



Indraprastha College for Women

University of Delhi

Course Name:	B. A. (Prog.) Geography
Paper Title:	Climatology
Unique Paper Code:	2292102301
Semester:	III
Faculty(s):	Dr. Rajan Maurya
Year:	2026

Work Plan			
Period	Unit No.	Learning Objective	Topics to be Covered
28 th July -3 rd Aug	III	Understanding Atmospheric Disturbances	Atmospheric Disturbances
5 th Aug-10 th Aug	III	Understanding cyclones, their characteristics	Tropical Cyclones - Characteristics
12 th Aug-17 th Aug	III	Understanding Cyclone Mechanism	Tropical Cyclones - Mechanism
19 th Aug-24 th Aug	III	Understanding Cyclone Distribution	Tropical Cyclones - Distribution
26 th Aug-31 st Aug	III	Understanding Temperate cyclones, their characteristics	Temperate Cyclones- Characteristics,
2 nd Sep-7 th Sep	III	Understanding Temperate Cyclone Mechanism	Temperate Cyclones- Mechanism (Polar Front Theory)
9 th Sep-14 th Sep	III	Understanding Temperate Cyclone Distribution	Temperate Cyclones- Distribution
16 th Sep-21 st Sep	IV	Understanding monsoon phenomena and its characteristics	Monsoon phenomena and its characteristics
23 rd Sep-28 th Sep	IV	Understanding Global teleconnections in relation to monsoon in India	Global teleconnections in relation to monsoon in India
30 th Sep-2 nd Oct	IV	Understanding ENSO	ENSO
03 rd Oct-10 th Oct	IV	Understanding Indian Ocean Dipole Effect	Indian Ocean Dipole Effect
11 th Oct-15 th Oct	IV	Understanding Jet Streams	Jet Streams
15 th Oct-17 th Oct	IV	Understanding Monsoon in India	Monsoon in India
18th Oct-25th Oct			AUTUM VACATION
26 th Oct -31 st Oct	V	Understanding Concept: Climatic Classification	Concept and purpose of Climatic Classification
01 st Nov-5 th Nov	V	Understanding Purpose of Climatic Classification	Purpose of Climatic Classification
6 th Nov-10 th Nov	V	Understanding Koppen's Classification.	Koppen's Classification
11 st Nov-19 th Nov	III to V	Revision	All topics
20 th Nov	DISPERSAL OF CLASSES		

Unit	TOPICS
I	To be done by Sneh Gangwar
II	To be done by Sneh Gangwar
III	Atmospheric Disturbances: • Tropical Cyclones- Characteristics, Mechanism and Distribution. • Temperate Cyclones- Characteristics, Mechanism (Polar Front Theory) and Distribution.
IV	Monsoon: • Mechanism of monsoon. Global teleconnections in relation to monsoon in India, ENSO, Indian Ocean Dipole Effect. • Jet Streams and Monsoon in India.
V	Climatic Classification: • Concept and Purpose of Classification. • Koppen's Classification.
S. No.	Name of Authors/Books/Publishers
1.	Barry R. G. and Corley R. J. (2003) Atmosphere, Weather and Climate, Routledge, New York
2.	Critchfield H. J. (1987) General Climatology, Prentice-Hall of India, New Delhi
3.	Trewartha G. T. and Horne L. H. (1980) An Introduction to Climate, McGraw-Hill