

**B.A. Geography Honours under
CBCS System (Sem-V)**

DSE2B: Fluvial Geomorphology (Practical)

Teacher: Lamhu Dolma Tamang

Suggested Books:

1. Dent B. D., Torguson J. S., and Holder T. W. (2008): Cartography: Thematic Map Design (6th Edition), Mcgraw-Hill Higher Education.
2. Doornkamp, Jhon C. and King, Cuchlaine A.M. (1971). Numerical Analysis in Geomorphology—An Introduction, Edward Arnold: London.
3. Gupta K. K. and Tyagi V. C. (1992): Working with Maps, Survey of India, DST, New Delhi.
4. Kraak M.-J. and Ormeling F. (2003): Cartography: Visualization of Geo-Spatial Data, Prentice-Hall.
5. Mishra R. P. and Ramesh A., (1989): Fundamentals of Cartography, Concept, New Delhi.
6. Saha, P. and Basu P. (2010). Advanced Practical Geography—A Laboratory Manual, books & Allied Pvt. Ltd.: Kolkata. Cuff J. D. and Mattson M. T. (1982): Thematic Maps: Their Design and Production, Methuen Young Books.
7. Saha, P. and Basu P. (2010): Advanced Practical Geography—A Laboratory Manual, books & Allied Pvt. Ltd.: Kolkata.
8. Sarkar, Ashis (2013): Practical Geography—A Systematic Analysis, Orient Black Swan Pvt. Ltd.: New Delhi.
9. Sarkar, Ashis (2013): Quantitative Geography—Techniques And Presentations, Orient Black Swan Pvt. Ltd.: New Delhi.
10. Singh R. L. and Singh R. P. B. (1999): Elements of Practical Geography, Kalyani Publishers.
11. Singh, Gopal (2008): Map work and Practical Geography, Vikas Publishing House Pvt. Ltd.: New Delhi.
12. Slocum T. A., McMaster R. B. and Kessler F. C. (2008): Thematic Cartography and Geovisualization (3rd Edition), Prentice Hall.
13. Tyner J. A. (2010): Principles of Map Design, The Guilford Press.

Sl. No	Fluvial Geomorphology (Practical)
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1	Concept of Stream Ordering
2	Significance of Stream Ordering
3	Various Methods of Stream Ordering
4	Concept of Bifurcation Ratio
5	Calculation and plotting Bifurcation Ratio
6	Concept of Stream Sinuosity
7	Calculation of Stream sinuosity indices
8	Concept of Drainage density
9	Calculation of Drainage Density
10	Plotting of Drainage Density
11	Concept of Stream frequency
12	Calculation of Stream Frequency
13	Plotting of Stream Frequency
14	Concept of Dissection Index
15	Calculation of Dissection Index
16	Plotting of Dissection Index