M.PHIL GEOGRAPHY
2021 SYLLABUS ONWARDS
COURSE OUTCOMES

SEMESTER – I
RESEARCH METHODOLOGY
Course Code: M21GET11

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Students should be able to distinguish a purpose statement, a research question or hypothesis, a research objective and the utility of a hypothesis in scientific research.	K2
CO2	Students should be able to identify independent, dependent, features development of research and sampling design and its basic types.	K2
CO3	Students should be able to distinguish the interpretation, report-writing techniques and mechanics of writing of Report.	K3
CO4	Students should be able to design a good quantitative purposestatement and good quantitative research questions and hypotheses.	K4
CO5	Students will be able to understand the research problems, the link between quantitative research questions, data collection and how research questions are operationalized in educational practice.	K5

SEMESTER – I
QUANTITATIVE TECHNIQUES IN GEOGRAPHY
Course Code: M21GET12

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Learn all the relevant techniques and methods for analyzing the data quantitatively through basic descriptive statistics to bivariate analysis; multivariate analysis both on analog and digital platform	K2
CO2	Apply the apt techniques for carrying out their research work	K2
CO3	Have the ability to assess the data manually or by using software	K3
CO4	Know the proper test required to validate the hypothesis	K4
CO5	Use proper methods to quantify the primary and secondary data	K5

ELECTIVE I – POPULATION GEOGRAPHY
Course Code: M21GET21

Course Outcomes:

After the completion of the course, students will have ability to

CO1	After this lesson the students can develop their understanding of the distribution of the population and its various characteristics including population growth, density, fertility, mortality, death rate, birth rate etc.	**K2**
CO2	They can understand the negative or positive effects of population distribution and growth in the society and can create awareness among the people of society regarding this.	**K2**
CO3	Students will be analyzing the global trend and patterns of population growth in developing countries and migration patterns.	**K4**
CO4	Students will be evaluating the population growth theory and migration theories.	**K4**
CO5	Students will understand the population policies and their importance in different countries.	**K5**

ELECTIVE II – URBAN GEOGRAPHY
Course Code: M21GET22

Course Outcomes:

After the completion of the course, students will have ability to

CO1	After the lesson students will able to knowledge development of urbanization.	**K2**
CO2	Student will be understand the world demographic structure of cities	**K2**
CO3	Students will learn and explain the functional classification towns, and basic and non-basic concept.	**K2**
CO4	Student will be understands the urban settlements and hierarchy of urban centers, central place theory.	**K4**
CO5	Students will learn urban problems, types of and pattern, distribution acquisition and characteristics.	**K5**

ELECTIVE I – LAND EVALUTION
Course Code: M21GET23

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Students will acquire knowledge regarding the land evaluationprocess and land use planning.	**K2**
CO2	To be able to analyses and interpret the land utilization types andland resources survey	**K2**
CO3	They understand about GIS and Agricultural land use	**K2**
CO4	Students will be learning about agro climatic land suitability	**K3**
CO5	Develop an idea about interpretation and application of remotesensing and GIS	**K4**

ELECTIVE I – DISASTER STUDIES
Course Code: M21GET24

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Describe Definitions and Terminologies used in Disaster Management, Types and Categories of Disasters	**K2**
CO2	Students will be able to challenges posed by Disasters and Impacts of Disasters	**K2**
CO3	Describe various disasters that India is vulnerable to, and the hazardmaps that enable them to visualize their vulnerabilities	**K3**
CO4	To understand about the Natural Disasters its Causes and Consequences	**K4**
CO5	To learn about Disaster Management and Mitigation.	**K2**

ELECTIVE I – WATER RESOURCE

Course Code: M21GET25

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Identify the causes of water scarcity.	**K2**
CO2	Distinguish between potential and actual water resources	**K2**
CO3	Justify the need for water conservation and management.	**K3**
CO4	Analyze the various inter- state disputes and riots among different communities.	**K4**
CO5	Identify the challenges facing water management in varied climatetypes around the world;	**K2**

SEMESTER – II

ELECTIVE I – AGRO-CLIMATOLOGY
Course Code: M21GET216

Course Outcomes:

After the completion of the course, students will have ability to

CO1	Students will be able to Agriculture to the importance of climate to agriculture	**K2**
CO2	The student knows the main environmental factors and their interactions with agricultural, forestry and natural ecosystems, is able to measure and evaluate them	**K5**
CO3	Students have known how to calculate energy balance and climatology and the principles that govern the climate allows and understand the ongoing climate change.	**K3**
CO4	Students have knowledge of possible mitigation and adaptation techniques in the new evolving climate situation.	**K5**
CO5	A student also knows the main applications of agro-meteorology in particular environments, such as greenhouse, urban green, urban gardens and other innovative mitigation techniques of climatechange.	**K3**