

## Semester-V Hons

### DSE2A: Fluvial Geomorphology (Theory)

Teacher: Nanigopal Kapasia

#### Suggested Books:

1. Geomorphology-S. Singha
2. Geomorphology-Kale & Gupta
3. Physical Geography -S. Singha

L. No.	Topic	Remarks
1	Introductions of Geomorphology	
2	Concept of Fluvial Geomorphology	
3	Scope and components of Fluvial Geomorphology	
4	River as ideal for showing as Fluvial Geomorphology—why and how	
5	Rivers as a hydro system with suitable illustration	
6	Different model for channel initiation	
7	Different model for channel initiation...cont	
8	Mechanism of different model	
9	Different drawback of models	
10	Channel networking system	
11	Different patterns of Channel networking system	
12	Influences of geological structures on Channel network	
13	Influences of geological structures on Channel network.....cont	
14	Different techniques of Flow measurement	
15	Different characteristics of Flow measurement	
16	Area velocity approach – a brief analysis	
17	Mechanism of Area velocity for fluvial	
18	Demerits of Area velocity for fluvial	
19	Concept of laminar flow	
20	Mechanism and characteristics of laminar flow	
21	Concept of turbulent flow	
22	Characteristics of turbulent flow	

