

**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**

Tal – Khed, Dist – Pune Pin.- 410505

**Department of Geography****Teaching Plan NEP 2020 (2024 Pattern)****Academic year - 2024-2025****Class – FYBA****Semester – II****Subject Code – GEO-151-T****Div- A, B,****Subject – Theory****Name of Subject – Human Geography (Main Subject)****Name of Subject Teacher - Prof. M. L. Muluk**

Month	Teaching Hours	Topic	Sub Topics
Jan. Feb.25	12	Introduction to Human Geography	1. Meaning and definition of Human Geography. 2. Nature and scope of Human Geography. 3. Branches and Importance of Human Geography.
Feb./March 25	12	Population & Settlement	i. Factors affecting on distribution of population. ii. Composition of Indian Population: Gender and Literacy iii. Theory of Demographic Transition iv. Types and patterns of rural settlement
March/April 25	12	Agriculture	i. Types of agriculture (Intensive, Subsistence) ii. Factors affecting Indian agriculture iii. Problems of Indian agriculture

**Name of Subject Teacher - Prof. M. L. Muluk**

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan NEP 2020 (2024 Pattern)**

**Academic year - 2024-2025**

**Class – FYBA**

**Semester – II**

**Subject Code – GEO-152-P**

**Div- A, B,**

**Subject – Theory**

**Name of Subject – Practical's in Human Geography (Main Subject)**

**Name of Subject Teacher - Prof. Dr. D. D. Muluk**

Month	Teaching Hours	Topic	Sub Topics
Jan. Feb.25	16	Population	Population Indices . 1. Age Sex Pyramid 2. Dependency Ratio 3. Infant Mortality Ratio 4. Population Growth Rate
Feb./March 25	20	Settlement	Measures of Nucleation and Dispersion of Settlement 1. Rank Size Rule 2. Nearest Neighbour analysis
March/April 25	25	Agriculture	1. Crop Combination method: Weaver's method 2. Crop diversification method: Bhatia's method

**Name of Subject Teacher - Prof. Dr. D. D. Muluk**

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan NEP 2020 (2024 Pattern)**

Academic year - 2024-2025

Class – FYBA

Semester – II

Subject Code – OE-151-GEO

Div- A

Subject – Theory

Name of Subject – Practical's in Tourism Geography (V4 VSC)

Name of Subject Teacher - Prof. M. L. Muluk

Month	Teaching Hours	Topic	Sub Topics
Jan. Feb.25	16	Introduction of Tour planning	i. Meaning of Tour planning ii. Elements of Tour planning iii. Classification of Tour planning: individual, family, group and mass level iv. Importance of tour planning.
Feb./March 25	25	Techniques of Tour Planning	i. Preparation of Tour Planning: Leaflet of tour planning, Passenger documentation, Insurance calculation, Currency exchange, Time exchange and calculation, Distance measurement. ii. Tourist Guide iii. Computer application for tour planning. iv. Procedure of passport & visa application. v. Booking and cancellation system: Transportation (Air, Rail, Road) and hospitality (accommodation)
March/April 25	20	Planning and visit to tourist place	Preparation of one short or long international/ national/ local tour plan.

Name of Subject Teacher - Prof. M. L. Muluk

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

Academic year - 2024-2025

Class – SYBA

Semester – IV

Subject Code - 25202

Div – A and B

Subject – Theory

Name of Subject: Gg: 210(B) CC 1D - Environment Geography- II, (G2)

Teacher - Prof. Dr. D. M. Markad

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	12	Environmental Disaster	1. Meaning and concepts of environmental disaster 2. Classification of Disaster 3. Natural Disaster a) Earthquake b) Flood 4. Biological Disaster a) Swine flu b) Novel Corona (COVID-19)
Jan/ Feb.25	12	Environmental Problems	1. Global Warming and climate change 2. Ozone Depletion 3. Acid rain 4. Over use of chemical fertilizers, pesticides and insecticides
Feb/March 25	12	Environmental Planning and Management	1. Need of Planning and Management 2. Micro, macro and meso level Planning and Management with reference to India 3. Environmental impact assessment
March/April 25	12	Environmental Policies	1. Introduction of environmental policies 2. Environmental education in India 3. Kyoto Protocol

**Teacher - Prof. Dr. D. M. Markad**

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

**Academic year - 2024-2025**

**Class – SYBA**

**Semester – IV**

**Subject Code - 25203**

**Div – A**

**Subject – Theory**

**Name of Subject – Gg: 230(B) DSE 1B - Population Geography – II (S1)**

**Name of Subject Teacher - Prof. Dr. Dilip Muluk**

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	12	Concept and theories of Population	1. Population and space: over Population, Optimum Population, Under Population 2. Malthusian Theory 3. Marxian Theory
Jan/ Feb.25	12	Problems of Population and Population Polices	1. Population Problems in India. 2. Population Problems in developed countries 3. Population Policies in India and China
Feb/March 25	12	Population as a Resources Contemporary Issues	1. Health Indicator in India 2. Population as Social Capital 3. Human Development Index.
March/April 25	12	Urbanization	1. Concept of urbanization 2. History of urbanization in India, Trends of World urbanization. 3. Problems of Urbanization in India

**Name of Subject Teacher - Prof. Dr. Dilip Muluk**

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
 Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

Academic year - 2024-2025

Class – SYBA

Semester – IV

Subject Code - 25204

Batch – A, B, C

Subject – Practical

Name of Subject – Gg: 201(A) DSE 2A - Practical Geography – II (Cartographic Techniques, Surveying and Excursion / Village / Project Report) (S2)

Name of Subject Teacher - Prof. Dr. D. M. Markad and Prof. M. L. Muluk

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	15	<b>Introduction to Cartography</b>	1. Definition of Cartography 2. Development of cartography a. Traditional b. Modern 3. Use of Cartography
Jan/ Feb.25	15	<b>Cartographic techniques</b>	1. Techniques of representation of data(Use and limitations) a. Simple line graph b. Simple bar Graph c. Pie diagram d. Choropleth Map e. Isoleth Method (Isoheight or Isothermal) f. Flow diagram
Feb/March 25	15	<b>Surveying</b>	1. Definition of Surveying 2. Types of North Direction (True, Magnetic and Grid North) 3. Types of Survey (Any three) a. Plane Table Survey : (Radiation Method and Intersection Method) b. GPS Survey and plotting c. Dumpy level / Auto level survey i) Rise and Fall Method ii) Collimation Method 4. Measurement of land: i) Measurement of survey field ii) Example on measurement of area iii) Conversion of area
March/April 25	15	<b>Report writing</b>	Study tour to places of geographical interest anywhere in the country Or Socio- economic survey of village/city

Name of Subject Teacher - Prof. Dr. D. M. Markad and Prof. M. L. Muluk

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

**Academic year - 2024-2025**

**Class – SYBA**

**Semester – IV**

**Subject Code – SEC 2B**

**Div – A**

**Subject – Theory**

**Name of Subject – Applied Course of Travel and Tourism SEC-2**

**Name of Subject Teacher - Prof. Dr. Dilip Muluk**

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	08	Introduction to Travel and Tourism	1. Basic concepts: Travel & Tourism 2. Types of Tourist and Tourism 3. Types of transportation
Jan. Feb.25	08	Local Tourism	1. Concept and need of local tourism 2. Introduction to local tourist places
Feb/ March 25	08	Tour planning and Skill development	1. Basic skills: Communication, Time Management, Computer operating, online booking, Net banking, Cancellation of booking and ticket, etc. 2. Framing the tour plan (Itinerary): Budget (Costing), Duration, Insurance, Route and other requirements for individual, family, group and mass level tours 3. Promotion of tourism
March/ April25	08	Project work and Visit to tourist place	1. One short tour (Not more than two days duration) and Preparation of tour report.

**Name of Subject Teacher - Prof. Dr. Dilip Muluk**

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
 Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

Academic year - 2024-2025

Class – TYBA

Semester – VI

Subject Code - 36205

Div. – A and B

Subject – Theory

Name of Subject – Gg: 310(A) CC 1E Geography of Tourism- I (G3)

Name of Subject Teacher - Prof. M. L. Muluk

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	12	Role of Accommodation in Tourism	a) Accommodation Types i. Hotels, Motels, Inn, Dharmashalas ii. Govt. Accommodation, Tourist homes iii. Private accommodations and unrecognized accommodations b) Factors affecting choice of Accommodation c) Role of Accommodation in Tourism Development
Jan/ Feb.25	12	Impact of Tourism	a) Economic impact i. Effect on foreign exchange ii. Employment generation iii. Infrastructure development b) Physical and Environmental impacts i. Land Degradation ii. Loss of plant and animal life iii. Air and water pollution c) Social cultural impacts i. Crime and Gambling activities ii. Languages iii. Traditional arts
Feb/March 25	12	Planning and Policies of tourism development	a) World Tourism Organization (WTO) b) India Tourism Development Corporation (ITDC) c) Maharashtra Tourism Development Corporation (MTDC)
March/April 25	12	Case studies of Major Tourist Centers in India	a) Hill Station- Manali and Mahabaleshwar b) Historical- Tajmahal and Raigadh fort c) National Parks- Kaziranga, Melghat

Name of Subject Teacher - Prof. M. L. Muluk

KTSPMS

**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**

Tal – Khed, Dist – Pune Pin.- 410505

**Department of Geography**

**Teaching Plan (2019 Pattern)**

**Academic year - 2024-2025**

**Class – TYBA**

**Semester – VI**

**Subject Code - 36201**

**Div. – A**

**Subject – Theory**

**Name of Subject – Gg: 320(A) DSE 1C Geography of India –I (S3)**

**Name of Subject Teacher - Prof. Dr. D. M. Markad**

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	12	Cultural Setting	a) Religions of India b) Languages of India c) Major tribes, tribal areas and their problems
Jan/ Feb.25	12	Transportation & Communication	a) Role of Transportation in regional development of India b) Land ways, Airways and Waterways c) Developments in communication technology
Feb/March 25	12	Resources	a) Iron ore and Manganese b) Coal and Petroleum c) Hydro and Thermal Power
March/April 25	12	Agriculture	a) Significance of agriculture in Indian Economy. b) Agro Based Industries: Sugar, Cotton & Textile c) Agriculture Revolution in India: Green, White & Blue

**Name of Subject Teacher - Prof. Dr. D. M. Markad**

**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**

Tal – Khed, Dist – Pune Pin.- 410505

**Department of Geography****Teaching Plan (2019 Pattern)**

Academic year - 2024-2025

Class – TYBA

Semester – VI

Subject Code – 36203

Batch – A and B

Subject – Practical

Name of Subject – Gg: 301(A) DSE 2C Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report) (S4)

Name of Subject Teacher - Prof. Dr. Dilip Muluk And Prof. M. L. Muluk

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	15	Geographical Data & its Basic Analysis	a. Introduction and Types of Geographical Data: i) Spatial and Temporal data ii) Discrete and Continuous series iii) Grouped and Ungrouped data b. Basic Analysis : i) Tally marks and frequency table ii) Frequency distribution (histogram & polygon) iii) Cumulative Frequency & Ogive curve
Jan/ Feb.25	15	Calculation of Central Tendency, & Dispersion	a. Meaning and description of central tendencies- Mean, Mode, Median b. Calculation of Mean, Mode, Median for ungrouped and grouped data (two examples each) c. Measures of Dispersion: Mean Deviation & Standard Deviation (two examples each)
Feb/March 25	15	Testing and Application of Hypothesis	a) Meaning, Definition of Hypothesis & Types of Hypothesis i) Null & Alternative hypothesis ii) Level of significance, iii) Degree of freedom b) Concept of Correlation and regression I. Concept of bivariate correlation & Regression II. Meaning of coefficient of correlation III. Parametric & Non parametric tests: i) Chi-square test (two examples each) IV. Calculation of Spearman Rank order (Min. two examples for each test)
March/April 25	15	Field Excursion / Village Survey / Project Report	a. One Short tour of two days duration and preparation of tour report OR b. One long Tour of more than Five days duration anywhere in the country and preparation of tour report OR c. Village / City / Area Survey and preparation of report

Name of Subject Teacher - Prof. Dr. Dilip Muluk And Prof. M. L. Muluk

KTSPMS  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
 Tal – Khed, Dist – Pune Pin.- 410505  
**Department of Geography**  
**Teaching Plan (2019 Pattern)**

Academic year - 2024-2025

Class – TYBA

Semester – VI

Subject Code – SEC 2D

Batch – A and B

Subject – Theory

Name of Subject – SEC 2D Research Methodology – II

Name of Subject Teacher - Prof. Dr. D. M. Markad

Month	Teaching Hours	Topic	Sub Topics
Jan. 25	10	Methods of Data Collection	A) Primary Data Questionnaire Method i.) Questionnaire – definition ii.) Characteristics of a good questionnaire iii.) Merits and demerits Questionnaire Method B) Secondary Data i) Government Sources ii) Syndicated Sources iii) Other Types of Sources
Feb.25	10	Types of Research Report	i. Dissertation and Thesis, ii) Research paper, review article iii) Characteristics of Good Research Report Writing
March 2025	10	Techniques of Research Report Writing	i) Structure and organization of research reports: Title, abstract, key words, introduction ii) Methodology, results, discussion, conclusion, references, footnotes, iii) Concepts of Case Study

Name of Subject Teacher - Prof. Dr. D. M. Markad



Head of Department

