या परिपक्वक्रम्ये सर्व संबंधिताना कठिनाव्यात येते की, दिनांक ३० एप्रिल २०१९ रोजी संपन्न झालेल्या ४३व्या माहिती परिषद बैठकातील ऐनवेळ्या विषय कृ.५/४३—२०१९ व्या ठरावासारें प्रस्तुत विद्यापीठाच्या मानवविज्ञान विद्याशाखस्तील हायटील विषयाचा अभ्यासक्रम शैक्षणिक वर्ष २०१९—२० पासून लागू करण्यात येत आहे.

१) एम.फिल.—भूगोल

सदरील परिपक्व व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या www.srtmun.ac.in या संकेत—स्थळावर उपलब्ध आहे. तरी सदरील बाबा ही सर्व संबंधिताच्या निर्देशनासाठी आपूर्त दावी.

ज्ञाननीति परिषद,

विश्वनाथ, नांदेड — ४३९ ६०६.

जा.क्र.: शैक्षणिक—०९/परिपक्व/एम.फिल.(भूगोल)

अभ्यासक्रम/२०१९—२०/६९

दिनांक : १७.०६.२०१९.

प्रत माहिती व पुढील कार्यवाहीस्तर : 

१) मा. कुलसिंच यांचे कार्यालय, प्रस्तुत विद्यापीठ.
२) मा. संवादक, परीक्षा व मूल्यांकन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
३) मा. प्राचार्य, सर्व संबंधित संस्थानांना महाविद्यालयांमध्ये, प्रस्तुत विद्यापीठ.
४) उपकुलसिंच, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
५) साहित्यक गुरुसिंच, पादरी विभाग, प्रस्तुत विद्यापीठ.
६) सिस्टेम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ.
RULES AND SYLLABUS

M.Phil. in Geography

(with effect from June 2019)

“Dnyanteerth”, Vishnupuri, Nanded-431606
## Swami Ramanand Teerth
### Marathwada University, Nanded

## M. Phil. Syllabus

<table>
<thead>
<tr>
<th>Paper Code</th>
<th>Paper Title</th>
<th>Lecturer Per week</th>
<th>Total No. of Lectures</th>
<th>Internal Exam.</th>
<th>University Exam.</th>
<th>Total Marks</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MI-101</td>
<td>Research Methodology</td>
<td>04</td>
<td>90</td>
<td>25</td>
<td>75</td>
<td>100</td>
<td>04</td>
</tr>
<tr>
<td>MP-102</td>
<td>Information Technology</td>
<td>04</td>
<td>90</td>
<td>25</td>
<td>75</td>
<td>100</td>
<td>04</td>
</tr>
<tr>
<td>MGG-103</td>
<td>Recent Advances in Agricultural Geography OR Recent Advances in Population Geography</td>
<td>04</td>
<td>90</td>
<td>25</td>
<td>75</td>
<td>100</td>
<td>04</td>
</tr>
<tr>
<td>MGG-104</td>
<td>Recent Advances in Settlement Geography OR Recent Advances in Tourism</td>
<td>04</td>
<td>90</td>
<td>25</td>
<td>75</td>
<td>100</td>
<td>04</td>
</tr>
<tr>
<td></td>
<td>Dissertation</td>
<td>-</td>
<td>-</td>
<td>25 (Viva-Voce)</td>
<td>75</td>
<td>100</td>
<td>04</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>16</strong></td>
<td><strong>360</strong></td>
<td><strong>125</strong></td>
<td><strong>375</strong></td>
<td><strong>500</strong></td>
<td><strong>20</strong></td>
</tr>
</tbody>
</table>
1. **Content**

   a) The M. Phil. course comprises four theory papers of hundred (100) marks each. (This includes 75 marks of University examination (UE) and 25 marks of internal examination (IE) for each paper. One seminar of 15 marks and one tutorial of 10 marks will be the mode of internal examination.) The content component of four papers will be prepared by the concerned Board of Studies.

   b) The college/department shall communicate internal marks obtained by the candidate to the University a month before end of the term.

   c) Dissertation will carry 100 marks (Dissertation 75 marks & viva-voce 25 marks). The dissertation will be assessed in grades. Each student will be required to submit three copies of the dissertation. The evaluation report, marks and grade will be sent by the external referee (Other University) well in advance before the date fixed for viva. The viva on the dissertation will be conducted at the place of registration by a committee consisting of two teachers one of whom will be the guide and other will be the external referee.

   d) The M. Phil. course is of 500 marks.

      i) Four theory papers of 100 marks each and

      ii) One dissertation of 100 marks.

   e) Dissertation topic will be finalized by the Chairman of BOS and the concerned guide.
2. a) The M. Phil. examination shall be held in the month of April/May every year.

b) Those candidates who failed in the examination held in April/May in any theory on internal paper will be allowed to appear for the examination which will be held in next April/May.

c) The candidate shall be allowed to submit the dissertation before or after theory examination.

d) If the candidate fails to clear the M. Phil. theory or internal papers within the stipulated period, he/she should appear for the theory of internal examination only as a repeater. However the result of dissertation will be carried forward.

e) The candidate should appear for examination in April/May and he has to submit dissertation within two years after the theory examination. If he/she fails to submit that period, his/her performance in theory examination will be cancelled. The candidate must complete the whole course within three years from the date of registration for M. Phil.

3) Medium of instructions and examinations:
The medium of instructions and examinations will be English.

4) The teacher recognized as a P.G. teacher in the subject will be qualified to teach the papers. And for guiding dissertation, teachers with Ph.D. in the particular subject will be held eligible.

5) Fees

i) Registration Fee : Rs.100/-

ii) Tuition Fee : Rs.5000/-

iii) Laboratory Fee : Rs.300/-

iv) Examination Fee : Rs.500/-

v) Dissertation Fee : Rs.500/-

vi) Concerning College Fee : Rs. on par with M.A. Admission Fee
6) Remunerations:
   i) Theory paper setting remuneration per set Rs.250/-
   ii) Theory examination remuneration Rs.10/- per answer paper.
   iii) Dissertation assessment remuneration Rs.200/-

7) Standard of Passing:
   a) The assessment of the candidates shall be in grades on the seven
      point scale. The candidate should get at least ‘B’ grade in every
      paper and in his/her dissertation and viva-voce in the aggregate.
      He/She should get minimum ‘B’ grade for being eligible for the
      award of M.Phil. Degree.

<table>
<thead>
<tr>
<th>Marks Obtained %</th>
<th>Grade</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-90</td>
<td>A++</td>
<td>10</td>
</tr>
<tr>
<td>89-80</td>
<td>A+</td>
<td>9</td>
</tr>
<tr>
<td>79-70</td>
<td>A</td>
<td>8</td>
</tr>
<tr>
<td>69-60</td>
<td>B++</td>
<td>7</td>
</tr>
<tr>
<td>59-55</td>
<td>B+</td>
<td>6</td>
</tr>
<tr>
<td>54-50</td>
<td>B</td>
<td>5</td>
</tr>
<tr>
<td>49 and less</td>
<td>C</td>
<td>0</td>
</tr>
</tbody>
</table>

A student with ‘C’ grade in a paper would be disqualified for getting a
credit for that paper. The student will however be permitted to reappear for the
said paper.

b) i) The average grade point for each paper or dissertation will be
     calculated up to two places of decimals.

   ii) The assessment of dissertation will be given in marks (out of 75
       marks) and this should be added to the viva-voce test marks (out
       of 25 marks) for calculating the grade.

   iii) At the time of consolidation the grade points of each paper
        worked out according to (i) will be added together up to two
        places of decimals and shown on the result sheet. For giving the

(5)
final grade the grade point average should be rounded off to the
next digit if the fraction is \( \frac{1}{2} \) or more than half.

For Example

<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Theory Marks</th>
<th>Internal Marks</th>
<th>Total</th>
<th>Grade</th>
<th>Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>50</td>
<td>16</td>
<td>66</td>
<td>B++</td>
<td>07</td>
</tr>
<tr>
<td>II</td>
<td>60</td>
<td>12</td>
<td>72</td>
<td>A</td>
<td>08</td>
</tr>
<tr>
<td>III</td>
<td>52</td>
<td>13</td>
<td>65</td>
<td>B++</td>
<td>07</td>
</tr>
<tr>
<td>IV</td>
<td>75</td>
<td>18</td>
<td>93</td>
<td>A++</td>
<td>10</td>
</tr>
<tr>
<td>Dissertation</td>
<td>70</td>
<td>16(Viva-Voce)</td>
<td>86</td>
<td>A+</td>
<td>09</td>
</tr>
</tbody>
</table>

Total = \( \frac{7 + 8 + 7 + 10 + 9}{5} \)

\[ = \frac{41}{5} \]

\[ = 8.20 \text{(A Grade)} \]

vi) The final result will be declared by working out the overall
grades of (a) Written examination (b) Internal (c) Dissertation
and (d) Viva

8) Nature of Question Papers

a) There shall be four questions in each theory papers. The
candidate has to attempt all of them.

b) There should be internal choice to the first three questions and the
question no. 4 will be on short notes (Any two to be attempted
out of four)

c) Meeting will be held for paper seating at the University.

d) There shall be three paper setters for theory papers-two from the
university and one from out of the university.
e) There shall be three examiners for the evaluations of theory papers-two from the University and one from out of the University.

9) **Procedure for Evaluation of Dissertation**

The 48(3) Committee of the concerned subject in consultation with the guide shall submit a panel of referees consisting of at least 05 qualified teachers from outside universities and research institutes, from which the Vice-Chancellor will appoint any teacher of his choice as the referee.

10) **Admission Preferences**

The candidates who have completed their P.G. degree from Swami Ramanand Teerth Marathwada University, Nanded will be preferred first for the admission of M. Phil. course. Then the preference will be given to Dr.B.A.M. University, Aurangabad, and other universities as per the following ratio.

a) S.R.T.M.U. 60%

b) Dr. B.A.M.U. 20% and

c) Other universities 20%

In case of candidate not available from the home University, the quota will be transferred to other universities.
Swami Ramanand Teerth
Marathwada University, Nanded

M. Phil. Syllabus

Paper code: MI-101: Research Methodology

Marks: 100    Credit: 04    Period: 90

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 15

• Meaning, concept, nature steps and their characteristics.
• Approaches and theories of paradigm and theirs implications in research.
• Philosophical and sociological foundations of research.
• Interdisciplinary approach and its implications in various research area.

Unit-II : Methods of Research 15

Qualitative and quantitative methods of research like
• Historical, caste 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 15

• Research proposal and its elements.
• Formulation of research problem-criteria of sources and definition
• Development of objectives and characteristics of objectives
• Derivation and operational of variables.
• Developing assumptions and applications

Unit-IV : Methods of Data Collection 15

• Concept of sampling and other related to sampling
• Probability and non-probability samples, their characteristics and implications
• Tools of data collections, their types, attributes and uses
• Redesigning, research tools like-questionnaire, opinnaire, 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 it 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 proposals ? How to file patents?

Reference
• Best, J.W. and Khan J.V. (2005) Research Introduction, New Delhi, PHI  
<table>
<thead>
<tr>
<th>Unit-I</th>
<th>Knowing basics of computers for research applications</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit-II</td>
<td>Introduction of Operating Systems</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>i) MS Windows</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Linux</td>
<td></td>
</tr>
<tr>
<td>Unit-III</td>
<td>Introduction to Software</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>i) Application Software</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Software related to research</td>
<td></td>
</tr>
<tr>
<td>Unit-IV</td>
<td>Using Internet for Research</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>i) Internet ethics and information reliability</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Finding authenticated information on www</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Finding research related sources on www</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iv) Knowing research journals on www</td>
<td></td>
</tr>
<tr>
<td>Unit-V</td>
<td>Introduction to research related software</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>i) Statistical data analysis software : SPSS, MS-Excel</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Core calculations software : Mata-lab</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) GIS</td>
<td></td>
</tr>
<tr>
<td>Unit-VI</td>
<td>Developing utility programs for research</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Programming languages C, Fortran</td>
<td></td>
</tr>
<tr>
<td>Unit-VII</td>
<td>Research related tools and utilities</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>i) Research publishing tools : MS-Word, Adobe Acrobat, LaTex etc.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Graphic Tools : MS-Excel (Graphs), Hyward Graphics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Presentation tools MS-Powerpoint</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iv) Subject/field specific research tools on WWW (Freeware)</td>
<td></td>
</tr>
<tr>
<td>Unit-VIII</td>
<td>Introduction to advance research IT related technologies</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>i) Simulation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii) Modeling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>iii) Cluster Computing</td>
<td></td>
</tr>
</tbody>
</table>

**Home Assignment:**
Study of at least two softwares associated with concern subject.
Reference
1) Search internet for appropriate information and references.
2) Computer Fundamentals – Pradip K. Singh & Priti Singha
3) The Internet : A users guide – K.L. James (PHI)
4) Internet Research Skill-Niall O’ Dochartanish (Sage Publication)
6) Programme in ‘C’ – E. Balagurusamy
7) Principles of Remote Sensing & Image Interpretation-Lilly Sand & Keifer
   (Tata McGraw Hill)
8) GIS – Harbert R. Mann.
### M. Phil. Syllabus

**Paper code: MGG-103 : Recent Advances in Agriculture Geography**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Title</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit-I</td>
<td>Approaches to the study of agricultural Geography: Commodity, systematic and regional approach.</td>
<td>15</td>
</tr>
<tr>
<td>Unit-II</td>
<td>Determinants of agricultural landuse: Physical, economic, social and technological</td>
<td>15</td>
</tr>
<tr>
<td>Unit-III</td>
<td>Selected agricultural concepts and their measurements: cropping pattern, crop concentration, crop intensity, diversification and specialization, efficiency and productivity, crop combination regions and development.</td>
<td>20</td>
</tr>
<tr>
<td>Unit-IV</td>
<td>Theories of agricultural location: Von Thunsen and its recent modifications, Whittlesy’s classification of agricultural regions, Landuse and land capability.</td>
<td>20</td>
</tr>
<tr>
<td>Unit-V</td>
<td>Contemporary issues: Food, nutrition and hunger. Food security drought and food security. Environmental impact on agriculture. Employment in the agricultural sector, landless laborers, woman, children.</td>
<td>20</td>
</tr>
</tbody>
</table>
Suggested Readings

**Swami Ramanand Teerth**  
**Marathwada University, Nanded**  
**M. Phil. Syllabus**  

**Paper code: MGG-103 : Recent Advances in Population Geography**  
**Marks : 100**  
**Credit : 04**  
**Period : 90**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Topic</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit-I</td>
<td>Approaches to study population Geography</td>
<td>10</td>
</tr>
<tr>
<td>Unit-II</td>
<td>Determinants of population distribution:</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Physical &amp; cultural, population distribution:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Density of population and it’s types.</td>
<td></td>
</tr>
<tr>
<td>Unit-III</td>
<td>Tools and techniques used in population Geography.</td>
<td>15</td>
</tr>
<tr>
<td>Unit-IV</td>
<td>Population growth theories, Malthus, Optimum and demographic transition theory-stages, consequences and space time dimensions.</td>
<td>20</td>
</tr>
<tr>
<td>Unit-V</td>
<td>Determinants of population migration :</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Laws of migration, major migration streams of India and world.</td>
<td></td>
</tr>
<tr>
<td>Unit-VI</td>
<td>Population projections with special reference to India.</td>
<td>10</td>
</tr>
</tbody>
</table>

**Suggested Readings**


## Swami Ramanand Teerth
Marathwada University, Nanded

### M.Phil. Syllabus

<table>
<thead>
<tr>
<th>Paper code: MGG-104 : Recent Advances in Settlement Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marks : 100    Credit : 04   Period : 90</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unit</th>
<th>Topic</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit-I</td>
<td>Evolution of rural settlements and place names</td>
<td>15</td>
</tr>
<tr>
<td>Unit-II</td>
<td>Growth, stagnation, decline and dissertation, size, scope and distribution, types and patterns of rural settlements</td>
<td>20</td>
</tr>
<tr>
<td>Unit-III</td>
<td>Distribution and spacing of towns : Central place theory, centrality and growth pole concept.</td>
<td>20</td>
</tr>
<tr>
<td>Unit-IV</td>
<td>Demographic characteristics of towns. Functional classification of towns</td>
<td>20</td>
</tr>
<tr>
<td>Unit-V</td>
<td>Rural urban fringe, urbanization and urban problems.</td>
<td>15</td>
</tr>
</tbody>
</table>

### Suggested Readings

8. Mitra, A. : Report on House Types and Village Settlement Patterns in India, Publication Department, Govt. of India, Delhi, 1960.
Unit-I
Concept of Tourism. Factors of influencing tourism, Types of the tourism and tourism Patterns in India. 20

Unit-II
Determinants of tourism patterns in Maharashtra with special reference to Marathwada. 20

Unit-III
Impact of tourism – Environmental and socio-cultural 15

Unit-IV
Tourism development policies and tourism development problems in India. 15

Unit-V
The role of transport and communication facilities in the development of tourism. 20

Suggested reading
6) Kaul R.K., Dynamics of Tourism & Recreation. Inter-India, New Delhi, 1985.