

**Syllabus**

*of*

**M.Phil. Anthropology**

**2015-2016**

# **Pt.Ravishankar Shukla University**

**Raipur (C.G.)**

## **M. Phil Anthropology**

M. Phil Anthropology course would be run in Annual Pattern. A student having M. Phil degree in Anthropology should have basic knowledge of all the branches of Anthropology. The Scheme of examination is as under.

<b>Pt. Ravishankar Shukla University, Raipur</b>				
<b>Scheme of Examination of M. Phil Anthropology [Credit System]</b>				
<b>July 2015- June 2016</b>				
Paper No.	Title of Papers	Marks		Credit
		(External)	(Internal)**	
I	Research Methodology, Quantitative Techniques & computer application	80	20	4
II	Advance Anthropology	80	20	4
III	Dissertation Report	150		6
IV	Dissertation based Presentation	50	50	3
V	Theory based Seminar		50	1

LC	Practicals in Applied Anthropology	80	20	2
<b>Total</b>		<b>600</b>		<b>20</b>

## **M. Phil Anthropology**

### **PAPER-I RESEARCH METHODOLOGY: QUANTITATIVE TECHNIQUES, & COMPUTER APPLICATION**

**Max. Marks- 80**

**Min.Marks - 38**

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**

Field work tradition in Anthropology.

Social survey and social research.

Elements of research : Deductive and inductive logic, theory and law.

Hypothesis : Source, character, importance and types.

Research Methods : Logical, historical, comparative and scientific.

Ethnographic method.

#### **UNIT-II**

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

Sampling Method : Random and non random sampling

Techniques of primary data(Qualitative and quantitative data) collection. . Focused group interview: Scaling techniques, RRA, PRA, RAP, audiovisual recording.  
Report writing

### **UNIT-III**

Mean, Median, Standard deviation and Standard errors.

Correlation : Simple and Multiple Correlation

Test of significance : Chi-square test, t-test, ANOVA

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

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

### **UNIT-IV**

Bibliography and References: Styles and types

Thesis, Project Report and Research Paper Writing

Online Scientific data bases

Computer Application : MS Office (Word, Excel, Power Point), SPSS

### **Recommended Readings:**

Danda, Ajit. Research Methodology in Anthropology, Inter- India, New Delhi.

Elhance, D. N. Practical Problems in Statistics, Kitab Mahal, Allahabad.

Fernandes & Tondon, Participatory Research.

Fisher, Michael. Application in Computing for Social Anthropologists, London, Routledge.

Goode & Hatt. Methods in Social Research.

Gupta, S. P. Statistics Methods.

Kaplan, Abraham. The Conduct of Enquiry: Methodology for Behavioural Sciences.

Kassam & Mustafa. Participatory Research.

Levin, J. Elementary Statistics in Social Research.

Madrigal, Lorena. Statistics for Anthropology.

Mukherjee, Neela. Participatory Rural Appraisal and Questionnaire Survey.

Pelto and Pelto: Anthropological Research: The structural enquiry, Qualitative data analysis.

Pelto P.S. & Pelto G.H. Anthropological Research: the structure of inquiry. London, Cambridge

Renfrew, C. (ed.). The Explanation of Culture Change: Models in Prehistory. Duckworth.

Sarin, S.S. and Balchandani, M.K. Fundamentals of Statistics. Ratan Prakashan Mandir, Agra.

## **PAPER-II: ADVANCE ANTHROPOLOGY**

**Max.Marks- 80**  
**Min.Marks - 38**

### **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 and Cardiovascular Diseases.  
Prenatal Diagnosis and Genetic Counseling.

### **UNIT-II**

Recent Advance in Human Genetics: An Overview.  
Cytogenetics & its application in identification of Chromosomal Aberration : Autosomal  
and Sex Chromosomal Polymorphism  
PCR, Recombinant DNA techniques and Genetic Engineering.  
, DNA Fingerprinting etc.

### **UNIT-III**

Evolutionism: A Critical Assessment of Classical Evolutionalism - L.H.Morgan and Neo-  
Evolutionism : Julian Steward  
Diffusionism: A critique on Diffusionistic Thoughts.

Historical Particularism.  
Post Modernism in Anthropology.

#### **UNIT-IV**

Anthropological Concept of Development.  
Tribal Development in India: An Outline.  
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.

**M. Phil Anthropology**  
***PAPER-III***  
**DISSERTATION REPORT**

**Max. Marks-150**  
**Min.Marks-72**

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 or theory should be conducted in the department on topic given by the M. Phil. Committee and marks of best of two should be submitted.

**PAPER-IV**

**Dissertation Based Presentation**

**Max. Marks-100 (50(Ext)+50(Int))**  
**Min.Marks- 48**

**PAPER-V**

**Theory Based Seminar**



**MaxMarks-50**  
**Min. Marks-24**

**Lab Course-I**

**M. Phil Anthropology**  
**PRACTICAL IN APPLIED ANTHROPOLOGY**

**Max. Marks- 80**  
**Min.Marks - 38**

**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 sample & 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.

Practical in Applied Anthropology: Total marks-80

**Distribution of Marks are as under:**

Practical -60

Viva- Voce-10  
Practical Record- 10

**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, 5th edition, J. and A. Churchill, Livingstone.
6. Behera, B.K. and Mohanty, S.K. 2007. Museology and Museum Management in India. Mayur Publications, Bhubaneswar.