**CURRICULUM PLAN 2024-25**

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

**Semester – III (LOCF)**

**Name of the Teacher: Prof. Seema Sahdev**

**Paper Name & Paper Code: Climatology**

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| **Unit No.** | **Name of Topic** | **Allocation of Lectures (date wise)** | **Teaching Methods** | **Assessment Tasks** |
| I | **Introduction**: Nature, Scope, and Application. | 10 lectures  (1 August,2024– 12 August, 2024) | Classroom lectures  PPT  Documentaries  Discussions  Visit to Indian Institute of Metrology | Assignment, Presentation  Mock test |
| II | **Atmospheric Moisture:** Humidity-types, Evapotranspiration, Condensation- process and forms (a. clouds, and b. fog), Precipitation- forms and types, Atmospheric Stability and Instability. | 24 lectures (13 Aug., 2024 – 14 September, 2024) | Classroom lectures  PPT  Documentaries  Discussions  Visit to Indian Institute of Metrology | Assignment, Presentation  Mock test |
| III | **Atmospheric Disturbances:**  • Tropical Cyclones- Characteristics, Mechanism and Distribution.  • Temperate Cyclones- Characteristics, Mechanism (Polar Front Theory) and Distribution | 24 lectures (15 Sept, 2024 – 10 Oct , 2024) | Classroom lectures  PPT  Documentaries  Discussions  Visit to Indian Institute of Metrology | Assignment, Presentation  Mock test |
| IV | **Monsoon:**  • Mechanism of monsoon.  • Global teleconnections in relation to monsoon in India, ENSO, Indian Ocean Dipole Effect.  • Jet Streams and Monsoon in India. | 20 lectures (11 Oct , 2024 – 8th November, 2024) | Classroom lectures  PPT  Documentaries  Discussions  Visit to Indian Institute of Metrology | Assignment, Presentation  Mock test |
| V | **Climatic Classification:**  • Concept and Purpose of Classification.  • Koppen’s Classification. | 8 lectures (9th Nov, 2024-28th Nov 2024) | Classroom lectures  PPT  Documentaries  Discussions Visit to Indian Institute of Metrology | Assignment, Presentation  Mock test |