

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

**Syllabus**

**M. Phil Geography**  
**(Under the Academic Autonomous States)**

**(Theory Pattern)**

**w.e.f. June, 2013**

**1) Introduction:**

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

**2) Title of the Course: M.Phil.**

**3) Objectives of the Course:**

- i. To Impact analytical skills and theoretical understanding among the students in geography.
- ii. 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 Procedure** : Entrance test Conducted by parent university.
- 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 and Scheme of Marking** : As per the University and College norms.
- 14) One CD of the final syllabus** : Attached Herewith (Annexure – I)

along with two hard copies of  
the Course

- 15) List of Books Recommended** : Included in syllabus of each paper/course.
- 16) List of Laboratory Equipments, Instruments, Measurements etc.** : Attached Herewith (Annexure –II)
- 17) Rules, Regulations and Ordinance if Any** : As per UGC/University/College.
- 18) Medium of the Language** : English and Marathi
- 19) Structure of the Course** : Attached herewith (Annexure – III)
- 20) Allotment of Workload (Theory and Practical)** : As per the rules and regulations of UGC/University/College.
- 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 2013.

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**M.Phil Geography**  
**Theory Pattern**  
**Curriculum**

<b>Course Code</b>	<b>Course Title</b>	<b>Lectures</b>	<b>Marks</b>	<b>Credits</b>
MP 101	Research methodology	100	100	05
MP 102	Information Technology	100	100	05
MP 103	Recent Advances in Agricultural Geography OR Recent Advances in Settlement Geography	100	100	05
MP 104	Recent Advances in Population Geography OR Recent Advances in Tourism	100	100	05
MP 105	Dissertation	100	100	05
<b>Total</b>			<b>500</b>	<b>25</b>

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**M.Phil Geography**

Course Code	Course Title	Lect. Per Week	Marks			Duration of Examination
			Internal	External	Toal	
MP 101	Research methodology	04	20	80	100	03 Hour
MP 102	Information Technology	04	20	80	100	03 Hour
MP 103	Recent Advances in Agricultural Geography OR Recent Advances in Settlement Geography	04	20	80	100	03 Hour
MP 104	Recent Advances in Population Geography OR Recent Advances in Tourism	04	20	80	100	03 Hour

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.

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**M.Phil Geography**  
**Course Code – P-REM-101**

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**Course Title – Research Methodology – I (Compulsory)**

<b>Max. Marks</b>	<b>: 100</b>	<b>Credits</b>	<b>: 05</b>
<b>Total Lectures</b>	<b>: 100</b>	<b>Practical</b>	<b>: 00</b>

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**Learning Objectives:**

- 1) To enable the students to understand and work with methods and concepts related to research.
- 2) To enable the students to develop research proposal and to work with research problem.
- 3) To develop broad comprehension of research area.

**Course Outcomes:**

- 1) Students can understand the concepts and methods of research.
  - 2) Students are able to develop research proposal and can work with problems.
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**Unit – I : Introduction :**

- Meaning, concept, nature, steps, types and their characteristics.
- Approaches and theories of paradigm and their implications in research.
- Philosophical and sociological foundation of research.
- Interdisciplinary approach and its implications in various research area.

**Unit – II : Methods of Research :**

Qualitative and quantitative methods of research like:

- Historical, Case study, ethnography, ex-post facto, documentary and content analysis, survey (Normative, Descriptive, Evaluative etc.), field and laboratory experimental studies.
- Characteristics of methods and their implications in research area.

**Unit – III : Development of Research Proposal :**

Research Proposal and its elements:

- Formulation of Research problem – criteria of sources and definition.
- Development of objectives and characteristics of objectives
- Derivation and operationalisation of variables.
- Developing assumptions and applications.

#### **Unit – IV : Methods of data collection :**

- Concept of sampling and other concepts related to sampling
- Probability and non-probability samples, their characteristics and implications
- Redesigning, research tools like questionnaire, opinionnaire, observation, interviews, scales and tests etc.

#### **Unit – V : Methods of data analysis :**

- Analysis of qualitative data based on various tools.
- Analysis of quantitative data and its presentation with tables, graphs etc.
- Statistical tools of data analysis – measures of central tendency, dispersion, relative position etc.
- Decision making with hypothesis testing through parametric and non parametric tests.
- Validity and delimitations of research findings

#### **Unit – VI : Report writing and evaluations :**

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

**Home Assignment :** How to submit research proposal? How to file patents?

#### **Reference :**

- Kothari, C.R. (2005) quantitative techniques, New Delhi, Vikas Publishing house.
- Gautam, N.C. (2004) Development of Research tools, New Delhi, Shree Publishers.
- Gupta, Santosh (2005) Research Methodology and Statistical Techniques, Deep and Deep Publications.
- Chandra, A. and Saxena T.P. (2000) Style manual. New Delhi, Metropolitan Book Comp. Ltd.
- Shukla, J.J. (1999) Theories of Knowledge, Ahmedabad, Karnavati Publication.
- Bhattacharya, D.K. (2004) Research Methodology, New Delhi, Excel Books.
- Brymann, Alan and Cramer, D. (1995) Qualitative data analysis for social scientist, New York, Routledge Publications.
- Best J.W. and Ichn J.V. (2005) Research Introduction New Delhi, PHI.
- Creswell J.W. (1994) Qualitative Approach, New Delhi, Sage Publication.

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**M.Phil Geography**  
**Course Code – P-REM-102**

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**Course Title – Information Technology – II (Compulsory)**

<b>Max. Marks</b>	<b>: 100</b>	<b>Credits</b>	<b>: 05</b>
<b>Total Lectures</b>	<b>: 100</b>	<b>Practical</b>	<b>: 00</b>

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**Learning Objectives:**

- 1) To introduce application of computer in research area of Geography.
- 2) To introduce the various software's and its uses in research.

**Course Outcomes:**

- 1) Students aware about the computer application in research.
  - 2) Students know the software's and its application in research.
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- 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) Interest ethics and information reliability
  - ii) Finding authenticated information on www
  - iii) Finding research related journals 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, La Tex 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 a least two software's associated with concern subject.

**Reference :** Search Interest for appropriate information and references.

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**M.Phil Geography**

**Course Code – P-AGG-103 -A**

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**Course Title – Recent Advantages in Agricultural Geography-III**

**Max. Marks : 100**

**Credits : 05**

**Total Lectures : 100**

**Practical : 00**

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**Learning Objectives:**

- 1) To enable to students to understand about various concepts in Agricultural research.
- 2) To identify the agricultural Issues relating to the development of agriculture.
- 3) To understand the role and relationship between agriculture and population growth.

**Course Outcomes:**

- 1) Students aware about the agricultural problems.
  - 2) Students able to understand the importance of soil resources.
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1. Approaches to the study of Agricultural Geography : Commodity, Systematic and Regional
2. Determinants of Agricultural land use : Physical, Economic, Social and Technological.
3. Selected Agricultural concepts and their measurements : Copping pattern, Crop concentration, Crop intensity, diversification and specialization, efficiency and productivity, crop combination regions and development.
4. Theories of agricultural Location : Vou Thunen and its recent modifications, Whittlesy's classification of agricultural regions, Landuse 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 laborers, women, 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. Hartson, 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, RJC : Agriculture Geography. Mathuen, London, 1971.
10. Morgan, W.B. : Agriculture in the third world- A spatial Analysis. Westvies 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-ASG-103-A**  
**(OR Paper)**

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**Course Title – Recent Advantages in Settlement Geography-III**

<b>Max. Marks</b>	<b>: 100</b>	<b>Credits</b>	<b>: 05</b>
<b>Total Lectures</b>	<b>: 100</b>	<b>Practical</b>	<b>: 00</b>

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**Learning Objectives:**

- 1) To introduce the concepts and method in research of settlement geography.
- 2) To evaluate the association between demography, physiographic and the development of settlement patterns.

**Course Outcomes:**

- 1) Students aware about the concepts and methods in settlement geography.
  - 2) Students able to evaluate the association between demography, physiographic and the development of settlement patterns.
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1. Evaluation of rural settlements and place names
2. Growth, stagnation, decline and dissertation, 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. Tit : Settlement system of India, Oxford and IBH publication Co, New Delhi, 1982.
2. Brock, J.O.M. and Weld, J.M. Geography of Mankind, McGraw Hill, London, 1978;
3. Chishlom, M.: Rural Settlements and Land use, John Wiley, new York, 1967.
4. Clout, H.D. : Rural Geography, Permago, Oxford, 1977.
5. Daniel, P and Hopkinson, M : the Geography of Settlement, Oliver & Byod, Edinburgh, 1986.
6. Grover, N : Rural Settlements – A Cultural Geographical Analysis, Inter- India Publication, Delhi 1985.
7. Hudson, F.S. : A Geography of Settlement, MacDonald & Evans, New York. 1976
8. Mitra A : Report on Mouse Types and Village Settlement Pattern in India. Publication Development, Govt. of India, Delhi 1960.

9. Ramchandran, FL : Village Clusters and Rural Concept Publication, New Delhi, 1985.
10. Rao, H.N.: Strategy for Integrated Rural Development. B.R. Publication Cor. Delhi, 1986.
11. Rapoport, A : House Form and Culture, Prentice Hall, New J Jersey, 1969.
12. Sen, L.K. (ed) : Readings in Micro-level planning and Rural Growth Centers National Institute of Community Development, Hydrabad, 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, 1968.
15. Alam. S.M. : Hyderabad – Secunderabad Twin Cities Asia Publishing House, Bombay, 1964.
16. Berry, B.J.L. and Horton F.F. Geography Perspectives on Urban Systems, Prentice Hall, Englewood Cliffs, New Jersey, 1970.
17. Carter : The Study of Urban Geography, Edward Arnold Publiser, London, 1972.
18. Chorley, R.J.O, Hagget 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 jerswey 1961
21. Hall P : : Urban and Regional Planning, Routledge, London, 1992
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, Syracuse University Press, Syracuse, 1954.
24. Kundu A : Urban Development and Urban Research India, Khanna Publication, 1992.
25. Meyor, II M. Kohn C.F. (eds) : Readings in Urban Geography University Chicago Press, Chicago. 1955.
26. Mumfor L : Culture of Cities, McMillan & co, London, 1958.
27. Nangia, Sudesh Delhi Metropolitan Region : A Study in settlement geography, Rjesh Publication, 1976
28. Rao V.LSP : Urbanisation in India : Spatial Dimensions.
29. Rao VLSp : The Stucture of an Indian Metropolis : A Study of Bangalore Alliee Publishers Bangalore, 1979.
30. Similes A.E. : The Geography of Towns, Iluchinnson, London
31. Tewai, vinod K, jay A. Weinstein, VLS Prakasa Rao(editors) Indian Cities : Ecological Perspective Concepts, 1986.

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**M.Phil Geography**

**Course Code – P-POG-104-A**

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**Course Title – Recent Advances in Population Geography-IV**

**Max. Marks : 100**

**Credits : 05**

**Total Lectures : 100**

**Practical : 00**

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**Learning Objectives:**

- 1) To introduce the Advance methods in the study of dimensions of population.
- 2) To evaluate the association between demographic and Socio- economic development in population geography.

**Course Outcomes:**

- 1) Students aware about the advance methods in the study of population.
  - 2) Students able to understand the development in population geography.
- 

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, Ashsish, etal. : Population in India's Development (1947-2000) Vikas Publishing House, New Delhi, 1974.
3. Census of 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 1973.
6. Crook, Ngel Principles of Population and Development Pergmon Press, new York 1997.
7. Daugherty, Helen Gin, Kenneth C.W. Kammeyir, An Introduction to Population (Second Edition), The Guilfor Press, New York, London 1998.
8. Garnier, 3J. Geography of Population. Longmant, 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. Mrta, Asok, India's Population : Aspects of Quality and Control, Vol. 1 & II. Abhinav Publications, New Delhi.
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 Sudosh 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-A**  
**(OR Paper)**

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**Course Title – Recent Advantages in Tourism -IV**

<b>Max. Marks</b>	<b>: 100</b>	<b>Credits</b>	<b>: 05</b>
<b>Total Lectures</b>	<b>: 100</b>	<b>Practical</b>	<b>: 00</b>

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**Learning Objectives:**

- 1) To introduce the concepts and methods in the research of Tourism Geography.
- 2) To elaborate the pattern of tourism in India and its development.

**Course Outcomes:**

- 1) Students familiar about concepts and methods in the research of Tourism Geography
  - 2) Students understand the pattern of tourism in India and its development.
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1. Concept of Tourism. Factors influencing tourism. Types of Tourism and tourism pattern 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. Bhatia 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, Routledgs, London, 1988.
8. Milton D : Geography of World tourism. Prentice. Hall, new York, 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, new delhi, 2000
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, Oxfordm 1994.
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, Routledgs, contemporary Human Geography, London, 1998.

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**M.Phil Geography**  
**Theory Pattern**  
**Curriculum**

<b>Course Code</b>	<b>Course Title</b>	<b>Lectures</b>	<b>Marks</b>	<b>Credits</b>
MP 101	Research methodology	100	100	05
MP 102	Information Technology	100	100	05
MP 103	Recent Advances in Agricultural Geography OR Recent Advances in Settlement Geography	100	100	05
MP 104	Recent Advances in Population Geography OR Recent Advances in Tourism	100	100	05
MP 105	Dissertation	100	100	05
<b>Total</b>			<b>500</b>	<b>25</b>

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**M.Phil Geography**

Course Code	Course Title	Lect. Per Week	Marks			Duration of Examination
			Internal	External	Toal	
MP 101	Research methodology	04	20	80	100	03 Hour
MP 102	Information Technology	04	20	80	100	03 Hour
MP 103	Recent Advances in Agricultural Geography OR Recent Advances in Settlement Geography	04	20	80	100	03 Hour
MP 104	Recent Advances in Population Geography OR Recent Advances in Tourism	04	20	80	100	03 Hour

4. Internal marks will be divided as follows
  - c. One Seminar : 10 marks
  - d. One Assignment : 10 Marks
5. Unit Test : No Unit Test for any theory paper.
6. Candidates can submit their Dissertation after theory examination.