

**Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)**



**Department of Geography
(UG, PG, M. Phil and Research
Centre)**

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)



Department of Geography

M.Phil. Geography Curriculum

(Under the Academic Autonomous Status)

Theory Pattern

Revised June 2013

Rajarshi Shahu Mahavidyalaya, Latur

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M. Phil. Geography

Theory Pattern

Curriculum

Course Code	Course Title	Lectures	Marks	Credits
P-REM-101	Research Methodology	100	100	05
P-IT-102	Information Technology	100	100	05
P-AGG-103-A	Recent Advances in Agricultural Geography	100	100	05
P-SEG-103-B	OR Recent Advances in Settlement Geography			
P-POG-104-A	Recent Advances in Population Geography	100	100	05
P-RAT-104-B	OR Recent Advances in Tourism,			
DER 105	Dissertation	100	100	05
Total			500	25

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M. Phil. Geography

Course Code	Course Title	Lect. per Week	Marks			Duration of Examination
			Internal	External	Total	
P-REM-101	Research Methodology	04	20	80	100	03 Hours
P-IT-102	Information Technology	04	20	80	100	03 Hours
P-AGG-103-A	Recent Advances in Agricultural Geography OR	04	20	80	100	03 Hours
P-SEG-103-B	Recent Advances in Settlement Geography					
P-POG-104-A	Recent Advances in Population Geography OR	04	20	80	100	03 Hours
P-RAT-104-B	Recent Advances in Tourism					

1. Internal marks will be divided as follows:

- a. One seminar 10 Marks
- b. One Assignment 10 Marks

2. Unit Test: No Unit Test for any theory paper.

3. Candidates can submit their Dissertation after theory examination.

1) Introduction:

Geography is an ancient discipline of knowledge. It is a bridge between the social sciences and natural sciences. Now-a-days geography has been at the forefront of research in environment, agriculture, industries, tourism, marketing, population and other fields of geography. Geography is one of rapidly growing and applied areas of earth sciences and social sciences.

For this academic year the University syllabus is applied as it is.

2) Title of the Course: M. Phil.

3) Objectives of the Course:

- 1) To impart analytical skills and theoretical understanding among the students in geography.
- 2) To enable the student to develop the expertise in research and its application in achieving excellence in their profession.

4) Advantages of the Course: This course is useful for research in geography. By studying different papers students will become perfect in geographical study. It is useful for further research like Ph. D.

5) Duration of the Course: One and half year.

6) Eligibility of the Course: M.A./[M.Sc.in](#) Geography with minimum 55%.

7) Strength of the Students: 20

8) Fees for Course: As per the rules and regulations of UGC/Parent University/College.

9) Period of the Course: As per the rules and regulations of UGC/Parent University/College.

10) Admission/Selection: Entrance Test conducted by Parent University.

Procedure

- 11) Teacher's Qualification:** The teacher recognized as PG Teacher in the subject will be qualified to teach the paper I and the paper II for paper III and IV (study of special field) and for guiding dissertation teachers with Ph.D. in the particular subject shall be held eligible.
- 12) Standard of Passing:** As per the rules and regulations of UGC/ Parent University/College.
- 13) Nature of Question Paper:** As per the university and college norms
Paper and Scheme of Marking
- 14) One CD of the Final:** Attached herewith (Annexure-I).
**Syllabus Along with Two
Hard Copies of the Course**
- 15) List of Books:** Included in syllabus of each paper/course.
Recommended
- 16) List of Laboratory:** Attached herewith (Annexure-II).
**Equipment's, Instruments,
Measurements, etc.**
- 17) Rules, Regulations and:** As per UGC/University/College.
Ordinance if Any
- 18) Medium of the Language:** English and Marathi
- 19) Structure of the Course:** Attached herewith (Annexure-III).
- 20) Allotment of Workload:** As per the rules and regulations of UGC/University/College
(Theory and Practical)

21) Staffing Pattern: As per the rules and regulation of UGC/University/College.

22) Intake Capacity of Students: 20

23) Paper Duration: Each theory paper is of 100 periods.

24) To Be Introduced From: From June

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M. Phil. Geography

Course Code- P-REM-101

Course Title - Research Methodology –I (Compulsory)

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

Objectives:

- To enable to student to understand and work with methods and concepts related to
- Research.
- To enable the student to develop research proposal and to work with research problem
- To develop broad comprehension of research area.

Unit-I: Introduction:

- 1) Meaning, concept, nature, steps, types and their characteristics.
- 2) Approaches and theories of paradigm and theirs implications in research.
- 3) Philosophical and sociological foundations of research.
- 4) Interdisciplinary approach and its implications in various research area.

Unit-II: Methods of Research:

- Qualitative and quantitative methods of research like-
- 1) Historical, case study, ethnography, ex-post facto, documentary and content analysis, survey (Normative, descriptive, evaluative etc.), field and laboratory experimental studies.
- 2) Characteristics of methods and their implications in research area

Unit-III: Development of research proposal:

- Research proposal and its elements-
- 1) Formulation of research problem-criteria of sources and definition.

- 2) Development of objectives and characteristics of objectives
- 3) Derivation and operationalization of variables.
- 4) Developing assumptions and applications.

Unit-IV: Methods of data collection

- 1) Concept of sampling and other concepts related to sampling
- 2) Probability and non-probability samples, their characteristics and implications
- 3) Tools of data collections, their types, attributes and uses
- 4) Redesigning, research tools-like-questionnaire, opinnaere, observation, Interviews, scales and tests etc.

Unit-V: Methods of data analysis

- 1) Analysis of qualitative data based on various tools.
- 2) Analysis of quantitative data and it presentation with tables, graphs etc.
- 3) Statistical tools of data analysis - measures of central tendency, dispersion, relative position etc.
- 4) Decision making with hypothesis testing through parametric and non-parametric tests.
- 5) Validity aid delimitations of research findings

Unit-VI: Report writing and evaluations

- 1) Principles of report writing and guidelines according to style manuals.
- 2) Writing and presentation of preliminary, main body and reference section of report
- 3) Evaluation of research report.

Home assignment: How to submit research proposals? How to file patents?

Reference:

- 1) Kothari, C. R. (2005) quantitative Techniques, New Delhi, Vikas Publishing house.
- 2) Gautam, N. C. (2004) Development of Research tools, New Delhi, Shree Publishers.
- 3) Gupta. Santosh (2005) Research methodology and statistical Techniques, Deep and Deep Publications.
- 4) Chandra, A. and Saxena T. P. (2000) Style manual. New Delhi, Metropolitan Book Comp. Ltd.
- 5) Shukla, J, J. (1999) Theories of knowledge, Ahemadabad, Karnavati Publication.
- 6) Bhattacharya, D. K. (2004) Research Methodology, New Delhi, Excel Books.
- 7) Brymann, Alan and Cramer, D. (1995) Qualitative data analysis for social scientist, New York,Routledge Publications,
- 8) Best, J. W. and ICahn J. V. (2005) Research introduction New Delhi, PHI.
- 9) Creswell J. W. (1994) Qualitative Appioch, New Delhi, Sage Publication.

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Course Code- P-IT-102

Course Title - Information Technology -II (Compulsory)

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

- 1) Knowing basics of computers for research applications
- 2) Introduction to Operating Systems
 - i) MS Windows
 - ii) Linux
- 3) Introduction to software
 - i) Application software
 - ii) Software related to research
- 4) Using Internet for research
 - i) Internet ethics and information reliability
 - ii) Finding authenticated information on www
 - iii) Finding research related resources on www
 - iv) Knowing research journals on www
- 5) Introduction to research related software
 - i) Statistical data analysis software: SPSS. MS-Excel
 - ii) Core calculations software: Mata-lab
- 6) Developing utility programs for research Programming languages C. Fortran

7) Research related tools and utilities

- i) Research publishing tools: MS-Word, Adobe Acrobat, LaTeX etc.
- ii) Graphic tools: MS-Excel (Graphs). Hayward Graphics
- iii) Presentation tools: MS-Power Point
- iv) Subject/field specific research tools on WWW (Freeware)

8) Introduction to advance research IT related technologies

- i) Simulation
- ii) Modeling
- iii) Cluster Computing

Home assignment: Study of at least two software associated with concern subject.

Reference:

- Search Internet for appropriate information and references.

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M. Phil. Geography

Course Code- P-AGG-103-A

Course Title - Recent Advances in Agricultural Geography

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

- 1) Approaches to the study of agricultural Geography: commodity, systematic and regional approach.
- 2) Determinants of agricultural land use; Physical, economic, social and technological.
- 3) Selected agricultural concepts and their measurements; cropping pattern, crop concentration, crop intensity, diversification and specialization, efficiency and productivity, crop combination regions and development.
- 4) Theories of agricultural location: Von Thunen and its recent modifications, Whittlesy's classification of agricultural regions. Land use and land capability.
- 5) Contemporary issues: Food, nutrition and hunger, Food security, drought and food security. Environmental impact on agriculture; Employment in the agricultural sector, landless aborers, woman, children.

Suggested Readings:-

- 1) Bayliss Smith, T.P.: - The Ecology of Agricultural Systems. Cambridge University Press, London, 1987.
- 2) Berry, B.J.L. et. AL: The Geography of Economic Systems. Prentice Hall, New York, 1976.
- 3) Brown, L.R.: The Changing World Food Prospects- The Nineties and Beyond, World Watch Institute, Washington D.C., 1990.
- 4) Dyson, T.: Population and Food-Global Trends and Future Prospects. Routledge, London, 1996.

- 5) Gregor, H.P.: Geography of Agriculture, Prentice Hall, New York, 1970,
- 6) Grigg, D.B.: The Agricultural Systems of the World. Cambridge University Press. New York 1974.
- 7) Hartshorn, T.K and Alexander, J.W.: Economic Geography. Prentice Hall, New Delhi, 1938.
- 8) Mannion, A.M.: Agriculture and Environment Change. John Wiley, London, 1995.
- 9) Morgan W.B. and Norton, R.J.C.: Agriculture Geography. Mathuen, London, 1971.
- 10) Morgan, W.B.: Agriculture in the Third World-A Spatial Analysis. Westview Press, Moulder, 1978.
- 11) Saner, C.O: Agriculture Origins and Dispersals. M.I.T. Press, Mass, U.S.A.1969.
- 12) Singh, J. and Dhillon, S.S.: Agriculture Geography. Tata McGraw Hill Pub., New Delhi, 1988.
- 13) Tarrant, J.R.: Agricultural Geography. Wiley, New York, 1974.

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M. Phil. Geography

Course Code- P-SEG-103-B

(OR PAPER)

Course Title - Recent Advances in Settlement Geography-III

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

- 1) Evolution of rural settlements and Place names.
- 2) Growth, stagnation, decline and dissolution; Size, space and distribution; types and patterns of rural settlements.
- 3) Distribution and spacing of towns: Central place theory, Centrality and growth pole concept.
- 4) Demographic characteristics of towns. Functional classification of towns.
- 5) Rural-urban fringe, urbanization and urban problems.

Suggested Readings:

- 1) Alam, S.M. et. al: Settlement system of India, Oxford and IBH Publication Co, New Delhi, 1982.
- 2) Brock, J.O.M. and Welb, J.W.; Geography of Mankind. McGraw Hill, London, 1978.
- 3) Chisholm, M.: Rural Settlements and Land Use, John Wiley, New York, 1967
- 4) Clout, H.O.: Rural Geography, Pergamon, Oxford, 1977.
- 5) Daniel, P. and Hopkinson, M.: The Geography of Settlement, Oliver & Boyd, Edinburgh, 1986.
- 6) Grover, N.: Rural Settlements A Cultural Geographical Analysis, Inter-India Publication, Delhi, 1985.

- 7) Hudson, F.S.: A Geography of Settlement, MacDonal & Evans.,, New York, 1976.
- 8) Mitra, A.; Report on Mouse Types and Village Settlement Patterns in India. Publication Development, Govt. of India, Delhi 1960.
- 9) Ramchandran, FL: Vjilagc Clusters and Rural Concept Publication, New Delhi, 1985.
- 10) Rao, H.N.: Strategy for Integrated Rural Development. B.R. Publication Cor. Delhi, 1986.
- 11) Rappoport, A.: House Form and Culture, Prentice Hall, New J Jersey, 1969,
- 12) Sen, L.K. (ed): Readings in Micro-level Planning and Rural Growth Centres National Institute of Community Development, Hyderabad, 1972.
- 13) Srinivas, M.N.: Village India, Asia Publication House, Bombay, 1968.
- 14) Wanmali, S.: Service Centres in Rural India, B.R. Publication Cor., New Delhi, 1983.
- 15) Alam. S.M.: Hyderabad- Secynderabad Twin Cities Asia Publishing House, Bombay, 1964.
- 16) Berry, B.L. and Horton F.F.: Geographic Perspectives on Urban Systems, Prentice Hall, Englewood cliffs, New Jersey, J970.
- 17) Carter: The Study of Urban Geography, Edward Arnold Publishers, London, 1972,
- 18) Chorley, R.J.O., Haggett P. (ed): Models in Geography, Methuen, London, 1966.
- 19) Dickinson, R.E.: City and Region, Routledge, London, 1961
- 20) Gibbs J.P.: Urban Research Methods D. Van Nostrand Co.Inc. Princleron, New Jersey. 1961.
- 21) Hall P: Urban and Regional Planning, Routledgc, London, (992).
- 22) Hauser, Philip M. and Schnore Leo F. (ed): The. Study of Urbanization, Wiley, New York, 1965.
- 23) James, P M. And Jones C.F. (eds): American Geography Inventory and Prospect, SyracuseUniversity Press, Syracuse, 1954.
- 24) Kundu, A.: Urban Development and Urban Research in India, Khanna Publication, 1992.
- 25) Meyor, II.M. Kohn C.F. (eds.): Readings in Urban Geography University of Chicago Press, Chicago, 1955.
- 26) Mumofor L: Culture of Cities, McMillan & Co., London, 1958.

- 27) Nangia, Sudesh Delhi Metropolitan Region: A study in settlement geography, Rajesh Publication, 1976.
- 28) Rao V.L.S.P. Urbanization in India: Spatial Dimensions. Concept Publishing Co., New Delhi Concept, New Delhi.
- 29) Rao V.L.S.P. The Structure of an Indian Metropolis: A study of Bangalore Alliee Publishers Bangalore, 1979.
- 30) Simailes A.E.: The Geography of towns, Iluchinnson, London,
- 31) Tewari, Vinod K, Jay A. Weinstein, VLS Prakasa Rao (editors) Indian Cities: Ecological Perspectives Concept, 1986

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M. Phil. Geography

Course Code- P-POG-104-A

Course Title Recent Advances in Population Geography-IV

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

- 1) Approaches to study population Geography.
- 2) Determinants of population distribution: Physical & cultural, Population distribution: Density of population and its types.
- 3) Tools and techniques used in population Geography.
- 4) Population growth theories; Malthus, Optimum and Demographic transition theory- stages, consequences and space time dimensions.
- 5) Determinants of population migration; Laws of migration, major migration streams of India and world.
- 6) Population projections with special reference to India.

Suggested Readings:

- 1) Bogue, D.J. Principles in Demography, Johan Wiley, New York, 1969.
- 2) Bose, Ashish et al.: Population in India's Development (1947-2000); Vikas Publishing House, New Delhi, 1974.
- 3) Census of India, India: A State Profile, 1991.
- 4) Chandna, R.C., Geography of Population; Concept, Determinants and Patterns, Kalyani Publishers, New York 2000.
- 5) Clarke, John I., Population Geography, Pergmon Press, Oxford 973.

- 6) Crook, Nigel Principles of Population and Development Pergamon Press, New York 1997.
- 7) Daugherty, Helen Gin, Kenneth C.W.Kammeyir, An Introduction to Population (Second Edition), The Guilford Press, New York, London 1998.
- 8) Garnier, B.J. Geography of Population. Longman, London, 1970
- 9) Kochhar, Rajesh, The Vedic People: Their History and Geography Orient. Longman Ltd., New Delhi, 2000.
- 10) Mamoria, C.B., India's Population Problem, Kitab Mahal, New Delhi 1981.
- 11) Mrtta, Asok, India's Population: Aspects of Quality and Control, Vol.1 & II. Abhinav Publications, New Delhi 1978.
- 12) Permi, M.K., India's Population : Heading Towards a Billion, B.R. Publishing Corporation, 1991.
- 13) Srinivasan, K. and M. Vlassoff. Population Development Nexus in India Challenges for the New Millennium. Tata McGraw-Hill, New Delhi 2001.
- 14) Srinivasan, K. Basic Demographic Techniques and Applications Sage Publications, New Delhi 1998.
- 15) Sundaram K.V. and Sudesh Nangia, (ed). Population Geography, Heritage Publications, Delhi 1986.
- 16) UNDP: Human Development Report. Oxford University Press, Oxford 2000.
- 17) Woods, R. Population Analysis in Geography. Longman, London 1979.

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M. Phil. Geography

Course Code- P-RAT-104-B

(OR PAPER)

Course Title - Recent Advances in Tourism-IV

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

- 1) Concept of Tourism. Factors influencing tourism. Types of Tourism and tourism patterns in India.
- 2) Determinants of Tourism patterns in Maharashtra with special reference to Marathwada.
- 3) Impact of Tourism - Environmental and socio cultural.
- 4) Tourism development policies and tourism development problems in India.
- 5) The role of Transport and communication facilities in the development of tourism.

Suggested Readings:

- 1) Bhatia A.K.: tourism Development: Principles and practices. Sterling Publishers, New Delhi 1996.
- 2) Bhatiya, A.K.: International Tourism-Fundamental and Practices, Sterling, New Delhi, (1991).
- 3) Chandra R.U.: Hill Tourism: Planning and Development, Kanishka Publishers, New Delhi, 1998.
- 4) Hunter C and Green H: Tourism and the Environment: A Sustainable Relationship Routledge, London, 1995,

- 5) Inskip. E: *Tourism Planning: An Integrated and Sustainable Development Approach*, Van Nostrand, and Reinhold, New York, 1991.
- 6) Kaul R.K. *Dynamics of Tourism & Recreation*. Inter-India, New Delhi, 1985.
- 7) Lea J.: *Tourism and Development in the Third World*, Routledge, London, 1988. I
- 8) Milton D.: *Geography of World Tourism*. Prentice. Hall, New Work, 1993.
- 9) Pearce P.O.: *Tourism To-day: A Geographical Analysis*, Harlow, Longman, 1987.
- 10) Robinson, H.A *Geography of Tourism*. Maedonald and Evans, London, 1996.
- 11) Sharma J.K.(ed.): *Tourism Planning and Development-A new perspective*, Kanishka Publishers,
- 12) Shaw G. and Williams A.M.: *Critical issues in Tourism A Geographical Perspective*, Oxford, Blackwell 1994.
- 13) Sinha P.C.(ed.): *Tourism Impact Assessment*, Anmol Publishers, New Delhi, 1998.
- 14) Theobald W.(ed.): *Global Tourism: The Next decade*, Oxford, Butterwothe Heinemann, Oxford, 1994. New Delhi, 2000.
- 15) Voase R.: *Tourism: The Human Perspective I* (odder & Sloughton, London, 1995.
- 16) Williams A.M. And Shw G.(eds.): *Tourism and economic Development- Western European Experiences*, Belhaven, London.
- 17) Willams Stephen : *Tourism Geography*, Routledge, contemporary Human Geography, London, 1998.

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M. Phil. Geography

Course Code- P- DER 105

Course Title - Dissertation

Max. Marks: 100

Credits: 05

Total Lectures: 100

Practical: 00

HEAD

Department of Geography

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