

Master in Archaeology and Heritage Management (MAHM)

First Semester

Paper Code: 88601

Title of the Paper : India and the World : Through the Ages

Unit I : The Beginnings to the First Civilizations

- a. Prehistory, protohistory, history and stone age cultures, beginning of agriculture
- b. The evolution of civilization-Egypt, Mesopotamia, India and China
- c. Minoans and Mycenaean Civilizations
- d. Vedic Culture

Unit II : Towards organized states (600 B.C to 150 B.C)

- a. Greek, Persian, Hellenistic, and Roman empire - Republic to Augustus
- b. Evolution of State in India - Janapadas, Mahajanapadas and the Mauryan empire
- c. Chinese civilization —Chou Dynasty, Mesoamerican Civilization
- d. Evolution of philosophy, religion and science

Unit III : Conflict and Interaction (150 B.C to 700 A.D)

- a. Breakdown of Roman empire and the beginning of Feudal Europe
- b. Breakup of Mauryan Empire, Sungas, Kushanas, Sakas
- c. Byzantine empire and Europe
- d. Religion, art, culture, science and literature

Unit IV : The Cultural Efflorescence

- a. The golden age of Indian and the Chinese civilizations
- b. The Trade, Towns, Manors and Castle.
- c. Arab conquest and the Ommayad Caliphate and the Abbasids,
- d. Science, religion, literature and arts

Unit V: To the Modern World

- a. India 12th - 19th centuries A.D.
- b. The Ottoman empire and the making of Europe.
- c. The Renaissance and its impact on human civilization
- d. Science, religion, art, culture etc.

READING LIST

Paper Code: 88601 : India and the World : Through the Ages

1. Robert J. Wenke : *Pattern in Prehistory*, Oxford.
2. Clark Kenneth : *Civilization*, Penguin
3. Burn, Ralph, Learver (ed): *World Civilization*, Vol. I-III, New York.
4. M. Savelle : *A History of World Civilization*, New York
5. A. Toyanbee : *A Study of History*, London.
6. J. Howkes : *The First Great Civilizations*, London.
7. R.C.Majumdar : *Vedic Age*, Bombay
8. B.R. Allchin : *Rise of Civilization in India and Pakistan*, Cambridge.
9. A. Andrews : *Greek Society*, Penguins.
10. D.C. Michael : *Breaking the Maya Code*, Penguin.
11. F. Braudel : *History of World Civilization*, Penguin.
12. Arthur Collerell : *An Encyclopedia Classical Civilizations*, Penguin.
13. Rodvey Castleden : *Minoans-Life in Bronze Age Circle*, New York.
14. G. Roux : *Ancient Iraq*, Penguins.
15. H. Kees : *Ancient Egypt*, London.
16. Nigel Davies : *The ancient Kingdoms of Mexico*, Penguin.
17. F.Friedrich Heer : *The Medieval World*, London.
18. F. Friedrich Heer : Volumes Published under *Lost Civilization Seves*,
19. J. K. Fair Bank : (i) *China* , London.
(ii) *East Asia*, London
20. J. H. Mundy : *Europe in the High Middle Ages*, London.
21. J. H. Plumb : *Renaissance*, Penguins
22. N.E. Cantor : *The Civilization of the Middle Ages*, New York.
23. E. Gibbon : *The History of the Decline and fall of the Roman Empire*, Penguin.
24. J. J. Norwich : *A short History of Byzantium*, Penguin.
25. Peter Mansfield : *The Arabs*, Penguins.
26. Buyantyn Dashtsern : *The History and Culture of Mongolia*, Calcutta.
27. J. M. Roberts : *History of Europe*, Penguin.
28. E. Hobsbawn : *The Age of Revolution*, New Delhi
29. E. Hobsbawn : *The Age of Empire*, New Delhi.
30. E. Hobsbawn : *The Age of Capital*, New Delhi.
31. E. Hobsbawn : *History of Humanity*, Vol-1-IV, Unesco Publication.
32. Colin Wells : *The Roman Empire*, London.
33. H. G. Wells : *An outline of World History*, Penguin.
34. Buddha Prakash : *India and the World*, Hoshiarpur.
35. Buddha Prakash : *Old World Civilization*.
36. Buddha Prakash : *New World an Pacific Civilization*, Series of American Museum of National History, Hongkong.

Master in Archaeology and Heritage Management (MAHM)

First Semester

**Paper Code: 88603
(Practical Code: 651)***

Title of the Paper : Architecture of India

Unit-I :

- a. Origin of physical forms and structures in Indian architecture
- b. Body as a measure, axis of access and symbolism in architecture
- c. Relationship between inner and outer space in Indian architecture
- d. Sacred space, sacred place and the concept of mandala

Unit- II :

- a. Harappan and Post Harappan Architecture
- b. Pre-Mauryan and Mauryan Architecture
- c. Development of Stupa Architecture - Sanchi, Bharhut, Amaravati, Nagarjunakonda, Sarnath,
- d. Beginning of Rock-cut Architecture – Sudama Cave, Lomas Rishi, Bhaja, Kondane, Nasik, Pitalkhora, Karle Khandgiri, Ajanta and Elephanta.

Unit III :

- a. Rock-cut Architecture – Mamallapuram and Ellora (Kailash Temple)
- b. Rock-cut Architecture of Ajanta, Pitalkohra and Ellora (Buddhist and Jain Caves).
- c. Beginning of Temple Architecture - Sonkh, Deogarh, Bhitargaon, Aihole and Pattadakal
- d. Case study

Unit IV :

- a. Evolution of Nagara Style of Temple - Gwalior, Khajuraho, Bhubaneswar and Konark
- b. Evolution of Dravidian Style of Temple - Aihole, Pattadakal, Badami, Mamallapuram, Thanjavur, Hampi,
- c. Evolution of Vesara style of temple - Mount Abu, Gujarat and others Somanth Halebid
- d. Case Study

Unit V :

- a. Architecture of Sultanate period.
- b. Architecture of Mughal period.
- c. Anglo-Indian Architecture.
- d. Case studies : Vijayanagar, Delhi and Fatehpur Sikri.

*** Practicals include Site Visit**

READING LIST

Paper Code: 88603: Architecture of India

1. Acharya, P.K. 1993. *An Encyclopaedia of Hindu Architecture*. New Delhi.
2. Acharya, P.K. 1995. *A Dictionary of Hindu Architecture*. New Delhi.
3. Asher, C.B. 1995. *Architecture of Mughal India*. Cambridge University Press
4. Balasubramanya, S.R. 1978. *Middle Chola Temples*. Faridabad
5. Brand, M & Lowry, G.D. 1987. *Fatehpur Sikri*. Marg Publication
6. Brown, P. 1997. *Indian Architecture (Buddhist and Hindu Periods)*. Bombay.
7. Brown, P. 1996. *Indian Architecture (Islamic Period)*. Bombay.
8. Coomaraswamy, A.K. 1983. *Symbolism of Indian Architecture*. Jaipur
9. Coomaraswamy, A.K. 1991. *Early Indian Architecture*. New Delhi
10. Cousens, H. 1996. *The Chalukyan Architecture*. New Delhi.
11. Dallapiccola, A.L. (ed.) 1985. *Vijayanagara - City and Empire - New Currents of Research*. Stuttgart
12. Fergusson, J. 1910. *History of Indian and Eastern Architecture (2 Vols.)*. London.
13. Fergusson, J. and Burgess, J. 1988. *The Cave Temples of India*. New Delhi.
14. Govind Chandra, R. 1996. *Indian Symbolism*. New Delhi.
15. Hardy, A. 1995. *Indian Temple Architecture : Form and Transformation*. New Delhi.
16. Kramarisch, S. 1976. *The Hindu Temple (2 Vols.)*. New Delhi.
17. Krishnadeva, 1990. *Temples of Khajuraho*, New Delhi.
18. Krishnadeva, 1990. *Temples of India (2 Vols.)*. New Delhi.
19. Macdonald, A.W. 1997. *Mandala and Landscape*. New Delhi.
20. Meister, H.W. & Dhaky, M.A. (eds.) 1991. *Encyclopaedia of Indian temple Architecture*. American Institute of Indian Studies
21. Michell, G. 1995. *Architecture and Art of Southern India*. Cambridge University Press
22. Nagaraju, S. 1981. *Buddhist Architecture of Western India*. Delhi.
23. Nath, R. 1994. *History of Mughal Architecture*. Delhi.
24. Page, J.A. et al 1997. *Monuments of Delhi (3 Vol.)*. New Delhi.
25. Settar, S. 1992. *The Hoysala Temples (2Vol.)*. Dharwad.
26. Soundara Rajan, K.V. 1981. *Cave Temples of the Deccan*. New Delhi .
27. Srinivasan, K.R. 1971. *The Temples of South India*. New Delhi.
28. Srinivasan, K.R. 1973. *Cave Temple of the Pallavas*. New Delhi.
29. Tadgell, C. 1990. *The History of Architecture in India*. Phaidon Press Ltd.
30. Tomory E. 1989. *A History of Fine Arts in India and the West*. Madras.
31. Vatsyayan, K. 1991. *Concept of Space, Ancient and Modern*. New Delhi.

Master in Archaeology and Heritage Management (MAHM)

First Semester

**Paper Code: 88605
(Practical Code: 653)***

Title of the Paper : Heritage Tourism and Management - Concepts, Planning and Marketing

Unit I : General

- a: Introduction to Tourism and Heritage: meaning and significance
- b. Historical development of tourism
- c. Tourism framework and types of tourists
- d. The tourist industry and component of tourist industry : attractions, transports, accommodations, refreshments, shopping, entertainment's etc.

Unit II: Management of Tourism:

- a: Present state of Indian Tourism – Emerging trends in tourism
- b. New thrust areas
- c. Concept and function of Management - nature and significance of management, Managerial roles, responsibility, processes in organization.
- d. Evolution of Management theory, schools of management, behavioural approach, human relations approach.

Unit III: Organisational Behaviour

- a: Communication; process and types; Inter-personal skills, barriers of communications, Decision - making.
- b: Concept and features of organisations : Types of organisation, significance of organisation, organisational goals. Concept of organisational behaviour, Hawthorne experiment
- c: Behaviour and motivation - nature of human behaviour, Needs Hierarchy Theory, Hygiene theory, 'X' and 'Y' theory, 'Z' theory of Motivation. Job enlargement, job enrichment; motivational pattern in Indian organisations
- d: Theories of leadership - concept of leadership, leadership styles in Indian Organizations, organisation effectiveness, organisational climate

Unit IV: Conference and Convention Management

- a: Introduction to conventions, exhibition and meetings. Definition of conference and the components of the conference market. Introduction to convention venues
- b: The nature of conference markets, the demand for conference facilities. The growth and development of the industry. The economic and social significance of conventions. The impact of conventions on local and national communities
- c: Trade shows and exhibitions, principal purpose, types of shows, major participants, organisation and membership

Unit V: Tourism marketing and management :

- a: Tourism products : Why it is different from other types of consumer products ? Tourism - oriented products, resident - oriented products and background tourism elements. Different types of tourism products e.g. natural attractions - beach, hill resorts, wildlife sanctuaries and national parks, waterfalls and islands; cultural attractions, monuments, architecture, arts and handicrafts, music and dance forms, festivals, religious tourism.
- b: Marketing tourism - difference between tourism marketing and products and services, uniqueness of tourism marketing. Market surveys, research forecasting etc. and target market selection
- c: Introduction to tourism promotion and method; Advertising, travel brochure, films, sale promotions.
- d: Managing the marketing mix in heritage tourism - locating, pricing, role and use of specific intermediaries, selling tours

*** Practicals include Site Visit**

READING LIST

Paper Code: 88605 : Heritage Tourism & Management: Concepts, planning and Marketing

1. Tim Edensor : Tourist at Taj : Routledge 1998
2. Stephen Clift : Tourism and Health , Printer 1997
3. Myrah Shackley : Visitor Management Butterworth , 1998
4. A.K. Bhatia : International Tourism : Fundamentals and Practise. Sterling Pub. Pvt. Ltd. 1997
5. P. Kotler : Marketing Management Prentice Hall India . 1992
6. B.S. Moshal : Management Theory & Practise in India, Galgotia Pub. Com. 1998.
7. Philip. G. : Tourism Geography National Publishers, 1998
8. Donald. E Lundberg : The tourism Business, Van Nostrand Reinhold 1990
9. R. Burton : Tourist Geography, Longman 1998
10. Robert, J. Brym : International Tourism Sage 1995
11. Doughlas G.Pearce : Contemporary Issues in Tourism Development, Routledge 1999.
12. P.S. Gill : Dynamics of Tourism , Vol. I, II, III & IV, Anmol Pub. Pvt. Ltd. 1996
13. G.S. Batra : Tourism in the 21st Century, Anmol Pub. Ltd. 1996
14. Bijender, K. Punia : Tourism Management : Problem & Perspectives, Ashish Pub. House 1994
15. Tej Vir Singh : Tourism Environment : Nature, Culture & Economy, Inter Plan India 1991
16. K.K. Kamra : Tourism, Theory , Planning & Practise, Indus Pub. 1997
17. Eric Laws : Tourism Destination Management, Routledge 1995
18. Praveen Sethi : Tourism for the next millennium , Rajat Pub. House 1999
19. S.P. Tewari : Tourism Dimensions , Atmaram & Sons 1994
20. Anna Leask & Ian Yoeman : Heritage Visitor Attractions : An operations Management perspective, Cassel 1999.
21. Micheal C. Hall & Alan. A, Lew : Sustainable Tourism A Geographical Perspective, Addition Wesley Longman 1998
22. Chris Cooper : Tourism Principles & Practise, Addition Wesley Longmen 1998
23. Chris Holloway : Business of Tourism , Addition Wesley Longman.
24. Abram Simone : Tourists & Tourism , Berg, Oxford 1997
25. Francois Accher : Tourism : Transnational Corporations and Cultural identities Unesco 1985
26. V.T.C. Middleton : Marketing in Travel & Tourism , Heinemann 1998
27. Brian. G. Boniface & C.P. Cooper : Geography of Travel and Tourism, Heinemann 1987
28. CM Hall & S.J. Page : Geography of Tourism and Recreation , Routledge.
29. S.Wahab, & J.J. Pigram : Tourism Development & Growth. Routledge 1997

Master in Archaeology and Heritage Management (MAHM)

First Semester

**Paper Code: 88607
(Practical Code: 655)***

Title of the Paper : Heritage Museum and Management - Concept, Planning and Presentation

Unit I : Definition, Typology and Policies

- a. Definitions of Museums, Museology and Museography
- b. History of Museums International / National
- c. Theories of Museology
- d. Laws, Acts and Policies

Unit II : Type and function of museums

- a. Type of Museums : India and abroad
- b. Functions of a Museum
- c. Nature of Museum work i.e. - Professional Museum Organizations, Museum Associations and their work, Professional ethics
- d. Concepts of the new museums, modern museums - ECO - museums, neighbourhood museums, living museums etc. - museum development.

Unit III : Collection and Documentation

- a. Collections : Theories, policies, ethics of collection
- b. Modes of acquisition : field - gathering, purchase, gifts, loans, exchange, treasure, trove etc.
- c. Collection problems - forgeries, copies, replicas, export/import control
- d. Documentation process

Unit IV: Display and Exhibition

- a. Type of exhibitions
- b. Organization of exhibitions
- c. Planning
- d. Elements

Unit V : Preservation

- a. Ethics of conservation, preservation, principles of maintenance of collection.
- b. Environmental factors, aspects, material-organic/inorganic
- c. Emergency conservation - treatment and resources
- c. Relation between museums and conservation - awareness of outside facilities

*** Practicals include Museum Visit**

READING LIST

Paper Code: 88607: Heritage Museum Management Concept, Planning And Presentation

1. Alexander E.P. 1979 : *Museums in Motion : An Introduction to History and Function of Museums.* Nashville.
2. Alexander , E.P.(ed.) 1995 : *Museum Masters: Their Museums and their influence,* New Delhi
3. Ambrose, T. : *Museum Basics,* ICOM, Landon & NewYork.
& C. Paine, 1993
4. Belcher, M. 1991 : *Exhibition in Museums* Washington D.C.
5. Brawne, M. 1965. : *The New Museum : Architecture and Display.* New York.
6. Case, H. (ed.). 1988. : *Registrars on Record : Essays on Museum Collection Management.* Washington.
7. Davis, P. 1999 : *Ecomuseums ,* London
8. Dean, D, 1998 : *Museum Exhibition : Theory and Practice,* London & NewYork.
9. Edson, G. & D.Dean : *The Handbook for Museums,* London & NewYork
10. Fahy, A.(ed.) 1999 : *Collection Management ,* London & NewYork
11. Glaser, Jane R. & : *Museums : A Place to Work Planning Museum Careers,*
A.A.Zenetou, 2000 (re.) London & NewYork
12. Hooper-Greenhill, E (ed) 1999 : *The Educational Role of Museum,* London & NewYork
13. Kavanagh, G. (ed.) 1999 : *Museum Provision and Professionalism,* London & NewYork.
14. Keene, S. 1990. : *Managing Conservation.* London
15. Knell, S.(ed.) 2000 (re.): *Care of Collection,* London & NewYork.
16. Light, R.B., Roberts, D.A. & J.D. Steward (eds.) 1986. *Museum Documentation Systems : Developments and Applications.* London.
17. Lord, B. & 1983. : *Planning our Museums.* Ottawa.
Herd, G.D. (ed.).
18. Macdonold, S.(ed), 1999 : *The Politics of Display,* London & NewYork
19. Pearce, S.M. (ed.) 1989: *Museum Studies in Material Culture.* Leicester.
20. Pearce, S.M. 1990 : *Archaeological Curatorship.* Leicester.
21. Pearce, S. M.(ed.)1999 : *Interpreting Objects and Collections,* London & NewYork
22. Plenderleith, H.J. & : *The Conservation of Antiquities and Works of Arts*
Werner A.E.A. 1971 . London.
23. Punja, S. 1998, : *Museums of India,* Penguin, New Delhi.
24. Sarkar, H. 1981. : *Museums and Protection of Monuments and Aniquities in India.* New Delhi.
25. Singh, A. P. 1987. : *Conservation & Museum Techniques.* New Delhi.
26. Stollow, N. 1979. : *Conservation Standards for works of Art in Transit and on Exhibition.* Paris.
27. Stollow, N. 1987. : *Conservation and Exhibition : Packing, Transport, Storage and Environmental Consideration.* London.
28. Thompson, G. 1978. : *The Museum Environment.* London.
29. Thompson, J. 1984. : *Manual of Curatorship - A Guide to Museum Practice.* London.
30. Vergo, P. 1989 (ed). : *The New Museology.* London.
31. Woodhed, P & : *Museum Studies.* Mansell.
G. Stansfield, 1994

Master in Archaeology and Heritage Management (MAHM)

Second Semester

**Paper Code: 88602
(Practical Code: 652)***

Title of the Paper : Cultural Heritage of India

Unit I : Concepts of Cultural Heritage

- a. Social, Cultural and Religious Heritage
- b. Myths and Legends, Traditions
- c. Oral and Living
- d. Literary sources : Vedic and Archaeological

Unit II : Social Traditions

- a. *Varna, Jati, Ashrama,*
- b. *Karma, Rina, Purushartha Dana, Pataka, Prayaschitta*
- c. *Vrata, Upavasa, Tirtha, Tirtha –Yatras*
- d. *Samsakara; Position of women*

Unit III : Religion and Philosophy

- a. Vedic Traditions and six school of philosophy
- b. Jainism, Buddhism and Ajivikas
- c. Vaishnavism, Saivism, Saktism and Bhakti
- d. Islamic, Christian and Tribal belief systems

Unit IV : Evolution of Political Ideas

- a. Evolution of Polity : Formative Period
- b. Evolution of Polity : Crystallization of Precepts and ideas
- c. Laws and Legal Institutions
- d. Republic

Unit V : Educational and Scientific Developments

- a. *Gurukulas, and Agraharas*
- b. Important centers of learning
- c. Sciences ; Mathematics, Astronomy and Calendar
- d. Medicine, Surgery and Metallurgy

*** Practicals include Academic Tour**

Paper Code: 88602 : CULTURAL HERITAGE OF INDIA

1. Ainslie, T. Embree. 1991. *Sources of Indian Tradition. 2 Vols.* Penguin Books.
2. Aiyangar, K.V. Rangaswami. 1988. *Some Aspects of Ancient Indian Polity.* Patna.
3. Bandyopadhyaya, N.C. 1980. *Development of Hindu Polity and Political Theories.* Delhi.
4. Banerjee, B.N. 1979. *Hindu Culture, Custom and Ceremony .* Delhi .
5. Basham, A.L. 1989. *The Wonder that was India,* Delhi
6. Beni Prasad. 1974. *Theory of Government in Ancient India,* Allahabad.
7. Bhandarkar, D.R. 1988. *Some Aspects of Ancient Hindu Polity.* Patna
8. Bhattacharyya, N.N. 1996. *Indian Religious Historiography.* Delhi.
9. Chattapadhyaya, D.P. 1992. *Studies in Indian Culture 2 Vols.* Calcutta.
10. Choudhary, R. 1971. *Kautilya's Political Ideas and Institutions.* Varanasi.
11. Deo, S.B. and Kamath Suryanath, 1993. *The Aryan Problem.* Pune.
12. Desikachar, S V. 1993. *Caste, Religion and Country.* Delhi.
13. Frawley, David and Navaratna S. Rajaram, 1994. *Vedic Aryans and the Origin of Civilization,* Quebec.
14. Frawley, David 1997. *Hinduism.* Delhi.
15. Ghurye, G.S. 1962. *Family and Kin in Indo-European Culture,* Bombay.
16. Hillebrant, Alfred. 1990. *Vedic Mythology. 2 Vol,* Delhi.
17. Hutton, J.H. 1951. *Caste in India.* Oxford.
18. Jaiswal, Suvira. 1981. *The Origin and Development of Vaishnavism .* Delhi.
19. Kane, P.V. 1997. *History of Dharmashatras 5 Vols.* Pune.
20. Kangle, R.P. : 1997-98. *The Kautilya Arthashastra (3 Vols.)* Delhi.
21. Kosambi, D.D. 1975. *An Introduction to the Study of Indian History.* Bombay.
22. Kosambi, D.D. 1975. *The Culture and Civilization of Ancient India.* Delhi.
23. Kulke, Hermann (ed.) 1997. *The State in India.* Delhi .
24. Madan, T.N. 1997. *Religion in India (Social Anthropology)* Delhi.
25. Mandalbaum. *Caste in India : Change and Continuity,* Bombay.
26. Majumdar, R.C. 1994. *Ancient India.* Delhi .
27. Majumdar, R.C. 1996. *The Vedic Age.* Mumbai .
28. Maxmuller, F. 1994. *Vedic Hymns(2 Vols.).* Delhi .
29. Nath, Vijay 1987. *Dana: Gift System in Ancient India.* Delhi.
30. Pande, G.C. 1995. *Studies in the Origin of Buddhism.* Delhi.
31. Pande G.C. 1995. *Foundations of Indian Culture. 2 Vols.* Delhi.
32. Pandey, Rajbali. 1994. *Hindu Sanskaras.* Delhi.
33. Radhakrishnan, S. 1998. *The Principal Upanishads.* Delhi.
34. Radhakrishnan, S. 1998. *Indian Philosophy. 2 Vols.* Delhi.
35. Radhakrishnan, S. et. al. 1993. *The Culture Heritage of India (6 Vols.).* The R.K. Mission.
36. Stanley, Rice. 1993. *Hindu Customs and their Origins.* Delhi.
37. Roy, Kumkum. 1994. *The Emergence of Monarchy in North India.* Delhi.
38. Sastry Shama, R. 1967. *Evolution of Indian Polity.* Mysore
39. Sharma, R.N. 1995. *The Ashtadhyayi of Panini (Vols. 3).* Delhi.
40. Singh, Bhagwan. 1995. *The Vedic Harappans.* Delhi .
41. Singh, Chitrlekha 1999. *Hindu Festivals, Fairs and Fasts.* Delhi.
42. Subbarayappa, B.V. 1988. *Scientific Heritage of India.* Bangalore.
43. Thapar, Romila. 1984. *Ancient Indian Social History.* Hyderabad.
44. Walker, Benjamin. 1983. *Hindu World. 2 Vols.* Delhi.
45. Sri Aurobindo : *The Foundations of Indian Culture.* Pondichery 1959.

Master in Archaeology and Heritage Management (MAHM)

Second Semester

**Paper Code: 88604
(Practical Code: 654)***

Title of the Paper : Art of India

Unit - I : Beginning of Art in India

- a. Pre-Historic Rock Paintings
- b. Terracotta art of Harappan and Chalcolithic periods
- c. Terracotta art of Early first millennium B.C.
- d. Paintings and graffiti on proto historic pottery

Unit - II: Plastic Arts in India

- a. Beginnings of plastic art.
- b. Mauryan Sunga and Satavahana art
- c. The terracotta art of Kausambi Ahichchhatra, Mathura etc. upto Gupta period.
- d. Early Indian Bronzes

Unit - III : Evolution of Images

- a. Evolution of Buddhist, Jain and Brahmanical Images
- b. Art and Images on the coins
- c. Gandhara and Mathura art
- d. Sculptural art of Sanchi, Bharhut, Bodh Gaya, Amaravati, Khajuraho, Konark, Ajanta and Ellora-Mahabalipuram, Thanjavur and Halebid

Unit - IV: Iconography

- a. Buddhist Iconography
- b. Jain Iconography
- c. Saiva, Vaishnava and Sakta Iconography
- d. Minor and folk deities and their Iconography

Unit - V : Paintings in India

- a. Ajanta, Ellora Sittanavasal paintings, manuscript painting, techniques, material and media.
- b. Mughal paintings.
- c. Rajasthan and Hill schools of paintings.
- d. Paintings of Medieval Deccan and South India.

*** Practicals include Academic Tour**

READING LIST

PAPER CODE: 88604 : ART OF INDIA

1. Agarwala, V.S. 1995 (re) *Indian Art*, Varanasi.
2. Banerjea, J.N. 1956. *Development of Hindu Iconography*, Calcutta.
3. Beach, M.C. 1992. *Mughal & Rajput Paintings*. (University Press)Cambridge
4. Brown, Percy. *Indian Architecture*, Bombay.
5. Burton, T.R. 1994. *Hindu Art*. British Museum Press, London.
6. Bussagli, M. C. & Sivaramamurti, C. *5000 Years of Indian Art*.
7. Chakravarti J. 1980. *Techniques of Indian Mural Paintings* . Calcutta.
8. Coomaraswamy A.K. 1994. *Jain Art*. New Delhi.
9. Coomaraswamy, A.K. 1985, *Fundamentals of Indian Art*, New Delhi
10. Coomaraswamy, A.K. 1994 *The Transformation of Nature in Art*, New Delhi
11. Coomaraswamy, A.K. 1998, *Elements of Buddhist Iconography*, New Delhi.
12. Coomaraswamy, Anand K. 1999, *Introduction to Indian Art*, New Delhi.
13. Craven, Roy C. 1997, *Indian Art* (revised) London.
14. Ghosh A. 1996. *Ajanta Murals*. New Delhi.
15. Ghosh A. 1997. *Miniature Paintings and album* .New Delhi.
16. Gangoly, O.C. 1915, *South Indian Bronzes*, Calcutta.
17. Gupta S.P. 1980, *Roots of Indian Art*. New Delhi.
18. Harle J.C. 1990. *The Art and Architecture of India* . London.
19. Januazozak W. 1990. *Techniques of the World's Great Painters* . London.
20. Kar, C. 1952 *Indian Metal Sculpture*, London.
21. Kar, C. 1980 *Classical Indian Sculpture*, London.
22. Kramrisch Stella. *Art of India*; Kramrisch, S. 1993, *Indian Sculpture*, Calcutta.
23. Mookerjee A. 1998. *Ritual Art of India*. New Delhi.
24. Mukherjee R. 1959. *The Culture and Art of India*. New Delhi.
25. Neumayer, E. 1993. *Lines on Stone -The Prehistoric Art of India*. New Delhi.
26. Pal P. 1993. *Indian Paintings*, Ahmedabad.
27. Parimu Ratan et. al (eds.) 1991, *The Art of Ajanta* 2 Vols. New Delhi.
28. Rao, T.A. Gopinath 1997 (re.) *Elements of Hindu Iconography*, 2 Vols
New Delhi.
29. Ray N. 1973. *Idea and Image in Indian Art*. New Delhi.
30. Ray N.R. *Mauryan and Post Maurya Art*, New Delhi.
31. Saraswati, S.K. 1975, *A Survey of Indian Sculpture*, New Delhi.
32. Sivaramamurti C. 1996. *Indian Painting*. New Delhi.
33. Sivaramamurti, C. 1994 (re.), *South Indian Paintings*, New Delhi.
34. Sivaramamurti S, 1974, *The Art of India*, New York.
35. Smith V.A. *History of Fine Art in India & Ceylon*.
36. Soundara Rajan, K.V. 1980, *Art of South India*, Delhi.
37. Vatsyayan, Kapila. *The Square and Circle of Indian Art*. New Delhi.
38. Verma S.P. *Mughal painting*. New Delhi.

Master in Archaeology and Heritage Management (MAHM)

Second Semester

**Paper Code: 88606
(Practical Code: 656)***

Title of the Paper : Heritage Tourism and Management— Agencies Organizations and Impacts

Unit I: Organisation of Tourism

- a: International and national tourism organisations WTO/ IATA/PATA and TAAI, IATO, etc. Agencies / organizations and Ministries in India linked with tourism
- b: Strategy, missions and objectives for tourism organizations
- c: Role of travel agencies, tour operators, tour guides, interpreters guide lecture and their training
- d: Planning in Tourism, Approaches and Process for Tourism planning in destination areas, role of public and private sectors, product life cycle

Unit II: Tour Operator Units travel Agencies Tourism Regulation

- a: How to setup a travel agency : proprietorship, partnership, private ltd., Government. IATA rules and regulation, cost benefit break even analysis, sources of income-service charges etc.
- b: How to setup a tour operation unit : Government. rules and regulation, tourism bill rights : tourism codes, Manila Declaration
- c: International convention : The IATA general condition of carriage (passenger and baggage) Consumer protection law, 1986 and MRTTP act applicable to tourist as consumer
- d: Laws pertaining to a accommodations, Fire Safety, health safety etc. liability laws with respect to guests and their belonging

Unit III: Geography of Tourism :

- a: Importance of geography in tourism, natural and climatic regions of the world
- b: Major tourist attraction world -wide, recent trends in international tourist movement, (characteristic of Indian out bound travel)
- c: Tourist transport system - Airlines, surface (bus coach and car rental), railways, cruise ships and water transport.
- d: Aviator geography, IATA areas, sub-areas and basic planning itinerary. IATA 3-letter city and Airport Codes

Unit IV: Basic Fares and Ticketing

- a: ICAO, global indicator (EH, WH, AT, PA, AP, TS etc.)
- b: ABC familiarization airline schedule, passenger documentation/travel formalities (TIM)
- c: Familiarization of Air Tariff, introduction to fare construction, mileage principle, fare construction with extra mileage allowance (EMA) and extra mileage surcharge (EMS)
- d: Higher intermediates point (HIP), circle trip minimum (CTM), backhaul check, special fares, passenger ticket and baggage check (with issuance of ticket with itineraries - one way (OW), return (RT), circle trip (CT)

Unit V : Impact of Tourism

- a: Economic and environmental impacts
- b: Socio-cultural impact
- c: Managing impacts
- d: Concept of carrying capacity and sustainable /responsible Tourism.
Reference to case studies – Goa/Himalayas/Khajuraho /Jaisalmer.

*** Practicals include Academic Tour**

Reading List

Paper Code: 88606 : Heritage Tourism and Management— Agencies Organizations and Impacts

1. A.K. Bhatia : International Tourism, Sterling Pub. Pvt. Ltd., 1997
2. Chris Cooper : Tourism, Principles and Practice, Addition Wesley Longmen 1998
3. Pushpendra Singh Gill : Dynamics of Tourism, Anmol Pub. Pvt. Ltd., 1996
4. J. Christopher Hollowy : Business of Tourism, Addition Wesley Longman.
5. P.D. Lundberg : Tourist Business, Van Nostrand Reinhold 1990
6. S. Wahab : Tourism Development and Growth, Routledge 1997.
7. K.K. Sharma : Planning for Tourism, Indus Pub. 1997
8. S.P. Tiwari : Tourism Dimensions, Atmaram and Sons 1994
9. T.N. Chhabra : Principle, Practice and Management, Dhanpat Rai and Co. (P) Ltd., 2000
10. Dr. Manohar Sajnani : Indian Tourism Business – A Legal Perspectives, Gyan Pub. House 1999.
11. Ratandeep Singh : Infrastructure of Tourism in India, Kaniska Pub. 1996
12. B. K. Chakravarty : Hotel Management, APH Pub. Corporation 1999.
13. R. Thomas : Hospitality Industry- Tourism and Europe
14. S.S.Malik : Ethical, Legal and Regulatory Aspects of Tourism Business.
15. Praveen Seth : Tourism for the next millennium, Rajat Pub. House 1999
16. Anoop K. Kaushal : Consumer Protection Law, Universal Law Pub. Co. Pvt. Ltd., 1999
17. K.K. Sharma : Tourism and Travel Industry, Indus Pub. 1997
18. Darren Lee Ross : HRM in Tourism and Hospitality, Dhanpat Rai & Company 2000
19. ABC World Wide Airways guide (Red and Blue)
20. Air Tariff Book : World wide Rules , IT Fares etc.
21. Air Tariff Book : World wide maximum permitted mileage
22. Kemp and Pearson : Leisure and Tourism, Addison Wesley, Longman 1996
23. Lanfant and Bruner : International Tourism
24. Maridula & Narayan Dutt : Ecology and Tourism, Universal Pub. 1991
25. Tej Vir Singh : Tourism Environment, Inter Plan India 1991
26. Harish Chandra : Hill Tourism, Kaniska Pub. House 1998
27. Shalini Singh : Profiles of Indian Tourism, APH Pub. House 1996
28. Rajiv K. Sinha : Global Biodiversity, INA Shree Pub. Jaipur 1997
29. David A Fennell : Ecotourism – Routledge
30. C.M. Hall : Sustainable Tourism, Longman 1998
31. B.S. Badan : Impact of Tourism in South India, Commonwealth Pub. 1997
32. Jost Krippendorf : The Holiday Maker, Butterworth Heinemann 1987

Master in Archaeology and Heritage Management (MAHM)

Second Semester

**Paper Code: 88608
(Practical Code: 658)***

**Title of the Paper : Heritage Museum and Management - Public Relations,
Education, Research and Publication**

Unit I : Location information

- a. Museum, its surrounding and use of space design
- b. Building and layout according to type and function of the museums
- c. Equipments : environmental control etc.
- d. Display , storage office and security spaces

Unit II : Museum Administration

- a. Administrative framework
- b. Management policy and Museum Marketing
- c. Budget and financing - loans, funds, schemes
- d. Personnel, Security and Maintenance

Unit III : Storage, photography, modeling, packing for transportation

- a. Principles of storage
- b. Museum photography
- c. Museum modeling
- d. Packing for transportations

Unit IV : Education and Public Relations

- a. Educational and cultural responsibility of a museum
- b. Type of programmes and methods of education : for different age groups, extension programmes— in house and out reach activities
- c. Nature of public relations in a museum - membership, publications etc.
- d. Museum as a public facility - functions, types of facilities etc.

Unit V: Research and Publications

- a. Studies of collections
- b. Publications - academics, guidebook, catalogues, brochures, research publications, journals (news letters) etc.
- c. Press releases, mass media, T.V. and Video films, news stories, etc.
- d. Membership organizations for students, other organizations, agencies and friends of museums.

*** Practicals include Academic Tour**

READING LIST

Paper Code: 88608 : Heritage Museum And Management - Public Relations, Educations, Research and Publication

1. Adams,G.D.1983 : *Museum Public Relations* . Nashville.
2. Adam,T.R.1939 : *The Museum and Popular Culture*. New York
3. Baxi, S.J. & : *Modern Museum*, New Delhi
V.P.Dwivedi 1973
4. Bedekar, V.H, 1995 : *New Museology for India*, New Delhi
5. Bicknell, S. & : *Museum Visitor Studies in the 90s*, London.
G. Farmelo, 1993
6. Boylan, P.J (ed). 1992: *Museums 2000: Politics, People, Professionals and Profit*. London.
7. Caulton, T. 1999 (re.) : *Hands-on Exhibitions*, London & NewYork
8. Edson,G. & D.Dean,2000 : *The Handbook for Museums*, London & NewYork
9. Fahy, A, (ed.) 1999 : *Collections Management* , London & NewYork
10. Fopp, M.A, 1997 : *Managing Museums and Galleries*, London & NewYork
11. Hein, G.E.(ed) 2000 : *Learning in the Museum* , London & NewYork
12. Hooper- Greenhill, E.(ed). 1989:*Initiatives in Museum Education*. London.
13. Hooper-Greenhill.E.1992: *Museums and the Shaping of Knowledge*. London.
14. Bochi,A & : *The World's Heritage - The Museums's Responsibilities*,
Valence, S.de. 1981. ICOM.
- 15 Karp,& Kreamer, C.M.& Lavine, S.D.(ed). 1992. *Museum and communities:
The Politics & Public Culture*. Washington.
16. Liston,S. (ed.) 2000 (re): *Museum Security and Protection*, ICOM, London
17. Lord, G,D. & B.Lord (eds) 1999 : *The Manual of Museum Planning* (2edn.) London
18. McLean, F, 1997 : *Marketing the Museum*, London & New York
19. Macdonald, S & G.Fyfe, 1999 : *Theorizing Museums*, Oxford
20. Moffat, H. & V. Wollard, 1999 : *Museum & Gallery Education*, London
21. Moor, K. (ed) 2000 (re.) : *Museum Management*, London & NewYork
22. Neustupny, J. 1968 : *Museum and Research*. Prague.
23. Oliver, R.N. (ed). 1971: *Museums and the Environment. A hand book for
Education*. New York.
24. Orna, E.1987. : *Information Policies for Museums*. Cambridge.
25. Orna, E.& C.Pettitt, 1998: *Information Management in Museums*. Hampshire: Gower.
26. Stone, P. G. & : *The Presented Past: Heritage Museums and Education*,
B.L. Molyneaux, 1994 London & NewYork
27. Talboys, G. 1996. : *Using Museums as an Educational Resource* . Ashgate
Publishing Limited.
28. Thomson, G. 1986. : *The Museum Environment*.London.
Vanzoest, R (ed.) 1989 : *Generators of Culture: The Museum as a Stage*. Amsterdam.
29. Veal, F.R. 1983. : *Museum Public Relations*. Manscheste
30. Well, S.E. 1995 : *A Cabinet of Curiosities*, Washington & Landon
31. Woodhead, P&Stansfield, G. 1994. *Museum Studies*. Mansell.

Master in Archaeology and Heritage Management (MAHM)

Third Semester

Paper Code : 88701

Title of the Paper : Trade Routes and Cultural Interactions

Unit - I: Inland Trade of India and Trade Links with other Civilizations.

- a. Sources : literary, archaeological and raw materials, chemical composition vis-a-vis area of use
- b. Beginning of Commerce and Trade
- c. Modes of transportation and sarthavah
- d. Trade between Indus Civilization and contemporary civilizations

Unit - II : Trade Between India and Central Asia, China and Greco Roman

- a. Sources and chronology
- b. Silk route and trading stations
- c. Trading commodities and modes of exchange
- d. Social and Cultural Impacts

Unit - III: Trade Links With Sri Lanka and South East Asia

- a. Sources: literary and archaeological
- b. Routes of interaction and trade commodities
- c. Chronology and continuity of relationship
- d. Interaction : cross cultural currents

Unit IV : African and Arab Trade in India

- a. Sources and chronology
- b. Influence of monsoon on Arab and African trade and routes
- c. Trading Commodities
- d. Impact

Unit - V : European Trade

- a. Sources and Chronology
- b. Early European Township and their role in trade
- c. Policies and Strategies adopted by Traders
- d. Impact

READING LIST

Paper Code- 88701: Trade Routes and Cultural Interactions

1. S.R. Rao (ed) : *Marine Archaeology of Indian Ocean Countries*, Goa.
2. D.K. Chakrabarti : *The External Trade of the Indus Civilization*, New Delhi.
3. Raymond & Bridget Allchin: *Origin of Civilization*, New Delhi.
4. J. Hawkes : *The First great Civilization*, London.
5. W.H.Mcheill & J.W. Sedlay: *The Ancient Near East*, New Delhi.
6. M.K.Dhavalikar : *Cultural Imperialism- Indus Civilization in Western India*, New Delhi.
7. Seton Lloyd : *Archaeology of Mesopotamia*, London.
8. M.I.Finley : *Ancient Economy*, Penguin
9. H.B.Sakar : *Trade and Commercial Activities of Southern India in the Malayo- Indonesian world*, New Delhi.
10. J.Rizvi : *Trans Himalayan carvans*, Varanasi.
11. R.K. Mookherji : *Indian Shipping, A History of the Sea born trade and Maritime activity of India*, New Delhi.
12. R. Champaklakhmi : *Trade, Ideology and Urbanisation of South India, 300 B.C to AD 1300*, New Delhi.
13. P.C. Prasad : *Foreign trade & Commerce in Ancient India*, New Delhi.
14. R.N. Saletore : *Early Economic History*, New Delhi.
15. L. Gopal : *The Economic Life in Northern India*, Calcutta.
16. B. Chattopadhyay : *An Introduction to the Maritime History of India*, New Delhi.
17. Xinru-Liu : *Ancient India and Ancient China Trade & Religious Exchange*, New Delhi.
18. R.C.Majumdar : *Corporate Life in Ancient India*, Calcutta.
19. B. N. Puri : *India Under Kushans*, New Delhi.
20. F. Braudal : *A History of Civilization*, Penguin
21. Peter Mansfield : *The Arabs*, Penguin
22. D.P. Singhal : *India and the World Civilization*, New Delhi.
23. R.C. Majumdar (ed) : *The Age of Imperial Unity*, Bombay.
: *Classical Age of India*, Bombay.
: *The Age of Imperial Kanauj*, Bombay.
24. P.N.K. Bamzai : *Kashmir and Central Asia*, London.
25. K.M. Srivastava : *Angkor Wat and Cultural ties with India*, New Delhi.
26. R.C. Majudar : *Hindu Colonies in South East Asia*, Calcutta.
27. Eldeum, Goffman (ed): *The Ottoman city between East & West*, New Delhi.
28. M.S.Asimov : *History of Civilization of Central Asia*, Vols.I- IV, UNESCO.
C.E.Bosworth
29. Buddha Prakash : *India and the World*, New Delhi.
30. Nayanjot Lahiri : *The Archaeology of Indian Trade Routes upto c. 200 BC*, New Delhi.
31. H.P.Ray : *Seafaring Archaeology of Indian Ocean*, New Delhi.
32. Andre Wink : *AL-HIND: The Making of the Indo-Islamic World*, Vol I-II, New Delhi
33. R.K. Mookerji : *Hindu Civilization* : Bombay 1956.

Master in Archaeology and Heritage Management (MAHM)

Third Semester

**Paper Code : 88703
(Practical Code: 751)***

Title of the Paper : Archaeology Method and Theory

Unit I :

- a. Archaeology ? Aims and objectives
- b. History of archaeology in global and Indian context
- c. Basic concepts in archaeology - culture, diffusion, assemblage, artifacts, evolution, culture process, culture areas
- d. New Archaeology and its basic traits: Post Modern Archaeology

Unit II :

- a. Avenues of discoveries - physical surveys, maps, Aerial photographs, accidental discoveries and other methods
- b. Excavations - horizontal and vertical excavations
- c. Stratigraphy and recording
- d. Dating techniques—relative and absolute dating

Unit III :

- a. Ordering the archaeological data
- b. Models and paradigms in archaeology
- c. Settlement archaeology and spatial analysis
- d. Reconstruction of social, religious and economic life

Unit IV :

- a. The writing of archaeological reports
- b. State and central Government laws and regulations centering archaeological sites, monuments, antiquities etc.
- c. Salvage archaeology
- d. Resource management

Unit V : Archaeology — Analysis

- a. Identification of sites and mapping of sites
- b. Pottery drawing and analysis
- c. Tool drawing and analysis
- d. Interpretation of Data

*** Practicals include Academic Tour**

READING LIST

Paper Code- 88703 : Archaeology, Method and Theory

1. Murray, Tim : *Time and Archaeology*, NewYork , 1999.
2. Drewett, L.P : *Field Archaeology- An Introduction*, London,1999.
3. Wheeler, M. : *Archaeology from the Earth*, London, 1956.
4. Drennan D. R. : *Statistics for Archaeologist-A commonsence approach*,
NewYork, 1996.
5. Dorrell, G.P. : *Photography in Archaeology and Conservation*, London,
1994.
6. Chakrabarti, D.K. : *Theoretical Issues in Indian Archaeology*, New
Delhi,1988.
7. Barker, Philip : *Techniques of Archaeological Excavation*, NewYork, 1998.
8. Singh, Shivaji : *Models, Paradigms and the New Archaeology*,
Varanasi,1985.
9. Rao, S.R. : *New Frontiers of Archaeology*, Mumbai, 1994.
10. Don Brothwell & Eric Higgs : *Science in Archaeology*, London, 1969.
11. Sarma, I.K. : *Science of Archaeology in India*, Delhi, 2000.
13. Tilley, C. & Shanks, M. : *Re-Constructing Archaeology-Theory and Practice*,
London, 1992.
14. Renfrew, C. & Bahn, P. : *Archaeology – Theories Methods and Practice*, London, 1998.
15. Renfrew, C. : *Theory and Explanation in Archaeology*, London,1998.
16. Fagan, Brian. M : *Eyewitness to Discovery*, NewYork, 1996.
17. Deetz, J : *Invitation to Archaeology*, NewYork, 1967.
18. Daniel, Glyn : *The Origins and Growth of Archaeology*, London, 1967.
19. Hester, T.R. : *Field methods in Archaeology*, California, 1975.
20. Clarke, D.L. : *Analytical Archaeology*, London, 1978.

21. Courbin, Paul : *What is Archaeology*, London, 1988.
22. Adkins, Roy & Lesley: *An Introduction to Archaeology*, London, 1989.

Master in Archaeology and Heritage Management (MAHM)

Third Semester

**Paper Code : 88705
(Practical Code: 753)***

Title of the Paper : Prehistory and Human Evolution

Unit - I:

- a. Geological periods and archaeological cultures
- b. Evolution of life and Archeological Culture
- c. Geographical features and environment variable
- d. Environment in the past

Unit - II :

- a. Introduction to physical anthropology and evolution of humans
- b. Early phase - transition from Homonoid to Hominids
- c. Evolution of modern humans
- d. Beginning of Human Cultures in global context

Unit - III:

- a. Beginning of use of tools and tool making
- b. Lower and middle Paleolithic cultures of India
- c. Upper Paleolithic cultures of India
- d. Evolution of technology and changing pattern of economic and social life

Unit - IV :

- a. Transition from upper Paleolithic to Mesolithic technology
- b. Mesolithic cultures of India and its interaction with contemporary communities
- c. Pattern of technology, economic and social life
- d. Case study - (select sites) Bagor, Langhnaz, Bhimbetaka, Sarai Nahar Rai

Unit - V :

- a. Domestication of plants and animals and its consequences
- b. Distribution of Neolithic culture and the settled life in India
- c. Neolithic Material Culture and Technology
- d. Case studies, (Gufkral, Chirand, Hallur)

*** Practicals include Academic Tour**

READING LIST

Paper Code- 88705: Prehistory and Human Evolution

1. D.P. Agrawal : *Archaeology of India*, Academic Press, London, New Delhi, 1984.
2. D.P. Agrawal : *Radiocarbon and Indian Archaeology*, Tata Institute of
& A. Ghosh Foundational Research, Bombay, 1973.
3. D. P. Agrawal : *Man & Environment in India Through Ages*, New Delhi.
4. D.P. Agrawal : *Prehistoric Chronology and Radiocarbon Dating in India*
& S.Kusumgar New Delhi, 1974.
5. Bridget & : *The Rise of Civilization in India and Pakistan*, Cambridge World
Raymond Allchin Archaeology, New Delhi. 1983.
6. F.R. Allchin : *Neolithic Cattle-Keepers of South India*, Cambridge, 1963.
7. V. Gordon Childe : *What Happened in History*, Pelican Books, Harmondsworth, 1948.
8. V. Gordon Childe : *Man Makes Himself*, London, 1956.
9. V. Gordon Childe : *The Prehistory of European Society*, London, 1962.
10. J.D. Clark : *The Prehistory of Africa*, London, 1970.
11. J.G.D. Clark : *World Prehistory – A New Outline*, Cambridge University Press,
Cambridge.
12. H.D. Sankalia : *Stone Age Tools: Their Techniques, Names and Probable
Functions*, Deccan College, Poona, 1964.
13. H.D. Sankalia : *Some Aspects of Prehistoric Technology in India*, Indian
National Science Academy, New Delhi. 1970.
14. H. D. Sankalia : *Prehistory of India* Poona, 1977.
15. K.P.Ockley : *Man the tool Maker*, London.
16. V.N. Mishra & : *Prehistory of India and the Pacific*, New Delhi.
P. Bellwood (ed.)
17. D. N. Wadia : *Geology of India*, New Delhi.
18. R.L. Singh : *Geography of India*, Varanasi.
19. Mark Lambert : *Fossils*, London.
20. F. Clark Howell : *Early Man*, New Delhi.
21. V. V. Ershov : *Fundamentals of Geology-* 1998 Mir Publishers, Moscow.A. A.
Novikov & G. B. Popova
22. A. K. Sharma : *Prehistoric Delhi and its Neighbourhood – 1993*, Aryan Books,
New Delhi.

23. Vidula Jayaswal : *Palaeohistory of India*, Delhi. 1978.
24. R. V. Joshi : 'Acheulian Succession in Central India', Asian Perspectives, Vol. 8, 1964.
25. V. D. Krishnaswami : 'Stone Age India' Ancient India, No. 3 1974, 11-56
26. V.D. Krishnaswami : 'Progress in Prehistory' Ancient India No. 9, 1953, PP-79.
27. V. D. Krishnaswami : 'Neolithic Pattern of India, Ancient India No. 16, PP 25-64.
28. L.S.B. Leakey : *Adam's Ancesters*, London, 1953.
29. C. B.M. Mcburney : *The Stone Age of Northern Africa*, Harmondsworth, 1960.
30. D. C. Johanson : *Lucy : The beginning of Human Kins*, Penguin Series.
31. D. K. Bhattacharya : *Prehistory of Europe*, New Delhi.
32. Charles Darwin : *On the origins of Species* , London.

Master in Archaeology and Heritage Management (MAHM)

Third Semester

Paper Code : 88707

(Practical Code: 755)*

Title of the Paper: Epigraphy and Numismatics

Unit- I

- a. Salient features of ancient Epigraphs. Epigraphy as a source of history.
- b. Origin and Antiquity of Brahmi and Kharoshthi scripts.
- c. Harappan script – attempts of Decipherment
- d. Mauryan Brahmi and history of its Decipherment

Unit- II

- a. Asokan inscriptions – R. E. XII, R. E. XIII, and P. E. VII.
- b. Hathigumpha Inscription of Kharavela, Besnagar Garuda Pillar Inscription of Heliodorus; Junagarh Rock Inscription of Rudradaman I.
- c. Gupta inscriptions : Allahabad Pillar Inscription of Samundragupta ; Mehrauli Pillar Inscription of King Chandra; Bhitari Pillar Inscription of Skandagupta.
- d. Nasik Inscription of the time of Vasushtiputra Pulumavi, year 19; Aihole Inscription of Pulakesin II, Uttarmerur Inscription of Parantaka I.

Unit- III

- a. Coins as a source of history; origin and Antiquity of coins; Technique of manufacture of coins.
- b. Punch-marked coins
- c. Local coins- Kausambi and Panchala
- d. Tribal coins – Yaudheyas, Malavas and Kunindas

Unit – IV

- a. (i) Satavahana coins – salient features; restruck coins; portrait coins.
(ii) Western Kshatrapa coins – Salient features
- b. (i) Indo–Greek coins —salient features; joint coins, commemorative coins.
(ii) Kushana coins —Salient features; Deities on Kushana coins.
- c. Gupta coins – Salient features of following types –

- Chandragupta I : Kumaradevi–Chandragupta type
 - Samudragupta : Tiger slayer, Asvamedha and Lyrist types
 - Chandragupta II : Kach type and Lion-slayer and Chakravikram type
 - Kumargupta I : Karttikeya and Apratigha types
 - Salient features of Silver coins of the Guptas
- d. (i) Early medieval coins of north India- Salient features.
(ii) Early Medieval coins of South India – Salient features

Unit- V

- a. Practicals for identifying and deciphering coins.
- b. Practicals for stampage and deciphering inscriptions

*** Practicals include Coin Study and Deciphering Inscriptions**

Reading List

Paper Code- 88707 : Epigraphy and Numismatics

1. Ramesh, K.V. : *Indian Epigraphy, Sundeep Prakashan, New Delhi, 1984*
2. Rastogi, Naresh Pradesh: *Inscription of Asoka, Chowkhamba Sanskrit Series, 1990*
3. Sircar, D.C. : *Select Inscriptions Vol 1, V.K. Publishing House, 1993*
4. Sircar, D.C. : *Select Inscriptions Vol- II, Motilal Banarsidass, 1983*
5. Thaplyal K.K : *Inscription of the Maukharis later Guptas Pushpabhutis and Yasovarman Kanauj, Indian Council of Historical Research, 1985.*
6. Verma, T.P. : *Palaeography of Brahmi Script in North India*
7. Sircar, D.C. : *Indian Epigraphy, Motilal Banarsidass, 1966*
8. Gupta, S.P. : *Origin of Brahmi Script, D.K. Publication, 1979*
9. JhokLro]’khyk % *czkgehyfi dk mn~Hko vkSj fodkl] jkekuUn fo|kHkou]1998 Eastern Book House, Patna*
10. Hultzsch, E. : *Inscriptions of Asoka- Vol. 1, ASI, New Delhi, 1991*
11. Konow, Sten : *Kharoshthi Inscriptions, Vol, II, Part I, ASI, New Delhi, 1991*
12. Bhandarkar, D.R. : *Inscription of the Early Gupta Kings, Vol. III. ASI, New Delhi, 1981*
13. Thaplyal , K.K : *Studies in Ancient Indian Seals, Akhil Bhartiya Sanskrit Parishad, 1972*
14. Gupta, P.L. : *Ancient Indian Silver Punchmarked coins of the Magadha- Maurya Karshapana Series, Indian Institute of Research in Numismatic Studies, 1985*
15. Alterkar, A.S. : *The coinage of the Gupta Empire, Numismatic society of India, Banaras Hindu University, 1957*

16. Allan, J. : *A Catalogue of the Indian coins in the British Museum – Coins of Ancient India*, Eastern Book House, Patna, 1989.
17. Chattopadhyaya, Brajadalal : *Coins and Currency System in South India*, Munshiram Manoharlal, 1977
18. Cunningham, A. : *Coins of Ancient Indian from the Earliest Times Down to the Seventh Century A.D*, Asian Educational Series, 1990
19. Gardner, P. : *A Catalogue of the Indian Coins in the British Museum- Coins of the Greek And Scythian King of Bactria and India*, Eastern Book House, Patna, 1989
20. Goyal, S.R. : *The Coinage of Ancient India*, Kusumanjali Prakash, Jodhpur, 1995
21. Narain, A.K. : *Seminar Paper on the Chronology of the punch marked coins, Department of Ancient Indian History, Culture & Archaeology*, Banaras Hindu University, 1966
22. Sarasvati, S.P. : *Coinage in Ancient India*, Vol. I, II, Vijay Kumar Govindram, 1990.
23. Shastri, A.M. : *Coins and Early Indian Economy*, Numismatic Society of India, 1976
24. Verma, T.P. : *A catalogue of the Greek and Indo-Greek coins in the Department*, Dept. of Ancient India History, 1983
25. Thaplyal, K.K. : *Coins of Ancient India*, Bharat Book Centre, Lucknow, 1998.

Master in Archaeology and Heritage Management (MAHM)

Fourth Semester

Paper Code : 88702

(Practical Code: 752)*

Title of the Paper : Protohistoric Cultures and Vedic Age

Unit - I :

- a. Beginning of use metal and Pre-Harappan Bronze Age Culture
- b. Harappan civilization, its origin, spread and date
- c. Mature phase of Harappan civilization: architecture, economy and technology
- d. Mature phase of Harappan civilization : Art, religion writing and social systems

Unit - II :

- a. Decline of Harappan civilization
- b. Characteristic feature of the late Harappan cultures

- c. Regional cultures Central India and Deccan - Malwa, Jorwe, Kaytha
- d. OCP and Copper Hoards

Unit - III

- a. Indo-European/Indo-Aryan languages
- b. The Aryan Hypothesis and the Archaeology
- c. Early Vedic Aryans Vedic geography and the archaeological settlements
- d. Material culture of Early Vedic people and the archaeology

Unit - IV

- a. Beginning of the use of iron and the Painted Grey Ware culture
- b. Black and Red Ware cultures
- c. Cultural sequence in Ganga plain
- d. Archaeological Cultures of North-Eastern India

Unit - V

- a. Later Vedic Age sources: Brahmanas, Upnishads, Aranyakas
- b. Geography and people of Later Vedic age and archeological cultures
- c. Technology, economy and agriculture: archaeology and literature
- d. Emergence of complexity in Society: archaeology and literature

*** Practicals include Site Visit**

READING LIST

Paper Code- 88702 : Protohistoric Cultures and Vedic Age

1. D. P. Agrawal : *The Copper Bronze Age in India*, Delhi, 1971.
2. D.P. Agrawal : *The Archaeology of India*, London, Academic Press, 1984.
3. D. P. Agrawal : *Prehistoric Chronology and Radiocarbon Dating in India*, New Delhi, 1974.
4. D. P. Agrawal : *Essays in Indian Protohistory*, Delhi, 1979.
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5. Bridget & Raymond Allchin : *The Rise of Civilization in India and Pakistan*, Cambridge University Press, London Cambridge World Archaeology, (Indian edition published) by Select book Service Syndicate, New Delhi, 1983).
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11. D. H. Gordon : *The Prehistoric Background of Indian Culture,* Bombay,
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12. B. B. Lal : 'Protohistoric Investigation', *Ancient India, No. 9,* 1952, PP. 116-
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13. B. B. Lal : *The Earliest Civilization of South Asia,* New Delhi.
14. B.K. Tapar : *Recent Archaeological discoveries in India,* New Delhi.
15. H. D. Sankalia : *Prehistory and protohistory of India and Pakistan,*
Poona,
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and Hudson, 1966.
19. Sir Mortimer Wheeler: *The Indus Civilization,* Cambridge, 1968.
20. S. P. Gupta : *Archaeology of Soviet Central Asia and India Boarder Land,* New
Delhi.
21. S. P. Gupta : *Indus-Saraswati Civilization-Origins, Problems &*
issues,
Pralibha Prakashan.
22. M. K. Dhevalikar : *Indian Protohistory,* New Delhi.
23. Makkhal Lal : *Settlement History and Rise of Civilization in Ganga-Yamuna* New
Delhi.,
24. Bhagwan Singh : *Vedic Harappans,* New Delhi.
25. B. B. Lal : *New Light on the Indus Civilization,* New Delhi.
26. Raymond & Bridget Allchin: *Origins of a Civilization ,* Pub. – Viking Penguin India.
27. Peter Hall : *Cities in Civilization,* Pub. Weidenfeld & Nicolson,
London.
28. David Rohl : *Legend the Genesis of Civilization,* Pub. Century, U.K.
29. S. C. Malik : *Indian Civilization,* Pub. Indian Institute of Advance Study,
Simla.
30. Dilip K. Chakrabarti : *The External Trade of the Indus Civilization,* New
Delhi.
31. A. H. Dami : *Prehistory & Protohistory of Eastern India,* New Delhi.
32. B.B.Lal : *The Saraswati Flows on : The continuity of Indian*
Culture,
New Delhi.

33. Edwin Bryant : *The Quest for the Origins of Vedic Culture*, New Delhi-2002
34. Willem Halbfas : *India and Europe*.

Master in Archaeology and Heritage Management (MAHM)

Fourth Semester

Paper Code : 88704

Title of the Paper : Historical Archaeology

Unit I : Introduction, Scope and Concepts

- a. Historical archaeology- definition and characteristic features
- b. History and archaeology
- c. Historical archaeology of India
- d. Historical Geography of India

Unit II : Urbanization

- a. Emergence of cities in the Gangetic Plain
- b. Causes and consequences of urbanism
- c. Urban planning and life
- d. Case studies - Taxila, Kausambi, Pataliputra, Ahichchhatra Rajgir

Unit III : Non-Urban Societies

- a. Non-urban and agro- pastoral societies
- b. Megalithic cultures
- c. Typology and distribution of megaliths in India
- d. Economy and society of megalithic people

Unit IV : Further Urbanization

- a. Kushana urbanism and its characteristics
- b. The Gupta-Vakataka urban economy and society
- c. The issue of urban decay and rise of Feudalism
- d. Case studies - Mathura, Sishupalgarh, Taxila.

Unit V : Medieval Urban sites

- a. The Medieval Archaeology in India —Sites and Monuments
- b. Pre-Mughal Phase
- c. Mughal Phase
- c. Case studies - Daulatabad, Delhi, Hampi, Fatehpur Sikri

READING LIST

Paper Code- 88704 : Historical Archaeology

1. M.K. Dhavalikar : *Historical Archaeology of India*, New Delhi.
2. Stanley South (ed) : *Pioneers in Historical Archaeology*, New York.
3. Amita Ray : *Historical Archaeology of India*, New Delhi.
4. Stanley South (ed) : *Research Strategies in Historical Archaeology*, New Delhi.
5. A. Gosh (ed.) : *An encyclopedia of India Archaeology* (Vol. I& II), New Delhi.
6. Deborah L. Nichols : *The Archaeology of city states cross cultural Approaches*,
Thomas H. Charton (ed) Washington.
7. G.R.Sharma : *The Excavation at Kausambi*, Allahabad.
8. A.K. Narain : *Excavations at Rajghat Part I & II*, Varanasi.
9. Gavin Hambly & Wim Swaan : *Cities in Mughal India*, London.
10. Dilip K. Chakrabarti : *The Archaeology of Ancient Indian Cities*, New Delhi.
11. R.S. Sharma : *Indian Feudalism*, New Delhi.
12. R.S. Sharma : *Urban Decay*, New Delhi.
13. H.D. Sankalia : *Prehistoric & Historical Archaeology of Gujrat*, New Delhi.
14. A. V.Suraweera : *Thus the city was Built*, Colombo.
15. Makkhan Lal : *Settlement history and Rise of Civilization in Ganga
Yamuna Doab from 1500 B.C. 300 A.D.*, New Delhi.
16. R.C. Majumdar (ed) : *The Age of Imperial Unity*, Bombay.
17. R.C. Majumdar (ed) : *The Classical Age of India*, Bombay.
18. A Gosh : *The city in Early Historical India*,New Delhi.
19. N. P. Joshi : *Life in Ancient Uttarapatha*, Varanasi.
20. A. Ghosh : *Taxila (Serkap- 1944-45) Ancient India*, New Delhi.
21. A . Ghosh : *Rajgir 1950 Ancient India No.-7*, New Delhi.
22. N. N. Ghosh : *Early History of Kausambi*, Allahabad.
23. B. B. Lal : *Sisupalgarh 1948, Ancient India No. – 5*, New Delhi.
24. B. N. Puri : *Cities in Ancient India*, New Delhi.
25. S. Settar : *Hampi a Medieval Metropolis*,Banglore.
26. G. Michell (ed) : *Splendours of the Vijaynagar Empire – Hampi*
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28. Sir J. Marshall : *Excavation at Taxila – The Stupa & Monestaries*, New Delhi.
29. S.M. Chenoy : *Shahjahanabad A city of Delhi*, New Delhi.
30. H. K. Kaul : *Historic Delhi- An Anthology*, New Delhi.
31. Altekar, A. S & V. K. Misra: *Report on the Kumrahar Excavation 1951-55-1959*, Patna.
32. R.N. Mehta : *Medieval Archaeology*, New Delhi.
33. Harbans Mukhia & T.J.Byres: *Feudalism & Non European Societies*, New Delhi.
34. F. Genshoff : *Feudalism*, London.
35. D.E.Dumond : *History and Archaeology*
36. Andre Wink : *AL-HIND: The Making of Indo- Islamic World*, Vol. I – II,
New Delhi.
37. J.S. Deyell : *Living without Silver*, New Delhi
38. B.D. Chattopadhyaya : *The Making of Early Medieval India*, New Delhi.

Master in Archaeology and Heritage Management (MAHM)

Fourth Semester

Paper Code : 88706

(Practical Code: 754)*

Title of the Paper : Public Awareness/ Conservation of Archaeological sites

Unit - I : Interpretation

- a. Levels of meanings - the functionalist, Structuralist Approaches and Semiotic Analysis
- b. Collective interpretation methods
- c. The interpretation brief
- d. Target audience - identifying user needs

Unit - II : Communication modes and tools

- a. Introduction to mass media including popular and traditions
- b. Audio/Video print The written word
- c. Information technology and the World Wide Web, Multi media and computer reconstructions
- d. Preparation of comprehensive communication strategy, project, management plans and materials

Unit - III : Public Awareness and Agencies

- a. Agencies : Govt. and Non-Government Organizations, National and International Agencies
- b. Awareness about heritage, non-formal education, exhibitions, publications
- c. Local community involvement
- d. Role of individuals and professionals

Unit -IV: Documentation

- a. Documentation and preparation of history charts.
- b. Field conservation and handling of material.
- c. Spot conservation/ emergency conservation
- d. Site laboratory.

Unit-V: Conservation

- a. Conservation of mud, earthen and brick structures.

- b. Conservation of stone objects.
- c. Conservation of pottery and materials of clay.
- d. Conservation of metals, bones and other artifacts.

*** Practicals include Site Visit**

READING LIST

Paper Code- 88706 : Public Awareness/ Conservation of Archaeological sites

1. Macdonald, Sharon : The Politics of Display: Museums Science, Culture, London 1999.
2. Karp, Ivan : Exhibiting Culture: The Poetics and Politics of Museum Display, Washington, D.C 1991.
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8. Hooper, Eilean : The Education Role of the Museum, London, 1999.
9. Stone, Peter, G : Presented Past: Heritage, Museum and education , London 1994
10. Pearce, Susan, M. : Experiencing Material Culture in Western World, Leicester, London, 1997
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12. Hein, George E : Learning in the Museum, London 2000
13. Dean, David : Museum Exhibition : Theory and Practice, London 1996
14. Hooper, Eilean : Museum , Media, Message, London 1999
15. Thomson, Gargh, : Museum, Environment, London, 1997
16. Orna , Eligzbeth : Information Management in Museum, Gower, U.S.A, 1998
17. Pearce, Susan M : Archaeological Curatorship, Leicester, London, 1996
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20. Walsh, Kevin : The Representation of the past : Museum and heritage in the post modern world, London 1997
21. Thomas, Rhodri : The Hospitality Industry, Tourism and Europe: Perspective on Policies, London, 1996
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23. Inkpen, Gary : Information Technology for Travel and Tourism, London 1998
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26. Pearce, Douglas, G. : Contemporary Issues in Tourism Development, London, 1999
27. Tribe, John : Environmental Management for Rural Tourism and Recreation

- London 2000
28. Toner, J.P : Leisure and Ancient Rome, London 1998
29. Shackley, Myra : Visitor Management : Case study from World Heritage Sites
Butterworth, Oxford 1998
30. Lee Ross Darren : HRM in Tourism & Hospitality: International Perspectives
on
small to medium sized Enterprises, London 1999
31. Hall, C.Micahel : Sustainable Tourism : A Geographical Perspective, London 1998
32. Clift, Stephen : Tourism and Health : Risks, Research and Responses,
London 1997
33. Sethi Praveen : Tourism for the New Millennium, New Delhi 1999
34. Aylin Orbasli : Tourism in Historic towns (Urban Conservation &
Heritage
Management) London 2000

M Master in Conservation, Preservation and Heritage Management (MAHM)

Fourth Semester

Paper Code : 89708

Title of the Paper : Dissertation/Report Writing

Student, research work

- Unit – I : Research basis, need justification
- Unit - II : Synopsis development, aim, objectives, scope of research etc.
- Unit - III : Prefinal presentations/seminars etc.
- Unit – IV : Final Presentation