



St. Xavier's College – Autonomous

Mumbai

Syllabus

For 10th Semester Course in Ancient
Indian Culture and Archaeology

(June 2018 onwards)

Contents:

AAIC1001: Museology and Preventive conservation of Sites and Collection. (Core Paper)

AAIC1002: A Study of the Cultural History of World Civilization. (Core Paper)

AAIC1003: Research Methodology in Ancient Indian history culture and Archaeology. (Core Paper)

AAIC1004: Studies in Pali Literature and language. (Elective Paper)

AAIC1005: Remedial Conservation of Tangible Heritage. (Elective Paper)

M A Part II SYLLABUS UNDER AUTONOMY

ANCIENT INDIAN CULTURE AND ARCHAEOLOGY

Semester X

CORE PAPER:AAIC1001

Museology and Preventive Conservation of Sites and Collections

(60 LECTURES)

LEARNING OBJECTIVE:

1. Creating awareness about the importance of museum studies.
2. Understanding the various functions and scope of the museum for the preservation and conservation of cultural heritage.
3. Understanding relation between museum and society.
4. Understanding Museum communications through exhibitions
5. Acquaintance with the methods of conservation and protection of monuments and Sites

Unit I: Collection, Documentation and Research

(15 lecs.)

1. Aims, methods and ethics of collection
2. Documentation; Identification, classification, accessioning, cataloguing, indexing, data processing, information retrieval, computerization, insurance of museum objects, photographic record of museum collection
3. Principles of classification and methods of identification of museum materials; terminology for describing museum objects.
4. Research in museums, examples of museum contribution to research, research facilities.

UNIT II: Museum Administration

(15 lecs.)

1. Museum and their administrative control; Staff and their duties
2. Museum finance and General maintenance
3. Museum and Public Relations: Visitors and their comforts
4. Supervision and security.
5. Storage, Mounting Display and Exhibition

Unit III: Provisions for Heritage Conservation in India

(15 lecs.)

1. Ancient Antiquarian norms
2. Modern Antiquarian Laws. (1878-2010)
3. UNESCO Conventions

Unit IV: Process of conservation of excavated sites and structures.

(15lecs.)

1. Preventive Measures
2. Documentation
3. Dismantling and Stack yard
4. Restoration

UNIT V: Eco-Museology.

(15 lecs.)

1. Definition and Concepts
2. Development of eco-museums.
3. Scope for eco-museums in India.

CIA: Test/ Assignment

Field Visits are Compulsory

Bibliography:

1. **Pockard Robert**, Policy of Law in Heritage Conservation, E. and F.N. Spoon.
2. **Kernal Balsar**, The Concept of the Common Heritage of Mankind, Vol. 30 Martinus Nijhoff.
3. **Price Nicholas Stanly (Ed)**, Historical and Philosophical Issues in Conservation of Cultural Heritage, Getty Education in Arts.
4. **Harrison Richard (Ed)**, Manual of Heritage Management, Butterworth Heineman.
5. **Croci Giorge**, Conservation and Structural Restoration of Architectural Heritage, Computational Mechanics.
6. UNESCO and its programmes, protection of Mankind's Cultural Heritage sites and monuments, UNESCO, 1970.

7. **Agarwal Rajesh K. And Nangia Sudesh**, Economic and Employment potential of archaeological monuments in India, Birla Institute of Scientific Research, New Delhi, 1974.
8. **Biswas Sachindra Sekhar**, Protecting Cultural Heritage, National Legislation and International Conventions, Arya Book International, New Delhi, 1999
9. **Nagar S. L.**, Protection, Conservation and Preservation of India's monuments, Aryan Books International, New Delhi, 1998
10. **Ghosh A.**, Fifty Years of Archaeological Survey of India, Ancient India, 1953.
11. **UNESCO** and its programmes, protection of Mankind's Cultural Heritage sites and monuments, UNESCO, 1970

M A Part II SYLLABUS UNDER AUTONOMY

ANCIENT INDIAN CULTURE AND ARCHAEOLOGY

Semester X

CORE PAPER:AAIC1002

A STUDY OF THE CULTURAL HISTORY OF WORLD CIVILIZATION

(60 LECTURES)

LEARNING OBJECTIVE:

1. This is a paper dealing with the cultural development of various river valley civilizations all over the world excluding India.
2. This paper will help in understanding information on war and conflict, religion, art, society and technology, politics and economic history and will help in understanding the spread of related features.
3. This paper will include the study of some of the monuments in the various sites and have been awarded the title of UNESCO heritage sites.
4. This study will enable to make a comparative study of the Indian culture with world civilization.
5. This study will also help in promoting World Tourism and Heritage and its conservation.

UNIT I : Peopling the Earth & A Chronological Survey of the Cultures of West

Asia

(12 lecs.)

1. Concept and approaches to Culture & Civilization and its development since early times
2. Peopling the Earth & Agricultural Transitions (Catal Hoyuk & Jericho)
3. Facets of Cultures of West Asia:-
 - a. Political contribution
 - b. Socio-Cultural Contributions
 - c. Interaction with India & impact on the world

UNIT II: A Chronological Survey of the Cultures of Africa

(12 lecs.)

1. Facets of Cultures of Africa:-
 - a. Political contribution
 - b. Socio-Cultural Contributions
 - c. Interaction with India & impact on the world

UNIT III: A Chronological Survey of the Mediterranean Cultures (12 lecs.)

1. Facets of Cultures of Africa:-
 - a. Political contribution
 - b. Socio-Cultural Contributions
 - c. Interaction with India & impact on the world

UNIT IV: A Chronological Survey of the Cultures of the Americas (12 lecs.)

1. Facets of Cultures of the Americas:-
 - a. Political contribution
 - b. Socio-Cultural Contributions
 - c. Impact in modern times

UNIT V: : A Chronological Survey of the Cultures of East Asia and Australia

(12 lecs.)

2. Facets of Cultures of the Americas:-
 - d. Political contribution
 - e. Socio-Cultural Contributions
 - f. Interaction with India & Impact in modern times

CIA: Test/ Assignment

Bibliography:

1. Amiet, Pierre, 1980, Art of the Ancient Near East, New York, Abrams.

10th Semester Syllabus for Core and Optional papers offered at Post- Graduation in Ancient Indian Culture and Archaeology, St. Xavier's College (Autonomous), Mumbai.

2. Bottero, Morris, 1992, Mesopotamia: Writing, Reasoning, and the Gods ,Chicago ,Univ. of Chicago Press.
3. Ackerman, Phyllis, 1945, Ritual Bronzes of Ancient China, New York, Dryden.
4. Akurgal, Ekrem, 1968, The Art of Greece: Its Origin in the Mediterranean and the Near East, New York, Crown.
5. Errington , Elizabeth, and Cribb Joe, 1992, The Crossroads of Asia: Transformation in the Image and Symbol in the Art of Ancient Afghanistan and Pakistan, Cambridge, Eng: Ancient Indian and Iran Trust.
6. Faylknerr Raymond O. ,Trans., 1994 ,Egyptian Book of the Dead: The Book of Going Forth by Day: Being the Papyrus of Ani,San Francisco Chronicle.
7. Davies Nigel and Hammond Norman, 2000,Empires Of Early Latin America: The Maya , The Aztecs , The Incas,Folio Society.
8. Hagen Victor Wolfgang Von, 1961,The Ancient Sun Kingdoms of the Americas. Aztec, Maya, and Inca.. World Publishing Company, Cleveland, Ohio.
9. Martin, Roland, 1988, Greek Architecture: Architecture of Crete ,Greece and the Greek World .History of World Architecture, New York ,Electa/Rizzoli.
10. Piggot, Stuart(Editor),1961,The Dawn of Civilization :The First World Survey of Human Culture in Early Times ,Thames and Hudson Limited ,London
11. Porada, Edith, 1965, The Art of Ancient Iran: Pre Islamic Cultures, Art of the World, New York, Crown.
12. Saggs O.R., Gardiner H.W.F, Cook Alan, Gurney J.M.,1999,Empires of the Ancient Near East: The Hittites; The Babylonians; The Egyptians; The Persians, Folio Society
13. Woolley,Leonard,1961,The Art of the Middle East including Persia ,Mesopotamia and Palestine ,New York ,Crown.

M A Part II SYLLABUS UNDER AUTONOMY

ANCIENT INDIAN CULTURE AND ARCHAEOLOGY

Semester X

CORE PAPER:AAIC1003

Research Methodology in Ancient Indian History, Culture and Archaeology

(45 Lectures)

LEARNING OBJECTIVE: This paper will help the student in the collection and usage of historical evidences and analysis of data interpretation and introduce them to research methodology.

Unit I:- Introduction to Research methodology and Historical Sources (15 lecs)

1. Approaches to the study of Ancient Indian History , Culture and Archaeology(
2. Ideological Schools of Ancient Indian History and Culture (Colonial, Nationalist and Marxist ,Post – Modern Paradigm Shift)
3. Heuristics
4. Hermeneutics

Unit II:-Types of Sources (10 lecs)

1. Primary Sources (Epigraphical , Numismatics, Linguistic and Archaeological)
2. Oral Sources
3. Secondary Sources

Unit III: Understanding Sources (10 lecs)

1. Credibility and Authenticity of Sources
2. Formulation and qualities of Hypothesis
3. Analysis and Criticism of Data Interpretation

4. Objectivity and Biases in History Writing

Unit IV:-Presentation of Data and Thesis /Proposal Writing

(10 lecs)

- a. Editing
- b. Bibliography
- c. Footnotes
- d. Index
- e. Plates/Figures /Appendices

Dissertation

1. A student may opt for writing a Dissertation in lieu of one of the papers for semester IV.
2. The dissertation application form shall be submitted by the student within 30 days of the commencement of teaching for semester III.
3. The application shall be submitted alongwith necessary dissertation fee (non-refundable), alongwith a detailed synopsis of his research and concurrence of the research guide. He will be permitted to proceed with the dissertation only after it is approved by the Departmental Committee.
4. The synopsis shall be signed by the student and the research guide and shall consist of:
 - a) Current status of knowledge of the topic of research;
 - b) Aims of proposed research and methodology to be adopted;
 - c) Nature of data to be collected;
 - d) Proposed method of analysis of data;
 - e) Expected contribution to the knowledge of the subject; and
 - f) A detailed bibliography of the literature on the topic selected.
5. Every student, who offers dissertation, shall work under the supervision of a regular teaching faculty member of the Institute. The topic of the dissertation and the supervisor shall be chosen by the student in consultation with the Departmental Committee. If a candidate's proposed work is of an interdisciplinary nature, one more internal supervisor from the related discipline may be appointed.
6. A student shall complete his dissertation on the topic and under the supervision of a guide approved by the Departmental Committee. He shall not be permitted to change the topic and/or guide once approved by the Departmental Committee.
7. One copy of the dissertation to be submitted to the Academic Section. The cover of the dissertation shall mention the topic of the dissertation and shall contain the following matter:
8. The cover of the dissertation shall mention the topic of the dissertation and shall contain the following matter:

**"Dissertation submitted to St. Xavier's College(Autonomous)
in partial fulfillment of the Degree
of Master of Arts".**

9. The student shall prepare two copies of the dissertation. He shall submit one copy of the dissertation to the Academic Section and shall retain the second copy with himself to be submitted, only if required later on by the Academic Section.

10. The dissertation shall have the following certificate from the research guide:

CERTIFICATE

CERTIFIED that the work incorporated in this thesis (entitled) submitted by Shri/Smt. (signed hereunder) was carried out by the student under my supervision.

Such material as has been obtained from other sources has been duly acknowledged in the dissertation.

(Sign. of the student) (Sign. of research guide)

11. Revaluation of the dissertation shall be done only when a student gets 40 and above marks.

12. A student who fails to get the minimum required marks (i.e. 40) shall revise and resubmit it for evaluation as per the comments of the examiner. Revised dissertation shall be submitted for evaluation at any semester-end examination.

13. The dissertation shall be submitted to the Academic Section. It shall be submitted not later than 30th April of the year in which the student takes admission to semester IV.

Bibliography

1. Binford, L.R. 1983. *Working at Archaeology*. New York: Academic Press.
2. Cohen, M.R. and E. Nagel. 1976. *An Introduction to Logic and Scientific Method*. Bombay: Allied Publishers.
3. Gellner, E. 1985. *Relativism and Social Sciences*. Cambridge: Cambridge University Press.
4. Goode, W.J. and P.K. Hatt. 1952. *Methods in Social Research*. Tokyo: Mcgraw-Hill Student Edition.
5. Kelley, J.H. and M.P. Hanen 1990. *Archaeology and the Methodology of Science*. Albuquerque: University of New Mexico Press.
6. Hodder, Ian. 1992. *Theory and Practice in Archaeology*. London: Routledge.
7. Kumar Ranjit. 2014. *Research Methodology – A step bu step guide for Beginers*,4th Ed,Sage Publications.
8. Paddayya, K. 1989. The Role of Hypothesis and Traditional Archaeology. *Bulletin of the Deccan College Research Institute* 47-48: 239-247.

9. Paddayya, K. 2002. A Review of Theoretical Perspectives in Indian Archaeology, in S. Settar and R. Korisetar (ed.) *Indian Archaeology in Retrospect*, Vol.IV, pp.117-157. New Delhi: ICHR and Manohar.
10. Pinsky, V. and A. Wylie (ed). 1989. *Critical Traditions in Contemporary Archaeology*. Cambridge: Cambridge University Press.
11. Preucel, R. (ed). 1991. *Processual and Postprocessual Archaeologies: Multiple Ways of Knowing the Past*. Carbondale (Illinois): Southern Illinois University Press.
12. Preycel. R.W. and I. Hodder (eds.). 1996. *Contemporary Archaeology in Theory: A Reader*. Blackwell Publishers.
13. Rosenau, P.M. 1992. *Post-modernism and the Social Sciences*. Princeton: Princeton University Press.

M A Part II SYLLABUS UNDER AUTONOMY

ANCIENT INDIAN CULTURE AND ARCHAEOLOGY

Semester X

CORE PAPER:AAIC1004

Studies in Pali Literature and language

(60 lectures)

LEARNING OBJECTIVES:

1. Creating awareness about the theoretical foundation of an ancient Indian Language..
2. Teaching basics of an ancient but an important language..
3. Understanding Archaeological data in context with Indian Culture and History.
4. Methods of interpretation of Epigraphical and literary data and analyses.

UNIT I: ADVANCE PALI GRAMMAR

(15lecs.)

- 1/3 Declension of Feminine nouns
- 1/3 Declension of masculine nouns ending in i, u
- 1/3 Indeclinables
- 1/3 Adverbs
- 1/3 Sandhi

UNIT II : ADVANCE PALI GRAMMAR

(15lecs.)

- 1. Make sentences in Pali
- 1. Give Pali words for
- 1. Translations- Pali to English
- 1. Translations- English to Pali
- 1. Comprehension in Pali

UNIT III: PROSE

(15lecs.)

- 1. Satta Aparihaniyadhamma- Mahaparinibbanasutta
- 1. Lakkhanapanha- Milindapanha
- 1. Buddhanussati-Visuddhimagga
- 1. Kasibharadvajasutta of Suttanipata
- 1. Sangaravasutta of Pancakanipata of Anguttaranikaya

UNIT IV: POETRY

(15lecs.)

- 1. Ambapali Theri -Therigatha
- 1. Bala Vagga- Dhammapada
- 1. Kalahavivadasutta- Suttanipata
- 1. Silavatthathera- Theragatha
- 1. Sasapanditacariya- Cariyapitaka

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Bibliography:

1. Tiwary, L.N. & B. Sharma (ed). *Kaccayana-vyakarana*, Varanasi: Tara Printing Press,1961.
2. Geiger, W. *Pali Literature and Language*, (English tr. C. Ghosh), reprint, Calcutta: 1968.
3. Jagdish, B.J. *Pali Mahavyakarana*, Saranath: Mahabodhi Sabha,1968.
4. Warder, A.K. *Introduction to Pali*, London: Pali Text Society,1974.

5. Warder, A.K. *Pali Metre*, London: Pali Text Society, 1967.
6. Buddhadatta, A.P. *The Higher Pali Course*, Colombo: Colombo Apothecaries' Co., 1951.
7. Buddhadatta, A.P. *The New Pali Course*, 2 parts, Colombo: Colombo Apothecaries' Co., 2000.
8. Law, B.C. *History of Pali Literature*, 2 volumes; Varanasi: Bharatiya Publishing House, 1974.
9. Winternitz, M. *A History of Indian Literature*, 3 volumes, New Delhi: Motilal Banarsidass, 1998.
10. Gair, J. W. & W. S. Karunatilake. *A New Course in Reading Pali*, New Delhi: Motilal Banarsidass, 1998.
11. Bullitt, John T. *A Guide to Learning the Pali Language*. Barre, MA: Dhamma Dana Publishers, 1997.
12. ed. *A Glossary of Pali and Buddhist Terms*. www.accesstoinsight.org.
13. Rhys Davids, T. W. and William Stede. *Pali – English Dictionary* New Delhi: Motilal Banarsidass, 2007.
14. Kashyapa, Bhikkhu J. *Pali Mahavyakarana*. New Delhi: Motilal Banarasidass, 1955.
15. Shukla, H. S. *Pali Nibandhavali*. Varanasi: Tara Press, 1978.
16. Maitreya, Anand B. *Pali Grammar and Composition*. London: Pali Buddhist Review 2–6, 1977–82.
17. *Pali Made Easy*. Shizuoka: SIS, 1993.
18. Andersen, Dines. *A Pali Reader and Pali Glossary*, New Delhi: Motilal Banarsidass, 1996.
19. Bapat, P.V. & R.D. Vadekar. *A Practical Pali Dictionary for the use of students in High Schools and Colleges*, Poona: 1940.
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- 24.

M A Part II SYLLABUS UNDER AUTONOMY

ANCIENT INDIAN CULTURE

Semester X

COURSE:AAAIC1005

REMEDIAL CONSERVATION OF TANGIBLE HERITAGE

(60 lectures)

LEARNING OBJECTIVE:

Creating awareness regarding art conservation. The aim of this course is to educate the student regarding the various techniques of conservation of media like paper, wood, stone, etc.

Unit I: Conservation of paper materials (15 lecs.)

1. Manuscripts
2. Conservation of gum tempera paintings on paper
3. Prints

Unit II: Conservation of cloth paintings and textiles (15 lecs.)

1. Paintings on Cloth
2. Textiles
3. Costumes

Unit III: Conservation of wooden materials (15 lecs.)

1. Wood, Gilded surfaces, Frames
2. Paintings on canvas and panels

Unit IV: Conservation of earthen materials and stone (15 lecs.)

1. Terracotta
2. Earthen structures
3. Stucco
4. Stone

Only 20 students will be selected on the basis of merit and interviews

CIA Assignments/Fieldwork and Practicals.

Bibliography

1. **Agarwal Rajesh K. And Nangia Sudesh**, Economic and Employment potential of archaeological monuments in India, Birla Institute of Scientific Research, New Delhi, 1974.
2. **Biswas Sachindra Sekhar**, Protecting Cultural Heritage, National Legislation and International Conventions, Arya Book International, New Delhi, 1999
3. **Nagar S. L.**, Protection, Conservation and Preservation of India's monuments, Aryan Books International, New Delhi, 1998
4. **Ghosh A.**, Fifty Years of Archaeological Survey of India, Ancient India, 1953.
5. **UNESCO** and its programmes, protection of Mankind's Cultural Heritage sites and monuments, UNESCO, 1970

REMEDIAL CONSERVATION OF TANGIBLE HERITAGE-2 **(60 LECTURES)**

LEARNING OBJECTIVE:

Creating awareness regarding art conservation. The aim of this course is to educate the student regarding the various techniques of conservation of media like metals, contemporary objects ,built heritage,etc.

Unit I: Conservation of metals. (15 lecs.)

1. Copper alloys
2. Ferrous alloys
3. Other metals and decorative art

Unit II: Conservation of composite artifacts and objects of animal origin . (15 lecs.)

1. Leather and parchment
2. Ivory, Bone, Horn
3. Introduction to Natural History Specimens
4. Ethnographic objects

Unit III: Conservation of built heritage. (15 lecs.)

1. Distress mapping of a structure
2. Conservation of built heritage
3. Conservation of historic interiors
4. Mural Paintings

Unit IV: Conservation of contemporary objects. (15 lecs.)

1. Contemporary materials, plastics etc
2. New media
3. Photographs

CIA I : Test CIA II: Assignment and Practical

Bibliography:

1. **Agarwal Rajesh K. And Nangia Sudesh**, 1974, Economic and Employment potential of archaeological monuments in India, Birla Institute of Scientific Research, New Delhi,.
2. **Biswas Sachindra Sekhar**, 1999, Protecting Cultural Heritage, National Legislation and International Conventions, Arya Book International, New Delhi.
3. **Croci Giorge**, Conservation and Structural Restoration of Architectural Heritage, Computational Mechanics.
4. **Ghosh A.**, 1953, Fifty Years of Archaeological Survey of India, Ancient India.
5. **Harrison Richard (Ed)**, Manual of Heritage Management, Butterworth Heineman.
6. **Kernal Balsar**, The Concept of the Common Heritage of Mankind, Vol. 30 Martinus Nijhoff.
7. **Nagar S. L.**, 1998, Protection, Conservation and Preservation of India's monuments, Aryan Books International, New Delhi.
8. **Pockard Robert**, Policy of Law in Heritage Conservation, E. and F.N. Spoon.
9. **Price Nicholas Stanly (Ed)**, Historical and Philosophical Issues in Conservation of Cultural Heritage, Getty Education in Arts.
10. UNESCO and its programmes, protection of Mankind's Cultural Heritage sites and monuments, 1970, UNESCO,.
