

M.J.Govt.College for Girls, Pillukhera (Jind)

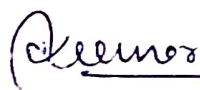
Department of Geography

Lesson Plan (Session -2023-24)

Subject :- Human Geography)

Class-B.A. 2nd (4<sup>th</sup> Semester) Even Semester (Theory)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents</u>
1	January & February 2024	<ul style="list-style-type: none"><li>Nature and scope of Human Geography, Branches of Human Geography, Approaches to the study of Human Geography.</li><li>Division of Mankind: Spatial distribution of race and tribes of India; concept of men-environment relation : A historical approach.</li></ul>
2	March 2024	<ul style="list-style-type: none"><li>Human adaptation to the environment (i) Cold region – Eskimo (ii) Hot region Bushman (iii) Plateau – Gonds (iv) Mountains – Gujjars</li><li>Meaning, nature and components of resources; Classification of resources – renewal and non- renewable ; biotic and abiotic, recyclable and non recyclable. Distribution, utilization and conservation of biotic (flora and fauna) and abiotic (water, minerals and energy) resources.</li><li>1st Assignment</li></ul>
3	April 2024	<ul style="list-style-type: none"><li>Distribution and density of world population, population growth, fertility and mortality patterns.</li><li>Concept of over, under and optimum population; Population theories: Malthus, Ricardo and Marx.</li><li>Rural settlements: Meaning, classification and types. Urban settlements: Origin, classification and functions of towns.</li><li>2nd Assignment</li></ul>
4	May 2024	<ul style="list-style-type: none"><li>Population pressure, resource use and environment degradation; sustainable development, concept of deforestation, soil erosion, air and water pollution</li><li>Assessment Test</li><li>Revision of Syllabus</li></ul>

 28.02.2024

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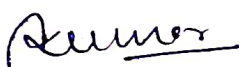
Department of Geography

Lesson Plan (Session -2023-24)

Subject:- Map Projections

Class-B.A. 2nd (4<sup>th</sup> Semester) Even Semester (Practical)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents</u>
1	January & February 2024	<ul style="list-style-type: none"><li>• Introduction to Map Projection: Meaning, Classification and importance; Characteristics of latitudes and longitudes lines.</li><li>• Cylindrical projections: Characteristics, applications and drawing; (i) Simple cylindrical projection (ii) Cylindrical equal area projection. (iii) True shape or orthomorphic or Mercator's Projection.</li></ul>
2	March 2024	<ul style="list-style-type: none"><li>• Conical Projections: Characteristics, applications and drawing.</li><li>• (i) Simple conical projections with one standard parallel</li><li>• (ii) Simple conical projection with two standard parallel</li><li>• (iii) Bonne's Projection</li><li>• (iv) Polyconic projection.</li><li>• (v) International Map Projection.</li></ul>
3	April 2024	<ul style="list-style-type: none"><li>• Zenithal Projections: Characteristics, applications and drawing. ((i) Polar Zenithal Equidistant Projection. (ii) Polar Zenithal Equal Area Projection (iii) Polar Zenithal Gnomonic Projection (iv) Polar Zenithal Stereographic Projection. (v) Polar Zenithal Orthographic Projection</li></ul>
4	May 2024	<ul style="list-style-type: none"><li>• Characteristics, applications and drawings of</li><li>• (i) Sinosoidal and (ii) Mollweide Projections.</li><li>• . Plane Table Survey.</li></ul> <p><b>Revision of Syllabus</b></p>

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Lesson Plan (Session -2023-24)

Subject:- Introduction to Remote Sensing, GIS & Quantitative Methods

Class-B.A.3rd (6<sup>th</sup> Semester) Even Semester (Theory)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents</u>
1	January & February 2024	<ul style="list-style-type: none"><li>• Introduction to Aerial Photographs: their advantages and types.</li><li>• Elements of aerial Photo interpretation.</li></ul>
2	March 2024	<ul style="list-style-type: none"><li>• Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, type of satellites.</li><li>• Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.</li></ul> <p>1st Assignment</p>
3	April 2024	<ul style="list-style-type: none"><li>• Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.</li><li>• Application of GIS in various fields of geography.</li><li>• Measure of Central Tendency: Mean, Median and Mode.</li></ul> <p>2nd Assignment</p>
4	May 2024	<ul style="list-style-type: none"><li>• Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation</li></ul> <p>Assessment Test Revision of Syllabus</p>

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Lesson Plan (Session -2023-24)

Subject:- Remote Sensing and Field Survey Report

Class-B.A.3rd (5<sup>th</sup> Semester) Even Semester (Practical)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents</u>
1	January & February 2024	<ul style="list-style-type: none"><li>• Demarcation of Principal Point,</li><li>• Conjugate Principal point and Flight line on Aerial Photographs –</li></ul>
2	March 2024	<ul style="list-style-type: none"><li>• Determination of Scale of Aerial Photographs</li><li>• Interpretation of Single Vertical Photographs</li><li>• Use of Stereoscope and Identification of Features</li></ul>
3	April 2024	<ul style="list-style-type: none"><li>• Identification of Features on IRSID, LISS III imagery (Mark copy of FCC)</li></ul>
4	May 2024	<ul style="list-style-type: none"><li>• Socio-economic Survey and Report Writing</li><li>• Revision of Syllabus</li></ul>

*(Signature)* 28.02.2024

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