

**RAJEEV GANDHI GOVT. POST GRADUATE COLLEGE,  
AMBIKAPUR, SURGUJA (CG), INDIA**



**Learning Outcomes based Curriculum Framework  
FOR  
UNDERGRADUATE PROGRAMME  
M.A./M.SC. (ANTHROPOLOGY)  
SEMESTER SYSTEM  
SESSION 2023-2024**



## **DEPARTMENT OF ANTHROPOLOGY**

### **VISION**

The vision of the Anthropology Department is to provide in proficiency both in depth understanding of principles and concept of Anthropology, theoretical and experimental Anthropology. The Department aims to enhance the students' knowledge in basic and applied Anthropology. To inculcate aptitude for a research career in academia by introducing advanced ideas and techniques that are applicable while emphasizing the underlying concepts of Anthropology.

### **MISSION**

- To impart quality education in Anthropology such that they aim to become Scientists in reputed Research Organisations. To make the students effectively disseminate their knowledge in Anthropology to coming generations..
- Develop the capacity and know-how to apply principles/laws of Anthropology to solve the problems. The ability to do and interpret the data obtained in experiments. To become a center of excellence and extend research facilities.
- Apply the Anthropology knowledge for sustainable development useful for society. Assume responsibility and always practice ethical principles. To function effectively as individual as well as in a team.

### **PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)**

## PROGRAMME OUTCOMES (POs)

<b>PO 1</b>	<p>Disciplinary and inter-disciplinary knowledge for capacity building</p> <p>Students will acquire improved knowledge of the laws governing nature through classroom teaching and experimenting in the laboratories. They will develop a sense of interdisciplinary approach to identify and resolve issues through project, seminars, field work, internships and industrial visits.</p>
<b>PO 2</b>	<p>Skills for effective and efficient communication</p> <p>Students will be able to improve and enhance their communication skills such as reading, writing, listening and speaking. This will help them to express their ideas clearly and effectively and subsequently empower them to become agents of social change and hence pave the way for betterment of the society at large.</p>
<b>PO 3</b>	<p>Sense of inquiry and problem-solving skills</p> <p>Students will demonstrate the core competencies of their discipline through analytical reasoning, problem solving and research related skills, cooperation, team work, scientific reasoning and thinking that would make them emerge as entrepreneurs or administrative personnel.</p>
<b>PO 4</b>	<p>Skills to impact society</p> <p>Students will develop leadership, teamspirit and other skills which will help them to identify, approach and analyze the existing societal problems with an eye to look beyond gender, age, caste, creed or nationality and work for the emancipation and empowerment of humanity.</p>
<b>PO 5</b>	<p>Energy, Ethics and Environment</p> <p>They will be able to involve themselves in framing policies and develop scientific temper to harness energy and work on alternate resources. They will be aware of the environmental issues and imbibe the spirit of ethical values in establishing a self-sustained environment for a healthy society.</p>
<b>PO 6</b>	<p>Self-directed and lifelong learning</p> <p>Through digital literacy, students will engage in self-paced and curious learning with limitless knowledge acquisition and hence develop motivation for a sustained lifelong learning capability. Students will accumulate knowledge by continuous learning and leverage the past knowledge seamlessly to solve the problems in the future.</p>
<b>PO 7</b>	<p>National and international-priorities preferences and perspectives</p> <p>Students will be able to prioritize national and global issues with an aim to build a nation and an integrated world through contributions that imbibe the spirit of multicultural competency, creative thinking, critical analysis, political awareness and the much-needed international policies.</p>

## PROGRAMME SPECIFIC OUTCOMES (PSOs)

<b>PSO 1</b>	procedural knowledge that creates different types of professionals related to the disciplinary/subject area of study, including research and development, teaching and government and public service;
<b>PSO 2</b>	skills in areas related to one's specialization and current developments in the academic field of study, including a critical understanding of the latest developments in the area of specialization, and an ability to use established techniques of analysis and enquiry within the area of specialization.
<b>PSO 3</b>	a systematic, extensive and coherent knowledge and understanding of an academic field of study as a whole and its applications, and links to related disciplinary areas/subjects of study, including a critical understanding of the established theories, principles and concepts, and of a number of advanced and emerging issues/theories in the field of study.
<b>PSO 4</b>	Apply one's disciplinary knowledge and transferable skills to new/unfamiliar contexts and to identify and analyze problems and issues and seek solutions to real-life problems.
<b>PSO 5</b>	Comprehend algebraic concepts and advanced mathematical tools involved in the interpretation of various physical properties of materials. Demonstrate skills in identifying information needs, collection of relevant quantitative and/or qualitative data drawing on a wide range of sources, analysis and interpretation of data using methodologies as appropriate to the subject(s) for formulating evidence-based solutions and arguments.
<b>PSO 6</b>	Address one's own learning needs relating to current and emerging areas of study, making use of research, development and professional materials as appropriate, including those related to new frontiers of knowledge.
<b>PSO 7</b>	Develop essential logical and analytical skills to approach a problem both quantitatively and qualitatively data.

**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Paper- I Social And Cultural Anthropology**

**Course Outcome**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of Social and Cultural Anthropology and how it is related to other branches of Anthropology like Physical Anthropology, Archaeological Anthropology and Linguistic Anthropology, besides knowing its relationship with other disciplines with Sociology, Psychology and History.

CO 2. A critical understanding of the key concepts in Social and Cultural Anthropology, attributes of culture, acculturation, transculturation, civilization, society, status and role

CO 3. A capacity to compare and contrast of social institutions like family, marriage, kinship and religion in past and current period.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in Social and Cultural Anthropology.

CO5. A critical inclination to read anthropological approaches to study of religion as a Animism, totemism, bonoism and magic also.

CO6. A socio- economical sense of economic organization, stage of economy, cultivation, system of trade exchange and primitive law and political organization in changing prespective.



**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Paper- 2 Fundamentals Of Physical/Biological Anthropology**

**Course Outcome**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of Physical Anthropology and how it is related to other branches of biological, social and medical sciences.

CO 2. A critical understanding of human origin and evolution.

CO 3. A capacity to compare and contrast anatomy of man and apes.

CO 4. To understand of classification of animal kingdom and Man Place at animal kingdom.

CO5.A critical inclination to read to classification, geographical distribution and chief characteristic of primates.

CO 6.To develop sence about man how to become erect posture and bipedalism.

CO 7. A research tendency to go for innovative studies for students some basic idea about how to compare to fossils each other .





**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Paper 3 European Prehistoric Archaeology**

**Course Outcome**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of European Prehistoric Archaeology and its relationship with other branches of anthropology and other related disciplines like earth science, social science, life science and history

CO 2. A critical understanding of tools techniques and dating prehistoric finds.

CO 3. A capacity to compare and contrast geological timescale and cultural expressions of each epoch.

CO 4. . A research tendency to go for innovative studies for students some basic idea about how to collect data on the archaeological sites on basis of some of the most widely methods and techniques in Archaeological research.

CO 5 A critical inclination to read hominid fossil evidence/a site of Acheulian or Mousterian culture with special reference to Europe and its discovery, recovery of archaeological relics and associated materials, stratigraphic context and absolute chronology..

CO 6. A socio- cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.



**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**M.A. / M.Sc. ANTHROPOLOGY**

**FIRST - SEMESTER**

***SOCIAL OUTREACH AND INTERNSHIP & ENTREPRENEURSHIP***

Course Code –ECO - 121

Course Type – ECC/CB

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Course Outcomes:

- CO 01.** To introduce to the alternative policy approach to address global and local economic environmental problems and to apply market and non-market method for resolving economic environmental problems.
- CO 02.** On completion of the course, the student will be able to identify the various policy alternatives that can be applied to address an environmental problem.
- CO 03.** The student will also be able to use market and non-market methods and apply them to estimate the extent of welfare gain or loss associated with any development and conservation programmes.
- CO 04.** They will also be able to identify factors that determine international cooperation to mitigate global economic environmental problems
- CO 05.** To convert the Jobseekers into Job providers and transform them as active contributors to national economy.
- CO 06.** To create entrepreneurship culture.
- CO 07.** To create self employment
- CO 08.** To create cooperative culture in society





**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Paper 5 Tribal Anthropology**

**Course Outcome**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of tribes in Indian context.

CO 2. A critical understanding of tribal institutional structure as kinship, family, marriages, economy and religion also.

CO 3. A capacity to analysis of the various pre and post independence tribal development plans and projects which implemented in India.

CO 4. A research tendency to go for innovative studies for review development projects and prepare reports on the same.

CO 5 A critical inclination to read constitutional safe guards.

CO 6. A tribal problem in the sense of socio-cultural, economic ,health & nutrition, education, agricultural, land alienation, indebtedness, bonded labour displacement/ rehabilitation and migration etc.



**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Course Outcome**

**Practical In Osteology, Somatoscopy And Somatometry**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of human skeletal bones and their importance in biological anthropology, osteology and forensic science.

CO 2. A descriptive and comparative study of human bones as skull, pelvic girdle, upper arm, lower arm and vertebral column etc.

CO 3. A capacity to compare and contrast of different ethnicity through somatoscopic observation.

CO 4. A understand how to identification of age, sex and ethnicity through through bones remains.

CO 5. A research tendency to go for innovative studies about somatometric measurement to how is useful in field of sports, nutrition and industry etc.





**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**Course Outcome**

**Practical In Archaeology And Material Culture**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, drawand interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture,music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**



**M.A./M.Sc. ANTHROPOLOGY – SECOND SEMESTER**

**Course Outcome**

**Paper I :-Applied Physical/Biological Anthropology**

After completing the course the student will able to demonstrate:-

CO 1. A comprehensive Knowledge about Applied knowledge of physical Anthropology.

CO 2. A critical understanding of the key concepts in sports anthropology, nutritional anthropology, forensic anthropology etc

CO 3. A capacity to compare and contrast of application of human genetics in medico-legal genetics, eugenics, genetic counseling, screening and genetic engineering also.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in sports Anthropology, nutritional anthropology, medical anthropology and forensic anthropology also.

CO 5- this paper help to genetic counseling to family & society.

CO 6- To making a sense about application of anthropology in limbs and footwear.

CO 7-. A critical inclination to read and apply about Human genomics and its application, management of genetic disorder.

CO 8- a critical analysis of national health programmes.



**M.A./M.Sc. ANTHROPOLOGY – SECOND SEMESTER**

Course Outcome

Paper II Applied Socio-Cultural Anthropology

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive applied Knowledge of socio cultural anthropology.

CO 2. . A critical understanding of the key concepts of application of anthropological knowledge in the field of macro and micro level plans and agency of development.

CO 3. . A capacity to compare and contrast of Gandhian approaches and new approaches in development.

CO 4 A critical inclination to read application of Socio-Cultural anthropological knowledge for the welfare and development of vulnerable groups of people.

CO 5. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in development programmes.

CO 6.this paper will explain to interrelationship between applied anthropology and socio-cultural anthropology.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER	
COURSE CODE: MSA202	COURSE TYPE: CCC
Paper II Applied Socio-Cultural Anthropology	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02				✓	✓			
CO-03							✓	
CO-04		✓						
CO-05			✓					
CO-06						✓		
CO-07								
CO-08							1.	

**M.A./M.Sc. ANTHROPOLOGY – SECOND SEMESTER**

**Course Outcome**

**Paper III Indian Prehistoric Archaeology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge Indian Prehistoric Archaeology

CO 2. A critical understanding of cultural chronology.

CO 3. A capacity to compare and contrast of tools, tools techniques, fossils, art and human life.

CO 4. . A research tendency to go for innovative studies for students some basic idea about how to collect data on the archaeological sites on basis of some of the most widely methods and techniques in Archaeological research.

CO 5 A critical inclination to read hominid fossil evidence/a site of stone and metal culture with special reference to India and its discovery, recovery of archaeological relics and associated materials, stratigraphic context and absolute chronology..

CO 6. A socio- cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.

CO 7. This paper help to know past human life special reference of chalco-lithic, Indus valley civilization and megalithic period.



## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - SECOND SEMESTER</b>	
<b>COURSE CODE: MSA203</b>	<b>COURSE TYPE: CCC</b>
<b>Paper III Indian Prehistoric Archaeology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02					✓			
CO-03							✓	
CO-04		✓						
CO-05				✓				
CO-06			✓					
CO-07						✓		
CO-08								

## **Course Outcome**

### **Paper 4 Research Methodology And Computer Application Basic**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge research methodology importance of fieldwork in anthropology and major fieldwork traditions in anthropology

CO 2. a making sense about the steps to be taken before starting the fieldwork, major methods and techniques of data collection.

CO 3. A descriptive intelligence of computer system,its feature, basic application of computer and generation of computer.

CO 4. A critical understanding of the key concepts of CPU, hardware, software, mouse, keyboard,scanner, barcode, monitor,printer primary memory and secondry memory also.

CO5. . A research tendency to go for innovative studies for students how to work data entry, data analysis, tabulation and graphics and presentation also.

CO 6 This practical is making sense how to doing research and result input by using computer application.

CO 7. A critical inclination to read and apply office software package In computer like MS word, MS excl and MS powerpoint

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY – SECOND SEMESTER**

**COURSE CODE: MSA-S02**

**COURSE TYPE: OSC**

**Paper 4 Research Methodology And Computer Application Basic**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02				✓				
CO-03					✓			
CO-04								
CO-05			✓					
CO-06		✓						
CO-07						✓	✓	
CO-08								

## **Course Outcome**

### **Paper 5 Reading Of Ethnography**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge ethnographical research.

CO 2. A critical understanding of contribution theory of some social – cultural anthropologist.

CO 3. A critical inclination to read Indian context of ethnography.

CO 4. A capacity to compare and contrast difference between ethnographic research and survey research.

CO 5 . A research tendency to go for innovative studies for students some basic idea about how to collect data on the archaeological sites on basis of some of the most widely methods and techniques in ethnographic research and writing.

CO 6A making ethnography sense about research ethics and responsibility.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - SECOND SEMESTER**

**COURSE CODE: MSAB01**

**COURSE TYPE: ECC/CB**

**Paper 5 Reading Of Ethnography**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02					✓			
CO-03							✓	
CO-04		✓						
CO-05				✓				
CO-06			✓					
CO-07						✓		
CO-08								

## **Course Outcome**

### **Paper 6 Project Report/ Field Report**

CO1. A comprehensive Knowledge of fieldwork in ANTHROPOLOGY

CO 2. A critical inclination to read and apply about the steps to be taken before finalising the site of fieldwork.

CO 3. A critical understanding of research method and technique

CO 4. This practical component they will learn how to conduct fieldwork, collect relevant data, classify them and prepare a report on the same

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - SECOND SEMESTER**

**COURSE CODE: MSA212**

**COURSE TYPE: CCC**

**Paper 6 Project Report/ Field Report**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03			✓					
CO-04				✓		✓		

**M.A./M.Sc. ANTHROPOLOGY – SECOND SEMESTER**

**Course Outcome**

**Practical In Craniology And Craniometry**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of skull to cranium also and study how to taking measurement of cranium and their importance in biological anthropology,craniology and forensic science.

CO 2. A capacity to compare and contrast to taking craniometric measurement in different land mark and indices.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**



**M.A./M.Sc. ANTHROPOLOGY - SECOND SEMESTER**

**COURSE CODE: MSA211**

**COURSE TYPE: CCC**

**Practical In Craniology And Craniometry**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02			✓					

## **Course Outcome**

### **Practical In Computer Application**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of computer system,its feature, basic application of computer and generation of computer.

CO 2. A critical understanding of the key concepts of CPU, hardware, software, mouse, keyboard,scanner, barcode, monitor,printer primary memory and secondry memory also.

CO3 . . A research tendency to go for innovative studies for students how to work data entry, data analysis, tabulation and graphics and presentation also.

CO 4. This practical is making sense how to doing research and result input by using computer application.

CO 5. A critical inclination to read and apply office software package In computer like MS word, MS excl and MS powerpoint.



**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**GROUP A :- PHYSICAL ANTHROPOLOGY**

**Course Outcome**

**Paper 1 :-Applied Physical/Biological Anthropology**

After completing the course the student will able to demonstrate:-

CO 1. A comprehensive Knowledge about Applied knowledge of physical Anthropology.

CO 2. A critical understanding of the key concepts in sports anthropology, nutritional anthropology, forensic anthropology etc

CO 3. A capacity to compare and contrast of application of human genetics in medico-legal genetics,eugenics, genetic counseling, screening and genetic engineering also.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in sports Anthropology, nutritional anthropology, medical anthropology and forensic anthropology also.

CO 5- this paper help to genetic counseling, DNA-Fingerprinting to family & society

CO 6- To making a sense about chromosomal genetical disorder.

CO 7-.A critical inclination to read and apply about blotting technique to detect abnormal Chromosomes.

CO 8- A critical inclination to read and apply about PCR-system to amplify of DNA.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER**

**COURSE CODE: MSA303**

**COURSE TYPE: CCC**

**Paper 1 :-Applied Physical/Biological Anthropology**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03						✓		
CO-04			✓					
CO-05				✓				
CO-06								
CO-07					✓			
CO-08							✓	

## **Course Outcome**

### **Paper 2 :-HUMAN GENETICS**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of origin and growth of human genetics.

CO 2- A critical understanding of the key concepts about genetic material DNA,RNA genetic code and theories of inheritance.

CO 3- A capacity to compare and contrast of chromosomal genetical disorder, immunological disorders.

CO 4- A critical inclination to read about inborn error of metabolism.

CO 5- A descriptive intelligence of offspring inherit genetic trait from theirParents.

CO 6. A critical inclination to read population genetics

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - THIRSD SEMESTER**

**COURSE CODE: MSA303**

**COURSE TYPE: CCC**

**Paper 2 :-HUMAN GENETICS**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02			✓					
CO-03				✓				
CO-04							✓	
CO-05						✓		
CO-06		✓			✓			
CO-07								
CO-08								

## **Course Outcome**

### **Paper 3 :-HUMAN GROWTH & NUTRITION**

After completing the course the student will able to demonstrate:-

CO 1- A comprehensive Knowledge of about concept of growth and development, Balanced diet and malnutrition.

CO 2-. A critical understanding of the about method of growth studies.

CO 3-this paper help to know abot nutrition, malnutrition and factor which are responsible for growth to individuals.

CO 4- A capacity to compare and contrast of many kind of growth programe which are Running by government.

CO 5- A critical inclination to read about different kind of nutritional deficiency Diseases.

CO 6. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in nutritional anthropology,



## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - THIED SEMESTER</b>	
<b>COURSE CODE: MSA303</b>	<b>COURSE TYPE: CCC</b>
<b>HUMAN GROWTH &amp; NUTRITION</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02					✓			
CO-03	✓							
CO-04		✓		✓				
CO-05							✓	
CO-06			✓					
CO-07								
CO-08								

## **Course Outcome**

### **Paper4 Intellectual Property Rights**

After the completion of the course, students will be able to understand:

OC-01:- The concept and development of all forms of I.P.R.

OC-02:- Distinguish and explain various forms of I.P.R

OC-03:- Identify criteria's to fit one's own intellectual work in particular forms of I.P.R

OC-04:- Apply statutory provisions to protect particular forms of I.P.R

OC-05:- Apply the concept and forms of I.P.R in research field.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER</b>	
<b>COURSE CODE: MSA S03</b>	<b>COURSE TYPE: OSC</b>
<b>PAPER 4 Intellectual Property Rights</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓		✓					
CO-02								
CO-03		✓						
CO-04				✓				
CO-05					✓			
CO-06							✓	
CO-07						✓		
CO-08								

## **Course Outcome**

### **Paper 5-Anthropological Demography**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of basic concepts of anthropological demography.

CO 2. . A critical inclination to r Oad population growth theory ,popuation structure and dynamics of population change.

CO 3. A research tendency to go for innovative studies for students some basic ideas for collection of demographic data.

CO 4. . A critical understanding about demographic consequences of family planning and family welfare.

CO 3. A capacity to compare and contrast of genotype and phenotype frequency.

## Mapping of CO (Course Outcome) and PO (Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER</b>	
<b>COURSE CODE: MSA-C01</b>	<b>COURSE TYPE: ECC/B</b>
<b>Paper 5-Anthropological Demography</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02					✓			
CO-03			✓					
CO-04		✓					✓	
CO-05						✓		
CO-06				✓				
CO-07								
CO-08								

## Course Outcome

### Paper 6 Ecological Anthropology

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of basic concepts of ecological anthropology.

CO 2 A critical understanding of the conceptual aspects of human ecology and adaptation.

CO 3. A critical inclination to read about nutritional requirements of human body and human body adapts to various ecological conditions

CO 4 A socioenvironmental sense of culture anthropology.

CO 5 A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in ecological Anthropology.

### Mapping of CO(Course Outcome) and PO(Program Outcome)

M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER	
COURSE CODE: MSA C02	COURSE TYPE: ECC/CB
Paper 6 Ecological Anthropology	

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CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02				✓				
CO-03			✓			✓		
CO-04		✓			✓			
CO-05							✓	
CO-06								
CO-07								
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

**Practical In Serology, Biochemical Genetics And Dermatoglyphics**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of the blood group system and how to identified blood group in human, MN and Rh blood grouping and also cognize about calculation of relative gene frequency and ABH secretion also.

CO 2. A capacity to comparative study about dermatoglyphics trait and cognize how to this trait is useful for individuals identification.

CO 3. A cognize a technique of estimation of haemoglobin.

CO 4. A understanding how to laboratory test of sickle cell anaemia and G6PD Deficiency.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER
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**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

**Practical In Human Growth And Nutrition**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive intelligence of nutrition, importance in our body and also cognize how to assessment of nutritional status from direct and indirect method.

CO 2. A critical inclination to read what is growth standard in different ages and sex.

CO 3. A comprehensive knowledge of nutritional level of individuals.

CO 4. A capacity to compare and contrast of nutritional status indices like weight for age, height for age and body mass index for different ages and sex.

CO 5. A research tendency to go for innovative studies of evaluation nutritional status.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**COURSE CODE: MSA312**

**COURSE TYPE: CCC**

**Practical In Human Growth And Nutrition**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02							✓	
CO-03	✓							
CO-04			✓					
CO-05				✓				
CO-06					✓			
CO-07						✓		
CO-08								

## **GROUP B:- SOCIAL ANTHROPOLOGY**

### **Course Outcome**

#### **Paper I Applied Socio-Cultural Anthropology II**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive applied Knowledge of socio cultural anthropology.

CO 2. . A critical understanding of the key concepts of application of anthropological knowledge in the field of macro and micro level plannings and agency of development.

CO 3. . A capacity to compare and contrast of policy planning issues like education, health, etc.

CO 4 A critical inclination to read application of Socio-Cultural anthropological knowledge for the welfare and development of vulnerable groups of people.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in development programmes.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER</b>	
<b>COURSE CODE: MSA301</b>	<b>COURSE TYPE: CCC</b>
<b>Paper I Applied Socio-Cultural Anthropology II</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02	✓					✓		
CO-03					✓			
CO-04				✓				
CO-05			✓				✓	
CO-06								
CO-07								
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

## **Paper II Theory And Methods In Socio-Cultural Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of classical theories of anthropology.

CO 2. A critical understanding of the key concepts classical and neo classical theory developments in classical theories.

CO 3. A capacity to compare and contrast of evolutionism and diffusionism.

.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely ethnographical methods and techniques.

CO5. A critical inclination to read culture and personality studies to understand the problems of the nation.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER**

**COURSE CODE: MSA101**

**COURSE TYPE: CCC**

**Paper II Theory And Methods In Socio-Cultural Anthropology**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03				✓				
CO-04							✓	
CO-05			✓		✓			
CO-06								
CO-07								
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

## **Course Outcome**

### **Paper III Indian Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of about the origin and growth of Indian anthropology and about the various approaches to understanding Indian society and culture.

CO 2. A critical understanding about the castes system in Indian society to changing perspectives.

CO 3. A critical inclination to re ad the contribution of Indian anthropologists to the evolution of Indian anthropology.

CO 4. A socio- cultural sense of about the unity and diversity in Indian society.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FIRST SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>





## **Course Outcome**

### **Paper4 Intellectual Property Rights**

After completing the course the students will able to demonstrate:-

OC-01:- The concept and development of all forms of I.P.R.

OC-02:- Distinguish and explain various forms of I.P.R

OC-03:- Identify criteria's to fit one's own intellectual work in particular forms of I.P.R

OC-04:- Apply statutory provisions to protect particular forms of I.P.R

OC-05:- Apply the concept and forms of I.P.R in research field.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**



**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

**Paper 5 Anthropological Demography**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of basic concepts of anthropological demography.

CO 2. . A critical inclination to read population growth theory ,population structure and dynamics of population change.

CO 3. A research tendency to go for innovative studies for students some basic ideas for collection of demographic data.

CO 4. . A critical understanding about demographic consequences of family planning and family welfare.

CO 3. A capacity to compare and contrast of genotype and phenotype frequency.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY –THIRD SEMESTER</b>	
<b>COURSE CODE: MSAC01</b>	<b>COURSE TYPE: ECC/B</b>
<b>Paper 5 Anthropological Demography</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02					✓			
CO-03			✓					
CO-04		✓					✓	
CO-05						✓		
CO-06								
CO-07								
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

## Course Outcome

### Paper 6 Ecological Anthropology

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of basic concepts of ecological anthropology.

CO 2 A critical understanding of the conceptual aspects of human ecology and adaptation.

CO 3. A critical inclination to read about nutritional requirements of human body and human body adapts to various ecological conditions

CO 4 A socioenvironmental sense of culture anthropology.

CO 5 A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in ecological Anthropology.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER	
COURSE CODE: MSAC02	COURSE TYPE: ECC/CB



**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

**Practical In Research Design And Scaling Techniques**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of ethics in social research, its issue and research design to preparation of research proposal on exploratory, descriptive and experimental design.

CO 2. A critical understanding of the preparation of at two research proposal on cohort studies, case control studies, cross sectional studie, longitudinal studies, meta analysis, triangulation and review studies.

CO 3. A critical inclination to read of preparation of map, data analysis and code of schedule.

CO 4. A preparation of how to code book, coding chart and content analysis.

CO 5. A research tendency to go for innovative studies for students for preparation of schedule using scaling technique.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER</b>	
<b>COURSE CODE: MSA311</b>	<b>COURSE TYPE: CCC</b>



**Practical In Research Design And Scaling Techniques**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02								
CO-03	✓	✓						
CO-04			✓	✓				
CO-05					✓			
CO-06								
CO-07								
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – THIRD SEMESTER**

**Course Outcome**

**Practical In Field Work And Research Techniques**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of scientific research in anthropology with nature of social science, relationship of social science with natural, physical and huminities.

CO 2. A critical understanding of the key concepts research methodology, research design, research problem, literature review, conceptual framework, hypothesis, data collection, analysisof data and report writing.

CO3 .A critical inclination to read methods like preparation of geology, observation , case study and interview.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely tools and techniques.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - THIRD SEMESTER</b>	
<b>COURSE CODE: MSA312</b>	<b>COURSE TYPE: CCC</b>
<b>Practical In Field Work And Research Techniques</b>	

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CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03						✓		
CO-04			✓					
CO-05								
CO-06				✓				
CO-07					✓			
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – FOURTH SEMESTER**

**GROUP A :- PHYSICAL ANTHROPOLOGY**

## Course Outcome

### Paper I - Forensic Anthropology

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of forensic anthropology and role of forensic anthropologist as expert witness in court.

CO 2. A critical understanding of the key concepts how to identify individuals from biological evidence like blood, semen, tissue, hair, saliva etc.

CO3 . A cognize how to assessment of time and cause of death.

CO 4. A capacity to comparative study about dermatoglyphics trait and cognize how to this trait is useful for individuals identification. on the basis of tooth, skeleton, finger prints, blood, etc.

CO 5. This paper is useful to determination of age ex and ethnic group.

### Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA401</b>	<b>COURSE TYPE: CCC</b>
<b>Paper I - Forensic Anthropology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02							✓	
CO-03			✓					
CO-04		✓						
CO-05				✓				
CO-06					✓			
CO-07						✓		
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – FOURTH SEMESTER**

**Course Outcome**

**Paper II- Molecular Genetics**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of genetic material like DNA, RNA & Protein.

CO 2. A critical inclination to read application in human genomic technology and genetic defect.

CO 3. A critical understanding of the key concepts of DNA cloning, sequencing and fingerprinting .

CO 4- A research tendency to go for innovative studies for students in laboratory for different molecular genetic techniques like PCR, blotting technique, DNA fingerprinting.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA402</b>	<b>COURSE TYPE: CCC</b>
<b>Paper II- Molecular Genetics</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02							✓	
CO-03			✓		✓			
CO-04		✓				✓		
CO-05				✓				
CO-06								
CO-07								

**M.A./M.Sc. ANTHROPOLOGY – FOURTH SEMESTER**

**Course Outcome**

**Paper III- Biostatistics**

After completing the course the students will able to demonstrate:-

CO 1. . A comprehensive Knowledge about the basic concepts of statistical anthropology.

CO 2. A critical understanding of measures of central tendencies like mean, median and mode.

CO 3. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in sampling.

CO 4. A develop sense how to use of some statistical Softwares like SPSS for analysis of data.

CO5.A critical inclination to read how to get research proposal and completed research to using t-test , chi-square test and correlaton.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA403</b>	<b>COURSE TYPE: CCC</b>
<b>Paper III- Biostatistics</b>	



CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01			✓					
CO-02				✓				
CO-03		✓						
CO-04						✓		
CO-05					✓			
CO-06							✓	
CO-07	✓							
CO-08								

**M.A./M.Sc. ANTHROPOLOGY – FOURTH SEMESTER**

## Course Outcome

### Paper4 Dissertation

After completing the course the students will able to demonstrate:-

CO 1. . A comprehensive Knowledge of fieldwork methods and techniques to collect data

CO 2. A critical understanding how to collect the data, draw tables or charts, interpret the data and draw appropriate generalisations from the same.

CO 3 . A research tendency to go for innovative studies for students how to communicate, where they have done the research, what are the generalisations made and what are the implications of their findings.

CO 4. .A critical inclination to read how to give references that are complete, correct and consistent. Finally, they will learn how to defend their findings orally.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER	
COURSE CODE: MSAS04	COURSE TYPE: SSC/PRJ
Paper4 Dissertation	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01								
CO-02		✓						
CO-03	✓							
CO-04			✓					
CO-05				✓				
CO-06					✓			
CO-07						✓		
CO-08								

**Course Outcome**

**Paper 5 Tourism Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. . A comprehensive Knowledge about the role of Anthropology in tourism.

CO 2. They will learn about the socio-cultural dimensions of tourism , such as the cultures and societies.

CO3.A critical inclination to read rise of the socio- cultural study of tourism.

CO4. A socio- economical sense of understand of global economy of contemporary tourism.

CO5.A critical inclination to read to role of tourism in museum and other branches in cultural industries like music , art, food.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use for tourist as ethnographer.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSAD01</b>	<b>COURSE TYPE: CCC</b>
<b>Paper 5 Tourism Anthropology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03			✓					
CO-04				✓				
CO-05					✓			
CO-06						✓		
CO-07							✓	
CO-08								

**Course Outcome**

**Paper 6 Displacement & Disaster Management**

After completing the course the students will able to demonstrate:-

CO 1. . A comprehensive Knowledge of concept about disaster in natural and manmade.

CO 2. A critical understanding of the people perception of disaster.

CO 3. A capacity to compare and contrast of natural and manmade situation of displacement.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use in displaced and rehabilitation.

CO 5. This paper give to knowledge what kind of problem faced of displaced and rehabilitized people and how they survive.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSAD02</b>	<b>COURSE TYPE: CCC</b>
<b>Paper 6 Displacement &amp; Disaster Management</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02					✓			
CO-03		✓						
CO-04			✓					
CO-05						✓		
CO-06							✓	
CO-07	✓							
CO-08								

**Course Outcome**

**Practical In Forensic Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of the blood group for the personal identification.

CO 2. A capacity to comparative study about dermatoglyphics trait and cognize how to this trait is useful for individuals identification.

CO 3. A cognize a technique of DNA fingerprinting to paternity determination.

CO 4. A understanding how to laboratory test of sickel cell anameia and G6PD Deficiency.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA 412A</b>	<b>COURSE TYPE: CCC</b>
<b>Practical In Forensic Anthropology</b>	



CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03					✓			
CO-04				✓				
CO-05			✓					
CO-06						✓		
CO-07							✓	
CO-08								

**Course Outcome**

**Practical In Applied Biological Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of collection of blood specimen and laboratory examination of blood and blood stains for criminal detection.

CO 2. A critical understanding of the key concepts of techniques of ABO blood group, Rh and MN blood group system.

CO 3. A cognize a technique of estimation of haemoglobin.

CO4. A understanding how to laboratory test of sickel cell anameia colourblindness and PTC sensitivity.

CO 5. A capacity to compare and contrast of examination of RBC and WBC in human blood group.

CO 6. A critical inclination to read and analysis of dermatoglyphics trait and cognize how to this trait is useful for individuals identification.

CO 7. A understanding how to laboratory test of isolation of DNA from human blood and personal identification by DNA marker.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: CCC</b>



## **GROUP B :- SOCIAL ANTHROPOLOGY**

### **Course Outcome**

#### **Paper I Development Anthropology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of what is development anthropology, needs of development, development debates, and the relationship between culture and development.

CO 2. .A critical inclination to read theories of development and use the theory for development of human and nature .

CO 3.a critical understanding of the about various sc/st/obc peoples development plans,programmes and projects implemented in India.

CO 4. A critical understanding of the sustainable development.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER
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<b>COURSE CODE: MSA401</b>	<b>COURSE TYPE: CCC</b>
<b>Paper I Development Anthropology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02				✓				
CO-03						✓		
CO-04							✓	
CO-05					✓			
CO-06			✓					
CO-07	✓							
CO-08								

**Course Outcome**

## **Paper II Museology**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge about the history and development of museums in India.

CO 2. A descriptive intelligence about the role of anthropology in the Museum and how to manage museum objects.

CO 3. A critical inclination to read the role, importance & primary function of museums in the historical, social and economical perspective.

CO 4. A making sense about Display of museum Techniques, storage and conservation of different categories of museum specimens.

CO 5. A critical understanding about acquisition, Digitalization and documentation of museum specimens.

CO 6. To understand about museum Tourism.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER
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<b>COURSE CODE: MSA402</b>	<b>COURSE TYPE: CCC</b>
<b>Paper II Museology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02			✓					
CO-03					✓			
CO-04							✓	
CO-05						✓		
CO-06				✓				
CO-07		✓						
CO-08								

**Course Outcome**

## Paper III Biostatistics

After completing the course the students will be able to demonstrate:-

CO 1. . A comprehensive Knowledge about the basic concepts of statistical anthropology.

CO 2. A critical understanding of measures of central tendencies like mean, median and mode.

CO 3. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in sampling.

CO 4. A develop sense how to use of some statistical Softwares like SPSS for analysis of data.

CO5. A critical inclination to read how to get research proposal and completed research to using t-test , chi-square test and correlation.



## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA403</b>	<b>COURSE TYPE: CCC</b>
<b>Paper III Biostatistics</b>	

CO-08 CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02		✓						
CO-03	✓							
CO-04			✓					
CO-05					✓			
CO-06						✓		
CO-07							✓	

**Course Outcome**

## **Paper 4 Dissertation**

After completing the course the students will be able to demonstrate:-

CO 1. . A comprehensive Knowledge of fieldwork methods and techniques to collect data

CO 2. A critical understanding how to collect the data, draw tables or charts, interpret the data and draw appropriate generalisations from the same.

CO 3 . A research tendency to go for innovative studies for students how to communicate, where they have done the research, what are the generalisations made and what are the implications of their findings.

CO 4. .A critical inclination to read how to give references that are complete, correct and consistent. Finally, they will learn how to defend their findings orally.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**



## **Course Outcome**

### **Paper 5 Tourism Anthropology**

After completing the course the students will be able to demonstrate:-

CO 1. . A comprehensive Knowledge about the role of Anthropology in tourism.

CO 2. They will learn about the socio-cultural dimensions of tourism , such as the cultures and societies.

CO3.A critical inclination to read rise of the socio- cultural study of tourism.

CO4. A socio- economical sense of understand of global economy of contemporary tourism.

CO5.A critical inclination to read to role of tourism in museum and other branches in cultural industries like music , art, food.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use for tourist as ethnographer.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

**M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER**

**COURSE CODE: MSA D01**

**COURSE TYPE: CCC**

**Paper 5 Tourism Anthropology**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01							✓	
CO-02				✓				
CO-03					✓			
CO-04						✓		
CO-05			✓					
CO-06	✓							
CO-07		✓						
CO-08								

**Course Outcome**

**Paper 5 Displacement & Disaster Management**

After completing the course the students will be able to demonstrate:-

CO 1. . A comprehensive Knowledge of concept about disaster in natural and manmade.

CO 2. A critical understanding of the people perception of disaster.

CO 3. A capacity to compare and contrast of natural and manmade situation of displacement.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use in displaced and rehabilitation.

CO 5. This paper give to knowledge what kind of problem faced of displaced and rehabilitized people and how they survive.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA D02</b>	<b>COURSE TYPE: CCC</b>
<b>Paper 5 Displacement &amp; Disaster Management</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01			✓					
CO-02					✓			
CO-03	✓							
CO-04							✓	
CO-05						✓		
CO-06				✓				
CO-07		✓						
CO-08								

**Course Outcome**

**Practicals In Museology**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of museology.

CO 2. A critical understanding to classification of museum.

CO 3..A critical inclination to read to preservation and conservation of various museum specimens.

CO 4. A sense of techniques of display of artifacts of museum.

CO 5. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use for tribal society and primitive groups.

CO 6. Practical help to understanding to various past human life in current changing perspectives.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER
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<b>COURSE CODE: MSA405</b>	<b>COURSE TYPE: CCC</b>
<b>Practicals In Museology</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02					✓			
CO-03				✓				
CO-04	✓							
CO-05			✓					
CO-06								
CO-07								
CO-08								

**Course Outcome**

## **Practicals In Ethnomuseological Fieldwork Based Report And Seminar**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of life of ethnic groups.

CO 2. A critical understanding of the key concepts in implementation of material culture.

CO 3. A capacity to comparative study of past and current human material culture like housing pattern, musical instrument, fishing, hunting and mask etc.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in ethnomuseology study.

CO 6. Practical help to building capacity of seminar presentation after completing fieldwork.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>M.A./M.Sc. ANTHROPOLOGY - FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA405</b>	<b>COURSE TYPE: CCC</b>

**Practicals In Ethnomuseological Fieldwork Based Report And Seminar**

CO-08 CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02					✓			
CO-03				✓				
CO-04	✓							
CO-05			✓					
CO-06								
CO-07								

**RAJEEV GANDHI GOVT. POST GRADUATE COLLEGE,  
AMBIKAPUR, SURGUJA (CG), INDIA**



**Learning Outcomes based Curriculum Framework  
FOR  
UNDERGRADUATE PROGRAMME  
B.A. (ANTHROPOLOGY)  
SEMESTER SYSTEM  
SESSION 2023-2024**

**B.A. ANTHROPOLOGY – FIRST SEMESTER**

**Fundamentals Of Anthropology**

## Course Outcomes

After completing the course the students will be able to : -

CO 1. A comprehensive Knowledge of Anthropology and its different branches like Physical/Biological Anthropology, Socio-Cultural Anthropology, Archaeological Anthropology And Linguistic Anthropology.

CO 2. A descriptive Knowledge of Anthropology and how its relationship with other branches of anthropology and other related disciplines like life science, medical science, social science, history, economics, sociology, psychology and political science.

CO 3. A critical understanding of human origin and evolution with respect to hominid fossils, human variation, human genetics and human growth and development.

CO 4. A critical understanding of the key concepts in foundation in socio-cultural anthropology social institutions like culture, society, community, group and human institutions like family, marriage, kinship and religion in past and current period .

CO 6. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques like observation, schedule, questionnaire and geneology in Anthropology.

CO 7. To understand of fundamentals of archaeological anthropology, tool typology and technology, cultural evolution and dating technique in archaeology.

### Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>B.A. ANTHROPOLOGY - FIRST SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>
<b>Fundamentals Of Anthropology</b>	



**B.A. ANTHROPOLOGY – SECOND SEMESTER**

**FUNDAMENTALS OF PHYSICAL/BIOLOGICAL ANTHROPOLOGY**

**Course Outcomes**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of Physical Anthropology and how it is related to other branches of biological, social and medical sciences.

CO 2. A critical understanding of human origin and evolution.

CO 3. A capacity to compare and contrast anatomy of man and apes.

CO 4. To understand of classification of animal kingdom and Man Place at animal kingdom.

CO 5. A critical inclination to study of classification of human fossils like ramapithecus to chancelade man.

CO 6. A critical understanding of the key concepts about genetic material DNA, RNA genetic code and theories of inheritance.

CO 7. A research tendency to go for innovative studies for students some basic idea about how to compare to fossils each other .

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY - SECOND SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>





# **B.A. ANTHROPOLOGY Semester-III**

**PAPER:- ARCHAEOLOGICAL ANTHROPOLOGY**

**COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A Comprehensive Knowledge of Archaeological anthropology and its branches like classical archaeology, historical archaeology, prehistoric archaeology and protohistoric archaeology of anthropology and other related disciplines like earth science, social science, life science and history.

CO 2. A critical understanding of tools and technology, absolute and relative dating.

CO 3. A critical inclination to read geological timescale and cultural expressions of each epoch.

CO 4. A capacity to compare and contrast Plaeolithic culture, Mesolithic culture and Neolithic culture in the context of Europe and india.

CO 5. A socio- cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.

CO 6. This paper help to know past human life special reference of chalco-lithic, Indus valley civilization and megalithic period.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – THIRD SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>

**PAPER:- ARCHAEOLOGICAL ANTHROPOLOGY**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02			✓			✓		
CO-03							✓	
CO-04					✓			
CO-05				✓				
CO-06		✓						
CO-07								
CO-08								

**B.A. ANTHROPOLOGY Semester-IV**

**PAPER:- TRIBAL CULTURE OF INDIA**

**COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of tribes and schedule tribe in Indian context and geographical distribution.

CO 2. A critical understanding of tribal institutional structure as family, marriages, economy and religion, magic, witchcraft, lineage, clan, youth dormitories.

CO 3. A capacity to analysis of the various pre and post independence tribal development plans and projects which implemented in India.

CO 4. A research tendency to go for innovative studies for review development projects and prepare reports on the same.

CO 5 A critical inclination to read constitutional safe guards.

CO 6. A tribal problem in the sense of socio-cultural contact, economic, health & nutrition, education, agricultural, land alienation, indebtedness, bonded labour displacement/ rehabilitation and migration etc.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>
<b>PAPER:- TRIBAL CULTURE OF INDIA</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03							✓	
CO-04			✓		✓			
CO-05				✓		✓		
CO-06								
CO-07								
CO-08								

**B.A. ANTHROPOLOGY Semester-IV**

**PRACTICAL IN MATERIAL CULTURE AND RESEARCH TOOLS**

**COURSE OUTCOME**

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, drawand interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture,music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

CO 5. A research tendency to go for innovative studies for students for preparation of schedule, Geneology and Questionnaire.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>
<b>PRACTICAL IN MATERIAL CULTURE AND RESEARCH TOOLS</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03							✓	
CO-04			✓		✓			
CO-05				✓		✓		
CO-06								
CO-07								
CO-08								

## **B.A. Semester-V**

**PAPER:- FUNDAMENTALS OF HUMAN GENETICS AND HUMAN GROWTH**

**COURSE OUTCOME**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of human genetics

CO 2- A critical understanding of the key concepts about genetic material DNA and RNA, gene, cell division, chromosome, mendelism and types of inheritance.

CO 3- A descriptive intelligence about the concept of race, racial classification and racial element in india.

CO 4- A capacity to compare and contrast of human ecology and human ecosystem and different demographics profiles like fertility, mortality and morbidity.

CO 5. A critical inclination to read human growth and its different studying method.

CO 4. A research tendency to go for innovative studies for students some basic idea about ABO- blood group, P.T.C., colour blindness and dermatoglyphics, genetic counseling, eugenics and population genetics.



## Mapping of CO(Course Outcome) and PO(Program Outcome

<b>B.A. ANTHROPOLOGY – FIFTH SEMESTER</b>	
<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>
<b>PAPER:- FUNDAMENTALS OF HUMAN GENETICS AND HUMAN GROWTH</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01		✓						
CO-02	✓					✓		
CO-03							✓	
CO-04			✓					
CO-05				✓				
CO-06					✓			
CO-07								
CO-08								

**B.A. Semester-VI**

## **PAPER:- THEORIES IN SOCIAL CULTURAL ANTHROPOLOGY**

### **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive knowledge to contribution of anthropologist as E. Durkhim,F Boas, SC Dubey, LP vidyarthi etc in Social and Cultural Anthropology.

CO 2. A critical understanding of the key concepts of evolutionism, diffusionism, functionalism, structuralism and structure-functionism, in Social and Cultural Anthropology.

CO 3. A capacity to compare and contrast between evolutionism, diffusionism, functionalism, structuralism and structure-functionism, in Social and Cultural Anthropology.

CO 4. A critical inclination to read anthropological approaches to study of personality development and national character.

CO 5. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques like schedule, questionnaire, interview, case study etc in Social and Cultural Anthropology.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>COURSE CODE: MSA101</b>	<b>COURSE TYPE: CCC</b>
<b>PAPER:- THEORIES IN SOCIAL CULTURAL ANTHROPOLOGY</b>	

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02					✓			
CO-03		✓					✓	
CO-04				✓				
CO-05						✓		
CO-06								
CO-07								
CO-08								

## **B.A. Semester-VI**

**PRACTICAL IN SOMATOMETRY, GENETIC TRAIT AND STATISTICS**

**COURSE OUTCOME**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of taking Somatometric measurement in different land mark and indices.

CO 2. A capacity to comparative study about dermatoglyphics trait and cognize how to this trait is useful for individuals identification.

CO 3. A comprehensive Knowledge of the blood group system and how to identified blood group in human

CO 4. A critical inclination to read to colour blindness and PTC.

CO 5. A critical understanding of measures of central tendencies like mean, median, standard deviation and X<sup>2</sup>- test.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**



**RAJEEV GANDHI GOVT. POST GRADUATE COLLEGE,  
AMBIKAPUR, SURGUJA (CG), INDIA**



**RAJEEV GANDHI GOVT. AUTONOMOUS POST GRADUATE COLLEGE,  
AMBIKAPUR**

**UNDER GRADUATE COURSE IN  
ANTHROPOLOGY  
(UNDER NEP 2020)**

**BASED ON UGC MODEL CURRICULUM**

**BACHLOR OF ARTS**

**ANTHROPOLOGY (HONOURS)**

**2023-24**

**SEMESTER I, II, III, IV, V & VI**

(DSC, DSCE& GE )



## DEPARTMENT OF ANTHROPOLOGY

### VISION

The vision of the Anthropology Department is to provide in proficiency both in depth understanding of principles and concept of Anthropology, theoretical and experimental Anthropology. The Department aims to enhance the students' knowledge in basic and applied Anthropology. To inculcate aptitude for a research



career in academia by introducing advanced ideas and techniques that are applicable while emphasizing the underlying concepts of Anthropology.

### MISSION

- To impart quality education in Anthropology such that they aim to become Scientists in reputed Research Organisations. To make the students effectively disseminate their knowledge in Anthropology to coming generations..
- Develop the capacity and know-how to apply principles/laws of Anthropology to solve the problems. The ability to do and interpret the data obtained in experiments. To become a center of excellence and extend research facilities.
- Apply the Anthropology knowledge for sustainable development useful for society. Assume responsibility and always practice ethical principles. To function effectively as individual as well as in a team.

### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

<b>PEO 1</b>	Professional Skill Development To provide professional training and skill development to students in anthropology, related disciplines and nurture them to become responsible persons in the society.
<b>PEO 2</b>	Core Competency Development To augment their core-competencies and knowledge levels in science, humanities and inter-disciplinary areas by imparting education of high standards and advanced research technique.

<b>PEO 3</b>	<p>Innovative Curriculum of Global Relevance</p> <p>To upgrade the curriculum periodically based on scientific advancements, innovations and societal relevance, so as to cater to the shifting global demands.</p>
<b>PEO 4</b>	<p>Environmental Sensitivity and Sustainability</p> <p>To infuse environmental sensitivity in students through academic activities and hence equip them with technical skills and scientific knowledge required to protect and safeguard the environment for a sustainable future.</p>
<b>PEO 5</b>	<p>Ethical Principles and Holistic Development</p> <p>To promote ethical values and focus on the holistic development of students to become proficient, skilled, competent and socially responsible people.</p>
<b>PEO 6</b>	<p>Accessibility and Academic Excellence</p> <p>To provide an accessible learning environment of excellence and equal opportunity to students, enabling them to develop their creativity, critical thinking, and leadership and employability skills.</p>

## PROGRAMME OUTCOMES (POs)

<b>PO 1</b>	Disciplinary and inter-disciplinary knowledge for capacity building Students will acquire improved knowledge of the laws governing nature through classroom teaching and experimenting in the laboratories. They will develop a sense of interdisciplinary approach to identify and resolve issues through project, seminars, field work, internships and industrial visits.
<b>PO 2</b>	Skills for effective and efficient communication Students will be able to improve and enhance their communication skills such as reading, writing, listening and speaking. This will help them to express their ideas clearly and effectively and subsequently empower them to become agents of social change and hence pave the way for betterment of the society at large.
<b>PO 3</b>	Sense of inquiry and problem-solving skills Students will demonstrate the core competencies of their discipline through analytical reasoning, problem solving and research related skills, cooperation, team work, scientific reasoning and thinking that

	would make them emerge as entrepreneurs or administrative personnel.
<b>PO 4</b>	<p>Skills to impact society</p> <p>Students will develop leadership, teamspirit and other skills which will help them to identify, approach and analyze the existing societal problems with an eye to look beyond gender, age, caste, creed or nationality and work for the emancipation and empowerment of humanity.</p>
<b>PO 5</b>	<p>Energy, Ethics and Environment</p> <p>They will be able to involve themselves in framing policies and develop scientific temper to harness energy and work on alternate resources. They will be aware of the environmental issues and imbibe the spirit of ethical values in establishing a self-sustained environment for a healthy society.</p>
<b>PO 6</b>	<p>Self-directed and lifelong learning</p> <p>Through digital literacy, students will engage in self-paced and curious learning with limitless knowledge acquisition and hence develop motivation for a sustained lifelong learning capability. Students will accumulate knowledge by continuous learning and leverage the past knowledge seamlessly to solve the problems in the future.</p>
<b>PO 7</b>	<p>National and international-priorities preferences and perspectives</p> <p>Students will be able to prioritize national and global issues with an aim to build a nation and an integrated world through contributions that imbibe the spirit of multicultural competency, creative thinking, critical analysis, political awareness and the much-needed international policies.</p>

### **PROGRAMME SPECIFIC OUTCOMES (PSOs)**

<b>PSO 1</b>	Acquire scientific temper leading to critical thinking and research motivation in Anthropology and its allied areas.
<b>PSO 2</b>	Gain knowledge and the skills to measure some of the properties of solid materials and understand the underlying principles governing the dynamics of rigid bodies.
<b>PSO 3</b>	Gain knowledge and the skills to measure some of the properties of solid materials and understand the underlying principles governing the dynamics of rigid bodies.
<b>PSO 4</b>	Design and construct electronic circuits with computer interfacing for sophisticated analysis of material behavior and properties.

<b>PSO 5</b>	Comprehend algebraic concepts and advanced mathematical tools involved in the interpretation of various physical properties of materials.
<b>PSO 6</b>	Attain the required skills to interpret the Anthropology behind the phenomena occurring in nature and surroundings and hence apply them to enhance our life style.
<b>PSO 7</b>	Develop essential logical and analytical skills to approach a problem both quantitatively and qualitatively.

## **Graduate Attributes In Anthropology**

The postgraduate attributes reflect the particular quality and feature or characteristics of an individual, including the knowledge, skills, attitudes and values that are expected to be acquired by a postgraduate through studies at the higher education institution (HEI) such as a college or university. Such attributes include capabilities that help strengthen one's abilities for widening current knowledge base and skills, gaining new knowledge and skills, undertaking future studies and performing well in a chosen career and playing a constructive role as responsible citizen of the country. The Attributes define the characteristics of a student's university degree programmes, and describe a set of characteristics/competencies that are designed to be transferable beyond the particular disciplinary area and programme reference in which they have been developed. Such attributes are fostered through meaningful learning experiences made available through the

curriculum, the total college/university experiences and a process of critical and reflective thinking. The learning outcomes-based curriculum framework is based on the premise that every student is marvelous. Each student has his/her own characteristics in terms of previous learning levels and experiences, life experiences, learning styles and approaches to future career-related actions. The quality, depth and breadth of the learning experiences made available to the students while at the college/University help develop their characteristic attributes. The postgraduate attributes reflect both disciplinary knowledge and understanding and generic/global skills and competencies that all students in different academic fields of study should acquire/attain and Upbuild. Some of the desirable attributes which a postgraduate student should Upbuild will include the following :-

- **Disciplinary Knowledge:** Upbuild comprehensive knowledge and understanding of one or more disciplines that form a part of a programme of study, and knowledge and skills acquired from interaction with educators and peer group throughout the programme of study.
- **Communication Skills:** Express thoughts and ideas effectively in writing and orally, communicate with others using appropriate media, confidently share one's views and express herself/himself, Upbuild the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
- **Critical Thinking:** Apply analytic thought to a body of knowledge, analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence, identify relevant assumptions or implications, formulate coherent arguments, critically evaluate practices, policies and theories by following scientific approach to knowledge development.
- **Problem Solving:** Upbuild capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge and apply one's learning to real life situations.
- **Analytical Reasoning:** Upbuild the ability to evaluate the reliability and relevance of evidence, identify logical flaws and holes in the arguments of others, analyse and synthesise data from a variety of sources, draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
- **Research Skills:** Upbuild a sense of inquiry and capability for asking relevant/appropriate questions, problematising, synthesising and articulating, Upbuild the ability to recognise cause-and-effect relationships, define problems, formulate hypothesis, test hypothesis, analyse, interpret and draw conclusions from data, establish hypothesis, predict cause-and-effect relationships, plan, execute and report the results of

an experiment or investigation.

- **Collaboration/Cooperation/Team work:** Upbuild ability to work effectively and respectfully with diverse teams, facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
- **Scientific Reasoning using Quantitative/Qualitative Data:** Upbuild the ability to understand cause-and-effect relationships, define problems, apply scientific principles, analyse, interpret and draw conclusions from quantitative/qualitative data, and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
- **Reflective Thinking:** Upbuild critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.
- **Information/Digital Literacy:** Upbuild capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources and to use appropriate software for analysis of data.
- **Self-Directed Learning:** Upbuild ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
- **Multicultural Competence:** Upbuild knowledge of the values and beliefs of multiple cultures and a global perspective, effectively engage in a multicultural society, interact respectfully with diverse groups.
- **Moral and Ethical Awareness/Reasoning:** Demonstrate the ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Upbuild the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights, appreciate environmental and sustainability issues, and adopt objective, unbiased and truthful actions in all aspects of work.
- **Community Engagement:** Upbuild responsible behaviour and ability to engage in the intellectual life of the educational institution, and participate in community and civil affairs.
- **Leadership Readiness/Qualities:** Upbuild capability for mapping out where one needs to go to "win" as a team or an organization, and set direction, formulate an inspiring vision, build a team who can help achieve the vision, motivate and inspire team members to engage with that vision, and use management skills to guide people to the right destination, in a smooth and efficient way.
- **Lifelong Learning:** Upbuild the ability to holistic knowledge and skills, including



'learning how to learn' that are mandatory for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

## **Qualification descriptors for a UG programs in Anthropology**

The qualification descriptors for B.A. (anthropology). The graduates should be able to:

- Demonstrate (i) a fundamental/systematic or coherent understanding of the academic field of Anthropology, its different learning areas like physical anthropology, social anthropology, archaeology, forensic anthropology, molecular genetics, ecological anthropology, medical anthropology, urban anthropology, tribal development, applied anthropology etc. ;

(ii) procedural knowledge that creates different types of professionals related to different areas of study in Anthropology outlined above, including research and development, teaching and government and public service;

(iii) skills in areas related to specialization area relating the subfields and current developments in the academic field of Anthropology.

- Use knowledge, understanding and skills required for identifying problems and issues relating to Anthropology, collection of relevant quantitative and/or qualitative data drawing on a wide range of sources from various Anthropology laboratories of the world, and their application, analysis and evaluation using methodologies as appropriate to Anthropology for formulating new theories and concepts.
- Communicate the results of studies undertaken accurately in a range of different contexts using the main concepts, constructs and techniques of Anthropology. Develop communication abilities to present these results in technical as well as popular science meetings organized in various universities and other private organizations.
- Ability to meet one's own learning needs, drawing on a range of current research and development work and professional materials, and interaction with other physicists around the world.
- Apply one's knowledge of Anthropology and theoretical and laboratory skills to new/unfamiliar contexts to identify and analyse problems and issues and solve complex problems in Anthropology and related areas with well-defined solutions.
- Demonstrate Anthropology-related technological skills that are relevant to Anthropology-related job trades and employment opportunities.

## **The Programme learning outcomes relating to B.A. Course in Anthropology:**

The student graduating with the Degree for B.A. (anthropology). The graduates should be able to:

- Acquire

(i) a fundamental/systematic or coherent understanding of the academic field of Anthropology, its different learning areas and applications in basic Anthropology like Anthropology, its different learning areas like physical anthropology, social anthropology, archaeology, forensic anthropology, molecular genetics, ecological anthropology, medical anthropology, urban anthropology, tribal development, applied anthropology etc (ii) procedural knowledge that creates different types of professionals related to the disciplinary/subject area of Anthropology, including professionals engaged in research and development, teaching and government/public service; (iii) skills in areas related to one's specialization area within the disciplinary/subject area of Anthropology and current and emerging developments in the field of Anthropology.

- Demonstrate the ability to use skills in Anthropology and its related areas of technology for formulating and tackling Anthropology-related problems and identifying and applying appropriate anthropological principles and methodologies to solve a wide range of problems associated with Anthropology.

- Recognize the importance of statistical modeling simulation and computing, and the role of approximation and statistical approaches to describing the anthropological world.

- Plan and execute Anthropology-related experiments or investigations, analyze and interpret data/information collected using appropriate methods, including the use of appropriate software such as programming languages and purpose-written packages, and report accurately the findings of the experiment/investigations while relating the conclusions/findings to relevant theories of Anthropology.

- Demonstrate relevant generic skills and global competencies such as (i) problem-solving skills that are required to solve different types of Anthropology-related problems with well-defined solutions, and tackle open-ended problems that belong to the disciplinary-area boundaries; (ii) investigative skills, including skills of independent investigation of Anthropology-related issues and problems; (iii) communication skills involving the ability to listen carefully, to read texts and research papers analytically and to present complex information in a concise manner to different groups/audiences of technical or popular nature; (iv) analytical skills involving paying attention to detail and ability to construct logical arguments using correct technical language related to Anthropology and ability to translate them with popular language when needed; (v) ICT skills; (vi) personal skills such as the ability to work both independently and in a group.

- Demonstrate professional behavior such as (i) being objective, unbiased and truthful in all aspects

The B.A. Anthropology programme is a three-year course divided into six semesters. The syllabus and schemes of examination are detailed herewith.















	DSCE	PRACTICAL IN INDIAN ARCHAEOLOGY								
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## **B.A.(DSC) ANTHROPOLOGY**

### **B.A. SEMESTER-I**

#### **COURSE OUTCOME**

##### **FUNDAMENTALS OF SOCIAL/CULTURAL ANTHROPOLOGY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of Social and Cultural Anthropology and how it is related to other branches of Anthropology like Physical Anthropology, Archaeological Anthropology and Linguistic Anthropology, besides knowing its relationship with other disciplines with Sociology, Psychology and History.

CO 2. A critical understanding of the key concepts in Social and Cultural Anthropology, attributes of culture, acculturation, transculturation, civilization, society, status and role

CO 3. A capacity to compare and contrast of social institutions like family, marriage, kinship and religion in past and current period.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in Social and Cultural Anthropology.

CO5. A critical inclination to read anthropological approaches to study of religion as animism, totemism, bonoism and magic also.

CO6. A socio- economical sense of economic organization, stage of economy, cultivation, system of trade exchange and primitive law and political organization in changing perspective



## **COURSE OUTCOME**

### **PRACTICAL IN FIELD WORK AND RESEARCH TECHNIQUES**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of scientific research in anthropology with nature of social science, relationship of social science with natural, physical and humanities.

CO 2. A critical understanding of the key concepts research methodology, research design, research problem, literature review, conceptual framework, hypothesis, data collection, analysis of data and report writing.

CO 3. A critical inclination to read methods like preparation of geology, observation, case study and interview.

CO 4. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely used tools and techniques.



# **B.A. (GE) ANTHROPOLOGY**

## **B.A. SEMESTER-I**

### **INTRODUCTION OF ANTHROPOLOGY**

#### **COURSE OUTCOMES**

After completing the course the students will be able to :-

CO 1. A comprehensive Knowledge of Anthropology and its different branches like Physical/Biological Anthropology, Socio-Cultural Anthropology, Archaeological Anthropology And Linguistic Anthropology.

CO 2. A descriptive Knowledge of Anthropology and how its relationship with other branches of anthropology and other related disciplines like life science, medical science, social science, history, economics, sociology, psychology and political science.

CO 3. A critical understanding of human origin and evolution with respect to hominid fossils, human variation, human genetics and human growth and development.

CO 4. A critical understanding of the key concepts in foundation in socio-cultural anthropology social institutions like culture, society, community, group and human institutions like family, marriage, kinship and religion in past and current period.

CO 6. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques like observation, schedule, questionnaire and genealogy in Anthropology.

CO 7. To understand of fundamentals of archaeological anthropology, tool typology and technology, cultural evolution and dating technique in archaeology.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY - FIRST SEMESTER</b>
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**COURSE CODE:** \_\_\_\_\_ **COURSE TYPE: G.E.**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02		✓						
CO-03							✓	
CO-04	✓							
CO-05					✓			
CO-06			✓					
CO-07				✓				
CO-08								

**COURSE OUTCOME**

**PRACTICAL IN ANTHROPOLOGY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of human skeletal bones ,sketching and labeling of various normas of skull and other bones.

CO 2. A capacity to compare and contrast to taking craniometric measurement in different land mark and indices.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**B.A. ANTHROPOLOGY - SECOND SEMESTER**

**COURSE CODE:**

**COURSE TYPE: DSC**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03							✓	
CO-04						✓		
CO-05					✓			
CO-06			✓					
CO-07				✓				
CO-08								

**B.A. DSC ANTHROPOLOGY**

# **SEMESTER-II**

## **FUNDAMENTALS OF PHYSICAL/ BIOLOGICAL ANTHROPOLOGY**

### **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of Physical Anthropology and how it is related to other branches of biological, social and medical sciences.

CO 2. A critical understanding of human origin and evolution.

CO 3. A capacity to compare and contrast anatomy of man and apes.

CO 4. To understand of classification of animal kingdom and Man Place at animal kingdom.

CO5.A critical inclination to read to classification, geographical distribution and chief characteristic of primates.

CO 6.To develop sence about man how to become erect posture and bipedalism.

CO 7. A research tendency to go for innovative studies for students some basic idea about how to compare to fossils each other .

## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>B.A. ANTHROPOLOGY - SECOND SEMESTER</b>	
<b>COURSE CODE: MSA 111</b>	<b>COURSE TYPE: DSC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03								
CO-04								
CO-05								
CO-06								
CO-07								
CO-08								

**PRACTICAL IN OSTEOLOGY, SOMATOMETRY & SOMATOSCOPY**

## **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of human skeletal bones ,sketching and labeling of various normas of skull and other bones.

CO 2. A capacity to compare and contrast to taking craniometric measurement in different land mark and indices.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**B.A. ANTHROPOLOGY - SECOND SEMESTER**

**COURSE CODE:**

**COURSE TYPE: GE**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02		✓						
CO-03							✓	
CO-04	✓							
CO-05				✓				
CO-06			✓					
CO-07								
CO-08								

**B.A. GE ANTHROPOLOGY**

# **SEMESTER-II**

## **PAPER:- INTRODUCTION OF PREHISTORIC ARCHAEOLOGY**

### **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A Comprehensive Knowledge of Archaeological anthropology and its branches like classical archaeology, historical archaeology, prehistoric archaeology and protohistoric archaeology of anthropology and other related disciplines like earth science, social science, life science and history.

CO 2. A critical understanding of tools and technology, absolute and relative dating.

CO 3. A critical inclination to read geological timescale and cultural expressions of each epoch.

CO 4. A capacity to compare and contrast Pleolithic culture, Mesolithic culture and Neolithic culture in the context of Europe and India.

CO 5. A socio-cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.

CO 6. This paper help to know past human life special reference of Chalcolithic, Indus valley civilization and megalithic period.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**



**B.A. ANTHROPOLOGY – SECOND SEMESTER**

**COURSE CODE:**

**COURSE TYPE: GE**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01			✓					
CO-02		✓						
CO-03				✓				
CO-04	✓							
CO-05								
CO-06								
CO-07								
CO-08								

**COURSE OUTCOME**

**PRACTICALS IN ARCHAEOLOGY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, drawand interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture,music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – THIRD SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02	✓							
CO-03					✓			
CO-04		✓						
CO-05				✓				
CO-06			✓					
CO-07								
CO-08								

**B.A. DSC ANTHROPOLOGY  
SEMESTER-III**

**PAPER- ARCHAEOLOGICAL ANTHROPOLOGY**

## **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A Comprehensive Knowledge of Archaeological anthropology and its branches like classical archaeology, historical archaeology, prehistoric archaeology and protohistoric archaeology of anthropology and other related disciplines like earth science, social science, life science and history.

CO 2. A critical understanding of tools and technology, absolute and relative dating.

CO 3. A critical inclination to read geological timescale and cultural expressions of each epoch.

CO 4. A capacity to compare and contrast Pleolithic culture, Mesolithic culture and Neolithic culture in the context of Europe and India.

CO 5. A socio-cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.

CO 6. This paper help to know past human life special reference of Chalcolithic, Indus valley civilization and megalithic period.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – THIRD SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSC</b>



## **COURSE OUTCOME**

### **PRACTICALS IN ARCHAEOLOGY**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identify, draw and interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture, music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – THIRD SEMESTER</b>
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<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>
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CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02		✓						
CO-03							✓	
CO-04	✓							
CO-05			✓					
CO-06				✓				
CO-07					✓			
CO-08								

**B.A. DSEC ANTHROPOLOGY  
SEMESTER -III**

**PAPER-GENERALINTRODUCTION OF ANTHROPOLOGY**

## **COURSE OUTCOMES**

After completing the course the students will be able to : -

CO 1. A comprehensive Knowledge of Anthropology and its different branches like Physical/Biological Anthropology, Socio-Cultural Anthropology, Archaeological Anthropology And Linguistic Anthropology.

CO 2. A descriptive Knowledge of Anthropology and how its relationship with other branches of anthropology and other related disciplines like life science, medical science, social science, history, economics, sociology, psychology and political science.

CO 3. A critical understanding of human origin and evolution with respect to hominid fossils, human variation, human genetics and human growth and development.

CO 4. A critical understanding of the key concepts in foundation in socio-cultural anthropology social institutions like culture, society, community, group and human institutions like family, marriage, kinship and religion in past and current period.

CO 6. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques like observation, schedule, questionnaire and geneology in Anthropology.

CO 7. To understand of fundamentals of archaeological anthropology, tool typology and technology, cultural evolution and dating technique in archaeology.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – THIRD SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>





## **COURSE OUTCOME**

### **PRACTICALS IN SOMATOMETRY & SOMATOSCOPY**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of human skeletal bones and their importance in biological anthropology, osteology and forensic science.

CO 2. A descriptive and comparative study of human bones as skull, pelvic girdle, upper arm, lower arm and vertebral column etc.

CO 3. A capacity to compare and contrast of different ethnicity through somatoscopic observation.

CO 4. A understand how to identification of age, sex and ethnicity through through bones remains.

CO 5. A research tendency to go for innovative studies about somatometric measurement to how is useful in field of sports, nutrition and industry etc.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>
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<b>COURSE CODE:</b>	<b>COURSE TYPE: DSC</b>
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CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02		✓						
CO-03					✓			
CO-04	✓							
CO-05			✓					
CO-06						✓		
CO-07								
CO-08								

**B.A. DSC ANTHROPOLOGY  
SEMESTER -IV**

**PAPER- MUSEOLOGY**

**COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge about the history and development of musems in India.

CO 2. A descriptive intelligence about the role of anthropology in the Museum andhow to manage museum object.

CO 3. A critical inclination to read role, importance & primary function of museum in the historical,social and economical perspective.

CO 4. A making sense about Display of museum Techniques, storage and conservation of different categories of museum specimens.

CO 5. A critical understanding about acquisition,Digitalization and documentation of museum specimens.

CO 6. To understand about museum Tourism.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03					✓			
CO-04			✓					
CO-05				✓				
CO-06						✓		
CO-07								
CO-08								

**COURSE OUTCOME**  
**PRACTICALS IN MUSEOLOGY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of museology.

CO 2. A critical understanding to classification of museum.

CO 3..A critical inclination to read to preservation and conservation of various museum specimens.

CO 4. A sense of techniques of display of artifacts of museum.

CO 5. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques use for tribal society and primitive groups.

CO 6. Practical help to understanding to various past human life in current changing perspectives.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02		✓						
CO-03				✓				
CO-04	✓							
CO-05					✓			
CO-06			✓					
CO-07								
CO-08								

**B.A. DSEC ANTHROPOLOGY  
SEMESTER -IV**

## **COURSE OUTCOME**

### **PAPER- TRIBES AND PEASANTS IN INDIA**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of tribes in Indian context.

CO 2. A critical understanding of tribal institutional structure as kinship, family, marriages, economy and religion also.

CO 3. A capacity to analysis of the various pre and post independence tribal development plans and projects which implemented in India.

CO 4. A research tendency to go for innovative studies for review development projects and prepare reports on the same.

CO 5 A critical inclination to read constitutional safe guards.

CO 6. A tribal problem in the sense of socio-cultural, economic ,health & nutrition, education, agricultural, land alienation, indebtedness, bonded labour displacement/ rehabilitation and migration etc.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**



<b>B.A. ANTHROPOLOGY – FOURTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02		✓						
CO-03			✓					
CO-04	✓							
CO-05								
CO-06								
CO-07								
CO-08								

**COURSE OUTCOME**

**PRACTICAL IN ETHNOGRAPHY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, draw and interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture, music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**



# **B.A. DSC ANTHROPOLOGY SEMESTER-V**

## **COURSE OUTCOME**

### **PAPER- FUNDAMENTALS OF HUMAN GENETICS**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of origin and growth of human genetics.

CO 2- A critical understanding of the key concepts about genetic material DNA,RNA genetic code and theories of inheritance.

CO 3- A capacity to compare and contrast of chromosomal genetical disorder, immunological disorders.

CO 4- A critical inclination to read about inborn error of metabolism.

CO 5- A descriptive intelligence of offspring inherit genetic trait from theirParents.

CO 6. A critical inclination to read population genetics

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – FIFTH SEMESTER</b>
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**COURSE CODE:** \_\_\_\_\_ **COURSE TYPE: DSC**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02		✓						
CO-03			✓					
CO-04				✓				
CO-05								
CO-06								
CO-07								
CO-08								

**COURSE OUTCOME**

## **PRACTICAL IN SEROLOGY& HUMAN GENETICS**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, drawand interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture,music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**

**B.A. ANTHROPOLOGY – FIFTH SEMESTER**

**COURSE CODE:**

**COURSE TYPE: DSEC**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01				✓				
CO-02		✓						
CO-03			✓					
CO-04	✓							
CO-05								
CO-06								
CO-07								
CO-08								

**B.A. DSEC ANTHROPOLOGY  
SEMESTER-V**

# **COURSE OUTCOMES**

## **PAPER- FUNDAMENTALS OF HUMAN ORIGIN & EVOLUTION**

After completing the course the students will be able to : -

CO 1. A comprehensive Knowledge of Primate Origin And its distribution and the origin of hominoid group in the primates..

CO 2. A descriptive Knowledge of origin, distribution and characteristics of extinct hominids and the process of hominization.

CO 3. A critical understanding of human origin and evolution with respect to hominid fossils, human variation, human genetics and human growth and development.

CO 4. A critical understanding how craniometric measurements and derived indices are useful in studying evolutionary changes in modern humans.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**



**B.A. ANTHROPOLOGY – FIFTH SEMESTER**

**COURSE CODE:**

**COURSE TYPE: DSEC**

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01			✓					
CO-02		✓						
CO-03				✓				
CO-04	✓							
CO-05					✓			
CO-06								
CO-07								
CO-08								

**COURSE OUTCOME**

**PRACTICALS IN CRANIOLOGY & CRANIOMETRY**

After completing the course the students will be able to demonstrate:-

CO 1. A comprehensive Knowledge of human skeletal bones and their importance in biological anthropology, osteology and forensic science.

CO 2. A descriptive and comparative study of human bones as skull, pelvic girdle, upper arm, lower arm and vertebral column etc.

CO 3. A capacity to compare and contrast of different ethnicity through somatoscopic observation.

CO 4. A understand how to identification of age, sex and ethnicity through through bones remains.

CO 5. A research tendency to go for innovative studies about somatometric measurement to how is useful in field of sports, nutrition and industry etc.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>APPLIED ANTHROPOLOGY – SIXTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01					✓			
CO-02		✓						
CO-03			✓					
CO-04	✓							
CO-05				✓				
CO-06								
CO-07								
CO-08								

**B.A. DSC ANTHROPOLOGY  
SEMESTER-VI**

**COURSE OUTCOME**

## **PAPER :-APPLIED ANTHROPOLOGY**

After completing the course the student will able to demonstrate:-

CO 1. A comprehensive Knowledge about Applied knowledge of physical And Social Anthropology.

CO 2. A critical understanding of the key concepts in sports anthropology, nutritional anthropology, forensic anthropology, Action Anthropology, Applied Anthropology in Administration, Industry, Education, and Public Health.

CO 3. A capacity to compare and contrast of application of human genetics in medico-legal genetics, eugenics, genetic counseling, screening and genetic engineering also, policy planning issues like education, health, etc.

CO 4. A critical inclination to read application of Socio-Cultural anthropological knowledge for the welfare and development of vulnerable groups of people

CO 5. A research tendency to go for innovative studies for students some basic idea about how to collect data on the basis of some of the most widely methods and techniques in sports Anthropology, nutritional anthropology, medical anthropology and forensic anthropology also.

**Mapping of CO(Course Outcome) and PO(Program Outcome)**



# Course Outcome

## PROJECT WORK IN APPLIED ANTHROPOLOGY

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, drawand interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture,music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

## Mapping of CO(Course Outcome) and PO(Program Outcome)

<b>B.A. ANTHROPOLOGY – SIXTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>

CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01						✓		
CO-02		✓						
CO-03					✓			
CO-04	✓							
CO-05				✓				
CO-06			✓					
CO-07								
CO-08								

**B.A. DSEC ANTHROPOLOGY  
SEMESTER-VI**

## **PAPER:- INDIAN ARCHAEOLOGY**

### **COURSE OUTCOME**

After completing the course the students will able to demonstrate:-

CO 1. A Comprehensive Knowledge of Archaeological anthropology and its branches like classical archaeology, historical archaeology, prehistoric archaeology and protohistoric archaeology of anthropology and other related disciplines like earth science, social science, life science and history.

CO 2. A critical understanding of tools and technology, absolute and relative dating.

CO 3. A critical inclination to read geological timescale and cultural expressions of each epoch.

CO 4. A capacity to compare and contrast Pleolithic culture, Mesolithic culture and Neolithic culture in the context of Europe and India.

CO 5. A socio-cultural sense of stage of human civilization stone age to metal age like tools, pottery, wheel, plough, weaving and arts in painting/ Teracota in changing perspectives.

CO 6. This paper help to know past human life special reference of Chalcolithic, Indus valley civilization and megalithic period.

### **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – SIXTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>



CO   PO	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08
CO-01	✓							
CO-02			✓					
CO-03				✓				
CO-04		✓						
CO-05								
CO-06								
CO-07								
CO-08								

## **COURSE OUTCOME**

### **PRACTICAL IN INDIAN ARCHAEOLOGY**

After completing the course the students will able to demonstrate:-

CO 1. A comprehensive Knowledge of prehistoric tools and all about how to identified, draw and interpret of tools like handaxe, chopper, cleaver, scraper, knives, burine etc.

CO 2. A critical understanding of prehistoric tools.

CO 3. A capacity making of different material culture tool which are related to hunting, fishing, agriculture, music etc.

CO 4. A understand the preservation techniques of the organic and in –organic material of the museum and also cognize technique of cleaning, mending and arrangement of museum specimen.

## **Mapping of CO(Course Outcome) and PO(Program Outcome)**

<b>B.A. ANTHROPOLOGY – SIXTH SEMESTER</b>	
<b>COURSE CODE:</b>	<b>COURSE TYPE: DSEC</b>





Course code	Course Title	Description	Relevance			
			LOCAL	REGIONAL	NATIONAL	GLOBAL
CBCS B.A. I SEM. (ANTH 101)	Fundamentals Of Anthropology	<ul style="list-style-type: none"> <li>• Meaning and scope of anthropology,</li> <li>• Relationship Of Anthropology With Otherdiscipline,</li> <li>• Foundation Of Biological Anthropology, Fundamental In Social Cultural Anthropology,</li> <li>• Fundamentals In Archaeological Anthropology</li> </ul>			✓	✓
CBCS B.A. II SEM. (ANTH 101)	Fundamental Of Physical/ Biological Anthropology	<ul style="list-style-type: none"> <li>• Meaning , Scope, History Of Physical Anthropology,</li> <li>• Position Of Man In Animal Kingdom,</li> <li>• Fossils evidence of human evolution,</li> <li>• Concept Of Race, Human Genetics</li> </ul>			✓	✓
CBCS B.A. II SEM. (ANTH 101)	Practical In Osteology And Craniometry	<ul style="list-style-type: none"> <li>• Identification Of Bones Of Human Skeleton</li> </ul>			✓	✓
CBCS B.A. III SEM. (ANTH 101)	Archaeological Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of Archeological Anthropology,</li> <li>• Age of Paleolithic,</li> <li>• Mesolithic &amp; Neolithic,</li> <li>• Indus valley civilization</li> </ul>		✓	✓	✓
CBCS B.A. IV SEM. (ANTH 101)	Tribal Anthropology	<ul style="list-style-type: none"> <li>• Define tribe and schedule tribe,</li> <li>• Tribal Organization, Primitive economy, Political organization of Indian tribes,</li> <li>• Tribal development , Tribal problems</li> </ul>	✓	✓	✓	
CBCS B.A. IV SEM. (ANTH 101)	Practical In Material Culture And Research Tools	<ul style="list-style-type: none"> <li>• <b>Material Culture;</b> I (a) Food Gathering (b) Hunting (c) Fishing (d) Agriculture (e) Fire Making (f) Land and Water Transport(g) Musical Instruments and (h) Types of Habitations</li> </ul>	✓	✓	✓	

CBCS B.A. V SEM. (ANTH 101)	Fundamentals Of Human Genetics And Human Growth	<ul style="list-style-type: none"> <li>• Human genetics, Concept of race, Definition</li> <li>• scope of human growth &amp; development,</li> <li>• human ecosystem</li> </ul>		✓	✓	
CBCS B.A. VI SEM. (ANTH 101)	Theories In Social Cultural Anthropology	<ul style="list-style-type: none"> <li>• Evolutionism, diffusionism, functionalism, structuralism,</li> <li>• personality developemnet and national chharacter</li> </ul>		✓	✓	
CBCS B.A. VI SEM. (ANTH 101 )	Practical In Somatometry, Genetic Trait And Statistics	<ul style="list-style-type: none"> <li>• Indices, measurement of body,</li> <li>• statistics,</li> <li>• genetic trait</li> </ul>			✓	✓

Course code	Course Title	Description	Relevance			
			LOCAL	REGIONAL	NATIONAL	GLOBAL
DSC I SEM Anth 101	FUNDAMENTALS OF SOCIAL AND CULTURAL ANTHROPOLOGY	<ul style="list-style-type: none"> <li>• Meaning and Scope of Social Anthropology</li> <li>• Economic organization, Stages of economy</li> <li>• Marriage, Family</li> <li>• Anthropological approaches to the study of religion</li> </ul>		✓	✓	
DSC I SEM Anth 102	PRACTICAL IN FIELD WORK AND RESEARCH TECHNIQUES	<ul style="list-style-type: none"> <li>• <b>Methods:</b> Preparation of Genealogy (3), Interview: Key Informant (3), In-Depth (3); Observation: Participation (3), Quasi participation (3), non participation (3); Case study (3), Participatory method (3).</li> <li>• <b>Tools and Techniques:</b> Preparation of Questionnaire (3) and Interview schedule – Structured (3), Unstructured (3); Focus Group Discussion (3).</li> </ul>		✓	✓	✓
GE I SEM	INTRODUCTION OF ANTHROPOLOGY	<ul style="list-style-type: none"> <li>• Meaning and scope of anthropology</li> <li>• Foundation Of Biological Anthropology</li> <li>• Fundamental In Social Cultural Anthropology</li> <li>• Fundamentals In Archaeological Anthropology</li> </ul>		✓	✓	✓

GE I SEM	<b>PRACTICAL IN ANTHROPOLOGY</b>	<ul style="list-style-type: none"> <li>• <b>OSTEOLOGY</b> Identification Of Bones Of Human Skeleton. Sketching And Labeling Of Various Norma Of Skull, Overview Of Pectoral And Pelvis Girdles, Femur And Humerus Bones.</li> </ul>		✓	✓	
DSC II SEM Anth 201	Fundamentals of physical/ biological anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of physical anthropology</li> <li>• Human origin and Evolution</li> <li>• Classification, geographical distribution and chief characteristics of order Primate</li> <li>• Fossil Primates : Types, special characters, distribution and chronology</li> </ul>		✓	✓	
DSC II SEM Anth 202	Practical in osteology, somatometry & somatoscopy	<ul style="list-style-type: none"> <li>• <b>OSTEOLOGY</b> :- Identification Of Bones Of Human Skeleton. Sketching And Labeling Of Various Norma Of Skull, Overview Of Pectoral And Pelvis Girdles, Femur And Humerus Bones</li> <li>• <b>Somatometry</b>:- Maximum head length 2. Maximum head breadth 3. Nasal height 4. Nasal length 5. Nasal breadth</li> <li>• <b>Somatoscopy</b> :- Head form 2. Hair form 3. Facial form 4. Eye form 5. Nose form 6. Hair colour 7. Eye colour 8. Skin colour</li> </ul>		✓	✓	✓
GE II SEM	Introduction Of Prehistoric Archaeology	<ul style="list-style-type: none"> <li>• Introduction: Definition, Subject matter, Branches, Aims and Applications</li> </ul>	✓	✓	✓	



		<ul style="list-style-type: none"> <li>• Pleistocene Epoch in the Geological time scale</li> <li>• Introduction of Prehistoric Archaeology</li> </ul>				
GE II SEM	Practicals In Archaeology	<ul style="list-style-type: none"> <li>• Tools: Typology, Functions &amp; Technology</li> <li>• Sketching and description of representative Prehistoric tools</li> </ul>				
DSC III SEM Anth 301	Archaeological Anthropology	<ul style="list-style-type: none"> <li>• Meaning And Scope Of Archeological Anthropology</li> <li>• Ecological Time Scale: Great Ice Age, Stratigraphy And Other Evidences Of Ice Age</li> <li>• Age Of Paleolithic Savagery</li> <li>• Mesolithic Complex In North Europe. Mesolithic Complex In Western Europe</li> </ul>		✓	✓	✓
DSC III SEM Anth 302	Practicals In Archaeology	<ul style="list-style-type: none"> <li>• Tools: Typology, Functions &amp; Technology</li> <li>• Sketching and description of representative Prehistoric tools</li> <li>• Site Types: Kill sites, Habitation sites, Industry sites, Quarry sites, Burial sites.</li> <li>• Visit to museum, Excavation site, River Terraces</li> </ul>		✓	✓	✓
DSCE III SEM	General Introduction Of Anthropology	<ul style="list-style-type: none"> <li>• Meaning and scope of anthropology</li> <li>• Foundation Of Biological Anthropology</li> <li>• Fundamental In Social Cultural Anthropology</li> <li>• Fundamentals In Archaeological Anthropology</li> </ul>		✓	✓	

<p>DSCE III SEM</p>	<p>Practicals In Somatometry &amp; Somatoscopy</p>	<ul style="list-style-type: none"> <li>• Somatometry1. Maximum head length 2. Maximum head breadth 3. Nasal height4. Nasal length 5. Nasal breadth</li> <li>• Somatoscopy 1. Head form 2. Hair form 3. Facial form 4. Eye form 5. Nose form 6. Hair colour 7. Eye colour 8. Skin colour</li> </ul>	<p>✓</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>DSC IV SEM Anth 401</p>	<p>Museology</p>	<ul style="list-style-type: none"> <li>• History of Museum with special reference to India. Classification of Museums</li> <li>• The role of Anthropology in the Museum.</li> <li>• Museum Techniques. Display of proto-historic, pre-historic and ethnographical collection.</li> <li>• Conservation &amp; preservation of Anthropological Museum specimens.</li> </ul>		<p>✓</p>	<p>✓</p>	
<p>DSC IV SEM Anth 402</p>	<p>Practicals In Museology</p>	<ul style="list-style-type: none"> <li>• Classification of Museums.</li> <li>• Techniques of display of artifacts in Museum.</li> <li>• Techniques of preservation and conservation of Various Museum specimens/ cultural implements.</li> </ul>		<p>✓</p>	<p>✓</p>	
<p>DSCE IV SEM</p>	<p>Tribes And Peasants In India</p>	<ul style="list-style-type: none"> <li>• Anthropological concepts of tribe</li> <li>• Tribes and the wider world</li> <li>• Anthropological concept of peasantry</li> <li>• Tribal an peasant movements in 20th century</li> </ul>	<p>✓</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>

DSCE IV SEM	Practical In Ethnography	<ul style="list-style-type: none"><li>• 1. Research questions/objectives of the study and their relevance.</li><li>• 2. Methods and techniques used in the study.</li><li>• 3. Key findings and their significance in the context of the objectives of the study.</li><li>• 4. Critical analysis of the finding on the basis of contemporary available resources.</li></ul>	✓	✓	✓	✓
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Course code	Course Title	Description	Relevance			
			LOCAL	REGIONAL	NATIONAL	GLOBAL
M.Sc I SEM. (MSA 101)	Fundamentals Of Social/Cultural Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of Social Anthropology,</li> <li>• Economic organization: Concepts of Property, Marriage: Definition, Typology,</li> <li>• Anthropological approaches to the study of religion.</li> </ul>	✓	✓	✓	✓
M.Sc I SEM. (MSA 101)	Fundamental Of Physical/ Biological Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of physical anthropology,</li> <li>• Human origin and Evolution, Classification, geographical distribution and chief characteristics of order Primate,</li> <li>• Fossil Primates : Types, special characters, distribution and chronology.</li> </ul>	✓	✓	✓	✓
M.Sc I SEM. (MSA 101)	European Prehistoric Archaeological	<ul style="list-style-type: none"> <li>• Introduction: Definition, Subject matter, Branches, Aims and Applications,</li> <li>• Pleistocene Epoch in the Geological time scale, Eolithic Controversy, Mesolithic Culture of Europe.</li> </ul>	✓	✓	✓	✓
M.Sc I SEM. (MSA 101)	Practical In Osteology, Somatoscopy&Somatome try	<ul style="list-style-type: none"> <li>• Description of Human skeletal bones and their importance in biological anthropology, General Description of Human Bones,</li> <li>• SOMATOSCOPY, SOMATOMETRY</li> </ul>	✓	✓	✓	✓

		<ul style="list-style-type: none"> <li>Measurements on Head</li> </ul>				
M.Sc I SEM. (MSA 101)	Practical In Archeology And Material Culture	<ul style="list-style-type: none"> <li>Prehistoric Archaeology: Prehistoric tools and implements of the following list are to be identified and sketched according to their measurements and described properly, Microlith Tool Types, Museum Techniques, Museum Visits (at own expenses)</li> </ul>	✓	✓	✓	✓
M.Sc I SEM. (MSA 101)	Social Outreach , Internship & Enterprenuership	<ul style="list-style-type: none"> <li>Entrepreneurship Concept And Significance, Entrepreneurship Support Institutions And Environment, Business Opportunities and Business Planning, General Management and Finance, Market Management.</li> </ul>	✓	✓	✓	✓
M.Sc I SEM. (MSA 101)	Tribal Anthropology	<ul style="list-style-type: none"> <li>Concept of tribe in Indian context, Institutional structure, Tribal development: plans and policies, Tribal development: plans and policies.</li> </ul>		✓	✓	

M.Sc I SEM. (MSA 101)	Environmental & Forest Laws	<ul style="list-style-type: none"> <li>• Evolution of forest and wild life laws, Forest protection and law</li> <li>• Wild life protection and law</li> <li>• Introduction to legal system</li> <li>• Environmental constitution.</li> </ul>	✓	✓	✓	
M.Sc II SEM. (MSA102)	Applied Physical/Biological Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of Applied Physical/Biological Anthropology, Applications of Human Genetics, Artificial limbs and footwear, Applied anthropology in industry.</li> </ul>		✓	✓	✓
M.Sc II SEM. (MSA102)	Applied Socio-Cultural Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of Applied Socio-Cultural Anthropology, Concept of Sol Tax in Action</li> <li>• Anthropology, Applied Anthropology and Development, Indigenous Technology.</li> </ul>	✓	✓	✓	
M.Sc II SEM. (MSA102)	Indian Prehistoric Archaeology	<ul style="list-style-type: none"> <li>• Cultural Chronology, Paleolithic Times in India,</li> <li>• Cultural Chronology: Mesolithic Times in India, Their Stratigraphic Position, Distribution,</li> <li>• Protohistory Period with special reference to Sindhu Valley Civilization.</li> </ul>	✓	✓	✓	

M.Sc II SEM. (MSA102)	Research Methodology & Computer Application : Basics	<ul style="list-style-type: none"> <li>• Meaning and characteristics of research</li> <li>• Selection Of Problem For Research</li> <li>• Tools Of Research</li> <li>• Methods Of Research</li> <li>• Writing Research Report</li> </ul>	✓	✓	✓	
M.Sc II SEM. (MSA102)	Reading Of Ethnography	<ul style="list-style-type: none"> <li>• Meaning and definition of Ethnography</li> <li>• Theoretical contributions of some Eminent Social and Cultural Anthropologists</li> <li>• Indian Context of Ethnography; Tradition of Tribal Studies</li> <li>• Ethnographic Research. Writing and Ethnography</li> </ul>	✓	✓	✓	✓
M.Sc II SEM. (MSA102)	Lab Course Ii– Project Report/ Field Report	<ul style="list-style-type: none"> <li>• The course is designed to make the student carry out field work in the planning of project proposal</li> <li>• The department using conventional and scientific methods at various stages of the field dissertation</li> <li>• The students are required to work with the community for a period of 7-10 days in the village.</li> </ul>	✓	✓	✓	✓

<p>M.Sc II SEM. (MSA102)</p>	<p>Practical In Craniology And Craniometry</p>	<ul style="list-style-type: none"> <li>• <b>CRANIOMETRY</b> (i) Maximum Cranial Length; (ii) Glabella-Inion Length; (iii) Nasion-Inion Length; (iv) Maximum Cranial Breadth; (v) Greatest Occipital Breadth; (vi) Bi-mastoid Diameter; (vii) Bi-auricular Breadth; (viii) Greatest Frontal Breadth;</li> <li>• <b>INDICES</b> (i) Cranial Index; (ii) Nasal Index; (iii) Upper Facial Index; (iv) Transverse Fronto-Parietal Index; (v) Transverse Cranio-Facial Index.</li> </ul>	✓	✓	✓	✓
<p>M.Sc II SEM. (MSA102)</p>	<p>Practical In Computer Application</p>	<ul style="list-style-type: none"> <li>• <b>Computer Fundamentals</b> <b>Computer System</b> : Features, Basic Applications of Computer, Generations of computers.</li> <li>• <b>Parts of Computer System</b> : Block Diagram of Computer System ; Central Processing Unit (CPU)</li> <li>• <b>Operating Systems - MS Windows</b> : Basics of Windows OS</li> <li>• <b>Word Processing - MS Word</b></li> <li>• <b>Presentation Software - MS Power Point</b></li> </ul>	✓	✓	✓	✓



<p>M.Sc III SEM.(MSA 301)</p>	<p>Group- A  Paper 1 :-Applied Physical/Biological Anthropology</p>	<ul style="list-style-type: none"> <li>• Meaning and Scope of Applied Biological Anthropology</li> <li>• Applications of Human Genetics</li> <li>• Function and Physiological Changes of Main Body Parts: Heart and Lungs</li> <li>• Fetoscopy: Meaning &amp; its scope; Ultrasonography, DNA Finger Printing.</li> </ul>	✓	✓	✓	✓
<p>M.Sc III SEM. ( MSA 301)</p>	<p>Human Genetics</p>	<ul style="list-style-type: none"> <li>• Concept and history of Genetics</li> <li>• Concept of gene and its expression, structure and function of D.N.A., R.N.A</li> <li>• chromosomal aberrations with detailed study of following syndrome</li> <li>• Disease implication of serological markers</li> <li>• Immunological disorders</li> <li>• Population Genetics</li> </ul>	✓	✓	✓	✓

M.Sc III SEM. ( MSA 301)	Human Growth & Nutrition	<ul style="list-style-type: none"> <li>• Human growth and development</li> <li>• Factors affecting growth</li> <li>• Concept of age</li> <li>• Nutrition: Basic terms and concepts.</li> <li>• Growth programmes</li> </ul>	✓	✓	✓	✓
M.Sc III SEM. ( MSA 301)	Intellectual Property Rights	<ul style="list-style-type: none"> <li>• Introduction, Nature, Basic Concepts and International Conventions</li> <li>• Law of Copyright</li> <li>• Law of Patents</li> <li>• Law of Trademark</li> <li>• Design and other forms of Geographical Indication (GI)</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Anthropological Demography	<ul style="list-style-type: none"> <li>• Definition and Concept of Anthropological Demography</li> <li>• Population Growth Theories</li> <li>• Factors Regulating Population Growth</li> <li>• Demographic Consequences of Family Planning and Family Welfare</li> </ul>	✓	✓	✓	✓

M.Sc III SEM. ( MSA 301)	Ecological Anthropology	<ul style="list-style-type: none"> <li>• Ecological Anthropology</li> <li>• Ecology and Ecosystem</li> <li>• Adaptation and Adaptive Specialization, Feedback and Carrying Capacity; Major Branches of Ecological Anthropology</li> <li>• Cultural Ecology</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Practicals In Serology, Biochemical Genetics & Dermatoglyphics	<ul style="list-style-type: none"> <li>• Biochemical Genetics</li> <li>• Dermatoglyphics</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Practical In Human Growth & Nutrition	<ul style="list-style-type: none"> <li>• Methods of Nutritional Assessment; Direct and Indirect Methods</li> <li>• Growth standers</li> <li>• Calculation of absolute growth annual increments growth rate</li> <li>• Nutritional indices</li> </ul>	✓	✓	✓	✓

M.Sc III SEM. ( MSA 301)	Group B:- Applied Social-Cultural Anthropology	<ul style="list-style-type: none"> <li>• Meaning and Scope of Applied Socio-Cultural Anthropology</li> <li>• Applied Anthropology in Administration, Industry, Education, and Public Health</li> <li>• Anthropology in development planning</li> <li>• Policy Planning Issues</li> </ul>	✓	✓	✓	✓
M.Sc III SEM. ( MSA 301)	Theory And Methods In Socio-Cultural Anthropology	<ul style="list-style-type: none"> <li>• History of Anthropological Thought</li> <li>• Diffusionism: British School, American School</li> <li>• Historical and Dialectical Materialism</li> <li>• New Ethnography</li> </ul>	✓	✓	✓	✓
M.Sc III SEM. ( MSA 301)	Indian Anthropology	<ul style="list-style-type: none"> <li>• Unity and diversity in Indian society and culture</li> <li>• socio-cultural change: Indigenous processes</li> <li>• Social Structure: Caste System</li> <li>• Contributions to Indian Studies</li> </ul>			✓	✓

M.Sc III SEM. ( MSA 301)	Intellectual Property Rights	<ul style="list-style-type: none"> <li>• Introduction, Nature, Basic Concepts and International Conventions</li> <li>• Law of Copyright</li> <li>• Law of Patents</li> <li>• Law of Trademark</li> <li>• Design and other forms of Geographical Indication (GI)</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Anthropological Demography	<ul style="list-style-type: none"> <li>• Definition and Concept of Anthropological Demography.</li> <li>• Population Growth Theories</li> <li>• Factors Regulating Population Growth</li> <li>• Demographic Consequences of Family Planning and Family Welfare</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Ecological Anthropology	<ul style="list-style-type: none"> <li>• Ecological Anthropology</li> <li>• Ecology and Ecosystem</li> <li>• Adaptation and Adaptive Specialization, Feedback and Carrying Capacity; Major Branches of Ecological Anthropology</li> <li>• Cultural Ecology</li> </ul>		✓	✓	

M.Sc III SEM. ( MSA 301)	Practical In Research Design And Scaling Techniques	<ul style="list-style-type: none"> <li>• Ethics in Social Research and its issues</li> <li>• Preparation of at two research proposals on Cohort Studies</li> <li>• Preparation of Map. Data Analysis: Coding of schedules</li> <li>• Preparation of at least five schedules for each scaling technique</li> </ul>		✓	✓	✓
M.Sc III SEM. ( MSA 301)	Practical In Field Work And Research Techniques	<ul style="list-style-type: none"> <li>• Scientific research in Anthropology</li> <li>• Research Methodology</li> <li>• Tools and Techniques</li> </ul>		✓	✓	✓
M.Sc IV SEM. MSA 401	Group A Forensic Anthropology	<ul style="list-style-type: none"> <li>• Definition, Aims and scope of Forensic Anthropology</li> <li>• Establishment of Identity through skeletal remains</li> <li>• Determination in Forensic Anthropology</li> <li>• Personal Identification through somatometric and somatoscopic observation</li> </ul>	✓	✓	✓	✓

M.Sc IV SEM. MSA 401	Molecular Genetics	<ul style="list-style-type: none"> <li>• Nucleic acid structure</li> <li>• Techniques in Molecular Genetics</li> <li>• DNA Sequencing and fingerprinting</li> <li>• Application of Genomic Technology</li> </ul>		✓	✓	✓
M.Sc IV SEM. MSA 401	Biostatistics	<ul style="list-style-type: none"> <li>• Importance of statistics in Anthropology</li> <li>• Measures of Dispersion</li> <li>• Test of Significance: Null and alternative Hypothesis</li> <li>• T-test, Chi square test. Sampling</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Dissertation	<ul style="list-style-type: none"> <li>• Periodic Presentation</li> <li>• Concise Dissertation</li> <li>• Viva-Voce</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Tourism Anthropology	<ul style="list-style-type: none"> <li>• Tourism- Definition, history, aspects and prospects</li> <li>• Theoretical concerns, tourist aethnographer</li> <li>• Understand the global economy of contemporary tourism</li> <li>• Rise of the socio-cultural study of tourism</li> </ul>	✓	✓	✓	✓

M.Sc IV SEM. MSA 401	Displacement & Disaster Management	<ul style="list-style-type: none"> <li>• Natural and man-made disaster</li> <li>• Natural situation of displacement</li> <li>• Development and Displacement</li> <li>• Rehabilitation policies of disaster management</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Practical In Forensic Anthropology	<ul style="list-style-type: none"> <li>• Dermatoglyphics</li> <li>• Personal Identification</li> </ul>		✓	✓	✓
M.Sc IV SEM. MSA 401	Practical In Applied Biological Anthropology	<ul style="list-style-type: none"> <li>• Collection of blood specimens</li> <li>• Preparation of Hemolysates and serum &amp; their storage</li> <li>• Teachniques of blood grouping: ABO blood group system Rh, blood group system &amp;</li> <li>• MN blood group system. Personal Identification by blood grouping</li> <li>• Dermatoglyphics:Analysis of finger,palm,sole and toe prints</li> </ul>	✓	✓	✓	✓



M.Sc IV SEM. MSA 401	Group-B Development Anthropology	<ul style="list-style-type: none"> <li>• Development: Meaning and evolution of the concept</li> <li>• Applied, Action and Development Anthropology</li> <li>• Policy and Planning: Concept of planning, formulation of policy and plan strategy</li> <li>• Agencies for development</li> <li>• Evaluation and Impact: Indices and measures; anthropological approaches</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Museology	<ul style="list-style-type: none"> <li>• History of Museum with special reference to India</li> <li>• . The role of Anthropology in the Museum.</li> <li>• Museum Techniques</li> <li>• Conservation &amp; preservation of Anthropological Museum specimens</li> </ul>		✓	✓	✓
M.Sc IV SEM. MSA 401	Biostatistics	<ul style="list-style-type: none"> <li>• Importance of statistics in Anthropology</li> <li>• Measures of Dispersion</li> <li>• Test of Significance</li> <li>• T-test, Chi square test. Sampling</li> </ul>		✓	✓	

M.Sc IV SEM. MSA 401	Dissertation	<ul style="list-style-type: none"> <li>• Periodic Presentation</li> <li>• Concise Dissertation</li> <li>• Viva-Voce</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Tourism Anthropology	<ul style="list-style-type: none"> <li>• Tourism- Definition, history, aspects and prospects</li> <li>• Theoretical concerns, tourist asethnographer</li> <li>• Understand the global economy of contemporary tourism</li> <li>• Rise of the socio-cultural study of tourism</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Displacement & Disaster Management	<ul style="list-style-type: none"> <li>• Natural and man-made disaster</li> <li>• Natural situation of displacement</li> <li>• Development and Displacement</li> <li>• Rehabilitation policies of disaster management</li> </ul>	✓	✓	✓	✓
M.Sc IV SEM. MSA 401	Practicals In Museology	<ul style="list-style-type: none"> <li>• Classification of Museums</li> <li>• Techniques of display of artifacts in Museum</li> <li>• Techniques of preservation and conservation of Various Museum specimens/ cultural implements.</li> </ul>		✓	✓	

M.Sc IV SEM. MSA 401	Practicals In Ethnomuseological Fieldwork Based Report And Seminar	<ul style="list-style-type: none"><li>A student has to draw and describe the characteristic features of at least about two implements of each of the following categories</li></ul>		✓	✓	✓
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