**CURRICULUM PLAN 2025-26**

**B.A. (H) Geography**

**Semester – I (NEP)**

**Name of the Teacher: Dr. Pradeep Kumar Upadhyay**

**Paper Name & Paper Code: Digital Cartography (2299101103)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Unit No.** | **Name of Topic**  | **Tutorial/Assignment/ Presentation etc.** | **Allocation of Lectures** | **Assessment Tasks** | **Teaching and Learning****Activity** |
| 1 | Cartography: definition, history and evolution of cartography, concept & classification of map, digital cartography  | Test | 12 (1 August 2025 – 20 august 2025) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials |
| 2 | Construction & Application of simple scale, comparative scale & diagonal scale. | Test | 12(21st August, 2025– 21st Sept, 2025) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |
| 3 | Map projection, construction, properties & uses and limitation of polar Zenithal stereographic projection, conical projection with two standard parallels, Mercator’s projection, concept of UTM | Test | 16(22 sept 2025 – 22 October, 2025) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions, fieldworks and tutorials. |
| 4 | Interpitation of Topographic Map: identification & interrelationship between physical & cultural feature in a mountain region, cross and longitudinal profile. | Test | 12(23 oct, 2025–10 Nov, 2025) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |
| 5 | Concept of point, line and areal data, elements of map design, creation of a digital map using Q-GIS | Test | 8 (11th Nov 2025 – 27th Nov 2025) | Assignments, Hands-on Practice | Classroom Lectures, PPTs, documentaries, discussions and tutorials. |