

NATIONAL EDUCATION POLICY-2020

Common Minimum Syllabus for University Campus  
and all Affiliated Colleges of Sri Dev Suman  
Uttarakhand University



STRUCTURE OF VOCATIONAL/SKILL DEVELOPMENT  
COURSE IN HISTORY FOR UNDER GRADUATION

ARCHAEOLOGY IN INDIA


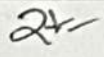
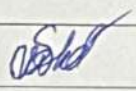

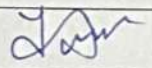


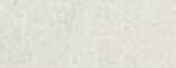
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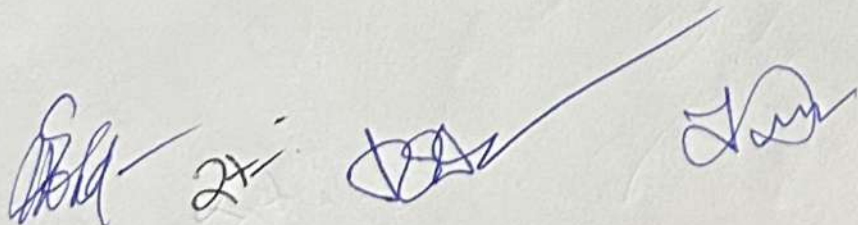
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SRIDEV SUMAN UTTARAKHAND UNIVERSITY BADSHAHITHAUL  
(TEHRI GARHWAL),

UTTARAKHAND

MEMBER OF BOARD OF STUDIES HISTORY

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SRIDEV SUMAN UTTARAKHAND UNIVERSITY  
BADSHAHITHAUL (TEHRI GARHWAL)



## SESSION-2023(ONWARD)

Vocational (Skill Development) Course in History  
For Under Graduation  
In accordance with NEP-2020  
(Archaeology In India)

Syllabus Preparation Committee  
Department of History

Prof. (Dr.) Seraj Mohammad  
Professor

Prof. (Dr.) Sangeeta Mishra  
Professor & H.O.D

Pdt. L.M.S. CAMPUS RISHIKESH

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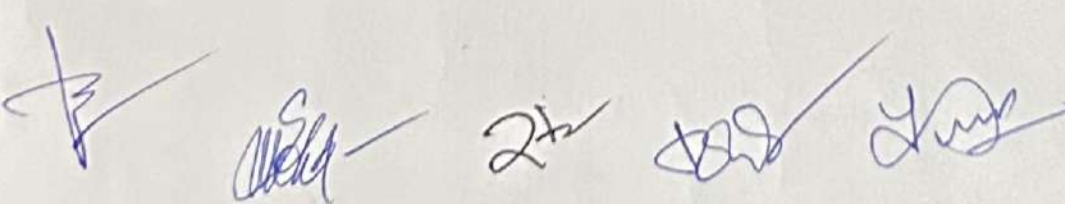
**SRI DEV SUMAN UTTARAKHAND UNIVERSITY**  
**BADSHAHITHAUL (TEHRI GARHWAL)**  
**UTTARAKHAND**

Vocational (Skill Development) Course in History

Archaeology In India

Index

S.No	Subject
Year I Sem I (Level-1)	ARCHAEOLOGY IN INDIA: INTRODUCTION OF ARCHAEOLOGY i. Course objective ii. Course outcome iii. Reading
Year I Sem II (Level-2)	ARCHAEOLOGY IN INDIA: ART AND ARCHITECTURE OF INDIA (FROM 6 <sup>TH</sup> CENTURY B.C.E. TO 12 <sup>TH</sup> CENTURY C.E.) i. Course objective ii. Course outcome iii. Reading
Year II Sem III (Level-3)	ARCHAEOLOGY IN INDIA: ANCIENT INDIAN NUMISMATICS i. Course objective ii. Course outcome iii. Reading
Year II Sem IV (Level-4)	ARCHAEOLOGY IN INDIA: CULTURAL HERITAGE MANAGEMENT i. Course objective ii. Course outcome iii. Reading



## Semester 1<sup>st</sup> (Level-1):- Archaeology In India: Introduction of Archaeology

### Course Objective:

Introduction to Archaeology is a lecture series that introduces first semester students to key concepts and practical approaches in archaeology, highlighting their applications in interpreting the human past. The definition, aims and scope of archaeology and its development as a discipline is introduced to the students. The nature of the archaeological record and the unique role of science in archaeology is explained. The course also provides understanding cultural development and diversity from human origin to civilization development. Legislation related to archaeology and the role of archaeology in heritage management is also discussed in this course.

### Course Outcome:

On the successful completion of Introduction to Archaeology students will develop a strong foundation on the basic understanding of the nature, development and value of archaeology as a discipline.

Vocational Course -01		
Program certificate in Art	Year First	Semester – 1 <sup>st</sup>
Course code : HVC -01	Course Title :- Archaeology In India: Introduction of Archaeology	
Course Outcome :		
Credit : 03	Elective	
Max Marks : 25+75=100		
Total No. of Lectures-Tutorial-Practical = 03::0:0		
Unit	Topic	No of Lecturers
Unit 01	<b>Definition, Aims and Scope of Archaeology</b> i. Course overview ii. Archaeology as the study of the past: Definition, Aims, scope and methods. iii. Main Archaeological Findings and their significance. iv. Archaeology and other sciences (Social and Natural). v. Archaeology, History and Anthropology: Differences and similarities	20
Unit 02	<b>Development of Archaeology through the Ages</b>	05
Unit 03	<b>Evolution of Culture (Human origin to complex societies)</b>	14

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	i. Definition of Culture. ii. Development of Paleolithic Culture. iii. Development of Mesolithic culture (environmental changes and hunting-gathering adaptation around 10,000BC) iv. Transition from hunting gathering to agriculture v. Brief introduction of Pre-Historic Culture - Paleolithic, Mesolithic & Neolithic Culture. vi. Origin of Chalcolithic culture vii. Brief introduction of Proto Historic Culture- Harappa, PGW Culture (Painted Gray Ware) and Megalithic Culture.	
Unit 04	<b>Value of Archaeology</b> i. Cultural Heritage, Monuments and Archaeological Legislations/Treasure	06

### Recommended Readings:

- i. Binford, L.R. 1972 Introduction. *An Archaeological Perspective*, pp. 1-14. Seminar Press, New York.
- ii. Chakrabarti, D.K. 1988. *A History of Indian Archaeology: From the Beginning to 1947*. New Delhi: Munsiram Manoharlal.
- iii. Daniel, Glyn, E. 1975. *A Hundred and Fifty Years of Archaeology*. London: Duckworth.
- iv. Dhavalikar, M K. 1984. Towards an Ecological Model for Chalcolithic Cultures of Central and Western India. *Journal of Anthropological Archaeology* 3. Pp- 133-158
- v. Fagan, B. 1988. *In the beginning: An Introduction to Archaeology*. Glenview: Scott, Foresman and company.
- vi. Flannery, K.V., and J. Marcus 1998 Cognitive Archaeology. In *Reader in Archaeological Theory: Post-Processual and Cognitive Approaches*, edited by D. Whitley, pp. 35-48. Routledge, London.
- vii. Gardner, A. 2009 Agency. In *Handbook of Archaeological Theories*, edited by R.A. Bentley, H.G. Maschner, and C. Chippindale, pp. 95-108. Alta Mira Press, Lanham, MD.
- viii. Gifford-Gonzalez, Diane. 2011. Just Methodology? A Review of Archaeology's Debts to Michael Schiffer. *Journal of Archaeological Method & Theory* (2011) 18: 299-308.
- ix. Granet Marcel. 1930. *Chinese Civilization*. Trench Tubner and Co. London
- x. Hodder, Ian. 1992. *Theory and Practice in Archaeology*. London: Routledge.

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- xii. Hodder, I. 1995. *Interpreting Archaeology: Finding Meaning in the Past*. New York: Routledge.
- xiii. Hurcombe Linda 2007. *Archaeological artefacts as material culture*. New York: Routledge
- xiv. Kelly, R.L. 1995. Chapter 3, Foraging and Subsistence. In *The Foraging Spectrum: Diversity in Hunter- Gatherer Lifeways*. Smithsonian Institution Press, Washington, D.C.(pp. 65-110)
- xv. Lloyd Setan. 1984. *Archaeology of Mesopotamia from Old Stone Age to Persian Conquest*. Thames and Hudson. London
- xvi. McIntosh Jane R. 2008. *Ancient Indus Valley: New Perspectives*. Abc Clio. California.
- xvii. McHenry, Henry M. 2009. Human Evolution in *Evolution: The First Four Billion Years*, edited by M. Ruse and J. Travis. Cambridge, Massachusetts: Harvard University Press. Pp. 256-280
- xviii. Murrey Margaret A. 1949. *Splendor that was Egypt General Survey of Egyptian Culture and Civilization*. Sidwick and Jackson Ltd. London
- xix. Paddayya, K. 1990. *New Archaeology and Aftermath: View from Outside the Anglo-American World*. Pune: Ravish Publishers
- xx. Paddayya, K. 2014. *Multiple Approaches to the Study of India's Early Past: Essays in Theoretical Archaeology*. Aryan Books International
- xxi. Renfrew, Colin and Paul Bahn 2006 *Archaeological: Theories and Methods and Practice*. Thames and Hudson. London
- xxii. Schiffer, M.B. 1995. *Behavioral Archaeology: First Principles*. Salt Lake City: University of Utah Press
- xxiii. Shanks, M. 2008 Post-Processual Archaeology and After. In *Handbook of Archaeological Theories*, edited by R.A. Bentley, H.G. Maschner, and C. Chippindale, 133-144.

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**Semester 2<sup>nd</sup> (Level-2):- Archaeology In India: Art and Architecture of India (from 6th century B.C.E. to 12th century C.E.)**

**Course Objectives**

Students will be introduced to the emergence and development of art traditions up to 12<sup>th</sup> century C.E. They will be familiar with the Indian old Cultural and architectural heritage. They will be acquainted with Indian past glory and magnificent traditions.

**Course Outcomes:**

Students will be able to understand the monuments in their religious, regional, and stylistic contexts. Students will be able to prepare plans for the Indian glorious art and monuments.

Vocational Course -02		
Program certificate in Art	Year First	Semester – 2 <sup>nd</sup>
Course code : HVC -02	Course Title:- Archaeology In India: Art & architecture of India (From 6 <sup>th</sup> century B.C.E. to 12 <sup>th</sup> century C.E.)	
Course Outcome :		
Credit : 03	Elective	
Max Marks : 25+75=100		
Total No. of Lectures-Tutorial-Practical = 03:: 0:0		
Unit	Topic	No of Lecturers
Unit 01	<b>Introduction to Traditions of Art and Architecture in India</b> i. Introduction to Art and Architecture and Prelude to historical art. ii. Art of the Pre-Mauryan period. iii. Art and Architecture of the Mauryan Period	09
Unit 02	<b>Emergence and Development of Temple Architecture</b> i. Origin of Temple Architecture- Theoretical aspects. ii. Concept and symbolism of Temple. iii. Archaeological remains of structural temples. iv. Temple Architecture during the Gupta period.	09
Unit 03	<b>Structural Temples in North, Central, and Western India</b> i. General Review of Post-Gupta Monuments and Sculptures in Northern India ii. Pratiharas: Deogarh iii. Kalchuris: Candrehe, Bheraghat, Maihar iv. Maitrakas and Saindhavas: Gop.Khimeshvara, Ghumali, Miyani	09

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Unit 04	<b>Sculptural Art and Paintings - Emergence and Development</b> i Sculptural Art and Paintings -Concept and Symbolism. ii Terracotta, Ivories and Bronzes iii Paintings: Ajanta & Elora and other regional painting. iv Stone sculptures-Gandhara, Mathura, Sarnath and Andhra schools of Art. v Art during the Gupta-Vakataka period.	09
Unit 05	<b>Structural Temples and Monuments: Eastern India &amp; Southern India</b> i Development and Characteristics of Kalinga style of Temple Art and Architecture ii Lingaraj and Konark sun temple iii Pallavas: Mahabalipuram iv Pandyas: Kalugumalai and Tirupattu v Hoyasalas: Belur vi Cholas: Tanjavur	09

#### Recommended Readings:

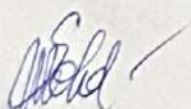
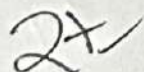
- i. Barua, B. 1934-37. *Barhut Vol. I-III*. Calcutta: Indian Research Institute.
- ii. Cunningham, Alexander 1966. *The Bhilsa Topes*. Varanasi: Ideological Book Corporation.
- iii. Cunningham, Alexander 1965. *The Stupa of Bharhut*. Varanasi: Ideological Book Corporation.
- iv. Dallapiccola, L.S.Z. Lallemand. 1980. *The Stupa : Its Religious, Historical, and Architectural Significance*. Wiesbaden: Franz Steiner Verlag.
- v. Dehejia, Vidya 1972. *Early Buddhist Rock Temples A Chronological Study*. London: Thames and Hudson.
- vi. Dehejia, Vidya 1997. *Discourse in Early Buddhist Art*, New Delhi: Munishiram Manoharlal Publishers Pvt. Ltd.
- vii. Dhavalikar, M.K. 1977. *Masterpieces of Indian Terracotta*. Bombay: D.B.Taraporevala Sons and Co. Pvt. Ltd.
- viii. Dhavalikar, M. K. 1985. *Late Hinayana Caves of Western India*. Pune: Deccan College.
- ix. Dhavalikar, M. K. 2004. *Satavahana Art*. Delhi: Sharada Publishing House.
- x. Dwivedi, V.K. 1976. *Indian Ivories*. New Delhi: Agam Kala Prakashan.
- xi. Ghosh, A. 1967. *Ajanta Murals*. New Delhi: Archaeological Survey of India.
- xii. Gupta, S.P. 1980. *Roots of Indian Art*. New Delhi: B.R. Publishing Corporation.
- xiii. Gupta, S.P. (ed.). 2003. *Kushana Sculptures from Sanghol*. New Delhi: National Museum.
- xiv. Huntington, Susana. L. with John Huntington 1985. *The Art and Architecture of India*. New York: Weatherhill.
- xv. Joshi N.P. 1966. *Mathura Sculptures*. Mathura: Archaeological Museum.
- xvi. Khandalwala, Karl(ed.) 1991. *Golden Age: Gupta Art Empire, Province and Influence*. Bombay: Marg Publications.
- xvii. Knox, Robert 1992. *Amravati- Buddhist Sculpture from the Great Stupa*. London: British Museum Press.
- xviii. Marshall, John 1960. *The Buddhist Art of Gandhara*. Cambridge: Cambridge University Press.

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- xix. Meister, Michael W. and M.A. Dhaky (ed.) 1999. *Encyclopedia of Indian Temple Architecture. Vol. II, Part 1, North India: Foundations of North Indian Style C 250 BC- AD 1100*. Delhi: American Institute of Indian Studies and Oxford University Press.
- xx. Nagaraju, S. 1981. *Buddhist Architecture of Western India*. New Delhi: Agam Kala Prakashan.
- xxi. Sharma, R.C. 1984. *Buddhist Art of Mathura*. New Delhi: Agam Kala Prakashan.
- xxii. Sivaramamurti, C. 1942. *Amaravati Sculptures in the Madras Government Museum*. Madras: Government Press.
- xxiii. Snodgrass, Adrian 1992. *The Symbolism of the Stupa*. Delhi: Motilal Banarasidass.
- xxiv. Stone, Elizabeth Rosen 1994. *The Buddhist Art of Nagarjunkonda*. Delhi: Motilal Banarasidass Publisher Pvt. Ltd.
- xxv. Williams, Joanna 1982. *The Art of Gupta Indian-Empire and Province*. New Jersey: Princeton
- xxvi. Acharya, P. K. 1927. *Indian Architecture According to Manasara – Shilpashatra*. London: Oxford University Press.
- xxvii. Ali, Rahman 2002. *Temples of Madya Pradesh - The Paramara Art*. New Delhi: Sundeep Prakashan
- xxviii. Bandyopadhyay, Bimal. 1981. *Metal Sculptures of Eastern India*. Delhi: Sundeep Prakashan. Deglurkar, G. B. 1994. *Temple Architecture and Sculpture of Maharashtra*. Nagpur: Nagpur University.
- xxix. Berkson, Carmel 1992. *Ellora: Concept and Style*. New Delhi: IGNCA and Abhinav Publications.
- xxx. Brown, Percy 1940. *Indian Architecture (Buddhist and Hindu Periods)*. Bombay: D. B. Taraporevala Sons and Co.
- xxxi. Chandra, Pramod (ed) 1975. *Studies in Indian Temple Architecture*. New Delhi: American Institute of Indian Studies.
- xxxii. Collyer, Kelleeson 1990. *The Hoyasala Artists Their Identity and Style*. Mysore: Directorate of Archaeology and Museums.
- xxxiii. Deglurkar, G. B. 2004. *Portrayal of the Women in the Art and Literature of the Ancient Deccan*. Jaipur: Publications Scheme.
- xxxiv. Deglurkar, G. B. 2005. *Sursundari*. Pune: Bhartiya Vidhya Bhavan (in Marathi).
- xxxv. Dehejia, Vidya 1986. *Yogini Cult and Temples A Tantric Tradition*. New Delhi: National Museum.
- xxxvi. Dehejia, Vidya 1990. *The Art of Imperial Cholas*. Columbia: Columbia University Press.
- xxxvii. Dehejia, Vidya 1979. *Early Stone Temples of Orissa*. Delhi: Vikas Publishing House.
- xxxviii. DeLippe, Aschwin 1978. *Indian Medieval Sculpture*. Amsterdam: North Holland Publishing Co. Desai, Vishakh and Darielle Mason (eds) 1993. *Gods, Guardians and Lovers*. New York and Ahmedabad: Asia Society Galleries and Mapin Publishing.
- xxxix. Deva, Krishna 1990. *Temples of Khajuraho (2 vols.)*. New Delhi: Archaeological Survey of India.
- xl. Deva, Krishna 1995. *Temples of India (2vols.)* New Delhi: Aryan Books International.
- xli. Dhaky, M.A. 1961. *The Chronology of Solanki Temples of Gujarat*, *Journal of Madhya Pradesh Itihas Parishad* 3:1-83.
- xlii. Dhaky, M.A. 1965. *The Vyala Figures on the Medieval Temples of India*. Varanasi: Prithvi Prakashan
- xliiii. Dhaky, M.A. 1977. *The Indian Temple Forms in Karnataka Inscriptions and Architecture*. Delhi: Abhinav Publications.
- xliv. Dhaky, M.A. (ed.) 1996. *Encyclopedia of Indian Temple Architecture. Vol. I, Part 3, South India: Upper Dravida desa Later Phase A.D. 973-1326*. Delhi: American Institute of Indian Studies and Oxford University Press.
- xlv. Dhaky, M.A. (ed.) 1998. *Encyclopedia of Indian Temple Architecture. Vol. II, Part 3, North India: Beginnings of Medieval Idiom CAD 900-1000*. Delhi: American Institute of Indian Studies and IGNCA.
- xlvi. Dhaky, M.A. 2005. *The Indian Temple Traceries*. New Delhi: D.K. Printworld (P) Ltd.


xlvi. Dhavalikar, M.K. 1983. Masterpieces of Rashtrakuta Art: The Kailas. Bombay: D.B. Taraporewala and Sons Pvt. Ltd.

xlviii. Donaldson, Thomas E. 1985. Hindu Temple Art of Orissa.(3vols.).Leiden: E. J. Brill.

xlix. Fergusson, James 1876. A History of Indian and Eastern Architecture. London: John Murray.

foekema, G. 1994 .Hoyasala Architecture. New Delhi: Books and Books.

foekema, G. 2003. Chalukya Architecture (3 vols.) NewDelhi: Munshiram Manoharlal Publishers Pvt. Ltd.

i. Ganguly, O.C.1957.Art of Chandela. Calcutta: Rupa and Company.]

ii. Handa, Devendra 1984. Osian: History, Archaeology, Art and Architecture. Delhi: Sundeep Prakashan

iii. Hardy, Adam 1995. Indian Temple Architecture: Form and Transformation. New Delhi: Abhinav Publications.

iiii. Hardy, Adam 2007.The Temple Architecture of India. Chichester: Wiley.

liv. Harle, James 1986. The Art and Architecture of the Indian Subcontinent. Harmondsworth: Penguin.

lv. Huntington, Susana. L.with John Huntington. 1985. The Art and Architecture of India. New York: Weatherhill.

lvi. Kramrisch, Stella 2002 (Reprint) The Hindu Temples (2 vols.) New Delhi: Motilal Banarasidas.

lvii. Lockwood, Michael et.al. 2001. Pallava Art. Madras: Tambaram Research Associates.

lviii. Mathur, Asha Rani. 1988. The Great Traditions: Indian Bronze Masterpieces. New Delhi: Festivals of India.

lix. Meister, Michael W. and M.A. Dhaky (ed.) 1991. Encyclopedia of Indian Temple Architecture. Vol.II, Part 2, North India: Period of Early Maturity CAD 700-900. Delhi: American Institute of Indian Studies and Oxford University Press.

lx. Meister, Michael W. and M.A. Dhaky (ed.) 1999. Encyclopedia of Indian Temple Architecture. Vol.II, Part 1, North India: Foundations of North Indian Style C.250 B.C-A.D 1100. Delhi: American Institute of Indian Studies and Oxford University Press.

lxi. Meister, Michael W. (ed.) 1999. Encyclopedia of Indian Temple Architecture. Vol. I, Part 1, South India: Lower Dravidadesa 200 B.C – A.D 1324. Delhi: American Institute of Indian Studies and Manohar Publishers.

lxii. Meister, Michael W. and M.A. Dhaky (ed.) 1999. Encyclopedia of Indian Temple Architecture. Vol. I, Part 2, South India: Upper Dravidadesa A.D 550 - 1075. Delhi: American Institute of Indian Studies and Oxford University Press.

lxiii. Michell, George. 1977. The Hindu Temple: An Introduction to its Meaning and Form. Chicago: University of Chicago Press.

lxiv. Michell, George. (ed.) 1996. Encyclopedia of Indian Temple Architecture. Vol. I, Part 3, South India: Upper Dravidadesa Later Phase. Delhi: American Institute of Indian Studies.

lxv. Misra, R. N. 1987. Sculptures of Dahala and Dakshina Kosala and Their Background. Delhi: Agam Kala Prakashan.

lxvii. Nanavati, J. M. and M. A. Dhaky. 1969. The Maitraka and the Saindhava Temples of Gujarat. Ascona: Artibus Asiae.

lxviii.Nanavati, J. M and M. A. Dhaky. 1963. The Ceilings in the temples of Gujarat, Bulletin of the Baroda Museum and Picture Gallery, Vols .XVI - XVII.

lxix. Parimoo, Ratan et al 1988. Ellora Caves: Sculptures and Architecture. New Delhi: Books and Books.

lxx. Pichard, Pierre 1995. Thanjavur Brhadisvara, an Architectural Study. Delhi: IGNCa and Ecole Francaised el' Extreme Orient

lxxi. Settar, S, 1992. Hoyasala Temples. Dharwad: Karnataka University.

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## Semester 3<sup>rd</sup> (Level-3) :- Archaeology In India: Ancient Indian Numismatics

### Course Objectives:

To introduce ancient India's currency system and acquaint the coinage development through the age. To make familiar with Coinage system which was a major aspect of economy and foreign trade as well.

### Course Outcomes:

Students will be able to identify and decipher the various coins. They will also be able to understand the socio-political background that accure through the coinage of that time; thus getting holistic picture of that economic system prevalent in ancient India.

Vocational Course -03		
Program certificate in Art	Year Second	Semester – 3 <sup>rd</sup>
Course code : HVC -03	Course Title :- <b>Archaeology In India: Ancient Indian Numismatics</b>	
Course Outcome :		
Credit : 03	Elective	
Max Marks : 25+75=100		
Total No. of Lectures-Tutorial-Practical = 03:: 0:0		
Unit	Topic	No of Lecturers
Unit 01	<b>Introduction to Numismatics</b> <ol style="list-style-type: none"> <li>Numismatography: History of Numismatic Studies in India</li> <li>Numismatic Studies: Terminology, Scope and Importance in the reconstruction of socio-cultural and economic History</li> <li>Provenance of Coins, Findings from Archaeological excavations and Stratigraphic relevance, Stray findings, Hoards, Private and Public Collections</li> <li>Numismatic as source of History.</li> </ol>	09
Unit 02	<b>Study of Ancient Indian Coinage: polity-economic dimensions</b> <ol style="list-style-type: none"> <li>Different categories of the coins and weight standard as linked from the historical text: Shatamana, Vimshatik and Karshapana series.</li> <li>Punch-Marked Coins</li> </ol>	09

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Unit 03	i. Coins of Indo-Greek, Indo-Scythian and Indo-Parthian dynasties ii. Coinage of the Kushanas & Satvahanas	09
Unit 04	i. Coins of the Western Kshatrapas: Kshaharata and Kardamaka Rulers ii. Coins of the Sangama Period: Chera, Chola and Pandya iii. Coins of the Guptas	09
Unit 05	<b>Practical Training</b> i. Introduction of scripts: Brahmi, Kharoshthi ii. Coin Cleaning: Treatment and Preservation iii. Identification of coins, preparation of coin catalogue and report writing	09

### Recommended Readings:

- i. Allan, J. 1935. Catalogue of Coins of Ancient India. London: British Museum.
- ii. Altekar, A.S., 1937. Catalogue of Coins of the Gupta Empire. Varanasi: Numismatic Society of India.
- iii. Bhandarkar, D.R., 1921. Carmichael Lectures on Ancient Indian Numismatics. Calcutta: Calcutta University.
- iv. Bharadwaj, H.C. 1979. Aspects of Ancient Indian Technology. Delhi: Motilal Banarasidas. Chattopadhyaya, Bhaskar 1967. The Age of the Kushanas – A Numismatic Study. Calcutta: Punthi Pustak.
- v. Datta, Mala 1990. A Study of the Satavahana coinage. Delhi: Harman Publishing House.
- vi. Dhavalikar, M.K. 1975. Pracheena Bharatiya Nanakshastra. Pune: Maharashtra Vidyapeeth Grantha nirmiti Mahamandal.
- vii. Handa, Devendra 2007. Tribles Coins of Ancient India. New Delhi: Aryan Books International.
- viii. Elliot, W. 1970. (Reprint) Coins of South India. Varanasi: Indological Book House
- ix. Gardener, P. 1886. The Coinage of the Greek and Scythic Kings of Bactria and India in British Museum. London: British Museum.
- x. Gokhale, Shobhana 1981. New Discoveries in the Satavahana Coinage, JNSI vol. XLIII: 54-59.
- xi. Goyal, S.R. 1995. Dynastic Coins of Ancient India. Jodhpur: Kusumanjali Book World.
- xii. Gupta, P.L. 1979. (2<sup>nd</sup> Revised Edition) Coins. New Delhi: National Book Trust.
- xiii. Gupta, P.L. 1981. Coins: Source of Indian History. Ahmedabad: B.J. Institute of Learning and Research.

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- xiv. Gupta, P.L. and Sarojini Kulashreshtha 1993. Kushana Coins and History. New delhi: D.K. Publishers.
- xv. Gupta, P.L. and T.R. Hardaker 1985. Ancient Indian Silver Punch-Marked Coins of the Magadha Maurya Karshapana Series. Nasik: Indian Institute of Research in Numismatic Studies
- xvi. Jha, A.K. 1998. Observations on the Principles of Typology: A Study of Ancient Indian Coinage, in Ex Moneta: Essays on Numismatics in Honour of Dr. David W. Macdowall(A.K. Jha and Sanjay Gargeds .) Volume I, p p . 33-42. New Delhi : Harman Publishing House.
- xvii. Jha, Amiteshwar and DilipRajgor 1994. Studies in the Coinage of Western Kshatrapas. Anjaneri: Indian Institute of Research in Numismatic Studies.
- xviii. Krishnamurti, R. 1997. Sangam Age Tamil Coins. Madras: Garnet Publishers. Lahiri, A.N. 1965. Corpus of Indo-Greek Coins. Calcutta Journal of the Numismatic Society of India, Varanasi.
- xix. Mangalam, S.J. 2001. Shankar Tiwari Collection of Early Coins from Narmada Valley. Bhopal: Directorate of Archaeology and Museums, Government of Madhya Pradesh.
- xx. Numismatic Digest A Journal Published by Indian Institute of Research in Numismatic Studies, Anjaneri (Nasik).
- xxi. Rajgor, Dilip 2001. Punch-Marked Coins of Early Historic India. California: Reesha Books International.
- xxii. Rapson, E.J. 1908. Catalogue of Coins of Andhra Dynasty, Western Kshatrapas etc. London: British Museum.
- xxiii. Ray, S.C. 1977. The Stratigraphic Evidence of Coins in Indian Excavations and Some Allied Issues. Varanasi: Numismatic Society of India.
- xxiv. Sahni, Birbal 1973. The Technique of Casting Coins in Ancient India. Varanasi: Bharatiya Publishing House.
- xxv. Sarma, I.K. 1980. Coinage of the Satavahana Empire. Delhi: Agam Kala Prakashan.
- xxvi. Shastri, A.M. (Ed.) 1972. Coinage of Satavahanas and Coins from Excavations, Nagpur. Nagpur University.
- xxvii. Shastri, A.M. (Ed.) 1999. Age of the Satavahanas (two volumes): New delhi: Aryan Prakashan. Srivastava, A.K. 1969. Catalogue of Indo-Greek Coins in the State Museum, Lucknow. Lucknow: State Museum.
- xxviii. Srivastava, A.K. 1972. Catalogue of Saka-Pahlava Coins of Northern India in the State Museum, Lucknow. Lucknow: State Museum.
- xxix. Studies in South Indian Coins: A Journal Published by South Indian Numismatic Society, Madras.

xxx. Whitehead, R.B. 1910. Catalogue of Coins in the Punjab Museum, Lahore, Vol. I: Indo- Greek Coins. Oxford: Clarendon Press

**Semester 4<sup>th</sup> (Level-4) :- Archaeology In India: Cultural Heritage Management**

**Course Objectives:**

The objective of this course is to introduce students to the key concepts of Heritage management, including the definition and scope of the subject and its implementation in the Indian context.

**Course Outcomes:**

Students are prepared in this course with the issues related to Heritage management.

Vocational Course -04		
Program certificate in Art	Year Second	Semester – 4 <sup>th</sup>
Course code : HVC -04	Course Title :- Archaeology In India: Cultural Heritage Management	
Course Outcome :		
Credit : 03	Elective	
Max Marks : 25+75=100		
Total No. of Lectures-Tutorial-Practical = 03:: 0:0		
Unit	Topic	No of Lecturers
Unit 01	<ul style="list-style-type: none"> <li>i. Heritage: Definition and scope</li> <li>ii. Types of Heritage</li> <li>iii. Need for conservation of heritage</li> </ul>	09
Unit 02	<ul style="list-style-type: none"> <li>i. World Heritage Movement</li> <li>ii. Role of International Organizations, e.g.</li> <li>iii. UNESCO World Heritage Monuments</li> <li>iv. World Heritage Monuments in India</li> </ul>	09
Unit 03	<ul style="list-style-type: none"> <li>i. History of Cultural Heritage in India</li> <li>ii. Role of Government bodies</li> <li>iii. Indian Legislation about Cultural Heritage</li> <li>iv. Role of Non-Government Organizations and Universities</li> </ul>	09
Unit 04	<ul style="list-style-type: none"> <li>i. Heritage Management: Policy and Practice</li> <li>ii. Developmental issues and their impacts</li> <li>iii. Impact of natural factors, e.g. natural calamities</li> <li>iv. Illegal trade of art objects and smuggling</li> </ul>	09
Unit 05	<ul style="list-style-type: none"> <li>i. Public participation in preservation of cultural heritage</li> </ul>	09

	ii. Enhancing public awareness: formal and non-formal education Tourism and cultural heritage iii. Heritage site in Uttarakhand State.	
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### Recommended Reading:

- i. Batra, M. L. 1996. Conservation: Preservation and Restoration of Monuments. New Delhi: Aryan Books International.
- ii. Basham, A.L. 2007. The Illustrated Cultural History of India. Oxford University Press.  
 Bhandari, N.K. 2007. Cultural Heritage of India. Delhi: Eastern Book Corporation. Bhowmik, S. K. 2004 Heritage Management: Care, Understanding and Appreciation of Cultural Heritage. Jaipur: Publication Scheme.
- iii. Biswas, Sachindra Sekhara. 1999. Protecting the Cultural Heritage (National Legislation and International Conservation). New Delhi: Aryan Books International.
- iv. Deshpande, M. N. 1994. Care of Cultural Heritage. New Delhi: National Museum Institute.  
 Dhawan, Shashi. 1996. Recent Trends in Conservation of Art Heritage. Delhi: Agam Kala Prakashan.
- v. Ghoshmaulik, S. K. and K.K. Bass 2001. Understanding Heritage: Role of Museum. Bhubaneswar: Academic Staff College.
- vi. Howard, Peter. 2003. Heritage: Management, Interpretation, Identity. London: Continuum.  
 Paddayya, K . Paddayaa 2004 . Heritage management with special reference to modern impacts on archaeology sites of lower Deccan. Deccan Studies 1 (2): 7-24.
- vii. P.R.Rao 1988. Cultural Heritage of India. Delhi: Sterling.
- viii. Renfrew, C, 2000. Loot, Legitimacy and Ownership. London: Duckworth.
- ix. Singh, L.K. 2008. Indian Cultural Heritage from Tourism Perspective. Delhi: ISHA Books.
- x. Thapar, B.K. 1989 Conservation of the Indian Heritage. New Delhi: Cosmo Publication

