

F.Y.B.A. – Sem. I

Title of the Course – INTRODUCTION TO ARCHAEOLOGY

Module I- Introduction to Archaeology

- A. Definition, Aims & Objectives
- B. Archaeological Chronology
- C. Development of Archaeology in India with reference to Europe and America

Module II – Archaeology and Sciences

- A. Archaeological sciences, Life science, physical science, quantification methods
- B. Archaeology and social science
- C. Archaeology and Information Technology – Remote sensing, G.I.S

Module III – field Archaeology

- A. Site formation processes/Archaeological records, Data collection
- B. Methods of explorations and excavations
- C. Introduction to dating methods: Absolute and Relative
- D. Under water Archaeology

Module IV – Archaeology and Society : Role & Relevance

- A. Archaeology and Epics
 - B. Public Archaeology
 - C. Careers in Archaeology
-

1. Agrawal, D.P. 1982. *Archaeology of India*. Copenhagen: Scandinavian 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. and D.K. Chakrabarti (eds.). 1979. *Essays in Indian Protohistory*. New Delhi: D.K Publishers.
4. Allchin, F.R. and B. Allchin 1993. *The Birth of Civilization in India*. revised ed. New Delhi: Penguin Books.
5. Allchin, Bridget and Raymond Allchin 1982. *Rise of Civilization in India and Pakistan*. Cambridge: Cambridge University Press.
6. Childe, V.G. 1951. *Man Makes Himself*. New York: Mentor.
7. Cohen, Mark. 1977. *The Food Crisis in Prehistory*. New Haven: Yale University Press.
8. Deo, S.B. 1979. *Problem of South Indian Megaliths*. Dharwad : Karnataka University.

9. Deo, S.B. 1985. The Megaliths: Their culture, ecology, economy and technology, in *Recent Advances in Indian Archaeology* (S.B. Deo and K. Paddayya eds.), Deccan College, Pune.
10. Dhavalikar, M.K. 1990. *First Farmers of the Deccan*, Pune: Ravish Publishers.
11. Ghosh, A. 1973. *The City in Early Historical India*. Simla: Indian Institute for Advanced Studies.
12. Ghosh, A. 1990. *Encyclopaedia of Indian Archaeology* (two volumes). New Delhi: Munshiram Manoharlal.
13. Haimendorf, C. von. F. 1945. "The Problem of Megalithic Cultures in Middle India". *Man in India* XXV : 73 86.
14. Lal, B.B. 2000. *The Saraswati Flows on*. New Delhi: Aryan Books.
15. Lal, Makhan. 1984. *Settlement History and the Rise of Civilization in the Ganga Yamuna Doab*. New Delhi: B.R Publishing House.
16. Mohanty,R.K., and S.R. Walimbe, 1993. A Demographic Approach to the Vidarbha Megalithic Cultures *Man and Environment*, XVIII (2):93-103.
17. Mohanty,R.K. and V.Selvakumar,2002. The Archaeology of Megaliths in India:1947-1997, in *Indian Archaeology in Retrospect*,(S.Settar and R.Korisettar Eds.), New Delhi:Manohar Publishers.Vol.1:313-52&479-81
18. Moorti, U.S. 1994. *Megalithic Cultures of South India : Socio Economic Perspectives*. Varanasi: Ganga Kaveri.
19. Paddayya, K. 2001 2002. The Problem of Ashmound of Southern Deccan in the light of Budihal Excavations. *Bulletin of the Deccan College Research Institute* 60 61: 189 225.
20. Paddayya, K. (ed.). 2002. *Recent Studies in Indian Archaeology*. New Delhi: ICHR and Munshiram.
21. Possehl, G.L. 1979 (ed.). 1979. *Ancient Cities of the Indus*. New Delhi: Vikas Publishing House.
22. Possehl, G.L. (ed.). 1993. *Harappan Civilization A Recent Perspective*. New Delhi: Oxford and IBH Publishing Co.
23. Possehl, G. 1999. *The Indus Age*. New Delhi: Oxford.
24. Roy, T.N. 1983. *The Ganges Civilization: A Critical Study of the PGW and NBPW Periods of Ganga Plains of India*. New Delhi: Ramanand Vidya Bhavan.
25. Sankalia, H.D. 1977. *Prehistory of India*. New Delhi: Munshiram Manoharlal.
26. Sankalia, H.D. 1974. *Pre and Protohistory of India and Pakistan*. Pune: Deccan College.
27. Sharma, G.R. et al. 1980. *Beginnings of Agriculture*. Allahabad: Allahabad University Press.
28. 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
29. 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

30. Shinde, Vasant. 1991. Craft specialization and social organization in the Chalcolithic Deccan, India, *Antiquity* 65(249): 796 807.
31. Shinde, Vasant. 1994. The Deccan Chalcolithic: A Recent Perspective, *Man and Environment*, XIX (1 2): 169 178.
32. Shinde, Vasant. 1998. *Early Farming Community in the Central Tapi Basin (Study of Settlement and Subsistence Patterns)*, Munshiram Manoharlal Publishers, New Delhi
33. Shinde, Vasant. 2000. Origin and development of Chalcolithic in Central India, *Bulletin of Indo Pacific Prehistory Association*, 19: 125 136.
34. Singh, Purushottam. 1991. *Neolithic Origins*. New Delhi: Agam Kala Prakashan.
35. Tripathi, Vibha. 1976. *The Painted Grey Ware: An Iron Age Culture of Northern India*. Delhi: Concept.
36. Tripathy, Vibha. 2001. *Age of Iron in South Asia: Legacy and Tradition*, Aryan Books International, New Delhi.
37. Wheeler, R.E.M. 1968. *Indus Civilization*. (Third Edition). Cambridge: Cambridge University Press.

Marathi and Hindi Reference Books:

38. Agarwal O.P. -*Essentials of Conservation & Museology*(Marathi Tr.).
39. Bhalerao M., K. Rayarikar, *Maharashtrachya Itihasache Sakshidar - Shilalekh ani Tamrapat* ; Diamond Publications, 2010
40. Dhawalikar M. K., *Puratattvavidya* (Marathi), Maharashtra Rajya Sahitya Ani Sansruti Mandal, Mumbai, 1980.
41. Dhawalikar M. K., *Prachin Bharatiya Nanakashastra* , Continental Prakashan, Pune, 2007.
42. Dhawalikar M.K., *Kone Eke Kali Sindhu Samskriti*, Rajahamsa Prakashan, Pune. 2008
43. Deo S. B., *Puratattvavidya* (Marathi), Continental Prakashan, Pune, Reprint 2007.
44. Deo. S. B., *Maharashtratil Utkhanane* , Maharashtra Rajya Sahitya Ani Sansruti Mandal, Mumbai.
45. Gokhale S., *Purabhilekhavidya* , Continental Prakashan, Pune, 2007.
46. Gokhale S., *Bharatiya Abhilekhvidya* (Tr. of Indian Epigraphy by D.C. Sircar) - Continental Prakashan, Pune, 2010
47. Jha Amiteshvar, *Bharatiya Sikke* , IIRNS, Anjaneri, 2004.
48. Oza G. H., *Prachin Bharatiya Lipimala* (Marathi Tr.) , Sahitya Academy, Delhi, 1977.
49. Prabhune P., *Maharashtratil Chalanacha Itihas* , Diamond Publications, Pune 2007.
50. Sankalia H. D., *Puratattva Parichay*(Marathi), Deccan College, Pune.
51. Vajpeyi K. D., *Aitihāsik Bharatiya Abhilekha* , Publication Scheme, Jaipur, 1

F.Y.B.A. – Sem.II

Title of Course- Cultural Heritage of Mumbai (upto 1534)

Module I – Mumbai: Geography and Landscape

- A. Geographical Area (Mumbai,Suburbs and Navi Mumbai) ,Geology of Mumbai and Sea level changes in North Konkan
- B. Fossils in the backyard – Ancient plants and animals in Mumbai and vicissinity
- C. Mumbai explored : Human Existence in Mumbai from Pre-history to History

Module II – Mumbai through Ages (7 C.A.D. - 13 C.A.D.)

- A. Rise of New Urban Centres : Thana, Mahim nad Marol
- B. Cultural Heritage of mumbai during Shilahara Period as seen refelected in inscriptions and Literature :
 - a. Kanheri Cave Inscription of Pullakesakti Year 765
 - b. Kanheri Cave Inscription of Kapardin Year 775
 - c. Kanheri Cave Inscription of Kapardin Year 799
 - d. Thana Plates of Arikesarin Year 939
 - e. Bhandup Plates of Chhitaraja Year 948
 - f. Thana Plates of Nagarjuna Year 961
 - g. Thana Plates of Mummuniraja Year 970
 - h. Ambarnath Temple Inscription of Mummuniraja Year 982
- C. Cultural Heritage of mumbai during Shilahara Period as seen refelected in inscriptions and Literature :
 - a. Vihar Stone Inscription of Anantadeva Year 1003
 - b. CintraStone Inscription of Aparaditya I Year 1059
 - c. British Museum Stone Inscription of the reign of Haripaladeva Year 1076
 - d. Thana Stone Inscription of Aparaditya II Year 1107
 - e. Parel Stone Inscription of Aparaditya II Year 1108

Module III – Mumbai through Ages (14 C.A.D. - 16 C.A.D.)

- A. Eraly Forts in mumbai : Kanheri, Thane Ghodbundar and Mhaim
- B. Archaeological remains in Mumbai of Pre-Portugese Early Medieval Mumbai:
 - a. Historical Geography and Cultural Ethnography of Pre-Portugese Early Medieval Mumbai
 - b. Stray Sculptural Findings fro Elphanta island and Thana
 - c. Ekasar and Devipada Veergals
 - d. Inscriptions:
 - i. Inscriptions of Alu Nakawa,Andheri and Dombivali
 - ii. B.A.R.C.Inscription of Hambirarao
 - e. Mahim Durgah
 - f. Mumbai Under Sultans of Gujarat andBahamani
- C. Literature : Mumbadevi Mahatmya,Bimbakhyana

BIBLIOGRAPHY

1. Ayyangar S. Krishnaswami, "The Great Shiva Image at Elephanta". S.M Katre and P.K. Gode(ed), *A Volume of Eastern Studies presented to F.W. Thomas*, Bombay 1939.
2. Anand, Mulk Raj(ed) *Marg*, Vol. XIII(1960), Special No. on Elephanta containing articles by some art historians.
3. Arunachalam, B, *Mumbai by the sea*, Maritime History Society, Mumbai 2004.
4. Barret, Douglas, "A Group of Bronzes from the Deccan", *Lalit Kala*, Nos3-4, 1956-57.
5. Berkson, Carmel, *Elephanta – The Cave of Shiva*, New Delhi 1999.
6. Burgess, James, *The Rock-Temples of Elephanta of Gharapuri*, D H Sykes & Co. London 1871.
7. Burgess Jas and Bhagwanlal Indrajī, *Inscriptions from Cave Temples of India*, Vol. IV, London 1881 and Vol. V, New Delhi 1994.
8. Cunha, Gerson de, *Notes on the History and Antiquity of Chaul and Bassein*, New Delhi, 1993.
9. D'costa, Anthony, "The History of the Bombay Region", *Indica*, Vol. V, 1968.
10. Dehejia, Vidya, *Early Buddhist Rock Temples*, London, 1972.
11. Desai, Devangana, "Sopara- Pandit Bhagwanlal Indrajī and After," *JAS, Bombay, Bhagwanlal Indrajī* Vol. 1986.
12. "Sopara Bronzes and Maitreya," *Buddhist Iconography*, New Delhi 1989.
13. M.N. Deshpande and A.P. Jamkhedkar, "Buddhist Caves at Lonad- A Reappraisal". In M.S. Nagaraju Rao (ed), *Kusumanjali- C.Shivaramamurti Fel. Vol.* Delhi, 1987.
14. Dharamsey, Virchand, *Bhagwanlal Indrajī- The First Indian Archaeologist*, Vadodara, 2012.
15. Dhavlikar, M.K, *Cultural Heritage of Mumbai*, Chhatrapati Shivaji Maharaja Vastu Sanghralaya, 2016.
16. Dhavalikar, M.K, *Late Hinayana Caves of Western India*, Poona, 1984.
17. Dwivedi Sharda and Rahul Malhotra, *Bombay – The Cities Within*, Bombay, 1995.
18. Edwardes, S.M, *Rise of Bombay- A Retrospect*, Bombay 1902.
19. Fergusson, James and Jas Burgess, *Cave Temples of India*, London 1980 reprint.
20. Fernandes, Braz A, "Sopara- Ancient Port of the Konkan", *JBHS*, Vol. 1, 1982.
21. Gokhale, Shobhana, *Kanheri Inscriptions*, Pune, 1991.
22. Gomes, Henry, "Kalyan- An Ancient Gateway of India", *Indica*, Vol.V, 1968.
23. Gorakshkar, Sadashiv, "Parel Mahadeva Reassessed and Two newly Discovered Images from Parel", *Lalit Kala*, No.20, 1982.
24. "Sopara- Abode of Buddhas Seven Supreme", *JBBRAS, Dr.Bhagwanlal Indrajī* Vol., Bombay, 1986-87.
25. Indrajī, Bhagwanlal, "Antiquarian Remains of Sopara and Padana", *JBBRAS*, Vol.XV, 1983.

26. Kane, P.V. "Notes on the ancient History and Geography of the Konkan", *Progs. Of AIOC, 1919*, Poona, 1922.
27. Kanitkar, Kumud, "Images of Brahma found in the Thane District, Maharashtra", *Marg*, Vol.57, 2006.
28. Kanitkar, Kumud, *Ambarnath Shivalaya*, Mumbai, 2013.
29. Khandalvala, Karl, *The Island Shrine- Elephanta*, Hyderabad, 1990.
30. Kramrisch, Stella, "The Image of Mahadeva in the Cave Temple on Elephanta Island," *AI*, No.2, 1946.
31. Leese, Marilyn, *The Traikutaka Dynasty and Kanheri's Second Phase of Buddhist Cave Excavations*, unpublished Ph.D. dissertation, 1982.
32. "Early Buddhist Icons in Kanheri Cave 3," *AA*, Vol. XLI, 1979.
33. Von Leyden, "The Buddhist Cave of Lonad," *JISOA*, Vol. 15, 1947.
34. Mankodi, Kirit, "Ganga Tripathaga," *AA*, Vol. XXXV, 1973.
35. Nagaraju, S., *Buddhist Architecture of Western India*, (Ca. 250 BC- 300 AD), Delhi 1981.
36. Naravane, M.S, *The Heritage sites of Maritime Maharashtra*," The Maritime History Society, 2001.
37. Pandit, Suraj, *Religious Development of Buddhism as Understood Through the Art of Kanheri*, (Unpublished Ph.D dissertation, University of Bombay, 2004).
38. "Water Management System at Kanheri", *JAS*, Bombay, Vol. 83, 2010.
39. Pandit, Suraj, *Age of Traikutakas: Coins, Inscriptions and Art*, Delhi, 2012.
40. Pandit, Suraj, *Stories in Stone Historic Caves of Mumbai*, Instrucen Trust, Mumbai 2013.
41. Parimoo, Ratan, "Elephanta in the Context of Evolution and Significance of Saiva Sculpture", *JOIB*, Vol. XXVI, 1977.
42. Pusalker, A.D and V. G. Dighe, *Bombay – Story of the Island City*.
43. Pendse, Sachin, *Maritime Heritage of Konkan*, Mumbai, 2011.
44. Saletore, B.A., "Origin of Bombay," *Jr. of Univ. of Mumbai*, NS, Vol. XIII, 1944.
45. Sankalia, H.D, "Origin of Bombay," *Jr. of Univ. of Mumbai*, NS, Vol. XV, 1947.
46. Shetty, B.V, "Identification of a Kanheri Scene in the Prince of Wales Museum, *BPWM* , No. 11, 1971.
47. Sircar, D.C., "Sopara – Rock edict IX of Asoka," *EI*, Vol. XXXII, 1959.
48. Spink, Walter M., *Ajanta to Ellora*, Ann Arbor, 1967.
49. Monuments of Early Kalachuri Period, *JIH*, Vol. XLVI, 1968.
50. Spink, Walter M "Jogeshwari- A Brief Analysis", *JISOA*, Moti Chandra Vol., 1978.
51. "The Great Cave at Elephanta: A Study of its Sources", Bardwell Smith (ed), *Essays on Gupta Culture*, Delhi, 1983.
52. "Elephanta- Relations with Ajanta and Ellora", (Typescript).
53. Stevenson, J., "The Theory of Elephanta Cave", *JBBRAS*, Vol. IV, 1850-52.
54. Suresh, Vasant, "Tulja Leni and Kondivte Chaityagriha", *Art Orientalists*, Supplement I, 2000.

55. "Regional History in Relation To Konkan", *Cuktural Pasts- Essays in Early Indian History*, New Delhi, 2002.
56. Todd, K.R.U., "Paleolithic Industries of Bombay", *JRAS*, Vol. LXIX, 1939.
57. Ziesensis, "A Saiva Sculpture of Parel", *Annual Bibliography of Indian Archaeology 1931*, Leyden, 1933.
58. Zimmer, H., *Art of Indian Asia*, 2 Vols. Princeton, N.J., 1960.
59. कोलते वि. भि., महाराष्ट्रातील काही ताम्रपट आणि शिलालेख, महाराष्ट्र राज्य साहित्य संकृती मंडळ, मुंबई.
60. जामखेडकर अ. प्र., महाराष्ट्र इतीहास प्राचीन काळ खंड १ भाग २, स्थापत्य व कला, संपा. अ. शं. पाठक, दार्शनिका विभाग, महाराष्ट्र शासन, मुंबई.
61. देव शां. भा., महाराष्ट्र आणि गोवे शिलालेख आणि ताम्रपटांची वर्णनात्मक संदर्भ सूची, महाराष्ट्र राज्य साहित्य संकृती मंडळ, मुंबई.
62. भालेराव मंजिरी, कल्पना रायरीकर, २०१३, महाराष्ट्राच्या इतीहासाचे साक्षिदार शिलालेख आणि ताम्रपट, डायमंड प्रकाशन, पुणे
63. मिराशी वा. वि., वाकाटक नृपती आणि त्यांचा काळ, नागपूर विश्वविद्यालय, नागपूर
64. मैड अरूण (संपा.), २०१०, कलाकौस्तूभ अंबरनाथ शिवमंदिर, महाराष्ट्र साहित्य परिषद.
65. राजवाडे वि. का., २०१३, महिकावतीची बखर, मॉजेस्टीक प्रकाशन, मुंबई.
66. सावे अशोक, २०१३, पॉपूलर प्रकाशन आणि अशियाटीक सोसायटी ऑफ मुंबई, मुंबई.