

As Per NEP 2020

University of Mumbai



Title of the program

- A-** P.G. Diploma in Archaeology
- B-** M.A. (Archaeology) (Two Year) – 2023-24
- C-** M.A. (Archaeology) (One Year) - 2027-28

Syllabus for

Semester – Sem I & II

Ref: GR dated 16th May, 2023 for Credit Structure of PG

Preamble

1) Introduction

It is a two years' post graduate course. This course will establish the connection between the theory, methods and the practice of archaeology. discipline. It will also look extensively at the historiography of the discipline in India and the World. It will also cover the theory of the actual methodology of archaeological research. Finally it will look at the various allied sub-disciplines and endeavour to briefly introduce the same.

2) Aims and Objectives

- **Awareness about the process of archaeological research and studies conducted so far.**
- **Understand the existing theoretical Models and their application in the field of Archaeology**

3) Learning Outcomes

Application of the methodologies to analyze and interpret the data.

4) Any other point (if any)

5) Baskets of Electives

- **Basket 1 – Prehistory**
- **Basket 2 - Protohistory**
- **Basket 3 – Numismatics and Epigraphy**
- **Basket 4 – Dharmashastras**
- **Basket 5- Sciences in Archaeology**
- **Basket 6 – Art history**

5) Credit Structure of the Program (Sem I, II,III,IV) (Table as per parishisht 1 withSign of HOD and Dean

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Post Graduate Programs in University

Parishishta - 1

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	R P	Cum . Cr.	Degree
			Mandatory*	Electives Any one					
I	6.0	Sem I	Course 1 Credits 4 Introduction to Archaeology Course 2 Credits 4 Introduction to Pre-History Course 3 Credits 4 Introduction to Proto-History Course 4 Credits 2 Polity & Economy in Ancient India (IKS)	Credits 4 Pre-History : Human Fossils and Stone Tool Typology OR Proto - History: Historiography, Palaeoclimate and Environment OR Numismatics & Epigraphy: Coinage & Epigraphy of the Ancient period OR Dharmashastra: Dharmashastras and Polity OR Sciences in Archaeology: Paleobotany OR Art History: Introduction to Art History	Credits 4			22	PG Diploma (after 1 Year Degree)

		Sem II	Course 1 Credits 4 Social Institutions in Ancient India (New Syllabus) Course 2 Credits 4 Religion and Philosophical Thoughts in Ancient India Course 3 Credits 4 Historical Archaeology Course 4 Credits 2 Literary Sources (IKS) (New Syllabus)	Credits 4 Pre-History: Palaeolithic India OR Proto - History: Urbanization and de-urbanization in South Asia OR Numismatics & Epigraphy: Coinages & Epigraphs of the Early Medieval Period OR Dharmashastra: Dharmashastras and Marital Law Sciences in Archaeology: Archaeozoology OR Art History: Sculptures and Painting traditions in India through ages	Credits 4 Assisting scholars / institutes / libraries / professors/ Dept. Archaeology, State and A.S.I./ Coin Galleries/Art Galleries/ Museums Excavation /Exploration Projects/Tourism Industry/Heritage Management Consultancies with their research works/projects			22	
Cum Cr. For PG diploma			28	8	4	4		44	

Exit Option: PG Diploma (44 Credits) after One Years UG Degree

I	6.0	Sem III	Course 1 Credits 4 Medieval Archaeology (New Syllabus) Course 2 Credits 4 Introduction to Numismatics (New Syllabus) Course 3 Credits 4 Introduction to Epigraphy (New Syllabus) Course 4 Credits 2 Iconography in India (New Syllabus) (IKS)	Credits 4 Pre-History Upper Palaeolithic and Mesolithic South Asia OR Proto - History The Non-Harappan Chalcolithic Cultures of South Asia OR Sciences Archaeozoology OR Numismatics Coinage of the Later Medieval Period OR Art History Rock Cut and Temple architecture in Ancient India through ages OR Epigraphy Epigraphs of the Later	Credits 4 On a topic of their choice in consultation with respective guiding teachers.			22	
		Sem IV	Course 1 Credits 4 Heritage Management and Tourism Course 2 Credits 4 Conservation and Preservation Course 3	Credits 4 Pre-History The Neolithic and Post Neolithic Prehistory in South Asia OR Proto - History Megalithism and the Early Iron Age in South Asia OR			Credits 6 On a topic of their choice in consultation with respecti	22	

			Credits 4 Archaeology and Computer Application (New Syllabus)	Sciences Chemistry, Physics and Geology OR Numismatics Coinage and Currency of the Early Modern and Modern period: India and the World OR Art History Forts, Fortifications and Town Planning in India through ages OR Epigraphy Paleography of India OR Dharmashastra Dharmashastras and Allied Subjects			ve guiding teachers.		
Cum. Cr. for 1 Yr PG Degree			26	8			10	44	
Cum. Cr. for 2 Yr PG Degree			54	16	4	4	10	88	

Note: * The number of courses can vary for totaling 14 Credits for Major Mandatory Courses in a semester as illustrated.

Syllabus
M.A (Archaeology)
(Sem) I & II)

SEM – I

Syllabus

SEM I.

Course 1 Credits 4 (MANDATORY)

Introduction to Archaeology

Course Outcome-

- CO1- This course will establish the connection between the theory, methods and the practice of archaeology.
- CO2 - It will cover vast ground beginning with the first antiquarian approaches, early museology, collectors, and eventual rise of archaeology as a mature discipline. It will also look extensively at the historiography of the discipline in India and the World.
- CO3 - It will trace the initial scholastic trends and the subsequent development of theory governing archaeological thought. It will also cover the theory of the actual methodology of archaeological research
- CO4 - I will look at the various allied sub-disciplines and endeavor to briefly introduce the same.

Module I (02 credits) (01 credit per unit)

Unit I: Definitions & Theories

1. Definition of Archaeology and its Branches
2. The Basic Theories of Archaeology and their Development
3. Branches of Archaeology
4. The relationships of Archaeology, History and Anthropology

Unit II: Historiography (World and India)

1. Development of Archaeology in Europe
2. Development of Archaeology in South Asia
3. The teaching of Archaeology in India and the World

Unit III: Exploration and Excavation Methods

1. Definition of Archaeological Sites, Monuments, etc.
2. Exploration Methods and Techniques
3. Excavation Methods and Techniques
4. Post Excavation Methods, Data Storage, Preservation and Conservation and Display

Module II (02 credits) (01 credit per unit)

Unit III: Exploration and Excavation Methods

1. Definition of Archaeological Sites, Monuments, etc.
2. Exploration Methods and Techniques
3. Excavation Methods and Techniques
4. Post Excavation Methods, Data Storage, Preservation and Conservation and Display

Unit IV: Allied sub-disciplines

1. Dating Methods
2. Ceramic Analysis
3. Bio-sciences in Archaeology and Earth Sciences in Archaeology
4. Ethnoarchaeology and Ethics in Archaeology
5. Cultural Heritage and Heritage Legislation

Bibliography -

1. Renfrew, Colin and Paul Bahn 2016. Archaeology: Theory and Methods, London. Thames and Hudson
SBN-13: 978-0500292105 ISBN-10: 0500292108
2. Ashmore, Wendy and Robert Sharer 2009. Discovering our Past. London: MacGraw-Hill
ISBN-13: 978-0073530999 ISBN-10: 0073530999
3. Gosh, Amlananda 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
4. Sankalia, H D 1962. Pre and Protohistory of India and Pakistan. Bombay: University of Bombay
5. Hester, Thomas R, Harry J Shafer, Kenneth L. Feder 2009. Field Methods in Archaeology. London: Routledge ISBN-10: 1598744283 ISBN-13: 978-1598744286
6. McIntosh, Jane 1999. The Practical Archaeologist. New York: Checkmark Books
7. Renfrew, Colin and Paul Bahn 2016. Archaeology: Theory and Methods, London. Thames and Hudson
SBN-13: 978-0500292105 ISBN-10: 0500292108
8. Ashmore, Wendy and Robert Sharer 2009. Discovering our Past. London: MacGraw-Hill
ISBN-13: 978-0073530999 ISBN-10: 0073530999
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10. Barker, P. 1982. Techniques of Archaeological Excavation.
11. Binford, L.R. 1983 Working at Archaeology. New York: Academic Press.
12. Binford, L.R. 1989 Debating Archaeology. New York: Academic Press

13. Dancey, W.S. 1985. Archaeological field Methods: Introduction.
 14. Aitken, M.J. 1990. Science-based dating in Archaeology. London: Routledge
 15. Biswas, A. K. 2005. Science in Archaeology and Archaeological materials. New Delhi:D.K. PrintWorld (P) Ltd.
 16. Brothwell, D. and E. Higgs (Eds.). 1969. Science in Archaeology, London: Thames and Hudson.
 17. Brothwell, D. and A.M. Pollard. 2001. Handbook of Archaeological Sciences, New York:
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
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Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
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SEM I.

Course 1 Credits 4 (MANDATORY)

Introduction to Prehistory

Course Outcome-

CO1- This course takes the student through the earliest and longest period of the human past i.e. Prehistory. It takes the students on a journey through Human Evolution both physical and cultural from the time of the earliest hominid tool-users and toolmakers. It is a journey of 2.4million years. Basic concepts and theories of human evolution and the actual evolution of the cultural assemblage i.e. toolkit of early man will be dealt with here. By the end of the course the student will have journeyed from 2.4million years ago right up to 9,000 years ago and will study the journey from scavenger to hunter-gatherer and from hunter-gatherer to farmer

Module I (02 credits) (01 credit per unit)

Unit 1- Theory and Methodology

1. What is Prehistory? (Nomenclature and Typology)
2. Neogene and Quaternary Geology, Palaeoclimate and The Ice Ages
3. Theories of Cultural Evolution
4. Exploration and Excavation Techniques specific to Prehistory

Unit 2- Human Evolution and its Ramifications

1. Definition and Theories in Primate Evolution
2. Hominoid and Hominid Evolution in Africa
3. Evolution out of Africa

Module II

02 credits

(01 credit per unit)

Unit 3- The Palaeolithic

1. Lower Palaeolithic 1: Mode 1 (Olduvan)
2. Lower Palaeolithic 2: Mode 2 (Acheulean)
3. Middle Palaeolithic: Mode 3 (Prepared core)
4. Upper Palaeolithic and Epipalaeolithic: Mode 4 (Blade Tools)

Unit 4- The Mesolithic and Neolithic

1. The world at 18,000 BP
2. Mesolithic and Microlithic Adaptations
3. The Neolithic
4. The Mesolithic and Neolithic in South Asia- Definition, Identification and Origins

Bibliography

1. Agrawal, D. P. and J. S. Kharakwal. 2003. *Bronze and Iron Ages in South Asia (Archaeology of South Asia II)*. New Delhi: Aryan Books International.
2. Sankalia, H D. 1962. *Pre and Protohistory of India and Pakistan*. Bombay: University of Bombay
3. Gosh, Amlananda. 1990. *Encyclopaedia of Archaeology*. New Delhi: Munshiram Manoharlal
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8. Possehl, G. L. 1999. *Indus Age: The Beginnings*. Philadelphia: University of Pennsylvania Press.
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
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Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
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SEM I.

Course 1 Credits 4 (MANDATORY)

Introduction to Protohistory

Course Outcome-

- CO1 - Understand and analyze the material aspects in recreating the Harappan period
Understand and analyse the various aspects of the Harappan Civilization
- CO2 - it Will be able to identify and categorize regional Chalcolithic cultures Familiarize the students with the major concepts of protohistoric archaeology understand the reasons for the decline of the Harappans and their legacy.
- CO3 - Evaluate and analyse the material aspects of the beginnings of iron age

Module I (02 credits) (01 credit per unit)

Unit I: Definitions & theories (including World Bronze Age):

- 1. What is Protohistory? Agriculture, Urbanisation and metallurgy,
- 2. Early (World) Bronze Age and Bronze Age Empires

Unit 2- The Rise and fall of the Harappans

- 1. The Pre Harappans
- 2. The Early and Mature Harappan Period
- 3. The Late Harappans and the decline of the 1st Urbanisation

Module II (02 credits) (01 credit per unit)

Unit 3- The Non-Harappan Chalcolithic Cultures of South Asia

- 1. The Central Indian Chalcolithic
- 2. The Deccan Chalcolithic and Southern Neolithic
- 3. The Chalcolithic cultures of Northern and Eastern India

Unit-4 The Early Iron Age and the Megalithic Cultures of South Asia

- 1. Megalithism in South Asia- Definition, Identification and Origins
- 2. Megalithism in Southern India
- 3. Megalithism in Central India
- 4. The Early Iron Age in Northern India

Bibliography

1. Sankalia, H D. 1962. Pre and Protohistory of India and Pakistan. Bombay: University of Bombay
2. Gosh, Amlananda. 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
3. Chakrabarti, D K. 2009. India – An Archaeological History: Palaeolithic Beginnings to Early History
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5. Allchin, R and B Allchin 1982. The Rise of Civilisation in India and Pakistan. Cambridge: Cambridge University Press
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10. Wheeler, R E M. 1968.
11. The Indus Civilisation (3rd Edition). Cambridge: Cambridge University Press Possehl, G L. 2002 The Indus
12. Civilisation: A Contemporary Perspective. Lanham: Rowan Altamira

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
- Internal - 50 Marks
- Class Test - 20 Marks
- Project/Presentation- 20 Marks
- Attendance, Class participation - 10 Marks
- External -50 Marks

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

SEM I

Course 1 Credits 2

IKS

Polity and Economy

Course Outcomes –

- CO1 - To understand the philosophy of human life, To understand the philosophy of Polity, To understand the philosophy of State Formation.
- CO2 - To understand the concept of state, To understand the philosophy of Varta as enshrined in Indic religions, To make a study of the concept of Varta as represented in Indic religions, To understand the philosophy of wealth in Indic religions
- CO3 - To study the concept and approach to wealth in Indic religions

Module I ,Credit I

Unit I – Philosophy of polity

1. Four Purusharthas
2. Concept of Rajadharma
3. Concept of Neeti

Unit II – State Formation

1. Origin of State
2. Limbs of State
3. Types of State

Module II ,Credit I

Unit III - Philosophy and Concept of Varta

1. Philosophy and concept of Varta
2. Philosophy and concept of Varta in Buddhist texts and traditions
3. Philosophy and concept of Varta in Jaina texts and traditions.

Unit IV Philosophy and concept of Wealth

1. Philosophy, concept and approach to wealth in Hindu texts and traditions
2. Philosophy, concept and approach to wealth in Buddhist texts and traditions
3. Philosophy, concept and approach to wealth in Jaina texts and traditions

Bibliography

1. Agrawala, V.S., *India as known to Panini* Lucknow University, 1953.
2. Altekar A.S (Reprint) , *State And Government In Ancient India*. Bombay, 1997
3. Bush, M.A., *The Spirit of Ancient Hindu Culture*, Baroda, 1921

4. Bush, M.A., *The Spirit of Ancient Hindu Culture*, Baroda, 1921
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 9. Sharma, R.S. 1966. *Light on Early Society and Economy*. Bombay: Manaktalas.
 10. Sharma , R.S. 1965 *Indian Feudalism*. Calcutta: Calcutta University.
 11. Bush, M.A., *The Spirit of Ancient Hindu Culture*, Baroda, 1921
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

Sem I

Credits 4 (ELECTIVE)

Pre-History : Human Fossils and Stone Tool Typology

Course Outcomes –

- CO1 - The course will cover in great detail the Geomorphology, Palaeo-environment , Palaeoclimate, Past Biota, Fossil Records and the Prehistoric Cultural Evolution of Man in South Asia.
- CO2 - Mainly concentrating on the Stone Tool Typology of tools recovered from sites all over South Asia. It will also cover the Historiography of the topic

Module I (02 credits) (01 credit per unit)

Module I ,Credit I

Unit 1: Geomorphology and Environment of South Asia

- A. Geology of South Asia
- B. Sedimentology and Plate Tectonics in South Asia
- C. Drainage of South Asia

Unit 2: Palaeoanthropology and Palaeontology in South Asia

- A. Palaeoanthropology in South Asia
- B. Primate Palaeontology in South Asia
- C. Hominoid Palaeontology in South Asia

Module II , Credit I

Unit 3: Palaeoclimate of South Asia

- A. Climatic Zones in South Asia
- B. The Monsoon
- C. Palaeoclimate in South Asia

Unit 4: Historiography of Prehistory in South Asia

- A. Early Geological and Palaeontological Research in South Asia
- B. Palaeontological Research and Researchers in the Siwaliks and Himalan regions
- C. Palaeontological Research in Peninsular India (Narmada, Manjra, etc.)

Bibliography

1. Sankalia, H D. 1962. Pre and Protohistory of India and Pakistan. Bombay: University of Bombay
 2. Gosh, Amlananda. 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
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 4. Sankalia, H D. 1975. Prehistory of India. New Delhi: Munshiram Manoharlal
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 6. Jain, V K 2006. Prehistory and Protohistory of India: An Appraisal: Palaeolithic, Non-Harappan , Chalcolithic Cultures (Perspectives in Indian Art & Archaeology). New Delhi: D K Printworld
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 8. Settar, s and Ravi Korisettar. 2004. Indian Archaeology in Retrospect: Prehistory - The Early Archaeology of South Asia (Vol 1). New Delhi: Manohar Publishers and Distributors
 9. Chakrabarti, D K. 2009. India – An Archaeological History: Palaeolithic Beginnings to Early History Foundation. New Delhi: OUP
 10. Singh, U. 2005. The Discovery of India. New Delhi: Orient Blackswan
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
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Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Sem I

Proto – History : Historiography, Palaeoclimate and Environment

Course Outcomes:

- CO1 - The course will cover Historiography the Bronze Age/Chalcolithic period and the Early Iron Age with respect to the Environment, Paleoclimate, Technological Innovations and Historiography
- CO2 - To understand the recent researches in the field of proto history.

Module I (02 credits) (01 credit per unit)

Module I ,Credit I

Unit I Discovery and Historiography:

- 1.Discovery
- 2.Early Explorers and excavators,
- 3.Later Explorers and Excavators

Unit II Beginnings of settled life- Mehrgarh 4-7, Nausharo, Amri, Nal:

- 1.The Neolithic and Early Chalcolithic Phase,
- 2.The Mature Chalcolithic Phase, 3.The beginnings of incipient Urbanisation

Module II ,Credit I

Unit III The Ravi Phase at Harappa, The Cholistan and Ghaggar-Hakra sites:

- 1.The Ravi Phase at Harappa
- 2.The Cholistan basin sites
3. The Ghaggar Hakra Sites

Unit IV Outside the Indus and Saraswati Basins and The Transition to Harappan Urbanisation:

- 1.Prabhas,Loteshwar and Padri
2. Kot Diji, The Amalgamation of Early Harappan Cultures, The 1st Urbanisation begins

Bibliography

- 1.Allchin, R and B Allchin 1982. The Rise of Civilisation in India and Pakistan. Cambridge: Cambridge University Press
2. Dhavalikar, M. K. 1999. *Indian Protohistory*. Delhi: Books and Books
- 3.S. Setter and R. Korisetter (eds.). 2002. *Indian Archaeology in Retrospect Volume II Protohistory- Archaeology of the Harappan Civilization*: 129-158. New Delhi: Manohar Publishers and distributors

- 4..Possehl, G. L. 1999. *Indus Age: The Beginnings*. Philadelphia: University of Pennsylvania Press.
 - 5..Possehl, G. L.1993. *Harappan Civilization*. Delhi: Oxford and IBH
 6. Kenoyer, J. M. 1998. *Ancient Cities of the Indus Valley Civilization*. Karachi: American Institute of Pakistan Studies, Oxford University Press.
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 9. Hargreaves, H. 1929. Excavations in Baluchistan 1925, Sampur Mound, Mastung and Sohr Damb, Nal, *Memoirs of the Archaeological Survey of India* 35: 17-89.
 - 10.Mughal, M.R. 1997. *Ancient Cholistan*. Lahore: Ferozsons.
 - 11.Mughal, M.R. 1990. Further Evidence of the Early Harappan Culture in the Greater Indus Valley, *South Asian Studies* 6:175 200.
 - 12.Possehl, G.L. (ed.) 1979. *Ancient Cities of the Indus*. New Delhi: Vikas Publishing House
 - 13.Shirvalkar, P. 2013. *Pre and Early Harappan Cultures of Western India with special Reference to Western India*. Delhi: Agamkala Prakashan.
 - 14.Lal, B.B. and S.P. Gupta (eds.) 1984. *Frontiers of the Indus Civilization*. New Delhi: Books and Books.
 15. Possehl, G.L. 1992. The Harappan Civilization in Gujarta: The Sorath and Sindhi Harappans, *Eastern Anthropologist* 45(1-2):117-154
 16. Chakrabarti, D K. 2009. *India – An Archaeological History: Palaeolithic Beginnings to Early History Foundation*. New Delhi: OUP
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

SEM I

Numismatics & Epigraphy;

Coinage & Epigraphy of the Ancient period

Course Outcomes –

- CO1 - The course will cover the study of Ancient Money including its primitive forms including bovine stock, utensils, base metal objects, weapons, stone tools, etc in the prehistoric and protohistoric period
- CO2 - It will delve into the development of metallic money in its various forms like uncoined bullion, proto-money in form of precious metal ingots, casts, figurines, etc. and its transformation into coined money across the world.

Module I (02 credits) (01 credit per unit)

Unit 1- Origin of Money and Coinages

1. Money- Definition and types
2. Origin of Money and Coinage in the West- The Western Tradition
3. Origin of Money and Coinage in the Indian Sub-continent
4. Origin of Money and Coinage in China and South-East Asia
5. Techniques of Coin Minting in Ancient India

Unit 2 Ancient Coins in the Ancient period (c. 500 B.C.E.- 3C.E.)

1. Pre-Mauryan Coinage issued during the First Urbanization
2. Imperial Mauryan Coinage and Uninscribed Cast Copper Coinage of Northern and Central India
3. Indo-Greek Coinage
4. Greek/Bactrian Greek & Kharoshthi Script as seen on Coins
5. Indo-Scythian & Indo-Parthian Coinages of North-West and Northern India
6. Post-Mauryan Coinage of Tribal/Republican States (Ganas and Janapadas),
7. Monarchies (Rajavamshas) and City-States (Nagaras)
8. Kushana Coinage
9. Satavahana Coinage
10. Western Kshatrapa Coinage

Module II (02 credits) (01 credit per unit)

Unit 3 Beginning of Writing & Inscriptions in Ancient India (c. 600 B.C.E.-10 B.C.E.)

1. Classification and Distribution of the Ashokan Edicts, their language & decipherment:
2. The Girnar Version: Edicts I, II, VI & XII; The Sarnath and Rummindei Minor Pillar
3. Edicts; The Mansehra Kharoshthi Edict No. IV
4. Inscriptions of the Shunga-Kushana period
5. Inscriptions of Satavahana & Kshatrapa period
6. Inscriptions of the Gupta and Post Gupta Period
7. Introduction to Languages of Inscriptions: Introduction to Prakrit, Families of Prakrit,
8. Grammar of Inscriptional Prakrit
9. Introduction to Sanskrit: Historical Development of Sanskrit, Grammar of Sanskrit &
10. Inscriptional Hybrid Sanskrit

Unit IV: Unit 4 - Ancient Indian Coinages (c. 1 B.C.E. – 550 C.E.)

1. Post-Satavahana Coinage of the Deccan
2. Gupta Coinage
3. Tamil Coinages of Sangam Age
4. Roman Coinage in India

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9. Bhatt, S K (1998). Nishka- The Rig Vedic Money. Indore: Academy of Indian Numismatics and
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14. Bhatt, S K (1998). Nishka- The Rig Vedic Money. Indore: Academy of Indian Numismatics and
15. Sigillography.
16. Altekar, A. S. (1954). The Gupta Gold Coins in the Bayana Hoard. Varanasi: Numismatic
17. Society of India.
18. Altekar, A.S. (1957). The Coinage of the Gupta Empire. Varanasi: Numismatic Society of India.

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

SEM I

Dharmashastra : Polity in Dharmashastra

Course Outcomes –

CO1 - To understand Polity as per Dharmashastra literature ,To compare Modern Polity with the Polity in the past.

Module I (02 credits) (01 credit per unit)

Unit I – Introduction

1. What is Polity
2. What is Dharma
3. Relevance

Unit II – State

1. Concept of State
2. State Formation
3. Saptanga

Module II , 02 credits (01 credit per unit)

Unit III- Kingship

1. Concept
2. Training and daily routine of the king
3. Duties and responsibilities of King

Unit IV- Administration

- a) Fiscal administration
- b) Military Administration

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10. Bush, M.A., The Spirit of Ancient Hindu Culture, Baroda, 1921
11. Chattopadhyaya B.D, The Making of Early Medieval India, Delhi, 1977.
12. Choudhary, R. K, The Vratyas in Ancient India, Varanasi.
13. Das, A. C., Rgvedic Culture, Calcutta, 1925.
14. Das, R. M. , Women in Manu and His seven commentators, Varanasi, 1962
15. Das, S. K.,

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
- Internal - 50 Marks
- Class Test - 20 Marks
- Project/Presentation- 20 Marks
- Attendance, Class participation - 10 Marks
- External -50 Marks

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Sem.I

Sciences in Archaeology –Palaeobotany (Theory and Method)

Course Outcomes –

- CO1 - This course will cover both the theoretical and practical aspects of applying palaeobotanical studies to archaeology. The first unit covers palynology, the study of pollen and pollen-like elements, including a theoretical introduction, methods of study and analysis under the microscope, and a case study on how palynology of the Younger Dryas period established the beginning of human agriculture. From there, the course will move on to covering the archaeological studies that uncovered the advent of agriculture through domestication of plants
- CO2 - A better understanding will be given to students through explaining plant genetics as well as techniques of plant breeding and hybridisation that led to the modern crops.
- CO3 - The course will also cover practical methods of studying palaeobotany in archaeological context such as flotation method, phytolith analysis, and examination of fossilised remains of seeds, plant parts and their impressions on archaeological material.
- CO4 - The course will also cover the work of Indian palaeobotanist Birbal Sahni and others. Fully one fourth of the course will be reserved for laboratory and field experimentation for students to get familiar with the science of palaeobotany and domestication

Module I (02 credits) (01 credit per unit)

Unit 1: Palynology

1. Introduction, taking of cores, microscopic analysis
2. Preparing a pollen spectrum, qualitative & quantitative studies
3. Application to archaeology: Early/Late Dryas

Unit II Domestication of plants

1. Origins of agriculture
2. Techniques of plant breeding and archaeological evidence; Hybridisation
3. Basics of plant genetics

Module II (02 credits) (01 credit per unit)

Unit 3: Palaeobotany

1. Flotation method
2. Phytolith analysis, fossilised remains
3. Birbal Sahni and other Indian palaeobotanists

Unit IV: Laboratory

Bibliography

1. Taylor, T.N., 1981. Paleobotany: an introduction to fossil plant biology. McGraw-Hill.
2. Darwin, Charles, 1859. On the Origin of Species. John Murray, UK.
3. Maynard Smith, J., 1958. The Theory of Evolution. London, Penguin Books.

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
- Internal - 50 Marks
- Class Test - 20 Marks
- Project/Presentation- 20 Marks
- Attendance, Class participation - 10 Marks
- External -50 Marks

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

Sem.I
Art History -
Introduction to Art History

Course Outcomes –

- CO1 - Knowledge of the development of art in India through the ages, Recognize various forms of art with special focus on visual medium, Understanding of the tools, Understanding of western approaches to the study of Indian art.
- CO2 - Application of the artistic framework to study of Indian Iconography Awareness about the process of Identification, association and interpretation of Icons
Understanding antiquity of Art Historic Study in India and the various approaches used by archaeologist to interpret the art form.

Module I (02 credits) (01 credit per unit)

Unit I Art, Artist and Art History

1. Definitions
2. Art as visual Language
3. What is Art History

Unit II: Methods in Art History

1. Non-Artistic Analytical Framework Marxist, Feminist, Postcolonial

Module II ,Credit I

Unit III: Symbolism, Iconography and Iconology

1. Definition and Scope
2. Principles of Iconography
3. Introduction to Iconology

Unit IV: Indian Art and Art History

1. Historiography
2. Various Approaches to Understand Indian Art
 - a. Historical Approach
 - b. Ethnographic Study
 - c. Social –Economic Approach
 - d. Religious
3. Approach

Bibliography

1. Zimmer, H.1964. The Art of Indian Asia. (2 vols.). New York: Bollingen Foundations Inc. Huntington, Susan. 1985.
 2. The Art of Ancient India (Buddhist, Hindu and Jain). New York: Weatherhill. Kramrisch, Stella 1965.
 3. The Art of India. London: Phaidon Press. Kramrisch, Stella 1986.
 4. The Hindu temple. (2 volumes).
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation - 20 Marks
 - Attendance, Class participation - 10 Marks
 - External - 50 Marks
-

Question Paper Pattern

Module I - 25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following. (Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following. (Two options will be given) 10 Marks

Module II - 25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following. (Two options will be given) 15 Marks
 - Q.2 Write in Short on any ONE of the following. (Two options will be given) 10 Marks
-

SEM -II

M.A. Archaeology

Sem II

Social Organization in Ancient India

Course Outcomes

CO1 - Study of Basic Structure of Indian Society. . Study of principals guiding the Indian Social Institution Study of important feature of Indian Society

Module I (02 credits) (01credit per unit)

Unit I:Society in the Proto-historic Phase:

1. Introduction - Six types of Society
2. **Society in the Proto-historic Phase:**
3. a. Social Structure under the first urbanization and changes in the social set up seen from Neolithic to Chalcolithic Phase.
4. b. Harappan Society (Subsistence, Settlement pattern and Hierarchy.) Archaeological sites to be studied: Dholavira
5. C . Social Set up in the Deccan
6. a. Social Structure under the first urbanization and changes in the social set up seen from Neolithic to Chalcolithic Phase.
7. b. Harappan Society (Subsistence, Settlement pattern and Hierarchy.) Archaeological sites to be studied: Dholavira

Unit II. Social Hierarchy as seen in Indian Society through Ages in India and South East Asia

1. Varna and Jati System
2. Ashrama System (Smarta and Agama Tradition)

Module II (02 credits) (01 credit per unit)

Unit III:

Marriage in Indian Culture

- a. Concept of Samskara (Birth, Marriage and Death)
- b. Marriage as a Sacrament
- c. Forms of Marriage
- d. Age of Marriage

Unit IV - Position of Woman in Ancient India:

- a. Economic Rights (Property Rights, Women as Donors)
- b. Social Rights (Education, Bija-Kshetra Nyaya, Niyoga, Sati, Role in the Rituals)

c.Active life and renunciation: Elite and the common women: (Amrapali, Naganika, Prabhavatigupta, Sarasvati sister of Kalakacharya, Rajashri, Kannagi, Rani Chenamma, Ahilyabai Holkar).

Bibliography

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2. Sharma R. S., India's Ancient Past, Oxford University Press, 2008
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9. Prabhu P.H., Hindu Social Organisation, Popular Prakashan, Mumbai, 2010 (Reprint)
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
- Internal - 50 Marks
- Class Test - 20 Marks
- Project/Presentation- 20 Marks
- Attendance, Class participation - 10 Marks
- External -50 Marks

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Sem II

Development of Religio-Philosophical Thoughts in South Asia

Course Outcomes-

- CO1 - The aim of this course is to make the students cognizant with Religion and Philosophy.
- CO2 - To make the student understand the importance of religious beliefs and philosophical studies and their role in shaping the cultural life of man in India and finally to make students understand the Sociological, ritualistic and philosophical methods of studying the past.

Module I (02 credits) (01 credit per unit)

Unit 1- What is Religion?

1. Components of Religion: Ethics, Rituals and Mythology
2. Development of Religion as understood by Archeologists and Sociologists
3. Polytheism, Monotheism and Monism.

Unit 2- The Vedic Age

1. Vedic Ritualism and Gods
2. Development of philosophy from Vedas to Upanishads
2. Kriyavada (Lokayata, Buddhism and Jainism) and Akriyavada (Ajivaka)

Module II (02 credits) (01 credit per unit)

Unit III: Darshanas: Principles, Classification and Chronology

1. Sankhya, Yoga and Mimamsa
2. Nyaya, Vaisheshika and Vedanta
3. Introduction to Agamas and Tantras (Shaiva, Shakta, Vaishnava and Ganapatya)

Unit 4- Later Cultic Developments Bhakti

2. Natha
3. Datta

Bibliography

1. Agarwala, V.S. 1970. Ancient Indian Folk Cults. Varanasi: Prithvi Prakashana
2. Benerjea, J.N. 1963. Pranic and Tantric Religion, Calcutta: Calcutta University.
3. Bhandarkar, R.G. 1965, Vaisnavism, Shaivism and Minor Religious Systems (reprint). Varanasi: Indological Book House
4. Dasgupta, S.N. - History of Indian Philosophy (Vols. 1-5)
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 10. M.N.Joshi-Origin and development of Datta Cult ,Oriental Institute ,Baroda
-

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

Sem II

Historical Archaeology

Course Outcomes-

- CO1 - The course provides the learner with basic historical background into the periods commonly known as historical, Medieval, Colonial and Early Modern Archaeology. This is the Archaeology of those periods for whom we are in possession of (often extensive) written records. This is the formative phase of modern society and is thus considered one of the most important periods under study.
- CO2 - The volume of written/historical data though is more often than not inadequate and incomplete especially when it comes to the understanding of the lives of the common people.
- CO3 - Thus it is up to archaeology in tandem with (if existent) historical data to fill in these lacunae

Module I (02 credits) (01 credit per unit)

Unit I: Introduction

1. Introduction to cultural sequence
2. Nature of material culture
3. Site Study- Ter, Ahichatra, Shishupalgarh

Unit II: Component of historical Archaeology

1. Role of epigraphy, Numismatics, Iconography
2. Pottery Analysis
3. Site Study- Mathura, Muziris, Patna

Module II (02 credits) (01 credit per unit)

Unit III: Understanding Historical Sites-

1. Settlement Pattern and landscape studies
2. Studies in sacred geography
3. Site Studies- Sanchi, Mathura, Kanher

Unit IV: Understanding Historical Sites-

1. Second Urbanization
2. Urban decay and its critique
3. Site Studies- Hastinapur, Sanchi

Bibliography

1. Ghosh, Amlananda 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
2. Shanks, M. 2008 Post-Processual Archaeology and After. In Handbook of Archaeological Theories, edited by R.A. Bentley, H.G. Maschner, and C. Chippindale, 133-144

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 8. Kosambi, D.D. 1985. An Introduction to the Study of Indian History. (reprint). Mumbai: Popular Prakashan.
 9. Gokhale, Shobana 2008, Lord of Dakshinapatha: Coins, Trade-Centres under the Satavahanas. Delhi.
 10. Erodsy, George 1988. Urbanisation in Early Historical India. Oxford.
-

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

Sem II

Literary Sources of Archaeology and History (IKS)

Course Outcomes

CO1 - The course equips the learner with Literary and Historical context of the Sources of Indian Archaeology and History.

CO2 - These sources are further divided into Indian and Foreign sources. The Indian sources are then sub-divided in religious ones and secular ones. They are also divided and the course equips the learner with the Literary and Historical context of the Sources of Indian Archaeology and History.

CO3 - These Sources are invaluable tools in reconstructing the past and more often than not are the starting point of most research. This is a very critical component of archaeology especially in the Historical and Medieval periods.

Module I (02 credits) (01 credit per unit)

Unit I: Vedic Literature

1. Vedic Literature
2. Vedangas
3. Puranas
4. Epics

Unit II: Classical Literature and Shastra Literature

1. Shravya Kavya
2. Drushya Kavya
3. Historical Literature

Module II (02 credits) (01 credit per unit)

Unit III: Buddhist Literature and Jain Literature

1. Canonical Literature
2. Non-Canonical Literature
3. Scientific Literature

Unit IV: Shastra Texts

1. Arthashastra
2. Shilpshastra
3. Ayurveda
4. Natyashastra

Bibliography

1. Chaitanya Krishna. A New History of Sanskrit Literature
2. Dasguspta SN & SK De. History of Sanskrit Literature
3. De, SC. History of Sanskrit Literature.
4. Elliot.H M, and J Dowson. 1867-1877. The History of India, as Told by Its Own Historians (8 vols). London:Trubner and Co.

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

M.A.

Sem II

Pre-History- Palaeolithic South Asia

Course Outcomes

CO1 - The course will cover in the most extensive and ancient period of the Prehistory of Man in South Asia.

Module I (02 credits) (01 credit per unit)

Unit 1: Soanian Traditions

- A. Discovery of the first tools
- B. The link between Archaeology and Geology in the Siwaliks
- C. The attribution of the Soanian Tradition

Unit 2: Handaxe Cleaver Traditions

- A. Bruce Foote and his aftermath
- B. Attirambakkam and Isampur
- C. Bori, Morgaon and the Basaltic traditions
- D. Didwana and Pushkar

Module II (02 credits) (01 credit per unit)

Unit 3: Theories and Transition from Lower to Middle Palaeolithic

- A. The Theories behind the evolution of technologies and the YTT Bottleneck Theory
- B. The Middle Palaeolithic of Southern India, Jwalapuram.
- C. The Middle Palaeolithic of Vidharbha, the Vindhya, etc

Unit 4: Middle Palaeolithic in South Asia

Bibliography

1. Sankalia, H D. 1962. Pre and Protohistory of India and Pakistan. Bombay: University of Bombay
2. Gosh, Amlananda. 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
3. Sali, S A. 1993. Indian Prehistory. Pune: ISPQS
4. Sankalia, H D. 1975. Prehistory of India. New Delhi: Munshiram Manoharlal
5. Allchin, R and B Allchin 1982. The Rise of Civilisation in India and Pakistan. Cambridge: Cambridge University Press

Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

M.A

Sem II

Proto-History- Urbanization and Deurbanization in South Asia

Course Outcomes

CO1 - The course will cover the Bronze Age/Chalcolithic period and will cover the emergence of metallurgy, surplus, long distance trade, writing, and urbanisation.

CO2 - It will also look at the ancillary Copper-Stone using Chalcolithic Cultures of peninsular India.

Module I (02 credits) (01 credit per unit)

Unit 1. Mehrgarh 4-7, Nausharo, Amri, Nal and Ravi Phase

- A. The Neolithic and Early Chalcolithic Phase
- B. The Mature Chalcolithic Phase
- C. The beginnings of incipient Urbanisation
- D. The Ravi Phase at Harappa
- E. The Cholistan basin sites
- F. The Ghaggar Hakra Sites

Unit 2 Outside the Indus and Saraswati Basins

- A. Prabhas
- B. Loteshwar and Padri
- C. Early Ahar (Balathal)

Module II (02 credits) (01 credit per unit)

Unit 3: The Transition to Harappan Urbanisation

- A. Kot Diji
- B. The Amalgamation of Early Harappan Cultures
- C. The 1st Urbanisation begins

Unit 4: Middle Palaeolithic in South Asia

- . Climate Change and Other Models for the decline of Urbanisation
- B. The Late Harappan levels at the Urban settlements
- C. The Cemetery H Culture and Jhukar Culture
- D. The BMAC

Bibliography

1. Sankalia, H D. 1962. Pre and Protohistory of India and Pakistan. Bombay: University of Bombay

2. Gosh, Amlananda. 1990. Encyclopaedia of Archaeology. New Delhi: Munshiram Manoharlal
3. Allchin, R and B Allchin 1982. The Rise of Civilisation in India and Pakistan. Cambridge: Cambridge University Press
4. Jain, V K 2006. Prehistory and Protohistory of India: An Appraisal: Palaeolithic, Non-Harappan
5. Chalcolithic Cultures (Perspectives in Indian Art & Archaeology).
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7. Foundation. New Delhi: OUP
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12. Wheeler, R E M. 1968. The Indus Civilisation (3 rd Edition). Cambridge: Cambridge University Press
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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
- Internal - 50 Marks
- Class Test - 20 Marks
- Project/Presentation- 20 Marks
- Attendance, Class participation - 10 Marks
- External -50 Marks

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

M.A. Sem II

Coinages & Epigraphs of the Early Medieval Period

Course Outcome:

- CO1 - This course takes the student through the coinage of the Early Medieval period in North India after the demise of the Gupta Empire after the invasion of the Huns. It looks at the array of coinages which rose across the Indian sub-continent after the fall of the Guptas focusing on various paradigms of coinages adopted by the rulers of this period which ranges from Sassanid to Gupta to Kushan and Western Kshatrapa imitations along with new innovations.
- CO2 - The course will also introduce Islamic coinage along with its introduction into India during the Ghaznavid period.
- CO3 - Additionally, the course will also look at changes in the coinage of South India with a decisive turn towards the gold standard in the region as against the silver standard prevalent in North India
- CO4 - The course will also look at Byzantine and other foreign coinages which were brought to India via trade

Module I (02 credits) (01 credit per unit)

Unit 1- Post-Gupta Early Medieval Coinages

1. Late Gupta and Gupta-inspired coinage of Bengal
2. Huna Coinage of North India and Kashmir
3. Kushan inspired coinage of North & North-West India (Kidara Kushan Coinage)
4. Western Kshatrapa Derivative coinages of Western India

Unit 2- Islamic Coinage & Epigraphs

1. Early Islamic Coinage & Epigraphs in the Ummayyad period
2. Islamic Coinage in the Abbasid period
3. Arabic Script in the Early Islamic period – Kufic Calligraphy
4. Rise of Local Islamic kingdom coinages across the Islamic world
5. Introduction of Islamic coinage in India – Amirs of Sindh & Ghaznavid Coinage

Module II (02 credits) (01 credit per unit)

Unit 3- Early Medieval Coinage from Eighth century C.E. till twelfth century C.E.

1. Indo-Sassanid Coinage of Western India
2. Lakshmi type Coinages of Central India
3. Bull-and-Horseman Coinage of Kabul-Gandhara region and their derivatives
4. Kashmir & Bengal Early Medieval Coinage
5. Scripts on Early Medieval Coinages – Sharada Script

Unit-4 Early Medieval Coinage of South India & The Deccan

1. Pallava, Imperial Chola & Pandyan Coinage of Tamil Desha
2. Early Medieval Coinage of Karnataka and Andhra Desha
3. Early Medieval Coinage of Maharashtra & Goa
4. Byzantine and other Foreign coins found in India in the Early Medieval period
5. European coins in the Post-Byzantine period

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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

M.A. Sem II

Dharmashastra and Marital Law

Course Outcome:

CO1 - To understand Marital Law as per Dharmashastra literature , To compare Modern Marital Law with the law in past

Module I (02 credits) (01 credit per unit)

Unit I – Status of women

1. Sutra period
2. Smriti literature
3. Nibandha

Unit II – Marriage

1. Concept of Marriage
2. Its evolution as Institution
3. Ritualism

Module II (02 credits) (01 credit per unit)

Unit III- Marital laws

1. Concept
2. In Dharmashastra literature
3. Modern Hindu Law

Unit- IV - Stree-Dhana

1. Concept
2. In Dharmashastra literature
3. Modern Hindu Law

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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

M.A.Sem II

Sciences in Archaeology - Introduction to Archaeozoology

Course Outcomes-

- CO1 - This course will provide the archaeological student with a grounding in archaeozoology, which is critical for understanding human interactions with animals. Unit I will cover the basics of animal taxonomy, including the 3-domain theory and major animal phyla. It will then focus on covering ungulates (cattle, horse, sheep, goat, camelids) and their domestication, including identifications of bones and horns at an archaeological site.
- CO2 - The course will also cover carnivore domestication (dog/cat) and insect pests. Unit Two is focussed on Evolutionary Biology, covering Natural Selection, Sexual Selection and Genetic Drift, Population Genetics, Population Biology, Sociobiology and Animal Behaviour in order to give students a well-rounded, scientific perspective
- CO3 - Finally, the paper will cover genetic studies of animal domestication and human migration, including SNPs, DNA collection, PCR & Sequencing, mtDNA and Y-chromosomal studies.

Module I (02 credits) (01 credit per unit)

Unit 1. Taxonomy

1. 3-domain theory and major animal phyla
2. Ungulates and domestication
3. Carnivora and Insecta

Unit II: Evolutionary Biology

1. Theory of Natural Selection, Sexual Selection and Genetic Drift
2. Population Genetics and Population Biology
3. Sociobiology and Animal Behaviour

Module II (02 credits) (01 credit per unit)

Unit 3: Genetics

1. SNPs, DNA collection, PCR & Sequencing
2. mtDNA
3. Y-chromosome

Unit IV Laboratory visit

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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

M.A. Sem II

Sculptures and Painting traditions in India through ages

Course Outcome:

CO1 - To understand Traditions of Art in India, To understand Sculptures in India with reference to art, Rituals and Mythology, Philosophy, To understand Paintings in India

Module I (02 credits) (01 credit per unit)

Unit 1- Early Paintings in India

- A. Prehistoric Rock Art with special reference to Paintings
- B. Interpretations and Tribal parallels
- C. Bhimbetka: a Case Study

Unit 2- Early Historic Paintings in India

- A. Narrative Paintings: Changing Styles, Mediums, Technology and Themes
- B. Ajanta and Its place in Indian Painting tradition
- C. from Wall Paintings to Miniature paintings: Changing Styles, Mediums, Technology and Themes
- D. An Introduction to Chitrastotra

Module II (02 credits) (01 credit per unit)

Unit III: Sculptural Art in India

- A. Sculptural Art from 3rd century BCE to 1st Century BCE.
- B. Development of various Schools in Early Period: Gandhara, Mathura, Amaravati, Sarnath, Shrivasthi.
- C. Study of Some of the regional developments in Sculptural Art: Pala, Pratihara, Pallava,
- D. Rashtrakuta, Chandella.
- E. Chola Bronzes.

Unit IV: Study of Terracotta and Ivory

- A. Terracotta and Stucco art of the Kushana Period from India and Central Asia
- B. Study artistic Ivory objects from the early India and Central Asia
- C. Terracotta art of the Medieval Bengal

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Evaluation Pattern

- (Internal and External) / CA+UA = 50:50
 - Internal - 50 Marks
 - Class Test - 20 Marks
 - Project/Presentation- 20 Marks
 - Attendance, Class participation - 10 Marks
 - External -50 Marks
-

Question Paper Pattern

Module I -25 Marks Unit I & II

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15 Marks
- Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks

Module II -25 Marks - Unit III & IV

- Q.1 Write any essay (Full length question) on any ONE of the following .(Two options will be given) 15Marks
 - Q.2 Write in Short on any ONE of the following .(Two options will be given)10 Marks
-

Letter Grades and Grade Points

Semester Program Semester / Program	GPA/ CGPA	% of Marks	Alpha- Sign / Letter Grade Result
9.00 – 10.00		90.0-100	O (Outstanding)
8.00- < 9.00		80.0 - <90.0	A+ (Excellent)
7.00- < 8.00		70.0 - <80.0	A (Very Good)
6.00- < 6.00		60.0 - <70.0	B+ (Good)
5.50- < 5.50		55.0 - <60.0	B (Above Average)
5.00- < 5.00		50.0 - <55.0	C (Average)
4.00- < 4.00		40.0 - <50.0	P (Pass)
Below 4.00		Below 40	F (Fail)
Ab (Absent)		-	Absent

Appendix B

Justification for (Title of the New course)

1	Necessity for starting the course:	It is a need to establish the connection between the theory, methods and the practice of Archaeology
2	Whether the UGC has recommended the course:	Yes
3	Whether all the courses have commenced from the academic year 2023-24	Yes
4	The courses started by the University are self-financed, whether adequate number of eligible permanent faculties are available?:	Yes
5	To give details regarding the duration of the Course and is it possible to compress the course?:	M.A.-Two Years
6	The intake capacity of each course and no. of admissions given in the current academic year:	60
7	Opportunities of Employability / Employment available after undertaking these courses:	It provides a platform for conducting archaeological research. It provides an opportunities for a student to assist scholars / institutes / libraries / professors/Dept. Archaeology , State and A.S.I./Coin Galleries/Art Galleries/ Museums Excavation/ ExplorationProjects/Tourism Industry/Heritage Management /Consultancies with their research works/projects

Sign of HOD

Dr. Madhavi Narsalay
Centre for Extra-Mural studies
Department of archaeology

Sign of Dean,

Dr. Anil Singh
Faculty of Humanities