PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR



POST GRADUATE CURRICULUM FRAMEWORK

Choice Based Credit System

(According to National Education Policy 2020)

Name of Faculty : Humanities

Subject : A.I.H.C & Archaeology

Name of the Course : M.A. Part-I(Semester I & II)

With effect from : Academic Year 2023-24

PUNYASHLOK AHILYADEVI HOLKAR, SOLAPUR UNIVERSITY, SOLAPUR

Structure and Credit Distribution of PG Degree Programme School of Social Sciences, Subject: A.I.H.C & Archaeology Syllabus (According to NEP 2020) Choice Based Credit System M.A.-I, SEMESTER –I & II (w.e.f.2023-2024)

Preamble:

Ancient Indian History Culture & Archaeology is important subject to know about our ancient knowledge, glorious past, and heritage. Archaeology is a science by which the remains of ancient man can be methodically & systematically studied to obtain a complete picture of his ancient culture & society to a possible extent. To understand this cultural process, archaeologists study all physical traces encountered both in excavations & explorations. The archaeological monuments stand as mute examples of the people who lived hundred & thousands of years ago. The syllabus has been framed with a view to interpret the ancient history, culture, archaeology, new discoveries & trends in Archaeology.

2. Objectives of the Course:

- 1. The objectives of this course are to interpret Archaeology, Art & Architecture and other aspects of culture, tradition through various Heritage sites.
- 2. To promote Heritage & Culture.
- 3. To introduce Skill of Excavation & Prehistoric Tool Making technique.
- 4. Introduce students to the Iconography of different religious traditions. (Hinduism, Buddhism and Jainism).
- 5. To understand Iconography, Iconology & Iconometry.
- 6. Students will be introduced to the major developments in Art and Architecture in India from the Prehistory to Early Medieval period.
- 7. To get the knowledge of Epigraphy & Palaeography.
- 8. To analyze the Technique of Rock cut caves & Rock cut Temples.
- 9. To interpret the Numismatics.
- 10. To impart the knowledge of Prehistoric Rock paintings.
- 11. To study the Protohistoric art & pottery paintings.
- 12. To know the forms of Ancient Indian Paintings.
- 13. This course introduces students to the process of archaeological investigation of sites & process of documentation.
- 14. To study Museology, methods of conservation & preservation.
- 15. To develop the basics of Research Methodology & its presentation.

3. Outcomes of the Course:

- 1. Students gain a basic understanding of the nature, and development of archaeology as a discipline.
- 2. Students will be familiarized to the basic outline of the Prehistory & Protohistory of South Asia and the changing environments of the Quaternary and can better appreciate the role of India in the global context
- 3. Students learn about the different Iconographic traditions of India which would help him in identifying a sculpture and placing it correctly to its specific phase; also will be familiar with the different religious traditions of the Indian subcontinent.
- 4. Students are introduced to some of the theories explaining the process of plant and animal domestication and the development of the first state level societies.
- 5. Students are introduced to the major developments in art and Architecture in India from the earliest rock cut caves to the beginning of temple architecture.
- 6. Students learn about the development of Indian scripts from Indus scripts to modern Indian scripts. They become familiar with the most important epigraphical records.
- 7. The student gets acquainted with the theoretical approaches as well as the methodology of carrying out Numismatics studies.
- 8. Students gain grounding in theoretical issues related to archaeology and research methodology.
- 9. Students gain an insight into the development of the discipline of archaeology in India and the factors which have influenced its growth.
- 10. Students learn the basic functions of museums and their activities. Conservation, education, exhibition collection, documentation and research and legislation relating to museum.

PUNYASHLOK AHILYADEVI HOLKAR, SOLAPUR UNIVERSITY, SOLAPUR

Structure and Credit Distribution of PG Degree Programme School of Social Sciences, Subject: A.I.H.C & Archaeology (According to NEP 2020) Choice Based Credit System M.A.-I, SEMESTER –II (w.e.f.2023-2024)

LEVEL	SEMESTER	TITLEOF THE PAPER	SEMESTER EXAM			TOTAL
			UA THEORY	CA	TOTAL	CREDITS
	Subject	Major-Mandatory (DS	C)			
6.0	DSC-V	Political History of Ancient India(up to 650CE)	80	20	100	4
	DSC VI	Prohistory of South Asia	80	20	100	4
	DSC-VII	Methods in Archaeology	80	20	100	4
	DSC- VIII	Practical	20	30	50	2
		DSE- (Discipline Specific Elective)(Any One)				
	DSE-V	Heritage Tourism & Management	80	20	100	4
	DSE- VI	Ancient Deccan	80	20	100	4
	DSE-VII	Political Ideas & institutions in Ancient India	80	20	100	4
	DSE-VIII	Ancient Indian Science & Technology	80	20	100	4
	OJT/FP					
	OJT/FP	On job Training/Field Project	80	20	100	4
		· · · · ·		Total	Credits	22

PUNYASHLOK AHILYADEVI HOLKAR, SOLAPUR UNIVERSITY, SOLAPUR

Structure and Credit Distribution of PG Degree Programme School of Social Sciences, Subject: A.I.H.C & Archaeology (According to NEP 2020) Choice Based Credit System M.A.-I, SEMESTER –I (w.e.f.2023-2024)

LEVEL	SEMESTER	TITLEOF THE	SEMES	TER F	EXAM	TOTAL
		PAPER	UA THEORY	CA	TOTAL	CREDITS
	Subject	Major-Mandatory (DS	C)			
	DSC-I	Introduction to Archaeology	80	20	100	4
	DSC II	Indian Prehistory	80	20	100	4
	DSC-III	Ancient Indian Iconography	80	20	100	4
6.0	DSC-IV	Practical	20	30	50	2
		DSE- (Discipline Specific Elective)(Any One)				
	DSE-I	Introduction to Museology	80	20	100	4
	DSE-II	Ethno Archaeology	80	20	100	4
	DSE-III	Ancient Indian Literature	80	20	100	4
	DSE-IV	Social & Economic History of India(Up to 1200 CE)	80	20	100	4
	RM (Research Methodology)					
	RM	Research Methodology in A.I.H.C. & Archaeology	80	20	100	4
			<u> </u>	Total	Credits	22

Marks: 100 (80+20)

DSC-I Introduction to Archaeology 80 Marks

Unit- I	Definitions, Aims & Scope of Archaeology		
	 a) Archaeology as the study of the past: Definitions of Archaeology, Aims, Scope and Methods b) Key Archaeological findings and their significance b) Distinction between Archaeology, History and Anthropology 		
Unit- II	 Archaeological Sources for Reconstruction of Human past a) Nature of the archaeological record b) Definition of archaeological sites c. Artifacts and Eco facts 		
Unit- III	Development of Archaeological Research in India.		
	a) Development before independence		
	b) Development after independence		
Unit- IV	The Role of Natural and Social Science in Archaeology		
	a) Archaeology & Natural Sciences		
	b) Archaeology & Social Sciences		
Unit- V	Branches of Archaeology		
	a) New Archaeology		
	b) Procession & post-procession Archaeology		
	c) Environmental Archaeology,		
	d) Experimental Archaeology		
	e) Under-water Archaeology		
	f) Ethno- Archaeology		
	g) Public Archaeology		
Unit- VI	Contribution of the Scholars in Archaeology		
	a) Mortimer Wheeler		
	b) Alexander Cunningham		

- c) Sir John Marshal,
- d) H.D. Sankalia,
- e) D.D. Kosambi
- f) B. B. Lal
- g) K. K. Muhammad
- h) S.B.Deo,
- i) M.K. Dhavalikar
- j) G. B. Deglurkar

Note:- 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

- 1. Binford, L.R. 1983. In Pursuit of the Past: Decoding the Archaeological Record. London: Thames and Hudson
- 2. Bintliff, John. 2004. A companion to Archaeology. U.K.: Blackwell.
- 3. Cela-Conde, Camilo J. and Francisco José Ayala. 2007. Human Evolution: Trails from the Past. Oxford Oxford University Pres
- 4. Chakrabarti D.K. 1988. A History of Indian Archaeology: From Beginning to 1947. New Delhi: Munshilal Manoharlal Publication
- 5. Daniel, Glyn, E. 1981. A Short History of Archaeology. London: Duckworth.
- 6. Deo S.B. Puratarttva Vidya
- 7. Fagan, B. 1988. In the beginning: An Introduction to Archaeology. Glenview: Scott, Foresman and company. Feder, K.L. 2004
- 8. Pande Jaynarayan . Puratattva Vimarsha.
- 9. Patil Maya Purattatva: Ek Paryalochan(Marathi), Suvidya Prakashan, Solapur, 2011
- 10. Raman K.V. Principles and Methods in Archaeology
- 11. Rajan K. Archaeological Principles and Methods
- 12. Chakrabarti, D.K. 1988 A History of Indian Archaeology: From the Beginning to 1947. New Delhi: Munsiram Manoharlal.

Marks: 100 (80+20)

DSC II -	Indian Prehistory	80 marks		
Unit-I	Definitions, aims, Subject Matter, Sco	ope, Aims		
Unit-II	The Quaternary Period			
	a) Introduction to Quaternary Period			
	b) Global Climate History during the	Quaternary		
	c) Indian Environment & Quaternary			
Unit-III	a) Human Evolution			
	b) Introduction to Typology			
	c) Tools Technology			
Unit –IV	The Palaeolithic Age			
	a) The Lower Palaeolithic Age- Act	neulian		
	Nature and significance of the techno	logy, Distribution and Variation,		
	Important areas, Associated Fauna, Cl	ronology		
	b) The Middle Palaeolithic Age- Nature and significance of the			
	technology, Distribution and Variation	n, Important areas, Associated		
	Fauna, Chronology			
	c) The Upper Palaeolithic Age - Na	ture and significance of the		
	technology, Distribution and Variation	n, Important areas, Associated		
	Fauna, Chronology	-		
Unit-V	The Mesolithic Age			
	a) Nature & Significance of technolog	gy		
	b) Important Sites			
	c) Associated Fauna			
Unit- VI	Rock Art			
	a) Bhimbetka rock Paintings			
	b) Adamgarh			
	c) Burzhome			
	/			

Note: - 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

- 1. Agrawal D.P. 1992.Man and Environment in India through Ages. New Delhi: Books and Books.
- 2. Agrawal D.P.and J.S. Kharakwal, 20052, South Asian Prehistory. New Delhi: Aryan Book.
- 3. Neumayer, E. 2010. Rock Art of India. Oxford and New Delhi: Oxford University Press. Pandey, S. K. 1993. Indian Rock Art. Delhi: Aryan Books International.
- 4. Pant, P.C. and V. Jayaswal. 1991. Paisra : The Stone Age Settlement of Bihar. Delhi: Agam Kala Prakashan.
- Pappu, R. S. 2001. Acheulian Culture in Peninsular India: an Ecological Perspective. New Delhi: D.K. Printworld.
- Chakravarty, K. K., and R. G. Bednarik. 1997. Indian Rock Art in Global Context. Delhi: Motilal Banarasidass & IGRMS.
- Clark, J.D. and Sharma, G.R. (Eds.) Palaeoenvironment and Prehistory in the Middle Son Valley, Madhya Pradesh, North Central India. Allahabad: Abinash Prakashan.
- 8. Cooper, Z. M. 1997. Prehistory of the Chitrakot Falls, Central India. Pune:Ravish Publishers.
- Corvinus, G.1983. A Survey of the Pravara River System in Western Maharashtra, India, Vol 2. The Excavations of the Acheulian Site of Chirki-on-Pravara, India. Tubingen:Institute for Urgeschichte.
- 10. Corvinus, G. 2007. Prehistoric Cultures in Nepal: From the Early Palaeolithic to the Neolithic and the Quaternary Geology of the Dang-Deokhuri Dun Valleys, Volume 1.
- 11. Friedrich-Alexander-Universität Erlangen-Nürnberg. Institut für Ur- und Frühgeschichte. Harrassowitz Verlag.
- 12. De Terra, H. and T.T.Paterson Eds.1939. Studies on the Ice Age in India and Associated Human Cultures.Washington:Carnegie Institution of Washington Publication No.493.
- Dennell, R.W.2009. Palaeolithic Settlement of Asia. Cambridge: Cambridge University Press.
- Bhattacharya D.K. Prehistoric Archaeology, New Delhi. Bhattacharya D.K. An Outline of Indian Prehistory, New Delhi.
- 15. Chakravary, K.K. (Ed) 1984. Rock Art of India. New Delhi: Arnold-Heinemann.
- 16. Chakravary D.K. The Oxford Companion of India Archaeology.
- Sankalia H.D. 1974. Prehistory and Proto history of India and Pakistan Pune: Deccan College.
- Sankalia H.D. 1974 Stone Age tools: Their Names and Probable functions. Pune : Deccan College.
- 19. Jain V.K. Pre & Proto history of India,
- 20. Patil Maya– Purattatva: Ek Paryalochan(Marathi), Suvidya Prakashan, Solapur, 2011

DSC-III Ancient Indian Iconography

Unit-I Introd	luction to Iconography, Origin and development of Iconography in India
a. Sign	ificance of iconographic studies, sources
b. Con	cept and symbolism of icon and image worship
c. Icon	ometry
d. Text	and image: Brief review of Ancient Indian Shilpa Texts and their role
Inc	levelopment of iconography
Unit-II	Hindu Iconography
	God: Vishnu, (Dashaavtaras) Mahesh (Shiva) Brahma, Ganesh,
	Kartikeya, Surya, Ashtadikpal.
Unit-III	Goddesses: Soumya pratima- Laxmi, Parvati, Saraswati, Saptamatruka.
	Roudra pratima- Duraga, Mahishasurmardini, Chamunda, Bhairavi
Unit-IV	Buddhist Iconography:
	Buddha, Bodhisatva, Tara, Hariti, Mahamayuri, Pradnyaparamita,
Unit-V	Jain Iconography:
	24 Tirthankaras , Ayagapatta, Jaina Yakshas and Yakshinis, Ambika,
	Chakreshvari, Padmavati, Saraswati, Kubera
Unit-VI	Other sculptures:
	Yakshas, Yakshi, Kinnaras, Vyal, Gandharva, Vidhyadhar, Kirthimukha,
	Sursundari, Hero stones and Sati stones

Note:- 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

- 1. Agrawala, P.K.1994. Studies in Indian Iconography. Jaipur: Publication Scheme.
- 2. Agrawala, Urmila. 1995. North Indian Temple Sculpture. New Delhi: Munshiram Manoharlal.
- 3. Bhattacharya, B. 1958. Indian Buddhist Iconography. Calcutta: K.L.Mukhopadhyaya.
- 4. Bhattacharya, D. 1980. Iconology of Composite Images. New Delhi: Munshiram Manoharlal Publications.
- 5. Deglurkar, G.B. 2004. Portrayal of the Women in the Art and Literature of the Ancient Deccan. Jaipur: Publications Scheme.
- 6. Deglurkar, G.B. 2007. Vishnumurti Namastubhyam. Sri Dwarkadhish Charities, Karnala, Raigad
- 7. Deglurkar, G.B. 2005. Sursundari. Pune: Bhartiya Vidhya Bhavan (in Marathi).
- Gupte R.S. Iconography of Hindu Buddhist & Jain Taraporewala & Sons, Bombay 1971.
- 9. Joshi N.P. 1966. Mathura Sculptures. Mathura: Archaeological Museum.
- 10. Joshi, N.P.1979. Bhartiya Murtishastra. Nagpur: Maharashtra Grantha Nirmiti Mandal.
- 11. Patil Maya– Purattatva: Ek Paryalochan(Marathi), Suvidya Prakashan, Solapur, 2011
- 12. Patil Maya Mandir-Shilpe Marathwadyatil Kahi Shilp ani Mandirsthapatya, Granthali Prakashan, Mumbai,2014
- 13. Rao Gopinath T.A. Elements of Hindu Iconography Varanasi, 1985.
- 14. Sivrammurti, C.1961. Indian Sculpture. New Delhi: Allied Publishers Pvt. Ltd.
- 15. Sivaramamurty, C. 1963. South Indian Bronzes. New Delhi: Lalit Kala Academy.
- 16. Soundara Rajan, K. V.1982. India's Religious Art. New Delhi: Cosmo Publication
- 17. Sahay Bhagwat-Prachin Bhartiya Murtishastra Nagpur, 1975.
- 18. Upadhyaya, Vasudev 1970. Prachin Bharatiya Murti Vijnana (Hindi). Varanasi: Chowkhamba Sanskrit Series.
- 19. Vyas, R.T. 1995. Studies in Jaina Art and Iconography and allied Subjects in Honour of U.P.Shah. Vadodara: Oriental Institute.

DSC-IV Practical

Marks: 50

Marks: 100 (80+20)

DSE-I Introduction to Museology

Unit I- Museum & Museology

- a. Definition, Aims, Scope
 - b. History of Museology in India
 - c. Importance of Museum.
 - d. Types of Museum & their classification

Unit II- Methods of Acquisition objects for Museums.

- a. Ethics of Collection
- b. Identification, Documentation, indexing, data processing, computerization, insurance of Museum objects.
- c. Legislation Concerning Museums
 - i) The Indian Treasure-Trove Act1878
 - ii) The Ancient Monuments & Archaeological Sites & Remains Act 1958
 - iii) Antiquity & Art Treasure Act 1972

Unit III- Methods of Conservation & Preservation of Museum objects.

- a. Types of Museum Material
- b. Conservation of Organic Material-Manuscripts, wood, Paper, Ivory & bone objects.
- c. Conservation of Inorganic Material-Stone, Terracotta, Glass & Metal
- d. Conservation of Biological material-Plants & Animals

Unit IV- Museum Administration, Museum Architecture & Exhibition.

- a. Governing body for Museum
- b. Museum staff, supervision & security
- c. Museum Finance, Visitors facilities
- d. Museum Architecture & Exhibition
- e. Museum building, public & service area
- f. Display Techniques & Types of Exhibition

Unit V- Study of selected Museums, History, Collection etc.

- a. National Museum, New Delhi b. Indian Museum, Kolkata
- c. Chhatrapati Shivaji Maharaj Vastu Sangrahalaya(Former Prince of Wales Museum) Mumbai
- d. Salarjung Museum, Hyderbad
- e. Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal (IGRMS)

Note: 80 Marks for theory paper & 20 Marks on Class room Seminars/ StudyTour/ Tutorials/ Field Work/ Project.

- 1. Agrawal O.P. 1977. Care and Preservation of Museum Objects, New Delhi: National Research Laboratory for Conservation of Cultural Property.
- 2. Aiyappan A. & S.T.Satyamurti 1960. Handbook of Museum Technique, Madras: Sup. Govt. Press.
- 3. Basu M.N. 1943. Museum Method & Process of Cleaning & Preservation, Culcutta: University of Culcutta.
- 4. Baxi Smita J. and V. Dwivedi 1973. Modern Museum Organization and Practice in India, New Delhi: Abhinav Publication.
- 5. Bedekar V.H. (Ed.) 1988. New Museology and Indian Museum: Report based on proceedings of All India Seminar held at Gauhati, Assam.
- 6. Bhatnagar A. 1999. Museum, Museology and New Museology, New Delhi: Sandeep Prakashan.
- 7. Biswas T.K. 1996. Museum and Education, New Delhi: New Age International.
- 8. Chaudhari A.R. 1963. Art museum documentation & Practical handling, Hyderabad: Chaudhary & Chaudhary.
- 9. Shobita Punja : Museums of India, Gluide Book Company Ltd; Hongkong.
- 10. National Museum: A Brief Gluid to the National Museum National Museum, New Delhi.
- 11. Gupta S.D. Krishna Lal:- Tourism, Museum and Monuments in India, Orient Publishers, Delhi.
- 12. Bedekar V.H. :- So you want Good Museum Exhibitons, Dept. of Museology. M.S. University, Baroda.
- 13. Deo.S.B. :- Museum and Protection of Monuments and Antiquities in India, Sundeep Prakashan, New Delhi-1981.
- 14. Bakshi,Smitaj and Vinod P.Dwivedi:- Modern Museum organization and practice in India, Abhinav Publications, New Delhi.

Marks: 100 (80+20)

RM- Research Methodology in A.I.H.C. & Archaeology

Unit-I: Philosophical Roots and Significance of Social Research:

Meaning and History of Social Science Research; Hermeneutics, and interpretative Traditions. Importance of Research temperament and qualities of a good researcher.

Unit-II: Research Process and Design:

Finding and Formulating Research Topic; Use of Concepts, Setting Research Objectives/ Question, Reviewing Relevant Literature. Research Design: Meaning and Types of Research Designs; Descriptive, Analytical, Explorative, Basic and Applied Research Designs.

Unit-III: Post Processual School of Theories

- A) Orientals, Nationalist theory
- B) Marxist theory
- C) Feminists archaeology
- E) Subaltern Theory

Unit-IV: Data Collection:

A) Collecting Primary Data:
Survey Method, Observation Method, Excavation Method, Historical Document, Archival Material, Questionnaires, and Interview schedules, Case studies.
B) Secondary Data :
Published sources, Journals, Internet Sources

Unit V: Processing & Report Writing:

A) Data Processing:

Comparative Study, Contextual Study, Bias & Prejudice, Objectivities in writing reports.

B) Types of Report Writing:

- C) Use of Map, Satellite images, Photos, Statistics
- D) Reference and Food Notes Writing
- E) Abstract & Summary Writing
- F) Preparing Bibliography, Appendix & Abbreviation Chart

Note: 80 Marks for theory paper & 20 Marks on Class room Seminars/Study Tour/ Tutorials/ Field Work/ Project.

Recommended Books:

1. Bleicher M. 1988. The Hermeneutic Inagination, London. Routledege and Kegan Paul (Introduction only)

- 2. Bose.Pradip Kumar,1995: Research Methodology, New Delhi, ICSR.
- 3. Bryman, Alan, 1988, Quality and Quantity in Social Research, London: Unwin Hyman.
- 4. Goode, J. and Hatt P.J., Methods in Social Research. New York, McGraw Hill.
- 5. Mukherjce, P.N.(eds), 2000, Methodology in Social Research. Dilemmas andperspectives, New Delhi, Sage (Introduction).
- 6. Puch, Keith, 1986, The Introduction to Social Research, London, Sage.
- 7. Srinivas, M.N. And A.M.Shaha 1979, Field Worker and the Filed, New Delhi. Oxford.
- 8. Young Papuline V. 1946. Scientific, Social Survey and Research.New York. Prentice Hall
- 9. Joglekar, P.P. 2014. Research methodology for Archaeology ,Student Pune Gayatri Sahmilya.
- 10. Hodder, I. 1992. Theory and Practice in Archaeology. London Routledge.
- 11. Hodder, I. 1995. Interpreting Archaeology Finding Meaning in the Past. New York Routledge.
- 12. Johnson, M. 1999. Archaeological Theory an Introduction. Malden (Ma) Blackwell Publishers.
- 13. Jones, Andrew 2004. Archaeological Theory and Scientific Practice. Cambridge Cambridge Press.
- 14. Kelley, J.H. and M.P. Hanen 1990. Archaeology and the Methodology of Science. Albuquerque, University of New Mexico Press.

Marks: 100 (80+20)

SEMESTER -II

DSC-V Political History of Ancient India up to (650 CE)

Unit- 1: Sources and Historiography of Ancient India

i)Geographyii)Historiographyiii) Sources of Ancient Indian History

Unit 2: Early of political institutions in ancient India

- i. Janapadas, Republic (Ganrajya), Mahajanapadas in ancient India
- ii. Rise of Magadha Empire
- iii. Persian and Greek Invasions: Causes and Impacts

Unit 3: Mauryan and Post-Mauryan India

i. Chandragupta Maurya and Bindusara
ii. Ashoka, his successors and decline of the Mauryas
iii. Mauryan Administration
iv. Shunga, Kanva, Indo-Greek, Indo-Scythian and Indo-Parthian dynasties

Unit 4: Kushan- and Satvahan period

i) Origin and early history kushan, Kanishka and his successor
ii) Kshatrap and Kushan relation
iii)Satavahana ,Origin, Chronology and Genealogy
iv)Political history and expansion
v) Contribution to history of Deccan

Unit 5: Gupta Period

i. Early history, genealogy and the region of Chandragupta-Iii. Samudragupta, Ramgupta, Chandragupta-IIiii. Successors of Chandragupta-II, Hun invasion and decline of the Gupta Empireiv) Vakatakas

Note:- 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

- Deglurkar G.B. Prachin Bharat- Itihas Ani Sanskruti, Aparant Prakashan, Pune (Marathi), 2015
- 2. Agarwal D.P.-The Archaeology of India, Delhi, Select Books Services syndicate. 1984
- 3. Agrawal V.S.- Indian Art, Vol. Iv Waranasi, Prithvi Prakashan, 1972.
- 4. Basham A.L.-The Wonder that was India, Mumbai, Rupa 1971.
- Bhattacharya N.N.- Ancient Indian Rituals and their Social Contents,2nd edn. Delhi, Manohar, 1996.
- 6. Chakrabarti D.K.- The Archaeology of Ancient Indian Cities, Delhi, OUP, 1997.
- Champakalakshmi R.- Trade, Ideology and Urbanisation:South India 200 BCAD 1300, Delhi,OUP, 1996.
- 8. Chanana, Dev Raj, Slavery in Ancient India, Delhi, PPH, 1960.
- 9. Chattopadhyaya B.D.- A survey of Historical Geography of Ancient India,
- 10. Gupta P.L. Coins, 4th Edn, Delhi 1996.
- 11. Harle J.C.-The Art and Architecture of Indian Subcontinent, Harmondsworth, Penguin, 1987.
- 12. Hiriyama M- Essentials of Indian Philosophy, Delhi, Motilal Banarsidass, 1995.
- 13. Huntington S. and John C. Huntington, The Art of India: Buddhist, Hindu, Jain,New Yourk, Weatherhill, 1985.
- Jha D.N.(ed), Feudal Sociali Formation in Early India, Delhi, Motilal Banarsidass, 1995.
- 15. Kosambi D.D.-An Introduction to the Study of Indian History, Mumbai,Popular Prakashan,1975.
- 16. Ludden David, Peasant Society in South India, Princeton, 1995.
- 17. Majumdar R.C. et. Al(eds), History and Culture of the Indian People, Vols.I II and III, Mumbai, 1974.
- Nandi R.N. Social Roots of Religion in Ancient India, Kolkata, K.B. Bagchi, 1986.

Marks : 100 (80+20)

DSC-VI Protohistory of South Asia

Unit I- Definitions, Aims, Scope of Protohistory

- **Unit II** a) Origins of Agriculture
 - b) Causes of Consequences
 - c) Transition from hunting/gathering to food production

Unit III Neolithic Culture

- a) Neolithic culture of Afghanistan & Baluchistan with special reference to Mergarh & Mundigak
- b) Neolithic Culture from North India, Kashmir Valley, Mid Ganga Basin-Lahuradeva, Jhusi etc.
- c) Neolithic Culture from South India.

Unit IV Pre/Early Harappan Cultures

- a) Development of Chalcolithic culture at Mehrgarh
- b) Early Harappan- Kulli, Nal, Amri, Kotdiji, Hakra

Unit V Harappan Culture

- a) Origin & Development of the Harappan Civilization
- b) Town Planning & Architecture
- c) Art, technology, Trade & Economy
- d) Harappan Script
- e) Socio-Political & Religious Organization
- f) Decline: various theories, caused & consequences
- g) Late Harappan phase
- h) New discoveries of Harappan Culture

Unit VI Regional Chalcolithic Traditions

Ahar, Kayatha, Malwa, Jorwe, OCP and Copper Hoards

Unit VII Iron Age

- a) Origins of Iron Age in South Asia
- b) Megalithic Culture in South India
- c) P.G.W. & N.B.P.W Cultures

Note:- 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study

Tour/ Tutorials/ Field Work/ Project.

- Agrawal D.P. 1983. Archaeology of India, Copenhagen: Scandivian Institute of Asian studies
- 2. Agrawal, D.P. 2000. Ancient Metal Technology and Archaeology of South Asia (A Pan Asian Perspective), Aryan Books International, New Delhi
- 3. Agrawal D.P. 2007. Indus Civilization: An Interdisciplinary Perspective, New Delhi, Aryan Books International, New Delhi.
- 4. Agrawal D.P. and J.S. Kharakwal, Bronze and Iron ages in South Asia, New Delhi, Aryan Books International, New Delhi, 2003.
- 5. Agrawal D.P. and D.K. Chajravary (eds) 1979. Essays in Indian Protohistory New Delhi: D.K. Publishers.
- 6. Dhavalikar, M.K. 1990. First Farmers of the Deccan, Pune: Ravish Publishers.
- 7. Ghosh, A. 1973. The City in Early Historical India. Simla: Indian Institute for Advanced Studies.
- Ghosh, A. 1990. Encyclopaedia of Indian Archaeology (two volumes). New Delhi: Munshiram Manoharlal Publication.
- 9. Dhavalikar M.K. India Protohistory.
- 10. Dhavalikar M.K. Sindhu Sanskruti (Marathi)
- 11. Jain V.K. Pre & Protohidtory of India,
- 12. Moorti U.S. Megalithic Cultures of south India: Socio Economic Perspective, Varanasi: Ganga-Kaveri.
- 13. Sankalia H.D. 1974. Prehistory and Proto history of India and Pakistan Pune:

Deccan College.

- 14. Singh Purushottam. 1991. Neolithic Origins.New Delhi: Agam Kala Prakashan.
- 15. Shinde, Vasant. 1989. New Light on the Origin, Settlement System and Decline of the Jorwe Culture of the Deccan, India South Asian Studies 5:60 72
- Shinde, Vasant. 1990. Settlement pattern of the Savalda culture The first farming community of Maharashtra. Bulletin of Deccan College Research Institute, vols. 49 50 (Sankalia Memorial Volume) 49: 417 426
- Shinde, Vasant. 1991. Craft specialization and social organization in the Chalcolithic Deccan, India, Antiquity 65(249): 796 807.20 Shinde, Vasant. 1994. The Deccan Chalcolithic:A Recent Perspective, Man and Environment, XIX (1-2): 169 178.

Marks : 100 (80+20)

DSC-VII Methods in Archaeology

Marks: 80

Unit-I	Methods of Archaeological Exploration	
	Nature, Equipments a	nd Record, Ariel Photography.
Unit-II	Archaeological Excavation Techniques and Methods	
	a) Trial trenches	b) Vertical method
	c) Horizontal method	d) Quadrant method
	e) Open stripping	f) Stratigraphical method
Unit-III	Dating Methods in A	rchaeology
	a) Relative Dating Me	ethods
	b) Absolute Dating M	ethods
Unit-IV	Conservation and Pr	reservation Techniques
	a) Structural Conserva	ation of Monuments
	b) Preservation of ant	iquities- Bones, Shell, Ivory, Wood, Metal,
	Textiles, Glass, Potter	ry, Terracotta, Paper
Unit-V	Publication and Doc	umentation
	a) Computer application	on for data analysis,
	b) Report writing: Use	e of ICT, Internet, Website, Recording of
	evidences,	

Note:- 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

- 1. Aitken, M.J. 1990. Science based Dating in Archaeology. London: Longmans.
- 2. Atkinson, R.J.C. 1953. Field Archaeology. London: Methuen and Co.
- 3. Barker, P. 1982. Techniques of Archaeological Excavation. London: Batsford.
- 4. Binford, L.R. 1964. A Consideration of Hypothetical Research Design, American Antiquity 29:425 441.
- 5. Crawford, O.G.S. 1953. Archaeology in the Field. London: Phoenix.
- 6. Dancey, W.S. 1985. Archaeological Field Methods: An Introduction. New Delhi: Surjeet Publications.
- Deo S.B 1976 & 2008.- Puratattva Vidya, Maharashtrarajya Granthnirmati Mandal & Continental Prakashan, Pune
- 9. Pande Jaynarayan Puratattva Vimarsha
- Plenderlith H.J. 1965 Conservations of Antiquities and works of Art London, Oxford University Press.
- 11. Raman K.V. Principles and Methods in Archaeology
- 12. Rajan K.- Archaeological Principles and Methods.
- 13. Tite, M.S. 1972. Methods of Physical Examination in Archaeology. London: Seminar.
- 14. Wheeler, R.E.M. 1954. Archaeology from the Earth. Harmondsworth: Penguin Books.

DSC-VIII Practical

Marks: 50

Marks: 100 (80+20)

DSE-V HERITAGE TOURISM & MANAGEMENT

Unit-I Tourism

- a. Purpose and Scope
- b. Place of Tourism in modern life
- c. New trends in Tourism
- d. Historical development of tourism

Unit-II Heritage

- a. Definition, types of Cultural & Religious Heritage
- b. Oral & Living traditions
- c. Literary sources: Vedic & Archaeological
- d. UNESCO World Heritage Monuments

Unit-III Tourist Industry

- a. Working of Tourism agencies
- b. Qualification. Qualities and contribution of good tourist guide.
- c. Tourism Department: Central and States.

Unit-III Management of Tourism

- a. Present state of Indian Tourism
- b. New thrust areas
- c. Concept & function of Management- nature & significance of management, Managerial roles, responsibility, processes in organization.

Unit-V Tourism Marketing & Management

a. Tourism –oriented products, resident-oriented products & background tourism elements. Different types of tourism products e.g. natural attractions, beach, hill resorts, wildlife sanctuaries & national parks, waterfalls & islands; cultural attractions, monuments, architecture, arts & handicrafts, music & dance forms, festivals. b. Marketing tourism- difference between tourism marketing & products & services, uniqueness of tourism marketing. Market surveys, research forecasting etc.

c. Introduction to tourism promotion and Method; Advertising, travel brochure, films, sale promotions.

d. Managing the marketing mix in heritage tourism-locating, pricing, role & use of specific intermeadians, selling tours.

Unit-VI Tourist Places in Maharashtra & India

Tourist Places in Maharashtra (Caves & Forts)

a)Bhaje caves b) Karle caves c) Ajanta caves d) Ellora caves e) Elephanta caves f)Dharashiv caves g) Raigad caves h) Murud Janjira Fort i) Sinhagad Fort j) Panhala Fortk) Shivneri Fort l) Bhuikot Fort Solapur.

Tourist Places in India:

- a. Durga Temple Complex Aihole (Karnataka)
- b. Brihadishwar Temple-Tanjore(TamilNadu)
- c. Sun Temple Konark & Jagannath Temple, Puri (Odisha),
- d. Kandariya Mahadeo Temple-Khajuraho(M.P.)
- e. Harihareshwar & Sangmeshwar Temple Hattarsang Kudal, Solapur(Maharashtra)
- f. Trivikram Temple, Ter Dist. Osmanabad (Maharashtra)

Unit-VI Visit to a Tourist Place is Compulsory and Students have to submit the tour reports in examination.

Note: - 80 Marks for theory paper & 20 Marks on Class room Seminars/ Study Tour/ Tutorials/ Field Work/ Project.

Suggested Readings:			
1. Mate M.S.	Prachin Bhartiya Kala (Marathi) Continental Prakashan		
Pune.			
2. Kulkarni M.Y.	Prachin Bhartiya Kalavaibhav (Marathi) Sanskar Bharti,		
	Pune.		
3. Joshi Mahadevshastried	d Bhartiya Sanskariti Kosh (Marathi), Bhartiya Sanskariti		
	Kosh Mandal, Pune.		
4. Gupta S.P.	Tourism Museums and Monuments of India. Oriental		
	Krishna Lal Publishers, Pune.		
5. Bhatiya A.K	Tourism in India-History and Development, Sterling		
	Publication Pvt.Ltd. New Delhi.		
6.Bhatiya A.K.	Tourism Developments, Principals and Practices, Sterling		
	Publication, Pvt. Ltd. New Delhi.		
7. Rowland Benjamin	TheArt and Architecture of India(Buddhist, Hindu, Jain)		
	Penguin		
	Books Ltd. London.		
8. Percy Brown	Indian Architecture (Buddhist and Hindu Period) Part-I,		
	D.B. Taraporwal Sons and Co. Mumbai.		
9. Archeological Remains	Monuments and Muscums (Two Parts) Archeological		
	Survey of India, Delhi.		
10. Krishna K. Kamra &	Basics of Tourism, Kanishka Publishers, Distributors, Moti		
	Chand, Publication, New Delhi.		
11. James W. Morrison	Travel Agent and Tourism.		
12. Krishna Deva	Temples of North India.		
13. Patil Maya	Puratatva: Ek Paryalochan (Suvidya Prakashn, Solapur)		
14. Patil Maya	Marathwadaytil Kahi Mandire Shilpe (in Marathi) Granthali Prakashan, Mumbai.		