



Department of Ancient History, Culture and Archaeology
University of Allahabad, Prayagraj-211 002

LEARNING OUTCOMES DESCRIPTORS AND PROGRAMME OUTCOMES FOR A MASTER'S DEGREE (P.G. COURSE).

Master's degree (1 year/2 semesters of study): The Master's degree qualifies students who can apply an advanced body of knowledge in a range of contexts for professional practice, research, and scholarship and as a pathway for further learning. Graduates at this level are expected to possess and demonstrate specialized knowledge and skills for research, and/or professional practice and/or for further learning.

Master's Degree (2 years /4 semesters of study): The Master's degree qualifies students who can apply an advanced body of knowledge in a range of contexts for professional practice, research, and scholarship and as a pathway for further learning. Graduates at this level are expected to possess and demonstrate specialized knowledge and skills for research, and/or professional practice and/or for further learning. Master's degree holders are expected to demonstrate the ability to apply the established principles and theories to a body of knowledge or an area of professional practice.

Descriptor	Knowledge and understanding: The graduates should be able to demonstrate the acquisition of:
P.O. 1.	advanced knowledge about a specialized field of enquiry with a critical understanding of the emerging developments and issues relating to one or more fields of learning,
P.O. 2.	advanced knowledge and understanding of the research principles, methods, and techniques applicable to the chosen field(s) of learning or professional practice,
P.O. 3.	procedural knowledge required for performing and accomplishing complex and specialized and professional tasks relating to teaching, and research and development.
Descriptor	General, technical and professional skills required to perform and accomplish tasks: The graduates should be able to demonstrate the acquisition of:
P.O. 4.	advanced cognitive and technical skills required for performing and accomplishing complex tasks related to the chosen fields of learning.
P.O. 5.	advanced cognitive and technical skills required for evaluating research findings and designing and conducting relevant research that contributes to the generation of new knowledge.

P.O. 6.	specialized cognitive and technical skills relating to a body of knowledge and practice to analyze and synthesize complex information and problems.
Descriptor	Application of knowledge and skills: The graduates should be able to demonstrate the ability to:
P.O. 7.	apply the acquired advanced theoretical and/or technical knowledge about a specialized field of enquiry or professional practice and a range of cognitive and practical skills to identify and analyze problems and issues, including real-life problems, associated with the chosen fields of learning.
P.O. 8.	apply advanced knowledge relating to research methods to carry out research and investigations to formulate evidence-based solutions to complex and unpredictable problems.
Descriptor	Generic learning outcomes: The graduates should be able to demonstrate the ability to:
P.O. 9.	listen carefully, read texts and research papers analytically and present complex information in a clear and concise manner to different groups/audiences,
P.O. 10.	communicate, in a well-structured manner, technical information and explanations, and the findings/results of the research studies undertaken in the chosen field of study,
P.O. 11.	present in a concise manner view on the relevance and applications of the findings of recent research and evaluation studies in the context of emerging developments and issues.
P.O. 12.	evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
P.O. 13.	meet one's own learning needs relating to the chosen fields of learning, work/vocation, and an area of professional practice,
P.O. 14.	pursue self-paced and self-directed learning to upgrade knowledge and skills, including research-related skills, required to pursue a higher level of education and research.
P.O. 15.	problematize, synthesize, and articulate issues and design research proposals,

P.O. 16.	define problems, formulate appropriate and relevant research questions, formulate hypotheses, test hypotheses using quantitative and qualitative data, establish hypotheses, make inferences based on the analysis and interpretation of data, and predict cause-and-effect relationships,
P.O. 17.	develop appropriate tools for data collection for research,
P.O. 18.	the ability to use appropriate statistical and other analytical tools and techniques for the analysis of data collected for research and evaluation studies,
P.O. 19.	plan, execute, and report the results of an investigation,
P.O. 20.	follow basic research ethics and skills in practicing/doing ethics in the field/ in one's own research work.
P.O. 21.	make judgements and take decisions regarding the adoption of approaches to solving problems, including real-life problems, based on the analysis and evaluation of information and empirical evidence collected.
P.O. 22.	make judgement across a range of functions requiring the exercise of full responsibility and accountability for personal and/or group actions to generate solutions to specific problems associated with the chosen fields/subfields of study, work, or professional practice.
Descriptor	Constitutional, humanistic, ethical, and moral values: The graduates should be able to demonstrate the willingness and ability to:
P.O. 23.	embrace and practice constitutional, humanistic, ethical, and moral values in one's life,
P.O. 24.	adopt objective and unbiased actions in all aspects of work related to the chosen fields/subfields of study and professional practice,
P.O. 25.	participate in actions to address environmental protection and sustainable development issues,
P.O. 26.	support relevant ethical and moral issues by formulating and presenting coherent arguments,
P.O. 27.	follow ethical principles and practices in all aspects of research and development, including inducements for enrolling participants, avoiding unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.

Descriptor	Employability and job-ready skills, and entrepreneurship skills and capabilities/ qualities and mindset: The graduates should be able to demonstrate the acquisition of knowledge and skill sets required for:
P.O. 28.	adapting to the future of work and responding to the demands of the fast pace of technological developments and innovations that drive the shift in employers' demands for skills, particularly with respect to the transition towards more technology-assisted work involving the creation of new forms of work and rapidly changing work and production processes.
P.O. 29.	exercising full personal responsibility for the output of own work as well as for group/team outputs and for managing work that is complex and unpredictable requiring new strategic approaches.





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PROGRAMME SPECIFIC OUTCOMES (PSOS)

M.A. IN ANCIENT HISTORY, CULTURE AND ARCHAEOLOGY

PSO Code	PROGRAMME SPECIFIC OUTCOME
PSO1	Demonstrate comprehensive knowledge of ancient Indian political, social, economic, cultural, and religious systems.
PSO2	Critically analyze archaeological, epigraphic, numismatic, and literary sources for reconstructing ancient history.
PSO3	Apply archaeological methods, techniques, and theoretical frameworks in field and research settings.
PSO4	Develop interpretative and analytical skills for understanding material culture and heritage management.
PSO5	Employ interdisciplinary approaches combining archaeology, anthropology, geography, and history.
PSO6	Demonstrate ethical and professional responsibility in archaeological documentation and conservation.
PSO7	Communicate historical and archaeological findings effectively through academic writing and oral presentation.
PSO8	Engage in lifelong learning and contribute to cultural heritage research, preservation, and education.

COURSE OUTCOMES (COS)

SEMESTER I

COURSE CODE	COURSE TITLE	COURSE OUTCOMES (COS)
ANC-501	<i>Aspects of Ancient Indian Culture (Political, Social and Economic)</i>	CO1: Explain key features and historiographical approaches to Indian culture.

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COURSE CODE	COURSE TITLE	COURSE OUTCOMES (COS)
	<i>Institutions)</i>	CO2: Analyze evolution of political and social institutions such as monarchy, republics, and varna system. CO3: Assess roles of guilds, trade, and economic systems in early India. CO4: Evaluate gender roles and educational systems in ancient India.
ANC-502	<i>Political History of Ancient India (6th Century B.C.–185 B.C.)</i>	CO1: Identify sources for reconstructing early Indian political history. CO2: Analyze the rise of Mahajanapadas and the Magadhan empire. CO3: Evaluate the Mauryan administration and Ashokan policies. CO4: Interpret inscriptions and coins as historical data.
ANC-503	<i>Indian Palaeography</i>	CO1: Understand the origin and development of writing in India. CO2: Read and transliterate Brahmi and Kharoshthi scripts. CO3: Apply palaeographic methods to date inscriptions. CO4: Explain the transition from Brahmi to Nagari and southern scripts.
ANC-551 (A)	<i>Archaeological Theories</i>	CO1: Explain theoretical foundations and goals of archaeology. CO2: Interpret the relationship between archaeology and allied sciences. CO3: Understand stratigraphy, chronology, and classification methods. CO4: Apply environmental and geomorphological data to archaeological analysis.
ANC-552 (B)	<i>Elements of Indian Archaeology: Prehistory</i>	CO1: Identify prehistoric cultures of India and their characteristics. CO2: Explain methods and techniques used in prehistoric archaeology. CO3: Compare regional cultural developments from Palaeolithic to Neolithic.

COURSE CODE	COURSE TITLE	COURSE OUTCOMES (COS)
		CO4: Assess transitions from foraging to food production.

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SEMESTER II

COURSE CODE	COURSE TITLE	COURSE OUTCOMES (COS)
ANC-504	<i>Aspects of Ancient Indian Culture (Religion, Philosophy, Literature and Art)</i>	CO1: Discuss origins and developments of major Indian religions. CO2: Analyze philosophical traditions and their historical contexts. CO3: Interpret ancient literary sources for socio-cultural reconstruction. CO4: Examine styles and iconography in Mauryan to Gupta art.
ANC-505	<i>Political History of Ancient India (185 B.C.–319 A.D.)</i>	CO1: Explain the post-Mauryan political landscape. CO2: Evaluate Indo-Greek, Saka, Satavahana, and Kushana contributions. CO3: Interpret major inscriptions for political reconstruction. CO4: Trace transition to Gupta polity.
ANC-506	<i>Indian Numismatics</i>	CO1: Identify major coin types and their chronological development. CO2: Analyze coinage as a source for economic and political history. CO3: Compare regional and dynastic coinages. CO4: Understand evolution of early medieval currency systems.
ANC-553 (A)	<i>Archaeological Methods and Techniques</i>	CO1: Explain exploration and excavation methods. CO2: Apply stratigraphic and recording techniques. CO3: Understand dating methods and preservation practices. CO4: Prepare basic excavation reports following legal and ethical norms.
ANC-554 (B)	<i>Elements of Indian Archaeology: Proto-History and Historical Archaeology</i>	CO1: Discuss Harappan and Chalcolithic cultural phases. CO2: Evaluate evidence of early iron and its cultural significance. CO3: Analyze PGW, NBPW, and Megalithic cultures. CO4: Explain early historical urbanism and foreign trade.

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COURSE OUTCOMES (CO) – PROGRAMME OUTCOMES (PO) MAPPING MATRIX

SCALE: 3 = STRONG CORRELATION 2 = MODERATE CORRELATION 1 = LOW CORRELATION - = NO CORRELATION

SEMESTER I

COURSE CODE	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
ANC-501	CO1	3	2	–	2	2	-	2	3
ANC-502	CO2	3	3	1	-	2	1	-	3
ANC-503	CO3	2	-	-	3	2	-	2	3
ANC-551 (A)	CO4	2	-	3	3	-	2	2	3
ANC-552 (B)	CO5	2	3	3	-	3	2	-	3

SEMESTER II

COURSE CODE	COURSE TITLE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
ANC-504	CO1	3	-	1	3	2	1	-	3
ANC-505	CO2	-	3	1	-	2	-	2	3
ANC-506	CO3	2	3	-	3	2	2	-	3
ANC-553 (A)	CO4	2	-	3	3	3	3	2	-
ANC-554 (B)	CO5	3	3	-	3	3	2	2	-



COURSE STRUCTURE WITH MARKS DISTRIBUTION
MONSOON (SPRING) SEMESTER

Course Code		M.A.Semester-I	Maximum Marks	Maximum Credits
ANC-501	Core	Aspects of Ancient Indian Culture (Political, Social and Economic Institutions)	60 Marks	05 Credits
ANC-502	Core	Political History of Ancient India (from 6 th Century B.C. to C. 185 B.C.)	60 Marks	05 Credits
ANC-503	Core	Indian Paleography	60 Marks	05 Credits
ANC-551	Elective	Group-A (Archaeology): Archaeological Theories <u>OR</u>	60 Marks	05 Credits
ANC-552		Group-B (Non-Archaeology): Elements of Indian Archaeology: Prehistory		
Sessional Test/Exam (M.A. Semester-I)				
Sessional Test/Exam(40 Marks)		Exam Schedule		Total Credits
Test-1*		Third week of September	20 Marks	-
Mid-Semester Exam		Third week of October	20 Marks	-
Test-2 *		Third week of November	20 Marks	-
		*Best of the two test's marks (Test-1 Or Test-2) will be posted		
End Semester		First/Second Week of December	60 Marks	
Semester-I: Total Maximum Marks/Credits			400 Marks	20 Credits

COURSE STRUCTURE WITH MARKS DISTRIBUTION
WINTER (AUTUMN) SEMESTER

Course Code		M.A.Semester-II	Maximum Marks	Maximum Credits
ANC-504	Core	Aspects of Ancient Indian Culture (Religion, Philosophy, Literature and Art)	60 Marks	05 Credits
ANC-505	Core	Political History of Ancient India (from C. 185 B.C. to 319 A.D.)	60 Marks	05 Credits
ANC-506	Core	Indian Numismatics	60 Marks	05 Credits
ANC-553	Elective	Group-A (Archaeology): Archaeological Methods and Techniques	60 Marks	05 Credits
ANC-554		OR Group-B (Non-Archaeology): Elements of Indian Archaeology: Proto-History and Historical Archaeology		
Sessional Test/Exam (M.A. Semester-II)				
Sessional Test/Exam(40 Marks)		Exam Schedule		Total Credits
Test-1*		Third week of January	20 Marks	-
Mid-Semester Exam		Last week of February	20 Marks	-
Test-2*		Third week of March	20 Marks	-
		*Best of the two test's marks (Test-1 Or Test-2) will be posted		
End Semester		Third week of April	60 Marks	-
Semester-II: Total Maximum Marks/Credits			400 Marks	20 Credits



M.A. 1ST SEMESTER
COURSE CODE: ANC-501 (CORE)
Aspects of Ancient Indian Culture
(Political, Social and Economic Institutions)

UNIT-I

Introduction to Ancient Indian Culture

- a) The main characteristics of ancient Indian Culture
- b) Methods and approaches to the study of Indian culture:
Imperialist, Nationalist, Marxist

UNIT-II

Political Ideas and Institutions

- a) Origin, nature and functions of state
- b) Republics
- c) Monarchy and its feudal transformations

UNIT-III

Social Institutions

- a) Varna-caste system-origin and evolution
- b) Ashram system-nature and social significance
- c) Purusartha & Hindu Sanskaras

UNIT-IV

Social Institutions

- a) Position of women- their abilities and disabilities, proprietary rights and right to education
- b) Education system and educational Institutions: Taxilla, Nalanda, Vikramshila

UNIT-V

Economic Institutions

- a) Guilds: their organization, functions and their role in social and economic life
- b) Varta: Meaning and Significance, Agriculture and cattle rearing
- c) Trade and commerce

Books Recommended

Allchins B. and F.R.	-	Rise of Civilization in India and Pakistan
Altekar, A.S.	-	State and Government in Ancient India
	-	-Position of Women in Hindu Civilization
Aurobindo	-	Foundations of Indian Culture
Basham, A.L.	-	The Wonder that was India.
	-	-A Cultural History of India (ed)
Gopal, Lallanji	-	The Economic List of Northern India
Geeta Devi	-	Prachin Bharat Mein ShikshaVyavastha
Hiriyanna, M.	-	Concept of Indian Values
	-	-Outlines of Indian Philosophy
Gupta, Shiv Kumar	-	Bharatiya Chintan Ka Itihas
Kosambi, D.D.	-	The Culture and Civilization of Ancient India in Historical Outline
Majumdar, R.C.	-	Corporate Life in Ancient India
Mishra, Jaishankar	-	Prachin Bharat Ka SamajikItihas
Mishra, S.M.	-	Prachin Bharat Ka Arthikaltihas
Ojha, A.P.	-	Prachin Bharat Mein SamajikaStarikarana
Pande, G.C.	-	Foundations of Indian Culture-Meaning and Process of Culture.
Pandey, R.B.	-	Hindu Samskaras
Prabhu, P.H.	-	Hindu Social Organizations
Sharma, R.S.	-	Aspects of Political Ideas and Institutions in Ancient India (Hindi Tr.)
	-	-Sudras in Ancient India (Hindi Tr.)
	-	-Material Culture and Social Formations in Ancient India (Hindi Tr.)
Thapar, Romila	-	Cultural Pasts: Essays in Early Indian History
Thapalyal, K.K.	-	Guilds in Ancient India.
Tripathi, R.P.	-	Studies in Political and Socio-Economic History of Early India.
Yadava, B.N.S.	-	Society and Culture in Northern India in the Twelfth Century A.D.



M.A. 1ST SEMESTER
COURSE CODE: ANC-502(CORE)
Political History of Ancient India
(From 6th Century B.C. to C. 185 B.C.)

Note: To be taught with special reference to its Epigraphic and Numismatic basis.

UNIT-I

Sources

- a) Literary Sources: Indigenous and foreign
- b) Epigraphy as a source of Political History
- c) Numismatics as a source of Political History

UNIT-II

Beginnings of Historical Age

- a) Role of Buddhism and Jainism in the formation of kingship and state
- b) Political formation and second urbanization
- c) Mahajanapadas-Monarchical and republican states of sixth century B.C.

UNIT-III

Pre-Mauryan Period

- a) Persian invasion and its impact
- b) Rise of Magadha from Bimbisara to the Nandas
- c) Origin of the Nandas and achievements of Mahapadmananda
- d) Macedonian invasion and its impact

UNIT-IV

Mauryan Period

- a) Origin of Mauryas, achievements of Chandragupta Maurya and Bindusara
- b) Ashoka: Extent of empire, Dhamma and its propagation and estimate
- c) Mauryan administration
- d) Decline of the Mauryas

UNIT-V

Inscriptions Prescribed for Epigraphic study

Inscriptions of Asoka:

Bhabru Edict
Thirteenth Rock Edict
Seventh Pillar Edict
Minor Rock-Edict-I
Girnar Rock Edict

Books recommended

Bhandarkar, D.R.	-	Asoka
Jha, D.N. & Shrimali, K.M.	-	Prachin Bharat Ka Itihasa
JayarajBhoy	-	Alexander's Invasion and its Impact
Mookerjee, R.K.	-	Chandragupta Maurya and His Times
Majumdar, R.C	-	Age of Imperial Unity
Narain, A.K.	-	The Indo-Greeks
Negi, J.S.	-	Groundwork of Ancient Indian History
Pandey, R.N.	-	PrachinBharata Ka RajanitikaItihasa
Rapson, E.J. (Ed.)	-	Cambridge History of India-Vol. -1
Raychaudhuri, H.C.	-	Political History of Ancient India
Shastri, K.A.N. (Ed.)	-	Age of the Nandas and Mauryas
Sircar, D.C.	-	Select Inscriptions (IInd Ed.)
Sharma, G.R.	-	Reh Inscription of Menander and the Indo-Greek Invasion of the Ganga Valley.
Thapar, Romila	-	Asoka and Decline of the Mauryas



M.A. 1ST SEMESTER
COURSE CODE: ANC-503(CORE)
Indian Palaeography

UNIT-I

a) Inscriptions for Transliteration

- i. Rumindei
- ii. Girnar (First six lines) (Asokan edict)
- iii. Reh Inscription
- iv. Ayagapatta Inscription of Kausambi
- v. Ayodhya Inscription of Dhanadeva
- vi. Mehrauli Iron Pillar Inscription
- vii. Gandhakuti Lotus Lamp Inscription from Kausambi

b) Coins – Gold Coins of Samudragupta

c) Translation from Devanagari to Brahmi of the given period (Maurya, Kushana, Gupta)

UNIT-II

Origin and Antiquity of Writing in India

- a) Indus Script- its nature, problem of its decipherment
- b) Kharosthi Script – Origin and Development

UNIT-III

Development of Brahmi through different phases

- a) Origin and antiquity of Brahmi Script
- b) Features of Mauryan Brahmi
- c) Brahmi of Sunga Satvahana inscriptions

UNIT-IV

Development of Brahmi through different phases

- a) Brahmi of Saka-Kshatrapa inscriptions
- b) Brahmi of the Kushana inscriptions

UNIT-V

Gupta and Post Gupta Brahmi

- a) Brahmi of the Gupta period
- b) Development of Brahmi from Kutila to Nagari script
- c) Beginning of the Southern alphabets

Books Recommended

Aiyangar, S.K.	-	<i>The Historical Inscriptions of South India</i>
Buhler, J.G.	-	<i>Indian Palaeography</i>
Burnell, A.C.	-	<i>Elements of South Indian Palaeography</i>
Dani, A.H.	-	<i>Indian Palaeography</i>
Ojha, G.H.	-	<i>PrachinBhartiyaLipimala</i>
Pandey, R.B.	-	<i>Indian Palaeography, Part I</i>
Sircar, D.C.	-	<i>Select Inscriptions 2 Vols</i>
Sharma, G.R.	-	Reh Inscription and Indo-Greek Invasion of the Ganga Valley
Upasak, C.S.	-	<i>The History and Palaeography of Mauryan Brahmi</i>
Verma, T. P.	-	<i>Palaeography of Brahmi Script in North India</i>
Roy, S.N.	-	<i>BhartiyaPuralipi Evam Abhilekh</i>



M.A. 1ST SEMESTER
COURSE CODE: ANC-551 (ELECTIVE)
Archaeological Theories
(Group-A: -Archaeology)

UNIT-I

Ethnographical and Archaeological Perspective

- a) Archaeology, Ethnography and other allied disciplines-Definition and relationship with allied disciplines.
- b) The goals of archeological inquiry: archaeological context and evidence
- c) Archaeological analysis, description & reconstruction
- d) Archaeological explanation Evaluation.

UNIT-II

Basic Unit of Archaeological Inquiry

- a) Artifacts: Kinds of artifacts & technology
- b) Sites: Kinds of sites-geomorphological and functional
- c) Archaeological context: space and time
- d) Classification & nomenclature of archeological cultures and artifacts
- e) Interface between science and archaeology

UNIT-III

Environmental Studies

- a) Time scales: geological, anthropological and archaeological
- b) Geomorphology and archaeology
- c) The succession of climatic phases during the Pleistocene and Holocene

UNIT-IV

Pleistocene Stratigraphy& Chronology

UNIT-V

Valley Formation

- a) Glaciers & glacial formations
- b) River Valleys, terraces and sections

Books Recommended

Atkinson, R.J.C.	-	<i>Field Archaeology</i> (revised ed.), London
Allchin, B.	-	<i>Living Traditions: Studies in Ethno-Archaeology of South Asia</i>
Binford, L.R.	-	<i>New Perspective in Archaeology</i>
Brothwell, D.R.	-	<i>Science in Archaeology</i> (revised), London
Butzer, K.W.	-	<i>Environment and Archaeology</i>
Chakrabarti, D.K.	-	<i>A History of Indian Archaeology from Beginning to 1947</i>
Clarke, D.L.	-	<i>Analytical Archaeology</i> , London, New York
Clark, Grahme	-	<i>Archaeology and Society</i> , London
Clark, W. Legros	-	<i>The Fossil Evidence of Human Evolution</i> , Chicago
Cookson, M.B.	-	<i>Photography for Archeology</i> , London
Cotton, C. Ar	-	<i>Geomorphology</i> (4 th ed.), London
Crawford, O.G.S.	-	<i>Archaeology in the Field</i> (7 th ed.), New York
Daniel, G.	-	<i>150 Years of Archaeology</i> (2 nd ed.), London
Flint, R.F.	-	<i>Glacial Geology and the Pleistocene Epoch</i> (4 th revised ed.), New York
Hole, F. and Hetzer R.	-	<i>An Introduction to Prehistoric Archaeology</i> (3 rd ed.), New York
Kenyon, K.M.	-	<i>Beginnings in Archaeology</i> , New York
Leakey, L.B.S.	-	<i>Adam's ancestors</i> (4 th ed.), New York
Michael, H. Dray	-	<i>Guide to Fossil Man</i> , (3 rd revised ed.), New York
Oakley, K.P.	-	<i>Man the Tool Maker</i> (4 th ed.) London
Pandey, J.N.	-	<i>Puratattva Vimarsh</i> (Hindi)
Piggott, S.	-	<i>Approaches to Archaeology</i> , Cambridge
Renfrew, Colin	-	<i>Approaches to Social Archaeology</i>
Renfrew, Colin	-	<i>Theories, Methods and Practice</i>
Sankalia, H.D.	-	<i>Stone Age Tools: Their Techniques, Names and Functions</i>
Varma, R.K.	-	<i>Bhartiya Pragatihas</i> (Methods and Techniques), Allahabad
	-	<i>Kshetriya Puratattva</i>
Wheeler, R.E.M.	-	<i>Archaeology from the Earth</i> , Baltimore
Zeuner, F.E.	-	<i>The Pleistocene Period, Its Climate, Chronology and Faunal succession</i> , London



COURSE CODE: ANC-552(ELECTIVE)
Elements of Indian Archaeology: Prehistory
(Group-B: - Non-Archaeology)

UNIT-I

Methods and Technique

- a) Archaeology and Ethnography-definition and relationship with allied disciplines
- b) Introduction to Archaeological field methods & techniques

UNIT-II

Palaeolithic Cultures of India

- a) Sohan
- b) Belan
- c) Son
- d) Narmada

UNIT-III

Mesolithic Cultures of India

- a) Vindhya
- b) Ganga Valley

UNIT-IV

Neolithic Cultures of India

- a) Northern India
- b) Vindhya
- c) Southern India

UNIT-V

Transitional Phases

- a) Hunting, Gathering to Food Production
- b) Food Production to Urbanization

Books Recommended

Agrawal, D.P. and Ghosh, A. (eds)	-	<i>Radiocarbon and Indian Archaeology</i>
Allchin, B.	-	<i>Living Traditions: Studies in Ethno-Archaeology of South Asia</i>
Chakrabarti, D. K	-	<i>A History of Indian Archaeology from Beginning to 1947</i>
Misra, V.D.	-	<i>Some Aspects of Indian Archaeology</i>
Misra, V.N. and Mate, M.S. (eds)	-	<i>Indian Prehistory: 1964</i>
Misra, V.D. and Pal, J.N.	-	<i>Indian Prehistory: 1980</i>
Pal, J. N	-	<i>Archaeology of Southern Uttar Pradesh</i>
Pande, G.C.	-	<i>The Dawn of Indian Civilization</i>
Pandey, J.N.	-	<i>Puratattva Vimarsha</i>
Renfrew, Colin	-	<i>Approaches to Social Archaeology</i>
Renfrew, Colin and Bahn, Paul	-	<i>Archaeology: Theories, Methods & Practice</i>
Sankalia, H.D.	-	<i>Prehistory and Protohistory of India and Pakistan</i>
Sharma, G.R.	-	<i>K.C. Chattopadhyay Memorial Volume</i>
Sharma, G.R, V.D. Misra, D. Mandal, B.B. Misra and J.N. Pal	-	<i>Beginning of Agriculture</i>
Varma, R.K.	-	<i>Bhartiya Pragaitihasika Sanskritiyan</i>
	-	<i>-Kshetriya Puratattva</i>
	-	<i>-Bhartiya Pragaitihas (Methods and Techniques)</i>

Different Numbers of *Puratattva*, Journal of Indian Archaeological Society, New Delhi

Different Numbers of *Ancient India*, Bulletin of Archaeological Survey of India, New Delhi

Different Numbers of *Man and Environment*, Journal of Indian Society for Prehistoric and Quaternary Studies, Pune



M.A. IIND SEMESTER
COURSE CODE: ANC-504(CORE)
Aspects of Ancient Indian Culture:
(Religion, Philosophy, Literature and Art)

UNIT- I

Sources, Approaches and Early History of Religion

- a) Indus Religion
- b) Vedic Religion
- c) Buddhism and Jainism

UNIT-II

Later Religions

- a) Vaisnavism
- b) Saivism: Pashupata, Lingayata and other sub-sects.
- c) Other minor sects: Ajivaka, Saura, Shakta

UNIT-III

Philosophy

- a) Upanisad
- b) Bhagavadgita
- c) Sankhya and Yoga
- d) Vedanta (Shankara & Ramanuja)

UNIT-IV

Literature

- a) Date, Authorship, Nature, Content and Historical Significance of Manusmriti
- b) Kautilya's Arthashastra – Date, Authorship and Nature
- c) Milindapanho – Historical Significance
- d) Date of Kalidasa - Historical Significance of Malvikagnimitram

UNIT-V

Art

- a) Maurya and Sunga Art – Ashokan Pillars, Stupas of Sanchi and Bharhut
- b) Kushana Art: Gandhara and Mathura School of Art
- c) Gupta Art: Temple Architecture

Books Recommended

Agrawal, V.S.	-	<i>Indian Art (Hindi Translation)</i>
Allchin, B and F.R.	-	<i>Rise of Civilization in India and Pakistan</i>
Aurobindo	-	<i>Foundation of Indian Culture</i>
Basham, A.L.	-	<i>The Wonder that was India</i>
	-	<i>A Cultural History of India (ed.)</i>
Bhandarkar, R.G.	-	<i>Vaisnavism, Saivism and Minor Religious System (Hindi Translation)</i>
Geeta Devi	-	<i>Prachin Bharat Mein Shiksha Vyavastha</i>
Hiriyanna, M	-	<i>Concept of Indian Values</i>
	-	<i>Outline of Indian Philosophy</i>
Gupta, Shiv Kumar	-	<i>Bharatiya Chintan Ka Itihas</i>
Kosambi, D.D.	-	<i>The Culture and Civilization of Ancient India In Historical Outline</i>
Mishra, Jaishankar	-	<i>Prachin Bharat Ka Samajik Itihas</i>
Pande, G.C.	-	<i>Foundations of Indian Culture</i>
	-	<i>Baudha Dharma Ke Vikash Ka Itihas</i>
	-	<i>Meaning and Process of Culture</i>
Pandey, R.B.	-	<i>Hindu Samskaras</i>
Prabhu, P.H.	-	<i>Hindu Social Organizations</i>
Radha Krishnan, S	-	<i>Indian Philosophy, 2 Vols.</i>
Rowland, Benjamin	-	<i>Art and Architecture of India</i>
Sharma, R.S.	-	<i>Aspects of Political Ideas and Institutions in Ancient India (Tr.)</i>
	-	<i>Sudras in Ancient India (Hindi Tr.)</i>
	-	<i>Material Culture and Social Formations in Ancient India (Hindi Tr.)</i>
Thapar, Romila	-	<i>Cultural Pasts-Essays in Early Indian History</i>
Tripathi, R.P	-	<i>Studies in Political and Socio-Economic History of Early India</i>
Winternitz, M.	-	<i>History of Indian Literature – Vols. I & II</i>
Yadava, B.N.S	-	<i>Society and Culture in Northern India in the Twelfth Century A.D.</i>



M.A. IIND SEMESTER
COURSE CODE: ANC-505(CORE)
Political History of Ancient India
(From C. 185 B.C. to 319 A.D.)

UNIT-I

Sources

- Literary Sources: Indigenous and foreign
- Epigraphy as a source of Political History
- Numismatics as a source of Political History

UNIT-II

Post Mauryan Period

- The Sungas and the Kanvas
- Yavanas (Indo-Greeks)
- Chedis of Kalinga – Kharavela

UNIT-III

Sakas and Satvahanas

- Origin and early history of Satvahanas
- Achievements of GautamiputraSatkarni
- Achievements of VashishtiputraPulumavi
- Achievements of Rudradaman-I

UNIT-IV

Kushanas

- Origin and history of early Kushanas
- Kanishka I: Extent of the empire, date, cultural achievements
- Successors of Kanishka-I: Vashishka, Huvishka, Kanishka-II, etc.
- India on the eve of the rise of the Guptas

UNIT-V

Inscriptions Prescribed for Epigraphic Study:

- Ayodhya inscription of Dhanadeva
- Besanagar inscription of Heliodorus
- Hathigumpha cave inscription of Kharavela
- Nasik cave inscription of Vasisthiputra
- Junagarh inscription of Rudradaman-I
- Rebtak inscription of the first year of Kaniska-I

Books Recommended

Jha, D.N. & Shrimali, K.M.	-	<i>Prachin Bharat Ka Itihasa</i>
Majumdar, R.C.	-	<i>Age of Imperial Unity</i>
Narain, A.K.	-	<i>The Indo-Greeks</i>
Negi, J.S.	-	<i>Groundwork of Ancient Indian History</i>
Pandey, R.N.	-	<i>PrachinBharata Ka Rajanitikaltihasa</i>
Rapson, E.J. (Ed.)	-	<i>Cambridge History of India-Vol. I</i>
Raychaudhuri, H.C.	-	<i>Political History of Ancient India</i>
Sircar, D.C.	-	<i>Select Inscriptions (IInd Ed.)</i>
Sharma, G.R.	-	<i>Reh Inscription of Menander and Indo-Greek Invasion of the Ganga Valley</i>
Thapar, Romila	-	<i>Asoka and Decline of the Mauryas</i>



M.A. IIND SEMESTER
COURSE CODE: ANC-506(CORE)
Indian Numismatics

UNIT-I

Origin and Early Coinage

- a) Origin and Antiquity of Coinage in ancient India
- b) Punch-Marked Coins
- c) Uninscribed cast copper coins

UNIT-II

Local Coins:

- a) Coins of Yaudheya, Arjunayana, Malava and Audumbara
- b) Coins from Taxilla, Panchala, Kaushambi, Ayodhya
- c) Indo-Greek coins

UNIT-III

Dynastic Coins

- a) Satvahana coins
- b) Saka-Pahlava coins
- c) Kushana Coinage:

UNIT-IV

Gupta Coinage:

- a) Gold,
- b) Silver
- c) Copper coins

UNIT-V

Early Medieval Coinage

Early Medieval Coinage: Problem of the paucity of Coinage

Books Recommended

Chattopadhyaya, B.D.	-	Coins and Currency System of Southern India
Gupta, P.L.	-	BharatiyaSikke
Sircar, D.C.	-	Studies in Indian Coins
RaizadaAjit	-	BhartiyaSikkon Ka Itihas
Singh, A.S.	-	Bharat Ki PrachinMudrayen
Sharma, I.K.	-	Coinage of the Satavahana Empire



M.A. IIND SEMESTER
COURSE CODE: ANC-553(ELECTIVE)
Archaeological Methods and Techniques
(Group-A: -Archaeology)

UNIT-I

Methods of Exploration: Traditional

- a) Literary Sources
- b) Village to Village Survey Maps

UNIT-II

Methods of Exploration: Scientific

- a) Geological and Aerial Maps
- b) Remote Sensing
- c) Under Water Archaeology
- d) Application of Scientific Equipment in Exploration

UNIT-III

Methods and Techniques of Excavation:

Designing & Layout of Trenches, Types of Trenches, Staff & Tools, Kinds of Excavation – vertical, horizontal, step excavation.

UNIT-IV

Stratigraphy & Stratification:

- a) Layers and their Identification, Numbering and Significance, Pits – Kind of Pits, their Numbering and Significance.
- b) Recording: Three – dimensional Techniques, their Significance; Photographic Recording, its Methods & Techniques; Drawings, its Methods and Techniques
- c) Excavation strategies involved in excavating: Stupa, Burials/Town/City, pits, Caves & Rock Shelters

UNIT-V

Chronology, Preservations & Reporting:

- a) Nature of Time in Archaeology
 - (i) Relative Dating Methods: Stratigraphy, Typology, Pollen Analysis, Fluorine Test.
 - (ii) Chronometric Dating Methods: Radiocarbon Method (C-14), Potassium-Argon Dating Technique, Thermoluminescence (TL) Dating, Dendrochronology, Fission Track.
- b) Preservation and Conservation of Antiquities.
- c) Writing Excavation Report.
- d) Archaeology & Legislation: Antiquarian Law; Monument Acts.

Books Recommended

Atkinson, R.J.C.	-	<i>Field Archaeology</i> (revised ed.), London
Allchin, B.	-	<i>Living Traditions: Studies in Ethno- Archaeology of South Asia</i>
Binford, L.R. & Sally	-	<i>New Perspectives in Archaeology</i>
Brothwell, D.R.	-	<i>Science in Archaeology</i> (revised), London
Butzer, K.W.	-	<i>Environment and Archaeology</i>
Chakrabarti, D.K.	-	<i>A History of Indian Archaeology from beginning to 1947</i> , Delhi
Clarke, D.L.	-	<i>Analytical Archaeology</i> , London, New York
Clark, Grahme	-	<i>Archaeology and Society</i> , London
Clark, W. Legros	-	<i>The Fossil Evidence Human Evolution</i> , Chicago
Cookson, M.B.	-	<i>Photography for Archaeology</i> , London
Cotton, C.A.	-	<i>Geomorphology</i> (4 th ed.), London
Crawford, O.G.S.	-	<i>Archaeology in the Field</i> (7 th ed.), New York
Daniel, G.	-	<i>150 Years of Archaeology</i> (2 nd ed.), London
Flint, R.F.	-	<i>Glacial Geology and the Pleistocene Epoch</i> (4 th revised ed.), New York
Harris, E.C.	-	<i>Principles of Archaeological Stratigraphy</i> , (2 nd ed.), London
Hole, F. and R. Hetzer	-	<i>An Introduction to Prehistoric Archaeology</i> (3 rd ed.)
Kenyon, K.M.	-	<i>Beginnings in Archaeology</i> , New York
Leakey, L.S.B.	-	<i>Adam's Ancestors</i> (4 th ed.), New York
Michael, H. Dray	-	<i>Guide to Fossil Man</i> (3 rd revised ed.), New York
Oakley, K.P.	-	<i>Man the Tool Maker</i> (4 th ed.), London
Pandey, J.N.	-	<i>Puratattva Vimarsh</i> (Hindi)
Piggot, S.	-	<i>Approach to Archaeology</i> , Cambridge
Renfrew, Colin	-	<i>Approaches to Social Archaeology</i>
Renfrew, Colin & Bahn, Paul	-	<i>Archaeology: Theories, Methods & Practice</i> , London
Sankalia, H.D.	-	<i>Stone Age Tools: Their Techniques, Names and Probable Functions</i>
Varma, R.K.	-	<i>Bhartiya Pragatihas (Methods and Techniques)</i> , Allahabad
	-	<i>Kshetriya Puratattva</i>
Wheeler, R.E.M.	-	<i>Archaeology from the Earth</i> , Baltimore
Zeuner, F.E.	-	<i>The Pleistocene Period, Its Climate, Chronology and Faunal Succession</i> , London



M.A. IIND SEMESTER

COURSE CODE: ANC-554(ELECTIVE)

**Elements of Indian Archaeology: Proto-History and Historical Archaeology
(Group-B: -Non-Archaeology)**

UNIT-I

Harappan

- Antecedents
- Main features
- Decline

UNIT-II

Non-Harappan Chalcolithic Culture

- Kaytha
- Ahar
- Navdatoli (Malwa)
- Jorwe
- Copper-Hoards

UNIT-III

Antiquity of Iron

- Archaeological evidence
- Literary evidence

UNIT-IV

Iron Age Cultures of North India

- P.G.W.
- N.B.P.W.

UNIT-V

Iron Age Culture of South India

- Megalithic Cultures
- India's contact with the Roman world

Books Recommended

Agrawal, D.P.		<i>Copper, Bronze Age in India</i>
Agrawal, D.P. and Ghosh, A. (eds)		<i>Radiocarbon and Indian Archaeology</i>
Allchin, B.		<i>Living Traditions: Studies in Ethno Archaeology of South Asia</i>
Allchin, F.R.		<i>Archaeology of Early Historic South Asia: The Emergence of city and State</i>
Banerjee, N.R.		<i>The Iron Age in India</i>
Chakrabarti, D.K.		<i>A History of Indian Archaeology from Beginning to 1947</i>
Ghosh, A.		<i>The City in Early Historical India</i>
Lal, B.B.		<i>Early Civilization of South Asia</i>
Misra, V.D.		<i>Some Aspects of Indian Archaeology</i>
Misra, V.N. and Mate, M.S. (eds)		<i>Indian Prehistory: 1964</i>
Misra, V.D. and Pal, J.N.		<i>Indian Prehistory: 1980</i>
Pal, J.N.		<i>Archaeology of Southern Uttar Pradesh</i>
Pande, G.C.		<i>The Dawn of Indian Civilization</i>
Pandey, J.N.		<i>Puratattva Vimarsha</i>
Ram Chandran		<i>Bibliography of Indian Megaliths</i>
Ratnagar, Shirin		<i>Decline of Harappan Civilization</i>
Renfrew, Colin		<i>Approaches to Social Archaeology</i>
Renfrew, Colin and Bahn, Paul		<i>Archaeology: Theories, Methods & Practice</i>
Sankalia, H.D.		<i>Prehistory and Protohistory of India and Pakistan</i>
Sharma, G.R.		<i>Excavations at Kausambi (1957-59) K.C. Chattopadhyay Memorial Volume</i>
Sharma, G.R., V.D. Misra, D. Mandal, B.B. Misra and J.N. Pal		<i>Beginning of Agriculture</i>
Thaplyal, K.K.		<i>Sindhu Sabhyata</i>
Tripathi, Vibha		<i>Painted Grey Ware and Iron Age Cultures of Northern India</i>
Varma, R.K.		<i>Bhartiya Pragaitihasa Sanskritiyan</i>
		<i>-Kshetriya Puratattva</i>
		<i>-Bhartiya Pragaitihasa (Methods and Techniques)</i>
Wheeler, R.E.M.		<i>Indus Civilization</i>

Different Numbers of *Puratattva*, Journal of Indian Archaeological Society, New Delhi

Different Numbers of *Ancient India*, Bulletin of Archaeological Survey of India, New Delhi

Different Numbers of *Man and Environment*, Journal of Indian Society for Prehistoric and Quaternary Studies, Pune