

# CURRICULUM PLAN 2024-25

## B.A. (P) Geography

Semester – III (LOCF)

Name of the Teacher: Dr. Pradeep Kumar Upadhyay

Paper Name & Paper Code: Climatology

Unit No.	Name of Topic	Allocation of Lectures (date wise)	Teaching Methods	Assessment Tasks
I	<b>Introduction:</b> 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	<b>Atmospheric Moisture:</b> 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	<b>Atmospheric Disturbances:</b> <ul style="list-style-type: none"><li>• Tropical Cyclones- Characteristics, Mechanism and Distribution.</li><li>• Temperate Cyclones- Characteristics, Mechanism (Polar Front Theory) and Distribution</li></ul>	24 lectures (15 Sept, 2024 – 10 Oct , 2024)	Classroom lectures PPT Documentaries Discussions Visit to Indian Institute of Metrology	Assignment, Presentation Mock test
IV	<b>Monsoon:</b> <ul style="list-style-type: none"><li>• Mechanism of monsoon.</li><li>• Global teleconnections in relation to monsoon in India, ENSO, Indian Ocean Dipole Effect.</li><li>• Jet Streams and Monsoon in India.</li></ul>	20 lectures (11 Oct , 2024 – 8 <sup>th</sup> November, 2024)	Classroom lectures PPT Documentaries Discussions Visit to Indian Institute of Metrology	Assignment, Presentation Mock test

V	<b>Climatic Classification:</b> <ul style="list-style-type: none"><li>• Concept and Purpose of Classification.</li><li>• Koppen's Classification.</li></ul>	8 lectures (9 <sup>th</sup> Nov, 2024-28 <sup>th</sup> Nov 2024)	Classroom lectures PPT Documentaries Discussions Visit to Indian Institute of Metrology	Assignment, Presentation Mock test
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