

DEPARTMENT OF GEOGRAPHY

COURSE CURRICULUM & MARKING SCHEME

Ph –D COURSE WORK IN GEOGRAPHY

SESSION : 2021-22

GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE,
DURG, 491001 (C.G.)

(Former Name _ Govt. Arts & Science College, Durg)

NAAC Accredited Grade A+ , College with CPE _ Phase III (UGC) , STAR COLLEGE (DBT)

Phone : 0788- 2212030

Website – www.govtsciencecollege.ac.in, Email – autonomousdurg2013@gmail.com

The syllabus for ~~B.A.~~ ^{Ph.D} GEOGRAPHY is hereby approved for the sessions 2022-23

Name and Signatures

		Departmental members
Chairperson / H.O.D	<i>Bm 25.7.22</i>	1. <i>Jal</i>
Subject Expert	<i>Kusey</i>	2. <i>gpr</i>
Subject Expert.....	<i>25.7.22</i>	3. <i>[Signature]</i>
Subject Expert	<i>25.7.22</i>	4. <i>[Signature]</i>

Syllabus for Ph-D. Course work in Geography
(2021-2022)

	प्रश्न पत्र
Paper -I	1 . Research Methodology, Quantitative Method & Computer Application in Geography (पूर्व निर्धारित पाठ्यक्रम एवं नियमानुसार) 2. Research and Publication Ethics (RPE) –Annexure Attached) (यू जी. सी. द्वारा पाठ्यक्रम एवं प्रणाली के अनुसार)
Paper -II	Review of Literature in Geography, Seminar / Project Report

(‘ In case, any change or modification is prescribed by the board of Studies in Geography ,Hemchand Yadav University durg (C.G.) with respect to content or distribution of marks for Ph-d course in Geography, it will be implemented accordingly)

Paper - I

**Research Methodology, Quantitative Method and
Computer Application in Geography**

(Marks 100)

**Unit I Research Methodology : An overview; explanation in
Geography. Defining Research Problem , Procedure of
Scientific Research. Formulation Hypothesis; Research
Design.**

Unit II Sources of data in Geography, Methods of data collection :
Observation , schedule, questionnaire and interview, Proce_
Ssing of data : editing, coding and classification and
Tabulation, Sampling methods and size of the sample.

Unit III Analysis of data : Measurement of Central Tendency, disper-
Sion and relationship : Probability. Measurement of research
Measurement scale, sources of error in measurement, importa_
Nt scaling techniques : Quantitative techniques : Correlation,
Product Movement Correlation .

Unit IV Running mean ; describing point patterns ; Mean Centre,
Nearest Neighbour Analysis, Line Pattern: Detour Index and
Shape index, Tests : ' t' Test ' F' Test , Chi square Test ;
Rank Size Rule; Lorenz Curve; Fundamental Classification of
Towns ; Centrality index of central place ;Crop Combination
Region, Agricultural Efficiency; Gravity and Potential
Modes, Linear Regression.

Unit V Interpretation and preparation of Research Report: Meaning

And techniques of interpretation, steps, layout and type of Reports. Computer application : computer fundamentals, Microsoft office (word, excel and Power Point) , internet, Computer cartography, Remote sensing and GIS application.

Paper – II

Project Work

(Marks 100)

Part – I : Project Work Report

(Marks – 50)

The candidate shall review minimum 20 research articles Of a broad research area from referred journals of the discipline. After reviewing the research articles the candidate shall submit a summary chronologically developing the arguments to the Department within two months from the beginning of the course. On the basis of the review of literature the candidate shall prepare a Synopsis Including :

- I . Research Topic
- II . Review of Literature
- III . Gaps in earlier Studies
- IV. Statement of Problem.

V. Objectives

VI. Hypothesis

VII. Methodology

VIII. Plan of the Study

Part- II : Project Work Presentation (Marks – 30)

The candidate shall present a seminar on the basis of the suggestions made in the seminar. Final examination will be conducted with the help of an external examiner in the presence of the internal examiner.

Part – III : Project Work Viva-voce (Marks 20)