

CORE COURSE SYLLABUS FOR SEMESTER-V ✧

GEOA COR11T – Fieldwork and Research Methodology ✧

4 Credits, 50 Marks [60 classes]

Unit I: Research Methodology

1. Research in Geography: Meaning, types and significance.
2. Literature review and formulation of research design.
3. Defining research problems, objectives and hypotheses.
4. Research materials and methods.
5. Techniques of writing scientific reports: Preparing notes, references, bibliography, abstract and Keywords.

Unit II: Fieldwork

6. Fieldwork in Geographical studies: Role and significance. Selection of study area and objectives. Pre-field academic preparations. Ethics of fieldwork.
7. Field techniques and tools: Observation (participant, non-participant), questionnaires (open, closed, structured, non-structured). Interview.
8. Field techniques and tools: Landscape survey using transects and quadrants, constructing a sketch, photo and video recording.
9. Positioning and collection of samples. Preparation of inventory from field data.
10. Post-field tabulation, processing and analysis of quantitative and qualitative data.

GEOACOR11P– Fieldwork and Research Methodology (Lab) ✧

2 Credits, 25 Marks [60 classes]

Every student needs to participate in fieldwork and prepare a field report according to the following guideline, failing which he/she will not be evaluated for Core P11.

- ★ 1. Each student will prepare a report based on primary data collected from field surveys and secondary data collected from different sources.
- ★ 2. Students will select either one rural area (*mouza*) or an urban area (municipal ward) for the study, with the primary objective of evaluating the relation between physical and cultural landscape.
- ★ 3. The fieldwork should be completed within seven days.

- ★ 4. The report should be handwritten in English on A4 size paper in candidate's own words within 5,000 words (Introductory Chapter: 1000 words; Physical Aspects: 1500 words; Socio-economic Aspects: 1500 words; Concluding Chapter: 500 words, approximately) excluding tables, photographs, maps, diagrams, references and appendices.
 - ★ 5. Maps and diagrams should not exceed 15 pages.
 - ★ 6. All sections of the report should contain relevant maps, diagrams and photographs using primary and secondary data, clearly citing sources.
 - ★ 7. A copy of the bound report, duly signed by the concerned teacher, will be submitted during examination.
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