

**SYLLABUS  
FOR MASTER OF ARTS IN ARCHAEOLOGY**

**July 2019**



**Department of Archaeology  
Centre of Central Asian Studies  
University of Kashmir  
Srinagar**

	Course Code	Course Title	Paper Category	Credits
<b>First Semester</b>	ARC17101CR	Introduction to Archaeology	Core	4
	ARC17102CR	World Archaeology: An Overview	Core	4
	ARC17103CR	Prehistory of South Asia	Core	4
	ARC17104DCE	Prehistoric Archaeology of Kashmir	Discipline Centric Elective	4
	ARC17105DCE	Term End Practical Explorations/Material culture/Landscape/Site/Settlement	Discipline Centric Elective	4
	ARC17106GE	Archaeology – an Introduction	Generic Elective	2
	<b>Second Semester</b>	ARC17201CR	Field Archaeology (Theory)	Core
ARC17202CR		Field Archaeology (Practical)	Core	4
ARC17203CR		Proto-history of South Asia	Core	4
ARC17204CR		Archaeological Sources	Core	4
ARC17205DCE		Science in Archaeology	Discipline Centric Elective	4
ARC17206DCE		Archaeology of Kashmir (Ancient to Medieval)	Discipline Centric Elective	4
ARC17207GE		Science and Archaeology	Generic Elective	2
<b>Third semester</b>	ARC17301CR	Art, Architecture and Iconography	Core	4
	ARC17302CR	Epigraphy and Numismatics	Core	4
	ARC17303CR	Art and Architecture of Jammu And Kashmir	Core	4
	ARC17304CR	Research Methodology	Core	4
	ARC17305DCE	Museum Management	Discipline Centric Elective	4
	ARC17306DCE	Ancient Indian History-I OR	Discipline Centric Elective	4
	ARC17307DCE	Environmental Archaeology		
ARC17308GE	Archaeological Sites of Kashmir	Generic Elective	2	
<b>Fourth Semester</b>	ARC17401CR	Dissertation	Core	12
	ARC17402DCE	Conservation of Cultural Property OR	Discipline Centric Elective	4
	ARC17403DCE	Cultural Heritage Management		
	ARC17404DCE	Ancient Indian History-II OR	Discipline Centric Elective	4
	ARC17405DCE	Ethno-archaeology		
	ARC17406GE	Terracotta Art	Generic Elective	2

## SEMESTER- I

### **Introduction to Archaeology**

Course code: ARC17101CR

#### **Unit – 1 - Definition, Aims and Scope of Archaeology**

- a. Definition and scope of archaeology; use and misuse of Archaeology
- b. Archaeological Methods
- c. Key Archaeological Findings and their significance
- d. Overlap and Distinction between Archaeology, History and Anthropology,
- e. Role of Social and Natural Sciences in Archaeology
- e. Branches of Archaeology: Prehistoric to Medieval Archaeology

#### **Unit 2 Development of Archaeology**

- a. In Europe and America
- b. In India

#### **Unit3 Nature of the archaeological record**

- a. Definition of archaeological sites
- b. Exploration and excavation
- c. Artefacts and ecofacts

#### **Unit 4. Cultural sequence and dating the past**

- a. Prehistory, Protohistory and History
- b. Introduction to relative dating methods
- c. Introduction to absolute dating methods

### **Recommended Readings:**

- Bell, J. 1994. *Reconstructing Prehistory: Scientific Method in Archaeology*, Philadelphia: Temple University.
- Binford, L.R. 1983. *In Pursuit of the Past: Decoding the Archaeological Record*. London: Thames and Hudson.
- Binford, L. R. 1973. *An Archaeological Perspective*. New York: Seminar Press.
- Binford, L.R. 1983. *Working at Archaeology*. New York: Academic Press.
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- Childe, V.G. 1956. *Piecing Together the Past: The Interpretation of Archaeological Data*. London: Routledge and Kegan Paul.
- Clark, J.G.D. 1939. *Archaeology and Society*. London: Methuen.
- Clarke, J.G.D. 1982. *The Identity of Man*. London : Methuen.
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- Dunnell, R.C. 1971. *Systematics in Prehistory*. New York: Free Press.
- Embree, Lester 1987. "Archaeology: the Most Basic Science of All" *Antiquity* 61:75-78.
- Fagan, B. 1988. *In the Beginning: An Introduction to Archaeology*. Glenview (Illinois): Scott, Foresman and Company.
- Hayden, Brian 1993. *Archaeology: The Science of Once and Future Things*. New York: W.H. Freeman and Company.
- Hodder, I. 1986. *Reading the Past: Current Approaches to Interpretation in Archaeology*. 2nd ed. Cambridge: Cambridge University Press.
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- Hole, F. and R. F. Heizer 1973. *Introduction to Prehistoric Archaeology*. New York: Holt, Reinhart and Winston.
- Knudson, S.J. 1978. *Culture in Retrospect*. Chicago: Rand McNally.

Kuznar, L.A. 1997. *Reclaiming Scientific Anthropology*. Walnut Creek, California: Altamira Press.

Paddayya, K. 1979. "Palaeoethnography *vis-avis* the Stone Age Cultures of India: Some Methodological considerations." *Bulletin of the Deccan College Post-Graduate & Research Institute* 38:63-90.

Renfrew, C. and P. Bahn 1991. *Archaeology: Theories and Methods and Practice*. London: Thames and Hudson.

Spaulding, A.C. 1960. "The Dimensions of Archaeology" in N. Hammond (ed.) *Readings in Archaeology and Physical Anthropology*.

Trigger, Bruce. 1989. *A History of Archaeological Thought*. Cambridge: Cambridge University Press.

## SEMESTER- I

### World Archaeology: An Overview

Course code: ARC17102CR

#### **Unit – 1 – Climate, Human Evolution and Distribution**

- a. Global Climate history during the quaternary period: an introduction
- b. Human antiquity and fossil records
- c. Geographical distribution of human fossil record
- d. Contributions of Olduvai Gorge.

#### **Unit – 2 – World Palaeolithic Cultures**

- a. Lower Palaeolithic Cultures in Africa, Europe and Asia
- b. Middle Palaeolithic Cultures in Africa, Europe and Asia
- c. Upper Palaeolithic Cultures in Africa, Europe and Asia

#### **Unit – 3 – Prehistoric Art and Mesolithic Culture**

- a. Geographical distribution of Prehistoric Art
- b. Art Manifestations
- c. Mesolithic Culture, Environment, ecology and distribution

#### **Unit – 4 – Neolithic culture and early farming**

- a. Emergence of farming and development of Neolithic culture in West and East Asia
- b. Early domestication in other parts of the world; China, Europe, Africa, North and Meso-American centres.

## Recommended Reading:

- Butzer, K. W and G.L. Isaac (Eds.), 1975. *After the Australopithecine*, The Hague
- Clark, J. G. D, 1977. *World Prehistory: New Perspective*, Cambridge
- Daniel, G. J. *Hundred years of Archaeology*
- Isaac, G. L, 1971. The Diet of Early Man. *World Archaeology*, 2:278 -229
- Klein, R. G, 1999. *The Human Career, Human Biological and Cultural Origins*, The University of Chicago Press, Chicago
- Lee, R. B. and DeVore, I (Eds.), 1968. *Man the Hunter* Chicago: Aldine.
- Leori-Gourhan, A. 1982. *The Dawn Of European Art: An Introduction to Palaeolithic Cave Painting*, Cambridge , Cambridge University Press.
- Lewis Barry, Robert Jurmain and Lynn Kilgore, 2010. *Understanding physical Anthropology and Archaeology*, Wadsworth Cengage Learning.
- Paddayya, K, 1990. *New Archaeology and Aftermath*. Ravish publishers, Pune.
- Paddayya, K , 1994. C. J. Thomsen and the Three Age System, *Man and Environment* VIII (2): 129-140.
- Petrecia Philip, *Prehistoric Europe*
- Philipson , D.W, 1988. *African Archaeology* , Cambridge University Press, Cambridge
- Price Douglas T. & Gary M. Feinman, 2008. *Images of the Past*. McGraw Hill, Boston
- Prucel, R. W., 1991. *Processual and Post-Processual Archaeologies Multiple Ways of Knowing the Past*, CAI, Southern Illinois University at Carbondale Occasional Paper No.10
- Roe, Derek, The Palaeolithic. In Peter Hammond (Ed.) *Physical Anthropology and Archaeology*
- Scarre Chris (ed.), 2005. *The Human Past: World Prehistory and the Development of Human Societies*, Thames and Hudson Ltd. London
- Smith, Fumiko Ikava . *Early Palaeolithic in South East Asia*.
- Trigger, B.G 1989. *A History of Archaeological Thought*
- Wenke, R. J, 1987. *Patterns in Prehistory*
- Wu Rukang and Olsen, J.W. (eds.), 1985. *Palaeoanthropology and Palaeolithic Archaeology in Peoples Republic of China*. Orlando.Fl. Academic Press

## SEMESTER- I

### **Prehistory of South Asia**

Course code: ARC17103CR

#### **Unit – 1 – Prehistory: An Introduction**

- a. Prehistory; Subject matter; Scope and Aims
- b. Introduction to prehistoric cultural sequences
- c. The Quaternary period: nature and timing of climatic changes, major subdivisions

#### **Unit – 2 – Prehistoric Cultures**

- a. Lower Palaeolithic
- b. Middle Palaeolithic
- c. Upper Palaeolithic
- d. Mesolithic Culture

#### **Unit – 3 – Rock Art**

- a. Geographic distribution; Art manifestations; Important sites.

#### **Unit – 4 – Origins of farming and Neolithic Culture**

- a. Neolithic Revolution: debate. Causes and consequences of farming.
- b. Origins of agriculture and domestication of animals
- c. Northern Neolithic cultures of (Afghanistan, Pakistan, India)
- d. Neolithic cultures of Central India
- e. Southern Neolithic Culture



## Recommended Readings:

- Allchin, B. and Allchin R. 1993a [1968]. *The Birth of Indian Civilization: India and Pakistan before 500 BC*, New Delhi, Penguin Books.
- Allchin, B. and Allchin R. 1993b [1982]. *The Rise of Civilization in India and Pakistan*, Cambridge University Press, London.
- Allchin, B. and Allchin R. 1997. *Origins of a Civilization*, Penguin books India, New Delhi.
- Agrawal, D.P. 1981. Multidisciplinary Quaternary Investigations in Kashmir, *Australian Archaeology*, vol. 12, 103-105.
- Agrawal, D.P., Dodia, R., Kotlia, B.S., Razdan, H., and Sahni, A. 1989. The Plio-Pleistocene geologic and climatic record of the Kashmir valley, India: A review and new data, *Palaeogeography, Palaeoclimatology, Palaeoecology*, vol. 4 (3-4), 267-286.
- Agrawal, D.P. 1992. *Man and Environment in India Through Ages*. New Delhi: Books and Books.
- Agrawal, D.P. and J.Kharakwal. 2002. *South Asian Prehistory*. New Delhi: Aryan Books.
- Allchin, B. and F.R. Allchin 1982. *Rise of Civilizations in India and Pakistan*. Cambridge: Cambridge University Press.
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- Bordes, F. 1968. *The Old Stone Age*. London : Weidenld and Nicolson.
- Chakravarty, K.K. (ed.) 1984. *Rock art of India*. New Delhi : Arnold-Heinemann.
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- Deraniyagala, S. 1992. *Prehistory of Sri Lanka: an Ecological Perspective*. Colombo: Archaeological Survey of Sri Lanka.
- Debenath, A. and H. Dibble. 1994. *Handbook of Palaeolithic Typology*. Philadelphia:University of Pennsylvania.
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- Gaillard, Claire and Sheila Mishra. 2002. The Lower Palaeolithic in South Asia, in F. Semah, C. Falgueries, D. Grimaur-Herve and A.M. Semah (Eds.) *Origins of Settlement and Chronology of the Palaeolithic Cultures in Southeast Asia*, pp.73-92.
- Gamble, C. 1993. *Timewalkers: The Prehistory of Global Colonization*. Stroud: Alan Sutton.
- Ghosh, A. 1990. *Encyclopaedia of Indian Archaeology* (2 vols.) New Delhi: Munshiram Manoharlal.

- Goudie, A. 1977. *Environmental Change*. Oxford: Clarendon Press.
- Inizan, M.L., H.Roche and J. Tixier. 1992. *Technology of Knapped Stone*. Meudon: CREP.
- Mathpal, Y. 1984. *Prehistoric Rock Paintings of Bhimbetka, Central India*. New Delhi: Abhinav.
- Mishra, S. 1992. "The Age of the Acheulian in India." *Current Anthropology* 33:325-328.
- Misra, V.N. and Peter Bellwood (eds.) 1988. *Recent Advances in Indo-Pacific Prehistory*. New Delhi: Oxford and India Book House.
- Misra, V.N. 1990. "Stone Age India: An Ecological Perspective." *Man and Environment* 15 (1): 17-64.
- Misra, V.N. 1987. "Middle Pleistocene Adaptions in India." in Soffer O. (ed.) *The Pleistocene Old World: regional Perspectives*. pp 99-120 Plenum Press: New York
- Murty, M. L.K. 1979. "Recent Research on the Upper Palaeolithic Phase in India." *Journal of Field Archaeology* 6:303-20.
- Neumayer, Erwin. 1993. *Lines on Stone: The Prehistoric Rock Art of India*. New Delhi : Manohar
- Paddayya, K. 1982. *Acheulian Culture of Hunsgi Valley, (Pennisular India): A Settlement System Approach*. Deccan College: Pune.
- Paddayya, K. 1984. " Stone Age India" in *Neue Forschungen zur Altsteinzeit*. (ed) H. Muller-Karpe. Munich: C. H. Beck Verlag. Paddayya,K. 2001. The Acheulian Culture Project of the Hunsgi and Baichbal Valleys, Peninsular India, in Lawrence Barnham and Kate Robson-Brown (ed.) *Human Roots: Africa and Asia in the Middle Pleistocene*, pp.235-258. Bristol: Western Academic and Specialist Press.
- Paddayya, K. (ed.). 2002. *Recent Studies in Indian Archaeology*. New Delhi: ICHR and Munshiram.
- Pappu, R.S. and S.G. Deo. 1994. *Man-Land Relationship during the Palaeolithic Times in the Kaladgi Basin, Karnataka*. Pune : Deccan College.
- Pappu, R.S. 2000. *The Acheulian Culture of Peninsular India*. New Delhi: D.K. Printworld.
- Petraglia, M.D. and R. Korisettar (ed.). 1998. *Early Human Behavior in Global Context: The Rise and Diversity of the Lower Palaeolithic Record*. London: Routledge.
- Sankalia, H.D. 1974. *Prehistory and Protohistory of India and Pakistan*. Pune : Deccan College.
- Sankalia, H.D. 1974. *Stone Age Tools: Their Names and Probable Functions*. Pune: Deccan College.

Settar, S. and R. Korisettar (ed.). 2002. *Indian Archaeology in Retrospect*, Volume 1. Delhi: ICHR and Manohar.

Sharma, G.R. and J. D. Clark 1983. *Palaeoenvironments and Prehistory in the Middle Son Valley*. Allahabad: Abhinav Prakashan

Shali, S.L. 1993. *Kashmir: History and Archaeology Through the Ages*, New Delhi, OM Publications.

Shali, S.L. 2001. *Settlement Pattern in Relation to Climatic changes in Kashmir*, New Delhi, OM Publications.

Yattoo, M.A., 2013. New Evidence for Upper Palaeolithic Material Culture from North West Kashmir, *Pakistan Heritage*, Volume V, pp. 1-10, Hazara University Mansehra Pakistan.

Sankalia, H.D. 1971. New Evidence for Early Man in Kashmir, *Current Anthropology* 12 (4 / 5), 558-562.

SEMESTER- I

**Prehistoric Archaeology of Kashmir**

Course code: ARC17104DCE

**Unit – 1 – Introduction**

- a. Geo-Chronology
- b. Palaeo-environment
- c. Landscape

**Unit – 2 – Palaeolithic Cultures**

- a. Lower Palaeolithic
- b. Middle Palaeolithic
- c. Upper Palaeolithic

**Unit – 3 – Neolithic Culture**

- a. Geographical Distribution
- b. Important sites
- c. Neolithic Culture: phases and features; continuity and change
- d. Chronology
- e. Megalithic culture

**Unit – 4 – Life ways in Neolithic period**

- a. Social, economic and cultural conditions
- b. Affinities with other cultures and civilizations

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Agrawal, D.P. 1982. *Archaeology of India*. Copenhagen: Scandinavian Institute of Asian Studies.

Agrawal, D.P. 2000. *Ancient Metal Technology and Archaeology of South Asia (A Pan-Asian Perspective)*, Aryan Books International, New Delhi

Agrawal, D.P. and D.K. Chakrabarti (eds.). 1979. *Essays in Indian Protohistory*. New Delhi: D.K Publishers.

Allchin, F.R. and B. Allchin 1993. *The Birth of Civilization in India*. revised ed. New Delhi: Penguin Books.

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Agrawal, D.P. 1992. *Man and environment in India through ages: an interdisciplinary study of the Indian quaternary with focus on north-west*, New Delhi, Books & Books.

Bandey A.A. 1997. Palaeolithic Habitational Site at Manasbal, Kashmir: Recent Archaeological Investigations, *Journal of Central Asian Studies*, University of Kashmir, 8 (1), 12-18.

Bandey A.A. 2003a. Neolithic settlement found at Bomai, Kashmir, India, *Circle of Inner Asian Art*, Issue 18.

Bandey A.A. 2003b. Preliminary Report: Archaeological explorations in Bomai village, Sopore, *Central Asian Digest*, Vol. XXIII, 10-12.

Bandey A.A. 2009. *Prehistoric Kashmir Archaeological History of Palaeolithic & Neolithic Cultures*, New Delhi, Dilpreet Publishing House.

De Terra, H. 1942. The Megaliths of Bursahom, Kashmir, a New Prehistoric Civilization from India, *American Philosophical society* 85 (5), 483-504.

De Terra, H. and Paterson, T.T. 2003 [1939]. *The Ice Age in the Indian Subcontinent and Associated Human Cultures: With Special Reference to Jammu, Kashmir, Ladakh, Sind, Liddar & Central and Peninsular India*, New Delhi, Aryan Books.

Joshi, R.V., Rajguru, S.N., Pappu, R.S., and Bopardiker, B.P. 1974. Quaternary Glaciations and Palaeolithic Sites in the Lidder Valley, J&K, *World Archaeology*, 369-79.

Mani, B.R. 2000. Excavations at Kanisapur: 1998-99 (District Baramulla Kashmir). *Journal of Interdisciplinary Studies in History and Archaeology* 10, 1-21.

Mani, B.R. 2008. Kashmir Neolithic and Early Harappan: A Linkage, *Pragdhara* 18, 229-247.

- Misra, V.N. 2001. Prehistoric Human Colonization of India, *Journal of Biosciences* 26 (4), 491-531.
- Pant, R.K., Gaillard, C., Nautiyal, V., Gaur, G.S., and Shali, S.L. 1982. Some new Lithic and Ceramic Industries from Kashmir, *Man and Environment* vol. VI, 37-40.
- Paddayya, K. 2008. Palaeolithic Cultures. In Deborah, M. Pearsall (ed.), *Encyclopaedia of Archaeology*: 768-791, Elsevier.
- Pande, B.M. 1969. Neolithic Hunting Scene on a Stone Slab from Burzahom, Kashmir, *Asian Perspectives*, XIV 1971, 134-138.
- Pande, B.M. 1970[1969]. The Neolithic in Kashmir - new discoveries, *The Anthropologist*, Vol. XVII, No. 1-2, 25-41.
- Pant, R.K. 1979. Microwear Studies on Burzahom Neolithic Tools, *Man and Environment* vol. 3, 11-17.
- Spate M, Zhang G, Yattoo MA, Betts A, 2017. New evidence for early 4<sup>th</sup> Millennium BP agriculture in the Western Himalayas: Qasim Bagh, Kashmir, *Journal of Archaeological Science: Reports*, 2017 (11), 568-577.
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- Shah, M.A., 2012. Discovery of Rock Art in Northern Kashmir, A Preliminary Investigation, in *Proceedings of The National Seminar on River Valley Civilization of Chatisgarh and New Researches in Indian Archaeology*, 329-336.
- Shali, S.L. 1993. *Kashmir: History and Archaeology Through the Ages*, New Delhi, OM Publications.
- Shali, S.L. 2001. *Settlement Pattern in Relation to Climatic changes in Kashmir*, New Delhi, OM Publications.
- Sankalia, H.D. 1971. New Evidence for Early Man in Kashmir, *Current Anthropology* 12 (4 / 5), 558-562.
- Sankalia, H.D. 1974. *Prehistory and Protohistory of India and Pakistan*, Poona, Deccan College post graduate and research institute.
- Saar, S.S. 1992. *Archaeology: Ancestors of Kashmir*, New Delhi, Lalit Art Publishers.
- Kaw, R.N. 1979. The Neolithic culture of Kashmir. In D.P. Agrawal and D.K. Chakrabarti (eds.) *Essays in Indian*
- Yattoo, M.A., 2012. *Characterising material culture to determine settlement patterns in north west Kashmir*, online resource material at British Library, UK.
- Yattoo, MA, & Bandey, AA, 2014. Relations of Neolithic Kashmir with South and Central

Asia: Comparative Analysis of Material Culture from new sites in Kashmir, *Journal of Central Asian Studies*, Vol. 21 (XXI), 37-46.

Yattoo, M.A., 2013. New Evidence for Upper Palaeolithic Material Culture from North West Kashmir, *Pakistan Heritage*, Volume V, pp. 1-10, Hazara University Mansehra Pakistan.

Sankalia, H.D. 1971. New Evidence for Early Man in Kashmir, *Current Anthropology* 12 (4 / 5), 558-562.

*Indian Archaeology – A Review*, Archaeological Survey of India.

*Man and Environment* vol. VI

## SEMESTER- I

### **Practical**

Course code: ARC17105DCE

1. The students will be given practical demonstrations in the field based on taught lectures during three core and one discipline centric modules in the semester-I. In this practical module a student will be expected to write a short assignment assigned to him/her based on explorations, Material culture, Landscape, Site, Settlements and so forth taught during the Semester-I. The assignment should contain but will not be limited to:
  - a) Aims of proposed assignment;
  - b) Nature of data to be collected;
  - c) Presentation of data;
  - d) Conclusions.
  
2. The assignment shall be submitted to the Centre within the stipulated time before the commencement of Semester II, the dates will be communicated to the students separately.



SEMESTER- I

Generic Elective

**Archaeology – an Introduction**

Course code: ARC17106GE

**Unit – 1 Archaeology, its Definition, Aims and Scope**

- a. Definition and scope of archaeology; use and misuse of Archaeology
- b. Archaeological Methods
- c. Key Archaeological Findings and their significance
- d. Role of Social and Natural Sciences in Archaeology
- e. Branches of Archaeology: Prehistoric to Medieval Archaeology

**Unit – 2 Development of Archaeology**

- a. In Europe and America
- b. In India