

**Syllabus**

*Of*

**M.Phil. Anthropology**

**2008-2009**

**Pt.Ravishankar Shukla University**

**Raipur (C.G.)**

M. Phil. Anthropology course would be a year. Anthropology being an interdisciplinary subject, there are several scholars with masters degree in their respective discipline, who want to enroll for Ph. D. in Anthropology. The discussions at the three regional meeting pointed out to close the door of Anthropology to other disciplines but to ensure that a candidate getting Ph.D. in Anthropology has the basic knowledge and holistic perspectives in Anthropology. It is an experience that pre-doctoral courses don't reach the level of formal training and formal acquisition of knowledge of the discipline. Hence, a candidate not possessing a Master's degree in Anthropology and wishing to get admission to Ph.D. course, need to undergo the following M. Phil. course.

All papers are compulsory. The scheme of examination is as under:

### **Scheme of Examination of M. Phil. Anthropology**

<b>S.No.</b>	<b>Paper</b>	<b>Title of the Paper</b>	<b>Total</b>
<b>1.</b>	<b>I</b>	<b>Advance Research Methodology and Technique</b>	<b>100</b>
<b>2.</b>	<b>II</b>	<b>Recent Advances in Anthropology</b>	<b>100</b>
<b>3.</b>	<b>III</b>	<b>Practical in Applied Anthropology</b> Practical -50 <b>External</b> Viva- Voce-20 <b>External</b> Practical Record- 15 <b>External</b> Seminar on Practical-15 <b>Internal</b>	<b>100</b>
<b>4.</b>	<b>IV</b>	<b>Dissertation</b> Seminar –50- <b>Internal</b> (Based on Theory – Best two) Script-100- <b>External</b> Viva-100 - <b>External</b> Seminar-50 <b>Internal</b> (Based on Dissertation)	<b>300</b>
		<b>GRAND TOTAL</b>	<b>600</b>

## **PAPER-I**

### **ADVANCED RESEARCH METHODOLOGY AND TECHNIQUES**

Maximum Marks-100

The course is designed to examine theories of research methods in Anthropology. This part will be done through lectures, assigned reading, class discussions and individual consociation. Students will not only learn various techniques for collecting and analyzing informations but its appropriate use and limitations. A variety of tools will be addressed to. It also includes problems of access, reports and ethics in conducting research; data gathering through interviewing, participant observation, personal documents, photos, tapes; data collection; computer applications; and analysis and interpretation in context of theory. It deals with theory and methodology of research.

#### **UNIT-I**

Research Methodology: Method and Technique- distinguished; Social Survey and Anthropological field work- relative merits, Types of Research design, exploratory, explanatory, experimental, diagnostic, formulation of hypothesis.

Elements of research: Deductive and inductive logic, theory, law, construct hypothesis, concepts, variables and facts.

#### **UNIT-II**

Comparative Method: Meaning and applications.

Review of literature: Use of secondary sources, role of history and historical records.

Sampling techniques: Meaning and significance of sampling, Types of sampling, Merits and demerits of different sampling methods.

#### **UNIT-III**

Quantitative and Qualitative data collection; Techniques of data collection: Observation techniques, Questionnaire, Schedule and case study.

## UNIT-IV

Focused group interview: Scaling techniques, RRA, PRA, RAP, audiovisual recording. Secondary sources data: Census, National Sample Survey, documents and records, map, National and International reports (UNDP, World Bank, UNICEF)

Qualitative data analysis methods: Content analysis.

Report writing: Requirement of Scientific report, problems in report writing, linking ideas, linking paragraphs.

## UNIT-V

Statistics: Mean & Standard Deviation, Standard error.

Tests of significance, (Chi square), 't' test, Analysis of Variance, Probability.

Estimation of gene frequencies from pedigrees and concept of Mendelian Population.

Pedigree method: Analysis of pedigrees with some rare inherited disorders.

### **Recommended Readings:**

1. Bernard: Research methods in cultural Anthropology
2. Pelto and Pelto: Anthropological Research: The structural enquiry, Qualitative data analysis.
3. Danda Ajit: Research Methodology in Anthropology.

## **PAPER-II**

### **RECENT ADVANCES IN ANTHROPOLOGY**

Maximum Marks- 100

#### **UNIT-I**

Application of Biological Anthropology in the service of Mankind.

Medical genetics: Meaning and scope; Application of Genetics in Medicine.

Genetic Epidemiology with special reference to non-communicable diseases:

Haemoglobinopathies, Diabetes, Cancer, Cardio-vascular diseases.

Pre-natal diagnosis and Genetic counseling.

Blood group incompatibility, disease association, HLA system & Immunogenetics.

#### **UNIT-II**

Recent Advance in Human Genetics: An Overview.

Population Cytogenetics, autosomal and sex chromosomal polymorphism.

Cytogenetics & its application in identification of Chromosomal aberration.

Recombinant DNA techniques & Genetic Engineering.

Application of Molecular techniques in Biological Anthropology: PCR, Southern Blotting, Gel Electrophoresis, DNA Fingerprinting etc.

#### **UNIT-III**

History of Anthropological Thoughts: An Overview.

Evolutionism: A critical Assessment of Classical Evolutionism and Neo-Evolutionism.

Recent trends in Evolutionary Thoughts.

Diffusionism: A critique on Diffusionistic Thoughts.

Historical Particularism: F. Boas

Functionalism and Structure- Functionalism: A Critical Review.

Post Modernism in Anthropology.  
Recent trends in Psychological Anthropology.  
Culture Relativism, Etic and Emic perspectives

#### **UNIT-IV**

Concept of Development; Culture and Development. An overview of Plan Development in India; Problems of Tribal Development in India; Anthropological approach to Development: Forest and Tribes, Development of Primitive Tribal Groups: Tribal Development programme in India -An overview, Culture & Globalization.  
Planning: Micro and Macro.

#### **UNIT-V**

Bio-cultural Evolution of Man in Africa with reference to Lower Palaeolithic, Middle Palaeolithic, Upper Palaeolithic & Mesolithic Cultures (Origin, Chronology Distribution, Traditions and Development).

#### **Recommended Readings:**

1. Starchad, T. and Read, A.P. 1999. Human Molecular Genetics. BIOS Scientific Publishers Ltd. Oxford. (574.8732, STT H, 84237).
2. Jha, M. Manavshastriya vichardhara- Ek Parichaya. (In Hindi).
3. Shrivastava, A.R.N. Sanskritik Manav Vigyan- Siddhanta aur Uplabdhiyan (In Hindi)
4. Harskovitz, M.J. Sankriti ki pristhabhumi (In Hindi)
5. Muthal, S. Samajik Manav Vigyan- Saidthantik Vyavahar (In Hindi)
6. Harris, M. Rise of Anthropological Theory, Routlege and Kegan Paul, London.
7. Malinowski, B. Scientific theory of culture and other essays.
8. Evans-Pritchard. A History of Anthropological Thought.
9. Clark, J.D. African Prehistory.

## **PAPER-III**

### **PRACTICAL IN APPLIED ANTHROPOLOGY**

Maximum Marks-100

#### **Laboratory Techniques:**

- I. Forensic Anthropology: Scene of Crime.
- II. Collection and preservation of Physical evidences.
- III. Use of dermatoglyphics in personal identification and criminal detection.
- IV. Conservation and preservation of archaeological/ museum objects.
- V. Collection of biological samples & Isolation of human DNA, PCR technique, Electrophoresis.
- VI. Estimation of nutrient intake from diet consumed.
- VII. Use of computer in anthropological data analysis.

NOTE: Five specimens to be analyzed by each student in the above-mentioned traits unless stated otherwise.

#### **Distribution of Marks are as under:**

Lab Course in Advance Anthropology : Total marks-100

Practical -50 **External**

Viva- Voce-20 **External**

Practical Record- 15 **External**

Seminar on Practical-15 **Internal**

### **Recommended Readings:**

1. Race, R.R. & Sanger, R. 1968. Blood group in man. Blackwell Scientific Publications, Oxford. (612.11825, RAR)
2. Kathleen E. Boormen and Barbara E. Dodd. An Introduction to Blood group Serology (612.11825 BOK).
3. Bhasin, M.K. and Chahal, S.M.S. 1996. A Laboratory Manual for Human Blood Analysis. Kamla Raj Enterprises, Delhi.
4. Shrivastave, B.K. 1983. A Manual of Practical Physiology, Samit Medical Publications, Patna.
5. Dacie, J.V. and Lewis, S.M. 1991. Practical haematology, 5<sup>th</sup> edition, J. and A. Churchill, Livingstone.
6. Behera, B.K. and Mohanty, S.K. 2007. Museology and Museum Management in India. Mayur Publications, Bhubaneswar.

## **PAPER-IV**

### **DISSERTATION**

Maximum Marks-300

The course is designed to make the student carry out independent research in the planning of the projects proposals, data collections, data analysis and report writing under the guidance of teacher assigned by the Head of the department in respective specialization of the student. Dissertation will be based on field work/ secondary source of data/ laboratory work on the topic allotted by the Head of the department.

The course aims at capacity building of the student in taking up independent research programme. The students are required to work with the community for a period not less than one month in the village.

Three typed copies of analyzed data will be presented in the form of a dissertation & require to submit on last 2 Teaching (3 weeks before theory examination). Seminar of theory should be conducted in the department on topic given by the M. Phil. Committee and marks of best of two should be submitted.

#### **Distribution of marks are as under:**

##### **Dissertation: Total marks-300**

Seminar- 50 **Internal** (Based on theory -Best two )

Script-100 **External**

Viva -100 **External**

Seminar-50 **Internal** (Based on Dissertation)