unit-1: Concept, Hypotheses and Theories related to origin of the earth

Basic concept of solar system and its structure; Monolistic concept: Gaseous Hypothesis of Kant, The Nebular Hypothesis of Laplace; Dualistic Concept: Hoyle's Supernova Hypothesis; Schimdt's Interstellar hypothesis, Big Bang theory; Relevance of rotation, revolution and inclination of the earth.

Unit-2: Age of Earth, Origin and Evolution of Continents and Ocean Basins

Age of the earth on the basis of radioactive elements; Geological History of the Earth; Interior structure of the Earth; Origin of Continents and Ocean Basins: Tetrahedral hypothesis; Continental Drift Theory of Alfred Wegener.

References:

1. Gupte, D. (2022): The Evolution of Earth, Notion Press, Chennai.
2. Monkhouse, F.J (1971): Principles of Physical Geography, University of London Ltd.
3. Singh, S. (1997): Physical Geography, Prayag Pustak Bhawan, Allahabad
4. Strahler A. N. and Stahler A.M. (1992): Modern Physical Geography, John Wiley and Sons, New York.

1st Year (Certificate Course)
Semester-I
(Practical)

Paper- GE-102C

Full marks-40 (Credit – 2)

(Internal assessment-16; End Sem. Exam. -24)

Sl. No.	Practical	Marks
1.	Scale	15
2.	Introduction to Maps	05
3.	Topographical Map introduction, Principle of Toposheet numbering	10
5.	Laboratory Notebook and Viva – voce	05+05
TOTAL		40

PRACTICAL: GE-102C

1. Scale: Meaning and Definition and its Uses, R.F. of Scale
Graphical representation of Linear, Comparative, Vernier, Diagonal Scale.
2. Introduction to maps: Definition, elements, types and classification, Principle of map design, uses and significance (from small to large scale), Map and Globe-similarities and differences
3. Introduction to Topographical map, Principle of Topographical Sheet numbering
4. Laboratory Notebook and Viva – voce

References:

1. Mitra, K., Ghosh K. and Das M. (2006): B.A. General Practical Geography, Kalyani Publishers, Kolkata.
2. Monkhouse, F.J. (1971): Maps and Diagrams, Methuen, London.
3. Sarkar, A. (2015) Practical Geography: A systematic approach, Orient Black Swan Private Ltd., New Delhi.
4. Saha, P. & Basu, P. (2015): Advanced Practical Geography – A Laboratory Manual, Books and Allied (P) Ltd., Kolkata.
5. Singh, R. L., Singh, Rana P. B. (2003): Elements of Practical Geography, Kalyani Publishers, New Delhi.
6. Singh, R. and Singh, K.: Map Work and Practical Geography, Central Book Depot, Allahabad.
7. Saikia, R. and Thakuria, G. (2015): Practical Geography, EBH Publishers (India), Guwahati.

1st Year (Certificate Course)
Semester-II
Geography of Asia and India (Theoretical)

Paper-GE-103C

Full marks-100 (Credit – 4)
(Internal assessment-40; End Sem. Exam.-60)

Unit-1: India- Location & Physical

Regional Setting and Regional Divisions; Physical Divisions and Drainage; Climate and Natural vegetation; Soil types and Agricultural Regions.

Unit-2: India- Population and Resources

Population composition (Races, Ethnic and Tribes); Population density, distribution & growth; Resources, Minerals and Industry; Transport, Communication and Trade; Economy, Urbanization, Population Problem.

Unit-3: Asia-Regional Setting and Physical

Asia in the context of the World (location & regional setting); Physical and Regional Divisions; Major River systems; Climate; Soil and Natural Vegetation.

Unit-4: Asia-Agriculture, Population and Resource

Agriculture (conditions of growth, production and distribution of Rice, Wheat, Jute and Tea); Distribution and Density of Population; Urbanization; Industrial regions, Mineral and Resources (Iron ore, Coal, Petroleum in Middle-east); Regional cooperation and issues of countries of South Asia and South-east Asia.

References:

1. Choudhury, N.: Geography of Asia, No.601 (Theory), Distance Education.
(Weblink:[https://www.distanceeducationju.in/pdf/Geo%20601%20\(1\)-compressed%20\(1\).pdf](https://www.distanceeducationju.in/pdf/Geo%20601%20(1)-compressed%20(1).pdf))
2. Husain, M. (2017): Geography of India, McGraw Hill Education, New Delhi.
3. IGNOU, BPSE-144 (2019): Introduction to South Asia, Chakradhar Publication.
4. Khullar, D. R. (2018): India: A Comprehensive Geography, Kalyani Publishers, New Delhi.
5. Nag, P. and Gupta, S.S. (1992): Geography of India. Concept Publishing. Company, New Delhi.
6. Sharma, T.C. (2003): India: Economic and Commercial Geography, Vikas Publication, New Delhi.
7. Singh, J. (2003): India: A Comprehensive and Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
8. Tiwari, R.C. (2007): Geography of India, Prayag Pustak Bhawan, Allahabad
9. Tirtha, R. (2001): Geography of Asia, Rawat Publications, Jaipur.

**1st Year (Certificate Course)
Semester-II**

**Geomorphology
(Theoretical)**

Paper-GE-104C

Full marks-60 (Credit – 2)

(Internal assessment-24; End Sem. Exam. -36)

Unit-1: Fundamentals of Geomorphology

Nature and scope; Fundamental concepts of William. D. Thornbury; Types of Rocks and associated landforms; Development of drainage system on uniclinal and folded structure; Mountain building theory (Kober and Holmes); Recent trends in Geomorphology.

Unit-2: Processes and Forms in Geomorphology

Geomorphic agents, their processes and resultant landforms: running water, glacier, wind, groundwater and sea waves; Weathering and Mass wasting (meaning and concept, classification, controlling factors, Geomorphic importance); Drainage systems, Drainage Patterns (definition, classification); Slopes: Importance of slope, elements of slope and theories of slope evolution (Davis and Penck); Cycle of erosion: Contribution of Davis; Interruption in cycle of erosion.

References:

1. Ahamed, E. (2001) Geomorphology, Kalyani Publishers, Kolkata.
2. Ahamed, E. (1989): Physical Geography, Kalyani Publishers, New Delhi.
3. Bloom, A. L. (1998): Geomorphology, Prentice-Hall India, New Delhi.
4. Chorley, R. J., Schumm, S. A. and Sugden D.E. (1984): Geomorphology, Methuen and Company Ltd., London.
5. Dayal, P. (2011): A text Book of Geomorphology, Rajesh Publication, New Delhi
6. Kale, V.S. & Gupta, A. (2001): Introduction to Geomorphology, Orient Longman.
7. Kale, V. & Gupta, A. (2004): Elements of Geomorphology, Oxford University Press, Kolkata.
8. Monkhouse, F.J. (1971): Principles of Physical Geography, University of London Press Ltd.
9. Morgan, R.S and Wooldridge, S.W. (1988): An Outline of Geomorphology, Orient Longman.
10. Singh, S. (1997): Physical Geography, Prayag Pustak Bhawan, Allahabad.
11. Singh, S. (2009): Geomorphology, Prayag Pustak Bhawan, Allahabad.
12. Strahler, A. (2016): Introducing Physical Geography, Wiley, New York.
13. Sparks, B.W. (1969): Geomorphology. Longman, London.
14. Stoddard, D. R. (1996): Process and Form in Geomorphology, Routledge, London.
15. Thornbury, W.D. (1984): Principles of Geomorphology, 2nd Edition Wiley Eastern Ltd., New Delhi.
16. Worcester, P.C. (1969): Text Book of Geomorphology, East West Press, New Delhi.

1st Year (Certificate Course)
Semester-II
(Practical)

Paper-GE-104C

Full marks-40 (Credit – 2)
(Internal assessment-16; End Sem. Exam. -24)

Sl. No.	Practical	Marks
1.	Cartograms (Using MS Excel)	15
2.	Topographical map interpretation (Plain Region)	15
3.	Laboratory Notebook and Viva – voce	05+05
TOTAL		40

PRACTICAL: GE-104C

1. Cartograms (using MS Excel)
2. Topographical map interpretation (Plain Region)
3. Laboratory Notebook and Viva – voce

References:

1. Saha, P. & Basu, P. (2015): Advanced Practical Geography – A Laboratory Manual, Books and Allied (P) Ltd., Kolkata.
2. Singh, R. L. & Singh, Rana P. B. (2003): Elements of Practical Geography, Kalyani Publishers, New Delhi.
3. Sarkar, A. (2015) Practical Geography: A Systematic approach, Orient Black Swan Private Ltd., New Delhi.
4. Singh, R. & Singh, K.: Map Work and Practical Geography, Central Book Depot, Allahabad.



Tripura University

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Suryamaninagar

West Tripura

Syllabus for Four Years Under Graduate Programme Under Science Discipline

Subject: Geography (Minor Course)

(NEP-2020)

Year - 2023



Tripura University
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Minor/ Elective Course Structure of Geography (UG Programme)
As per NEP-2020 under Tripura University

year	semester	Minor/ Elective Course	Theory	Practical
1 st (Certificate Course)	I	Course-1 GE-101M	Contributions in Geography	Scale, Introduction to Maps, Principle of toposheet numbering
	II	Course-2 GE-102M	Geography of India, North-east India and Tripura	Cartograms (using MS Excel), Topographical map interpretation (Plain region)
2 nd (Diploma Course)	III	Course-3 GE-103M	Physical Geography	Identification of rocks and minerals, Climatological instruments reading, Weather map
	IV	Course-4 GE-104M	Human Geography	Topographical map interpretation (Plateau region)
3 rd (Degree Course)	V	Course-5 GE-201M	Environmental Geography	Instrument Survey
	VI	Course-6 GE-202M	Economic Geography	Projection
4 th (Degree with Honours and Research)	VII	Course-7 GE-301M	Hydrology	Hydrology related Practical
	VIII	Course-8 GE-302M	Industrial Geography	Quantitative Techniques



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Semester-wise Marks Distribution for Geography (UG Programme) As Per NEP-2020 under Tripura University

Year	Semester	Theory			Practical		
		Internal Assessment	End Sem. Exam.	Total	Internal Assessment	End Sem. Exam	Total
1 st (Certificate)	I	24	36	60	16	24	40
	II	24	36	60	16	24	40
2 nd (Diploma)	III	24	36	60	16	24	40
	IV	24	36	60	16	24	40
3 rd (Degree)	V	24	36	60	16	24	40
	VI	24	36	60	16	24	40
4 th (Degree with Honours)	VII	24	36	60	16	24	40
	VIII	24	36	60	16	24	40
		Total Theory = 480			Total Practical = 320		
		Grand Total (Theory + Practical) = 480 + 320= 800					



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Semester-wise Credit Distribution for Geography (UG Programme) As per NEP-2020

Year	Semester	Course	Theory/Practical	Marks	Credits	Total Credits/Sem.
1	I	GE-101M	Theory	60	3	4
			Practical	40	1	
	II	GE-102M	Theory	60	3	4
			Practical	40	1	
2	III	GE-103M	Theory	60	3	4
			Practical	40	1	
	IV	GE-104M	Theory	60	3	4
			Practical	40	1	
3	V	GE-201M	Theory	60	3	4
			Practical	40	1	
	VI	GE-202M	Theory	60	3	4
			Practical	40	1	
4	VII	GE-301M	Theory	60	3	4
			Practical	40	1	
	VIII	GE-302M	Theory	60	3	4
			Practical	40	1	
TOTAL				800	32	

1st Year (Certificate Course)
Semester-I
Contributions in Geography(Theoretical)

Paper- GE-101M

Full marks-60 (Credit – 3)
(Internal assessment-24; End Sem. Exam.-36)

Unit-1: Introduction to Geography

Definition, Concepts and Evolution of the term Geography; Divisions and Branches of Geography; Nature and Scope of Geography; Inter-relations of Geography with other Physical and Social Sciences; Major Geographic traditions (Earth Science, Man-Environment relationship, Area studies and Spatial analysis).

Unit-2: Contributors to Geography

Classical Contribution to Geography (Greeks and Romans); Indian and Chinese Contribution to Geography; Medieval Contribution to Geography by Arabs; Age of discovery, Voyages and Renaissance in Europe; Modern contribution to Geography: European and American.

Unit-3: Approaches, Dichotomy and Dualism in Geography

Approaches to the study of Geography-Regional and Systematic; Man-environment relationship: Determinism and Possibilism; Dichotomy and Dualism: Physical Vs Human, Qualitative Vs Quantitative, System Approach Vs System Analysis); Recent trends in Geography; Contemporary Indian Geography.

References:

1. Adhikari, S. (2006): Fundamentals of Geographical Thought, Chaitanya Publishing House, Allahabad.
2. Adhikari, S. (2015): Fundamentals of Geographical Thought, Orient Blackswan Private Limited, New Delhi.
3. Dikshit, R. D. (2018): Geographical Thought: A Contextual History of Ideas, Prentice Hall, New Delhi.
4. Hartshorne, R. (2000): The Nature of Geography, Rawat Publication, New Delhi.
5. Hussain, M. (2014): Evolution of Geographical Thought, Rawat Publication, New Delhi.
6. Harm J.de Blij (2001): Geography: Realms, Regions, and concepts, John Wiley & Sons.
7. Mandal, R.B & Sinha, VNP (2016): Recent Trends & Concepts in Geography, Concept Publishing Company Pvt. Ltd., Delhi, India.

1st Year (Certificate Course)
Semester-I
(Practical)

Paper- GE-101M (Practical)

Full marks-30 (Credit – 1)
(Internal assessment-16; End Sem. Exam. -24)

Sl. No.	Practical	Marks
1.	Scale	08
2.	Introduction to Maps, Topographical Map introduction	08
4.	Laboratory Notebook and Viva – voce	5+3
TOTAL		24

PRACTICAL: GE-101M

1. Scale: Meaning, Definition and its Uses; Calculation of R.F.
Graphical representation of Linear, Vernier and Diagonal Scale.
2. Introduction to maps: Definition, elements, types, Principle of map design, uses and significance (from small to large scale), Map and Globe-similarities and differences

Principle of Topographical Sheet numbering
3. Laboratory Notebook and Viva – voce

References:

1. Mitra, K., Ghosh K. and Das M. (2006): B.A. General Practical Geography, Kalyani Publishers, Kolkata.
2. Monkhouse, F.J. (1971): Maps and Diagrams, Methuen, London.
3. Sarkar, A. (2015) Practical Geography: A systematic approach, Orient Black Swan Private Ltd., New Delhi.
4. Saha, P. & Basu, P. (2015): Advanced Practical Geography – A Laboratory Manual, Books and Allied (P) Ltd., Kolkata.
5. Singh, R. L. & Singh, Rana P. B. (2003): Elements of Practical Geography, Kalyani Publishers, New Delhi.
6. Singh, R. & Singh, K.: Map Work and Practical Geography, Central Book Depot, Allahabad.
7. Saikia, R. & Thakuria, G. (2015): Practical Geography, EBH Publishers (India), Guwahati.

1st Year (Certificate Course)
Semester-II
Geography of India, North-East India and Tripura(Theoretical)

Paper-GE-102M

Full marks-60 (Credit – 3)

Unit-1: India- Location & Physical

(Internal assessment-24; End Sem. Exam.-36)

Regional Setting and Regional Divisions; Physical Divisions and Drainage; Climate and Natural vegetation; Soil types and Agricultural Regions; Population composition (Races, Ethnic and Tribes); Population density, distribution & growth; Resources, Minerals and Industries.

Unit-2: North-East India

Physical Divisions and Drainage; Climate and Natural vegetation; Soil types and types of Agriculture practices; Population composition (Races, Ethnic and Tribes); Population density, distribution & growth; Resources, Power and Minerals; Transport, Tourism & Industries.

Unit-3: Tripura

Geology and Physical Divisions; Physiography and Drainage; Climate and Natural vegetation; Soil types and types of Agriculture practices; Population composition (Tribes and Communities); Resources, Minerals and Industries; Historical sites and Tourism.

References:

1. Bhowmik, I & Chakraborti, D. (ed.) (2011): Resources and Economy of Tripura, Eastern Book House Publishers (India), Guwahati.
2. Bhattacharya, N.N. (2005): North East India: A Systematic Geography, Rajesh Publications, New Delhi.
3. Husain, M. (2017): Geography of India, McGraw Hill Education, New Delhi.
4. Khullar, D. R. (2018): India: A Comprehensive Geography, Kalyani Publishers, New Delhi.
5. Majumder, T. & Dev Verma, J. (2018): Geography of Tripura. Naya Pustakmahal, Agartala, India
6. Nag, P. & Gupta, S.S. (1992): Geography of India, Concept Publishing Company, New Delhi.
7. Singh, J. (2003): India: A Comprehensive and Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
8. Tirtha, R. (2002): Geography of India, Rawat Publications, Jaipur.
9. Tiwari, R.C. (2007): Geography of India, Prayag Pustak Bhawan, Allahabad.
10. Taher, M. and Ahmed, P. (2014): Geography of North East India, Mani Manik Prakash, Guwahati.

1st Year (Certificate Course)
Semester-II
(Practical)

Paper- GE-102M (Practical)

Full marks-40 (Credit – 1)

(Internal assessment-16; End Sem. Exam. -24)

Sl. No.	Practical	Marks
1.	Interpretation of Topographical Maps (Plain region)	08
2.	Cartograms (Using MS Excel)	08
3.	Laboratory Notebook and Viva – voce	05+3
TOTAL		24

PRACTICAL: GE-102M

1. Interpretation of Topographical Map (Plain region)
2. Cartograms (Using MS Excel)
3. Laboratory Notebook and Viva – voce

References:

1. Saha, P. & Basu, P. (2015): Advanced Practical Geography – A Laboratory Manual, Books and Allied (P) Ltd., Kolkata.
2. Singh, R. L. & Singh, Rana P. B. (2003): Elements of Practical Geography, Kalyani Publishers, New Delhi.
3. Sarkar, A. (2015): Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi.
4. Singh, R. & Singh, K.: Map Work and Practical Geography, Central Book Depot, Allahabad.



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Syllabus for Four Years Under Graduate Programme Under Science Discipline

Subject: Geography (Interdisciplinary Course)

(NEP-2020)

Year - 2023



Tripura University
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Interdisciplinary Course Structure of Geography (UG Programme)
As per NEP-2020 under Tripura University

Year	Semester	Interdisciplinary Course	Theory
1 st (Certificate Course)	I	Course-1 GE-1ID	Contributions in Geography
2 nd (Diploma Course)	III	Course-2 GE-2 ID	Physical Geography
	IV	Course-3 GE-3 ID	Human Geography



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**Semester-wise Marks Distribution for Geography (UG)
Programme) As Per NEP-2020 under Tripura University**

Year	Semester	Theory		
		Internal Assessment	End Sem. Exam.	Total
1st (Certificate)	I	40	60	100
2nd (Diploma)	III	40	60	100
	IV	40	60	100
		Total Theory = 300		



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Semester-wise Credit Distribution for Geography (UG Programme) As per NEP-2020

Year	Semester	Course	Theory	Marks	Total Credits/Sem.
1	I	1	(Internal Assessment+End Sem. Exam)	100	3
2	III	2	(Internal Assessment+End Sem. Exam)	100	3
	IV	3	(Internal Assessment+End Sem. Exam)	100	3
TOTAL				300	9

1st Year (Certificate Course)
Semester-I
Contributions in Geography (Theoretical)

Paper- 1

Full marks-100 (Credit – 3)
(Internal assessment-40; End Sem. Exam.-60)

Unit-1: Introduction to Geography

Definition, Concepts and Evolution of the term Geography; Divisions and Branches of Geography; Nature and Scope of Geography; Inter-relations of Geography with other Physical and Social Sciences.

Unit-2: Contributors to Geography

Classical Contribution to Geography (Greeks and Romans); Indian and Chinese Contribution to Geography; Medieval Contribution to Geography by Arabs; Age of discovery, Voyages and Renaissance in Europe; Modern contribution to Geography: European and American.

Unit-3: Approaches in Geography

Approaches to the study of Geography-Regional and Systematic; Man-environment relationship: Determinism and Possibilism; Recent trends in Geography; Contemporary Indian Geography.

References:

1. Adhikari, S. (2006): Fundamentals of Geographical Thought, Chaitanya Publishing House, Allahabad.
2. Adhikari, S. (2015): Fundamentals of Geographical Thought, Orient Blackswan Private Limited, New Delhi.
3. Dikshit, R. D. (2018): Geographical Thought: A Contextual History of Ideas, Prentice Hall, New Delhi.
4. Hartshorne, R. (2000): The Nature of Geography, Rawat Publication, New Delhi.
5. Hussain, M. (2014): Evolution of Geographical Thought, Rawat Publication, New Delhi.
6. Harm J.de Blij (2001): Geography: Realms, Regions, and concepts, John Wiley & Sons.
7. Mandal, R.B & Sinha, VNP (2016): Recent Trends & Concepts in Geography, Concept Publishing Company Pvt. Ltd., Delhi, India.

