**CURRICULUM PLAN 2023-24**

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

**Semester – III (LOCF)**

**Name of the Teacher: Dr. 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(17 August,2023– 31 August, 2023) | Classroom lecturesPPTDocumentariesDiscussionsVisit 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 (1st sept, 2023 – 29 September, 2023) | Classroom lecturesPPTDocumentariesDiscussionsVisit 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 (03 Oct, 2023 – 03rd Nov , 2023) | Classroom lecturesPPTDocumentariesDiscussionsVisit 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 (6th Nov , 2023 – 30th November, 2023) | Classroom lecturesPPTDocumentariesDiscussionsVisit to Indian Institute of Metrology | Assignment, Presentation Mock test |
| V | **Climatic Classification:** • Concept and Purpose of Classification. • Koppen’sClassification.  | 8 lectures (1st Dec, 2023-12th Dec 2023) | Classroom lecturesPPTDocumentariesDiscussionsVisit to Indian Institute of Metrology | Assignment, Presentation Mock test |