

# National Education Policy-2020 Common Minimum Syllabus for all U.P. State Universities

# **B.A.** (Archaeology and Museology)



# National Education Policy-2020 Common Minimum Syllabus for all U.P. State Universities BA Syllabus

**SUBJECT: Archaeology and Museology** 

| Name                           | Designation                    | Affiliation   |
|--------------------------------|--------------------------------|---|
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# **Syllabus Developed by:**

| S. No. | Name                           | Designation                       | Department | College/ University  |
|--------|--------------------------------|-----------------------------------|------------|--|
| 1      | Dr. Krishna Kant<br>Sharma     | Associate Professor & Head        | History    | M.M.P.G. College Modi Nagar,<br>U.P.                       |
| 2      | Dr. Praveen Joshi              | Sr. Assistant<br>Professor & Head | History    | Govt. P. G. College Kotdwar,<br>Pauri Garhwal, Uttarakhand |
| 3      | Dr. Gauri Shankar<br>Mahapatra | Sr. Assistant<br>Professor        | Museology  | I.G.N. Tribal University,<br>Amarkantak, M.P.              |



# **Department of Higher Education U.P. Government, Lucknow**

# National Education Policy-2020 Common Minimum Syllabus for all U.P. State Universities

# BA (Archaeology & Museology)

| Year | Sem. | Course Code | Paper Title                                 | Theory/Practical | Credits |
|------|------|-------------|---|------------------|---------|
| 1    | Ι    | A230101T    | Introduction to Archaeology                 | Theory           | 6       |
| 1    | II   | A230201T    | Introduction to Museum & Museology          | Theory           | 6       |
| 2    | III  | A230301T    | Art & Architecture of Ancient India         | Theory           | 4       |
| 2    | III  | A230302P    | Art & Architecture of Uttar Pradesh         | Practical        | 2       |
| 2    | IV   | A230401T    | Collection Management                       | Theory           | 6       |
| 3    | V    | A230501T    | Field Archaeology                           | Theory           | 4       |
| 3    | V    | A230502T    | Museum Education and Public Relation        | Theory           | 4       |
| 3    | V    | A230503P    | Practical Aspect of Archaeology & Museology | Practical        | 2       |
| 3    | V    | A230504R    | Study of Local Culture & Report<br>Writing  | Project          | 3       |
| 3    | VI   | A230601T    | Indian Epigraphy & Numismatics              | Theory           | 4       |
| 3    | VI   | A230602T    | Care & Conservation                         | Theory           | 4       |
| 3    | VI   | A230603P    | Preventive conservation in Museology        | Practical        | 2       |
| 3    | VI   | A230604R    | Museum Visit : Project Report               | Project          | 3       |

# **Subject: Archaeology and Museology**

| Year | Semester | Paper: 1                            | Credit | Paper: II                                  | Credit | Practical   | Credit | Research Project                          | Credit | Total |
|------|----------|-------------------------------------|--------|--|--------|---|--------|---|--------|-------|
|      |          |                                     |        |  |        |   |        |   |        |       |
| 1st  | Ι        | Introduction to Archaeology         | 6      |  |        |   |        |   |        | 6     |
| 150  | II       | Introduction to Museum & Museology  | 6      |  |        |   |        |   |        | 6     |
| 2nd  | III      | Art & Architecture of Ancient India | 4      |  |        | Art & Architecture of Uttar Pradesh               | 2      |   |        | 6     |
|      | IV       | Collection<br>Management            | 6      |  |        |   |        |   |        | 6     |
| 3rd  | V        | Field Archaeology                   | 4      | Museum<br>Education and<br>Public Relation | 4      | Practical Aspect<br>of Archaeology &<br>Museology | 2      | Study of Local Cultural & Project Writing | 3      | 10+3  |
| Siu  | VI       | Indian Epigraphy & Numismatics      | 4      | Care &<br>Conservation                     | 4      | Preventive<br>Conservation in<br>Museology        | 2      | Museum Visit<br>and Project<br>Writing    | 3      | 10+3  |

# **B.A.** in Archaeology and Museology

### **Program Outcomes (POs):**

This course provides the basic ideas and concepts of Archaeology and Museology, through this programme students will get knowledge about cultural development of man. The course intends to orient the learner with the approaches to the discipline of Archaeology and Museology. Through this course, the students will get to know the different pottery traditions, art - architecture and cultures of different periods along with the stone age culture and the students will also get acquainted with the performance and maintenance of antiquities related to different cultures through museology.

Through its curriculum, students will get acquainted with the authentic aspects of historical facts and gain knowledge of the ancient glory of India through evidences so as to develop a positive attitude towards their history. Students will be motivated to contribute towards nation building by making them aware of the overall culture of India. This course will provide a medium for students to undertake rational analysis of ancient cultures and develop an attitude of research in students. This will not only provide a brigade of logical ability to the students but also provide them employment opportunities.

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#### **B.A.** First Year: Certificate in Archaeology and Museology

### **Program Specific Outcomes (PSOs):**

At the end of program following outcomes are expected from students:

- 1. Learn about the fundamental aspects of Archaeology as well as Museology,
- 2. Learn about the historical development of Indian archaeology and cultural development of India during pre and proto- historic age.
- 3. Learn about the discipline of museology as a multidisciplinary field of study covering arts, science and management. The student is well acquainted with the museums of Uttar Pradesh and as well as some renowned museums of India with their social accountability.
- 4. May have capabilities to start earning by enhancing their skills in the field of Museology, Archaeology, Ethnographic, Tourism and Archives.

| Year | Sem. | Course<br>Code | Paper Title                                 | Credits | Total No. of<br>Lecture |
|------|------|----------------|---|---------|-------------------------|
| 1    | Ι    | A230101T       | Introduction to Archaeology (Theory)        | 6       | 90                      |
|      | II   | A230201T       | Introduction to Museum & Museology (Theory) | 6       | 90                      |

| Programme/Class: Certificate/<br>BA                             | Year: First                        | Semester : First         |  |  |  |  |
|---|------------------------------------|--------------------------|--|--|--|--|
|   | Subject: Archaeology and Museology |                          |  |  |  |  |
| Course Code: A230101T Course Title: Introduction to Archaeology |                                    | roduction to Archaeology |  |  |  |  |

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

| Credits: 6              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0

| Unit | Topics  | No. of<br>Lectures |
|------|---|--------------------|
| I    | History of Indian Archaeology: Development of Archaeological Survey of India, Brief idea about Early Indian Archaeologist   | 13                 |
| II   | Sources of Ancient Indian History   | 10                 |
| Ш    | Definition, Aims and Scope of Archaeology   | 8                  |
| IV   | Types of Archaeology: Marine Archaeology, Aerial Archaeology, Ethno Archaeology, Historical Archaeology, Environmental Archaeology, New Archaeology and relevance of Archaeology to contemporary Society      | 12                 |
| V    | Relation of Archaeology with Natural Sciences and Social Sciences   | 8                  |
| VI   | Brief introduction of Pre Historic Culture : Palaeolithic, Mesolithic and Neolithic Culture   | 13                 |
| VII  | Brief introduction of Proto Historic Culture : Harappa, Copper Hoard, PGW, NBP and Megalithic Culture   | 13                 |
| VIII | Cultural Heritage, Monuments And Archaeological Legislations/ Treasure<br>Trove Act: The Ancient Monuments and Archaeological sites and Remains<br>Act 1958 & 1959, The Indian Treasure Trove Act 1878 & 1973 | 13                 |

#### **Suggested Readings**

- 1. पाण्डेय, जय नारायण ; पुरात्तव विमर्श, इलाहाबाद
- 2. Atkinson, R. J. C.: Field Archaeology, London
- 3. वर्मा आर के. : पुरातत्व अनुशीलन, परमज्योति प्रकाशन, इलाहाबाद
- 4. Agrawal, D.P.: Archaeology of India
- 5. Wheeler, R. E. M., Archaeology from the Earth
- 6. व्हीलर, मोर्टेमर : पृथ्वी से पुरातत्व
- 7. Sankalia.H.D: Prehistory and Protohistory of India & Pakistan
- 8. Binford, S. R. and L. R.: New Perspective in Archaeology 8. Binford, S. R. and L. R.: New Perspective in Archaeology

- 9. Nautiyal, K. P.: Proto-historic India. Delhi
- 10. Allchin, B. & E.R. Allchin: The Rise of Civilization in India and Pakistan
- 11.Bhattacharya.D.K.: An Outline of India Prehistory
- 12.Rajan.K: Archaeology: Principles and Methods
- 13.Robert.f.Heizer(ed.,): The Archaeologist at Work: A source Book in Archaeological Method and Interpretation
- 14. श्रीवास्तव, आलोक : प्रात्तव अधिनियम एवं नियम
- 15. Mishra, V. D.: Some Aspects of Indian Archaeology
- 16. Renfrew.C & Paul Bahn, : Archaeology: Theories, Methods and Practical
- 17. H. Sirkar: Museums and protection of Monuments and Antiquities in India
- 18. Biswas, S.S.: Protecting the Cultural Heritage, New Delhi
- 19. Crawford, O. G. S.: Archaeology in the Field, 7th edition, London

Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad

This course can be opted as Compulsory Subject

Suggested Continuous Internal Evaluation Methods (25 Marks):

- Seminar/Assignment on any topic of the above syllabus.
- Test with multiple choice questions / short and long answer questions.
- Research Orientation of the student.
- Quiz.

Course prerequisites: To study this course, a student must have passed class 12<sup>th</sup>

Suggested equivalent online courses:

https://www.mooc-list.com/tags/archaeology

https://online-learning.harvard.edu/subject/archaeology

https://www.distancelearningportal.com/search/#q=ci-30|di-70|lv-short|mh-blended,online

Further Suggestions: For Course Contents visit:

https://www.youtube.com/watch?v=m9w2ZOUF6So,

https://www.youtube.com/watch?v=hW7tCQ457FA&t=1475s,

https://www.youtube.com/watch?v=sWMTXcx-5lM&t=146s,

| Programme/Class:<br>Certificate/BA | Year: First Semester: Second                       |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|--|
|                                    | Subject: Archaeology and Museology                 |  |  |  |  |  |
| Course Code: A230201T              | Course Title: Introduction to Museum and Museology |  |  |  |  |  |

The focus of this paper is the meaning and scope of museum along with a brief description of its history. The paper also deals with the type, fundamentals, role and function of the museum, the purpose of this paper to give knowledge about museum to students, the course also covers the emerging trends in Museology.

| Credits: 6              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

#### Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0

| Unit | Topics   | No. of<br>Lectures |
|------|--|--------------------|
| I    | Origin and definitions of Museum, meaning of key concepts mentioned in various definitions. Aims and Scope of Museum.  | 10                 |
| II   | Origin and definition of Museology and Museography. Nature of Museology – science or art, Museology as interdisciplinary Science New Museology concept in India.   | 12                 |
| III  | Brief History and Development of Museums in India. Introduction to some important Museums of Uttar Pradesh ( <u>State Museum, Lucknow, Allahabad Museum</u> , Government Museum Mathura, Bharat Kala Bhawan Varanasi)                        | 12                 |
| IV   | Introduction to various types of Museums in India National, State, Regional, Local Museums, Private Museums, Institutional etc.  | 10                 |
| V    | Classification of Museums: General/Multipurpose Museum, Crafts Museum, Textile Museum, Industrial Museum, Rail museum, Anthropological Museum, Archaeological Museum, Folk Art Museum, Children's Museum, Science and Technology Museum etc. | 11                 |
| VI   | Function of Museum. Administration and Management of Museum: Human Recourses, Duties and Responsibilities  | 12                 |
| VII  | Museum & social interactions/social needs. Social accountability/<br>responsibilities of museums, Museums as means for social change/technology<br>transfer, Community relations and Community access  | 10                 |
| VIII | Study of some important Museums of India: National Museum, New Delhi; Indian Museum, Kolkata, Chatrapati Sivaji Museum, Mumbai.  | 13                 |

#### **Suggested Reading:**

- 1. Basu, J.N. "Indian Museum Movement", Bensons, Calcutta, 1965.
- 2. Basu, S. & Chakraborty, M. "Museum: norms & terms: A selective approach", Deys Publisher,1999.
- 3. Baxi, S. J. and Dwivedi, V. P. "Modern Museums" Abhinav Publications, Delhi,1973.
- 4. Bedekar, V.H. "New Museology for India" National Museum Institute of History of Art, Conservation and Museology, New Delhi, 1995
- 5.Bhatnagar, Anupama. Museums, "Museology and New Museology" Sundeep Prakashan, New Delhi,2000.
- 6. Dwivedi, V.P. & Pant, G.N. "Museums and Museology: New Horizons", Agam Kala Prakashan, Delhi,1980.
- 7. शक्ल, जी.सी. एवं पाण्डेय, वी.के. : संग्राहलय विज्ञान,मोतीलाल बनारसीदास, पटना,2002.

8. जैन, संजय : म्युजियम एवं म्युजियोलौजी : एक परिचय, कनिका प्रकाशन, बड़ोधरा, 2001 9. Nigam, M.L. "Fundamentals of Museology", Navhind Prakashan, Hyderabad, 1966. 10. Morley, Grace. "Museums Today", Department of Museology, Baroda, 1981 11. Peter Vergo. "The New Museology", Reaktion Books, London,1989. 12. Roy, D.K. "Museology: Some Cute Points", Kalpaz Publication, 2006. 13. Sankha, B. & Chakraborti, M. "Museum Norms and Terms: A Selective Approach", Dey's Publishing, Calcutta, 1999. 14. Ghose, D.P. "Studies in Museums and Museology in India", Indian Publications, Calcutta, 1968 15. Sivaramamurthy, C. "Directory of Museums in India", 1956. Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad Suggested Continuous Internal Evaluation Methods (25 Marks): Seminar/Assignment on any topic of the above syllabus. Test with multiple choice questions / short and long answer questions. Research Orientation of the student. Quiz. Course prerequisites: To study this course, a student must have passed 12<sup>th</sup> class

Suggested equivalent online courses: onlinereg@northwestern.edu

Further Suggestions:.

# **B.A. Second Year: Diploma in Archaeology and Museology**

### **Program Specific Outcomes (PSOs):**

At the end of program following outcomes are expected from students:

- 1. Learn about the Art and Architecture of ancient India
- 2. Built knowledge about Hindu, Buddhist and Jain Temple architecture.
- 3. Learn about the cultural heritage of Uttar Pradesh.
- 3. Learn about the methods of collection, documentation and presentation of artifacts in Museum.
- 4. Learn about the storage system with safety and security measures.
- 5. May have capabilities to start earning by enhancing their skills in the field of collection, documentation and exhibition of objects in Museums.
- 6. Enhancing their skills in the field of Historical knowledge system, Tourism, Archives and Museums, which will helpful to get job in tourism sector.

| Year | Semester | <b>Course Code</b> | Paper Title  | Credits | Total No.  |
|------|----------|--------------------|--|---------|------------|
|      |          |                    |  |         | of Lecture |
| 2    | III      | A230301T           | Art & Architecture of Ancient<br>India (Theory)    | 4       | 60         |
| 2    | III      | A230302P           | Art & Architecture of Uttar<br>Pradesh (Practical) | 2       | 30         |
| 2    | IV       | A230401T           | Collection Management (Theory)                     | 6       | 60         |

| Programme/Class:<br>Diploma/BA  | Year: Second Semester: Three |  |  |  |
|---|------------------------------|--|--|--|
| Subject: Archaeology and Museology                                      |                              |  |  |  |
| Course Code: A230301T Course Title: Art & Architecture of Ancient India |                              |  |  |  |

The paper focuses on the art & architecture during Ancient India. The paper focuses on the art & architecture from Harappan civilization to Early Medieval India. Students will get the knowledge of clay, stone & metal art. They will also aware with the Temple architecture of different age.

| Credits: 4              | Core Compulsory       |  |
|-------------------------|-----------------------|--|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |  |

Total No. of Lectures-Tutorials- (in hours per week): L-T-P: 4-0-0

| Unit | Topics  |   |  |
|------|---|---|--|
| I    | Art & Architecture of Harappan Civilization : Town Planning, Art: Terracotta, Stone, and Metal  | 8 |  |
| II   | Brief Introduction of Mauryan, Sung-Satvahan Architecture : Temple, Stupa, Chatiya and Viharas  |   |  |
| III  | III Salient features of Mathura and Gandhar Art   |   |  |
| IV   | Art and Architecture during Gupta and Vakatakas Age   |   |  |
| V    | Art and Architecture during Pallava and Chola Age: Raths & Temple   |   |  |
| VI   | Development of Temple Architecture in Ancient India: Architecture of Sanchi Temple-17. Bhumara Temple and Nachna Kuthar Temple, & Mahabodhi Temple (Gaya) |   |  |
| VII  | Art and Architecture of Early Medieval India : Brief Introduction of Nagar, Dravid and Veser Style of Temple  |   |  |
| VIII | Introduction of Rock Cut Temple Architecture : Ellora Temple, Bhaja and Karle Temple  |   |  |

#### **Suggested Readings:**

- 1. बाजपेयी, के.डी.: भारतीय वास्तुकला का इतिहास
- 2. गुप्ता, पी. एल. : प्राचीन भारतीय वास्तुकला
- 3. Deva, Krishna: Temples of North India, National Book Trust, 2002.
- 4. Khare Ajay: Temple Architecture of Eastern India, Gougaon, Surbhi Publications, 2005.
- 5. अग्रवाल, वास्शरण : भारतीय कला
- 6. Kramrisch, Stella, The Hindu Temple, 2 vols. Calcutta, London University Press, 1933.
- 7. साही, शिव स्वरूप : भारतीय कला
- 8.Michell, George, The Hindu Temple: An Introduction its meaning and Forms, New York, Harper and Row, 1977.
- 9. रॉय, यू.एन. : भारतीय कला, लोक भारती प्रकाशन, प्रयागराज
- 10. श्रीवास्तव,के.सी. : कला तथा प्रातत्त्व, शारदा प्रतक भवन, प्रयागराज
- 11. Grover, Satish: The Architecture of India: Buddhist and Hindu, Vikas, 1980.
- 12. Meister, Michael W. ed. Encyclopaedia of Indian Temple Architecture, Vol. 1, South India.
- 13. देव कृष्ण : उत्तर भारत के मंदिर, राष्ट्रीय पुस्तक न्यास, भारत
- 14. Brown, Percy: Indian Architecture Buddhist and Hindu.
- 15. Burgess and Fergusson: Cave Temples of India.

- 16. Chandra, Pramod: Studies in Temple Architecture.
- 17. पाण्डेय, जे.एन.: भारतीय कला
- 18. अग्रवाल, पी. के. : प्राचीन भारतीय कला एवं वास्त्
- 19. श्रीनिवासन, के,आर.: दिखण भारत के मंदिर, राष्ट्रीय पुस्तक न्यास, भारत, 1972.
- 20. Agarwal, V. S.: Studies in Indian Art
- 21. जोशी, एन. पी. प्राचीन भारतीय मूर्तिविज्ञान
- 22.उपाध्याय वासुदेव प्राचीन भारतीय स्तूप गुहा एवं मंदिर
- 23. अग्रवाल, पृथ्वी कुमार : प्राचीन भारतीय कला एवं वास्तु भाग-1 एवं 2
- 24. कुमार, प्रभात :उत्तर प्रदेश के प्रमुख मंदिर एवं वास्तुकला : एक अध्ययन
- 25. जोशी महेश चंद्र युग युगीन भारतीय कला
- 26. अग्रवाल वीएस ग्प्त कला

Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad

This course only opted as compulsory course

Suggested Continuous Internal Evaluation Methods (25 Marks):

- Seminar/Assignment on any topic of the above syllabus.
- Test with multiple choice questions / short and long answer questions.
- Practical Orientation of the student with the help of district/state archaeology department.
- Organize the departmental Quizs.

Course prerequisites: To study this course, a student must have Intermediate.

Suggested equivalent online courses:

https://www.classcentral.com/course/swayam-introduction-to-indian-art-an-appreciation-6708

https://www.classcentral.com/course/swayam-introduction-to-history-of-architecture-in-india-12888

Further Suggestions:

Some historical sites visit may be organized by respective departments.

| Programme/Class:<br>Diploma/BA  | Year: Second | Semester: Three |  |  |
|---|--------------|-----------------|--|--|
| Subject: Archaeology and Museology  |              |                 |  |  |
| Course Code: A230302P Course Title: Art & Architecture of Uttar Pradesh (Practical) |              |                 |  |  |

The paper focuses on the early art & architecture of Uttar Pradesh. Students will get the knowledge of art & architecture of their nearby historical or archaeological places. They will get a brief idea of any Temple/Building/monument architecture or Iconographic feature of an Icon.

| Credits: 2              | Core Compulsory       |  |
|-------------------------|-----------------------|--|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |  |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 1-0-1

| Unit | Topics   | No. of<br>Lectures |
|------|--|--------------------|
| I    | Practical training in identifying structure detail of Hindu architecture of Uttar Pradesh through side visit <b>OR</b> Virtual <b>OR</b> photographs of these monuments: Kashi Vishwanath temple Varanasi, Dahawtar temple Devgadh, Bhitargaon Kanpur    | 6                  |
| п    | Practical Training Knowledge about Jain &Buddhist Art & Architecture of Uttar Pradesh through side visit <b>OR</b> Virtual <b>OR</b> photographs of these monuments: Dhamek Stupa Sarnath, Ashoka Pillar Sarnath, Jain Temple Deogarh                    | 6                  |
| III  | Practical Training Knowledge about Indo-Islamic and British Colonial Art & Architecture of Uttar Pradesh through side visit <b>OR</b> Virtual <b>OR</b> photographs of these monuments: Taj Mahal, Agran Bara Imambara, Roman Catholic Church, Sardhara, | 6                  |
| IV   | Field Visit & Project report writing of nearby standing monuments <b>OR</b> any One of above Monuments.  | 12                 |

#### **Suggested Readings**

- 1. बाजपेयी,के.डी.: भारतीय वास्तुकला का इतिहास
- 2. गुप्ता, पी. एल. : प्राचीन भारतीय वास्तुकला
- 3. Deva, Krishna: Temples of North India, National Book Trust, 2002.
- 4. Khare Ajay: Temple Architecture of Eastern India, Gougaon, Surbhi Publications, 2005.
- 5. अग्रवाल, वास्शरण : भारतीय कला
- 6. Kramrisch, Stella, The Hindu Temple, 2 vols. Calcutta, London University Press, 1933.
- 7. साही, शिव स्वरूप : भारतीय कला
- 8.Michell, George, The Hindu Temple: An Introduction its meaning and Forms, New York, Harper and Row, 1977.
- 9. रॉय, यू.एन. : भारतीय कला, लोक भारती प्रकाशन, प्रयागराज
- 10. श्रीवास्तव, के.सी. : कला तथा प्रातत्त्व, शारदा प्स्तक भवन, प्रयागराज
- 11. Grover, Satish: The Architecture of India: Buddhist and Hindu, Vikas, 1980.
- 12. Meister, Michael W. ed. Encyclopaedia of Indian Temple Architecture, Vol. 1, South India.
- 13. देव कृष्ण : उत्तर भारत के मंदिर, राष्ट्रीय पुस्तक न्यास, भारत
- 14. Brown, Percy: Indian Architecture Buddhist and Hindu.
- 15. Burgess and Fergusson: Cave Temples of India.
- 16. Chandra, Pramod: Studies in Temple Architecture.
- 17. पाण्डेय, जे.एन. भारतीय कला
- 18. अग्रवाल, पी. के. : प्राचीन भारतीय कला एवं वास्तु

| 19. श्रीनिवासन, के,आर.: दिछण भारत के मंदिर, राष्ट्रीय पुस्तक न्यास, भारत, 1972.<br>20.Agarwal, V. S.: Studies in Indian Art<br>21. जोशी, एन. पी. प्राचीन भारतीय मुर्तिविज्ञान   |
|---|
| 22. कुमार, प्रभात : उत्तर प्रदेश के प्रमुख मंदिर एवं वास्तुकला एक अध्ययन  |
| Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad   |
| Suggested Continuous Internal Evaluation Methods  •   |
| Course prerequisites: To study this course, a student must have Intermediate.   |
|   |
| Suggested equivalent online courses:  |
|   |
| Further Suggestions:  |
| Some historical sites visit may be organized by respective departments,  For further reference visit <a href="http://www.asiagracircle.in/">http://www.asiagracircle.in/</a> or <a href="http://www.asiagracircle.in/">http://www.asiagracircle.in/</a> |

| Programme/Class: Diploma / BA                             | Year: Second | Semester: Fourth |  |  |
|---|--------------|------------------|--|--|
| Subject: Archaeology and Museology                        |              |                  |  |  |
| Course Code: A230401T Course Title: Collection Management |              |                  |  |  |

The paper deals with the Collection, Documentation, Presentation of artifacts in the museum. The purpose of this paper to give knowledge to understand the method of collection, documentation and its display in a scientific manner through theoretical knowledge.

| Credits: 6              | Core Compulsory       |  |
|-------------------------|-----------------------|--|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |  |

#### Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0

| Unit | Topics  |    |  |  |
|------|---|----|--|--|
| I    | Collection: Methods of Collection such as Purchase, Loan, Exchange, Donation, Gift, Bequest, Exploration, Excavation, Fabrication etc. Collection Policies and Ethics.  |    |  |  |
| п    | Documentation: Meaning, Objectives and Techniques of Museum Documentation.  Documentation Policy. Manual and Digital Documentation Practices.  Accessioning and De- accessioning.                                   |    |  |  |
| III  | Numbering System: Simple, Bipartite and Tripartite. Types of Documents: Field book, Accession register, Sectional Register, Cataloguing, Index Card, Movement register.   |    |  |  |
| IV   | Storage – purposes and factors that govern design of collection stores.  Storage systems. Visual storage. Safety and security of Museum collection.   |    |  |  |
| V    | Exhibition: Types (Permanent/Temporary/ Travelling). Policy and Ethics of Exhibition. Planning and Layout of Museum Display, Material and Equipment for Display. Exhibition Text.                                   | 12 |  |  |
| VI   | Different Types of Showcases and Accessories; Mock Ups and Dioramas.  Lighting.   |    |  |  |
| VII  | Principles of Exhibit Arrangement & Use of Space, Types of Exhibits: Original/Fabricated, Static/Movable, Models (Scale/Non-Scale, Working/Non-Working), Participatory/Interactive, Diorama/Habitat Group, Tableaux | 11 |  |  |
| VIII | Types of Exhibitions: Object-Oriented/Concept-Oriented, Thematic, Contextual, Chronological, Geographical, Integral, Comparative, Natural, Synthetic, Didactic, Special.  | 12 |  |  |

#### Suggested Readings:

- 1. शुक्ल गिरीश चन्द्र, पांडे बिमिलेश कुमार. संग्रहालय विज्ञान, मोतीलाल बनारसी दास, पटना, 2002.
- 2. सिंह अरबिन्द कुमार. संग्रहालय विज्ञान, मध्य प्रदेश हिंदी ग्रन्थ अकादेमी, भोपाल, 2003.
- 3. सहाय शिब स्वरुप. संग्रहालय की ओर, मोतीलाल बनारसी दास, दिल्ली, 1992.
- 4. राय डी चौधरी. संग्रहालय बिज्ञान, अलंकार प्रकाशन, नई दिल्ली ,1982.
- 5. आर गणेशन. संग्रहालय दर्पण, पिलग्रिम्स पब्लिकेशन, बाराणसी, 2007.
- 6. आर गणेशन. भारतीय संग्रहालय एबं जनसम्पर्क, विश्वविद्यालय पब्लिकेशन, बाराणसी, 2002 .
- 7. शर्मा महाबीरप्रसाद. सामान्य पाण्डुलिपीबिज्ञान, अपभ्रंश साहित्य अकादमी, राजस्थान, 2003.
- 8. Anne Fachy. "Collection Management", Routledge, London, 1994.
- 9. American Association of Museums. "Museum Registration Methods", AAM Press, 2010.
- 10. Barry, L & Maria Piacente, "Manual of Museum Exhibitions", AltaMira Press, U.S.,2014.

- 11. Baxi, S. J. & Dwivedi, V.P. "Modern Museum", Abhinav Publications, Delhi,1973.
- 12. Brawne, Michael. "The Museum Interior: Temporary and Permanent Display Techniques". Architectural Book Pub Co,1982.
- 13. Burcaw, G.E. "Introduction to Museum Work", AltaMira Press, US., 1997 (3rd Edition).
- 14. Coleman, L V: "Museum Buildings", Washington, D.C.: American Association of Museums, 1950.
- 15. Dean, David. "Museum Exhibition: Theory and Practice", Routledge, London, 1996.
- 16. Dean, David. "Museum Exhibition: Theory & Practice", Routledge: London and New York, 1994.
- 17. Devenish, David C. "Museum display labels: the philosophy and practice of preparing written labels and illustrations for use in museum displays", National Council of Science Museums, India, 1996.
- 18. Edson, Gary, "Museum Ethics", Routledge, London, 1997.
- 19. Fopp, Michael A. "Managing Museums and Galleries" Routledge, 1997.
- 20. Grace, Morley. "Museums Today", University of Baroda, Dept. of Museum, 1981.
- 21. Light, R. B., Roberts, D. A., & Stewart, J. D. "Museum Documentation System: Developments and Applications", Butterworth-Heinemann, 2014.
- 22. Nigam, M.L. "Fundamentals of Museology", Navhind Prakashan, Hyderabad, 1966
- 23. Unesco. "The Organization of Museum: Practical Advice", 1960.

Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad

This course can be opted as an elective by the students of following subjects: Open for all

Suggested Continuous Internal Evaluation Methods (25 Marks):

- Seminar/Assignment on any topic of the above syllabus.
- Test with multiple choice questions / short and long answer questions.
- Research Orientation of the student.
- Quiz.

| • Quiz.  |  |  |  |  |
|--|--|--|--|--|
| Course prerequisites: To study this course, a student must have pass in 12 <sup>th</sup> class |  |  |  |  |
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| Suggested equivalent online courses:   |  |  |  |  |
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| Further Suggestions:   |  |  |  |  |
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# B.A. Third Year: Bachelor Degree in Archaeology and Museology

## **Program Specific Outcomes (PSOs):**

At the end of program following outcomes are expected from students:

- 1. Learn about the practical aspects of field archaeology
- 2. Built knowledge about different types of pottery and dating methods of an ancient artifacts.
- 3. Learn about the various educational activities of museums for different types of visitors
- 4. Learn about the preparation of education materials for museum
- 5. To learn how the museum involves the community.
- 6. Learn about the deterioration factors of various objects and its preventive remedy.
- 7. Learn about the care and handling of various types of museum objects.
- 8. After this degree programme students May have capabilities to start earning by enhancing their skills in the field of ASI, Tourism department and conservation, guide lecture, museum technical assistant etc.in Museums,

| Year | Sem. | Course   | Paper Title  | Credits | Total No. of |
|------|------|----------|--|---------|--------------|
|      |      | Code     |  |         | Lecture      |
| 3    | V    | A230501T | Field Archaeology (Theory)                                 | 4       | 60           |
| 3    | V    | A230502T | Museum Education and Public Relation(Theory)               | 4       | 60           |
| 3    | V    | A230503P | Practical Aspect of Archaeology<br>& Museology (Practical) | 2       | 30           |
| 3    | V    | A230504R | Research Project   | 3       | 45           |
| 3    | VI   | A230601T | Indian Epigraphy & Numismatics (Theory)                    | 4       | 60           |
| 3    | VI   | A230602T | Care & Conservation (Theory)                               | 4       | 60           |
| 3    | VI   | A230603P | Preventive conservation in<br>Museology                    | 2       | 30           |
| 3    | VI   | A230604R | Project Report   | 3       | 45           |

| Programme/Class: Bachelor<br>Degree/BA                | Year: Third | Semester: Fifth      |  |
|---|-------------|----------------------|--|
| Subject: Archaeology and Museology                    |             |                      |  |
| Course Code: A230501T Course Title: Field Archaeology |             | e: Field Archaeology |  |

This section focuses on the technique of exploration, excavation and dating in archaeology. The purpose of this section is to give an idea to students about how to explore and excavate the historical site and how a the practical aspect of archaeology

| Credits: 4              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 6-0-0

| Unit | Topics   | No. of<br>Lectures |
|------|--|--------------------|
| I    | Meaning, Aims and Objectives of Exploration, Staff and Equipment for Field Survey (Exploration kit)  | 6                  |
| II   | Traditional and Scientific Methods of Archaeological Exploration   | 8                  |
| III  | Aims and Objective of Excavation, Rule and Regulation Regarding<br>Archaeological Excavation   | 8                  |
| IV   | Staff and Equipment for Excavation, Methods of Camping, Pottery yard, Layout of Trenches   | 8                  |
| V    | Excavation Techniques: Vertical and Horizontal Excavation, Its Advantage and Disadvantages   | 8                  |
| VI   | Brief Introduction of Ancient Indian Pottery - Harappan, OCP, PGW, NBP: Meaning, Mending and firing technique, Antiquity, Stratigraphic-context, Associated wares, | 8                  |
| VII  | Stratigraphy: Definition, Identification, Sequence of Layer, True and False Stratification, 3D recording and Horizontal Recording Method                           | 6                  |
| VIII | Related and Absolute Dating Methods in Archaeology   | 8                  |

#### **Suggested Readings -**

- 1. पाण्डेय, जय नारायण : प्रातत्व विमर्श, इलाहाबाद
- 2. Atkinson, R. J. C.: Field Archaeology, London
- 3. Wheeler, R. E. M.: Archaeology from the Earth (English & Hindi)
- 4. वर्मा, राधा कान्त : छेत्रीय प्रातत्व, परम ज्योति प्रकाशन, इलाहाबाद
- 5. Hester, James J.: Introduction to Archaeology,
- 6. Binford, S. R. and L. R.: New Perspective in Archaeology
- 7. Crawford, O.G.S.: Archaeology in the Field, London
- 8. Crawford, O. G. S.: Archaeology in the Field, 7th edition, London
- 9. Barker, Philip: Technique of Archaeological Excavation IIIrd Ed.
- 10. Joseph, W.M.: Dating Methods in Archaeology.
- 11. Sinha.B.P.(ed): Potteries in Ancient India
- 12. पांडे राकेश प्रकाश भारतीय प्रातत्व
- 13. Renfrew.C & Paul Bahn, : Archaeology: Theories, Methods and Practicals

14. Raman.K.V: Principles and Methods of Archeology 15. ओझा, रामप्रकाश : प्रातत्व विज्ञान 16. सिया, के. पी.: पुरातत्व मीमांसा 17. Rajan.K : Archeology: Principles and Methods 1. Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad This course can be opted as an elective by the students of following subjects: Open for all Suggested Continuous Internal Evaluation Methods (25 Marks): Seminar/Assignment on any topic of the above syllabus. Test with multiple choice questions / short and long answer questions. Practical Orientation of the student with the help of district/state archaeology department. Organize the departmental Quizs. Course prerequisites: To study this course, a student must have Intermediate. Suggested equivalent online courses: https://www.futurelearn.com/courses/archaeology

https://www.classcentral.com/course/archaeology-6112

Further Suggestions:

Practical Session can be organized by respective departments.

| Programme/Class: Bachelor<br>Degree/BA | Year: Third          | Semester: Fifth               |
|--|----------------------|-------------------------------|
| Subject: Archaeology and Museology     |                      |                               |
| Course Code: A230502T                  | Course Title: Museum | Education and Public Relation |

This course provides an introduction to museum education to the students. Through this paper a student will get acquainted with the educational role of Museum through various programmes. This paper covers also publication, public relations and critical issues facing the field and an opportunity for discussions with museum education professionals.

| Credits: 4              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

#### Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0

| Unit | Topics  | No. of<br>Lectures |
|------|---|--------------------|
| I    | Museum Education: Museum as an educational institution. Role of Museum in Formal, Informal learning. Ethics of Museum education. Museum as centers for special education.                                       | 08                 |
| II   | Education for different target groups like-School, College Students, Researchers, Teachers, other Adults and special groups (Visually impaired, physically challenged, deaf etc.).                              | 08                 |
| Ш    | Museum Extension services: Travelling and Mobile Exhibition (Museobus), School Loan Kit, Community programme, Excursions, Field trips, Heritage walk etc.   | 06                 |
| IV   | Method of Museum Education: Guide tours, talks, storytelling, workshop, demonstration, drama, discovery-based activities, activities sheet etc.   | 06                 |
| V    | Types of Publication: (Popular, Administrative and Scholarly); Folder, Catalogues, Periodicals, Take-home-sheet, Book, Poster, Post-card, Annual Report, Journals etc. Museum Library.                          | 10                 |
| VI   | Public relations: General Principles. Liaison with outside experts, Laboratories, Institutions, Cooperation with mass media, Public comfort and convenience.  | 10                 |
| VII  | Membership organization and friends of the museum, Volunteers Group, Docent Service   | 06                 |
| VIII | Visitor amenities in Museum: parking facilities, public transportation, cafeteria, toilet, clock-room, drinking water facilities, auditorium, lecture room, music theatre, Museum shop, Information Centre etc. | 06                 |

#### **Suggested Readings:**

- 1. शुक्ल गिरीश चन्द्र, पांडे बिमिलेश कुमार. संग्रहालय विज्ञान, मोतीलाल बनारसी दास, पटना, 2002.
- 2. सिंह अरबिन्द कुमार. संग्रहालय विज्ञान, मध्य प्रदेश हिंदी ग्रन्थ अकादेमी, भोपाल, 2003.
- 3. सहाय शिब स्वरुप. संग्रहालय की ओर, मोतीलाल बनारसी दास, दिल्ली, 1992.
- 4. राय डी चौधरी. संग्रहालय बिज्ञान, अलंकार प्रकाशन, नई दिल्ली ,1982.
- 5. आर गणेशन. संग्रहालय दर्पण, पिलग्रिम्स पब्लिकेशन, बाराणसी, 2007.
- 6. आर गणेशन. भारतीय संग्रहालय एबं जनसम्पर्क, विश्वविद्यालय पब्लिकेशन, बाराणसी, 2002 .
- 7. शर्मा महाबीरप्रसाद. सामान्य पाण्डुलिपीबिज्ञान, अपभ्रंश साहित्य अकादमी, राजस्थान, 2003.
- 8. Ambrose, T.: Education in Museums, Museums in Education", Edinburgh, H.M.S.O., 1987

| <ol> <li>Biswas, T.K. "Museum and Education", New Age International Pvt. Ltd., 1996.</li> <li>Basu &amp; Chakrabarti, M. "Museum: Norms &amp; Terms: A Selective Approach", Deys Publisher 1999.</li> <li>Burcaw, G.E. "Introduction to Museum Work", AltaMira Press, US., 1997 (3<sup>rd</sup> Edition).</li> <li>Oliver. R.N.(Ed.). "Museums and the Environment: A Handbook for Education".</li> <li>Bhatnagar, Anupama. Museums, "Museology and New Museology" Sundeep Prakashan, New Delhi, 2000.</li> </ol> |
|---|
| 14. Hooper, Eilean Greenhill. "The Educational Role of the Museum", Routledge,1999.   |
| 15. Hooper, Eilean Greenhill. "Museum and their Visitor", Routledge, 1994.  |
| 16. Winstanley, Barbara., School-loan Services, The Museums association: London, 1959.  |
| Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad   |
| This course can be opted as an elective by the students of following subjects: Open for all   |
|   |
| Suggested Continuous Internal Evaluation Methods (25 Marks):  |
| <ul> <li>Seminar/Assignment on any topic of the above syllabus.</li> </ul>  |
| <ul> <li>Test with multiple choice questions / short and long answer questions.</li> </ul>  |
| Research Orientation of the student.  |
| • Quiz.   |
| Course prerequisites: To study this course, a student must have pass in 12 <sup>th</sup> class  |
| Suggested equivalent online courses:  |
|   |
| Further Suggestions:  |
|   |

| Subject: Archaeology and Museology          |  |  |  |
|---|--|--|--|
| Practical Aspect of Archaeology & Museology |  |  |  |
|   |  |  |  |

This section focuses on the practical/field aspects of archaeology & museology. The purpose of this section is to give an idea to students about how to explore and the historical site and how to prepare an education material for museum.

| Credits: 2              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2

| Unit | Topics   | No. of<br>Lectures/Lab |
|------|--|------------------------|
| I    | Identification of Stone Tools/ Pottery / Antiquity <b>OR</b> Practical Knowledge of Lay out Trances (Demo)   | 10                     |
| II   | Preparation of education material such as activity sheets for children's, lesson plans, preparation of feed-back forms and conducting surveys in local museums. Interpretation of exhibits to different types of visitors etc. | 10                     |
| III  | Developing and visualizing concept of loan kits, travelling and mobile exhibitions etc. Lay out various types of publications like- Leaflets, Folders, posters, Picture Post cards and Invitation cards etc                    | 10                     |

#### Suggested Readings -

- 1. पाण्डेय, जय नारायण : प्रातत्व विमर्श, इलाहाबाद
- 2. वर्मा, राधा कान्त : छेत्रीय प्रातत्व, परम ज्योति प्रकाशन, इलाहाबाद
- 3. Biswas, T.K. "Museum and Education", New Age International Pvt. Ltd., 1996.
- 2. Basu & Chakrabarti, M. "Museum: Norms & Terms: A Selective Approach", Deys Publisher, 1999.
- 3. Hooper, Eilean Greenhill. "Museum and their Visitor", Routledge, 1994.
- 4. Winstanley, Barbara., School-loan Services, The Museums association: London, 1959.

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| Programme/Class: Bachelor                 | Year: Third         | Semester: Fifth   |       |
|---|---------------------|---|-------|
| Degree/BA                                 |                     |   |       |
| Subject: Archaeology and Museology        |                     |   |       |
| Course Code: A230504R                     | Course Titl         | le: Study of Local Culture & Pr<br>Writing  | oject |
| Credit: 3                                 | Core compu          | ılsory  |       |
| Max. marks: 100 (75 Research Wor<br>Viva) | rk +25 Min. passing | g marks 33  |       |
| Tatal Na aft atoms Tata dala Dua          | -4!1 (! 11-).       | $\mathbf{I} \cdot \mathbf{T} \cdot \mathbf{D} \cdot \mathbf{O} \cdot \mathbf{O} \cdot \mathbf{O}$ |       |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-3

#### **Course outcome:**

This section will impart knowledge to the students in the context of a historical and culturally famous local place, so that they can get information about the historical and cultural heritage sites around them.

| Unit | Title  | No. of Lecture |
|------|--|----------------|
|      |  |                |
| 1    | Nearby Village to village survey to explore the places of        | 45             |
|      | Historical <b>OR</b> Archaeological <b>OR</b> Cultural <b>OR</b> |                |
|      | Ethnohistorical <b>OR</b> Etnoarchaeological interest and        |                |
|      | Submit a project report.   |                |

| Programme/Class: Bachelor<br>Degree/BA  | Year: Third | Semester: Six |  |
|---|-------------|---------------|--|
|   |             |               |  |
| Subject: Archaeology and Museology  |             |               |  |
| Course Code: A230601T Course Title: Ancient Indian Epigraphy, Numismatics and Iconography |             |               |  |

Course Outcomes: Students learn about the different Epigraphy , Numismatics and Iconographic traditions in the Indian Subcontinent with concern to the religious ideas and trends.

| Credits: 4              | Core Compulsory / Elective |
|-------------------------|----------------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33      |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0

| Unit | Topics   | No. of<br>Lectures |
|------|--|--------------------|
| I    | Definition and Scope of Epigraphy and Importance in the reconstruction of history  | 8                  |
| П    | Theories of origin of Brahmi and Khroshthi script.: Rummindei Pillar Inscription , Pryag Prshsthi, Mehrauli Pillar Inscription | 8                  |
| Ш    | Definition and Scope of Numismatic, Coins as a sources of History  | 6                  |
| IV   | Techniques of manufacture of coins in Ancient India  | 6                  |
| V    | Features of Punch mark coins, Indo Greek coins, Kushana coins, Gupta coins,  | 8                  |
| VI   | Introduction to Iconography : Origin, Nature and Signification   | 8                  |
| VII  | Brief survey of Hindu Iconography  | 8                  |
| VIII | Brief survey of Buddhist and Jain Iconography  | 8                  |

#### **Suggested Readings**

- 1. गोयल, श्री राम : ग्प्तकालीन अभिलेख Sircar, D.C.: Select Inscriptions, Vol. I
- 2. Sircar, D.C.: Indian Epigraphy
- 3. Pandey, R.B.: Historical and Literary Inscriptions of Ancient India
- 4. शुक्ल डीएन प्रतिमा विज्ञान
- 5. गोयल, एस एल : प्राचीन भारतीय अभिलेख संग्रह भाग
- 6. उपाध्याय वास्तेव गुप्त अभिलेख Buhler: Indian Palaeography
- 7. बाजपेयी संतोष क्मार : ऐतिहासिक भारतीय सिक्के
- 8. ग्प्त पीएल प्राचीन भारत के प्रम्ख अभिलेख भाग एक एवं दो
- 9. ओझा, जी. एच : प्राचीन भारतीय लिपिमाला
- 10. Upasak, C.S.: History of Palaeography of Mauryan Brahmi Script
- 11 मिश्र, रमानाथ : भारतीय मूर्तिकला का इतिहास
- 12. श्रीवास्तव बृजभूषण प्राचीन भारतीय प्रतिमा विज्ञान एवं मूर्तिकला
- 13. Chakrabarty, S. K.: A Study of Ancient Indian Numismatics
- 14. गुप्ता, परमेश्वरी लाल : भारत के पूर्व कालीन सिक्के
- 15. ग्प्त पीएल प्राचीन भारतीय मुद्राएं
- 16. जयसवाल कुसुम उत्तर भारत की प्राचीन हिंदू देवी मूर्तियां

- 17. अवस्थी, रामाश्रय : खजुराहो की देव प्रतिमाएं
- 18. Banerjea, J. N.: Development of Hindu Iconography
- 19. Bhattacharya, B.: The Indian Buddhist Iconography
- 20. Bhattacharya, B. C.: The Jain Iconography
- 21. Gupta Parmeshwari Lal: Kuṣāṇa Coins and History
- 22. Sten Konow,, Corpus Inscriptionum Indicarum, Vol. II, Part I
- 23. Dani, Ahmad Hasan: Indian Palaeography (Oxford Press)
- 24. Pandey, R.B.: Indian Palaeography
- 25. Srivastava, P.: Aspects of Ancient Indian Numismatics, 1996
- **2.** Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad

This course is Compulsory Subject

Suggested equivalent online courses:

http://xaviers.edu/main/index.php/diploma-certificate-courses/certificate-course-aic

Suggested Continuous Internal Evaluation Methods (25 Marks):

- Seminar/Assignment on any topic of the above syllabus.
- Test with multiple choice questions / short and long answer questions.
- Research Orientation of the student.
- Quiz.

| Programme/Class: Bachelor<br>Degree/BA | Year: Third                         | Semester: Sixth |  |
|--|-------------------------------------|-----------------|--|
| Subject: Archaeology and Museology     |                                     |                 |  |
| Course Code: A230602T                  | Course Title: Care and Conservation |                 |  |

This course provides an introduction to care and preventive conservation of different museum objects. Students should know the factors of deterioration of different objects and its preventive remedial measures. It will be helpful to them keep the objects in a safe form and open the road for become a conservator.

| Credits: 4              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

#### Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 4-0-0

| Unit | Topics  | No. of<br>Lectures |
|------|---|--------------------|
| I    | Concepts and significance of Conservation. Types of Conservation- Preventive, Curative & Restorative. Ethics of Conservation.   | 9                  |
| II   | Material Composition of Objects: Organic, Inorganic and Composite. Factors of Deterioration: Air Pollution, Temperature and Humidity, Light, Biological Agents, Human factors, Disasters etc. | 9                  |
| III  | Care and Handling- Significance of proper handling of objects; general rules of handling museum collections. Packing and transportation of museum objects for various purposes.               | 9                  |
| IV   | Tools and Equipment used in Monitoring of Light, Humidity, UV radiations, Temperature etc.: Principle and use.  | 8                  |
| V    | Traditional conservation versus professional conservation. Specific role of curator and conservator in conservation. Use of indigenous preventive measures in museum.                         | 8                  |
| VI   | Safety and Security of Museum Collection from visitors, theft, fire, earthquake etc.  | 8                  |
| V    | Preventive Conservation & Care of Organic and Inorganic Objects.  | 9                  |

#### **Suggested Readings**

- 01. Agrawal, O P. "Preservation of Art Objects and Library Materials", National Book Trust,1993.
- 02. Agrawal, O P. "Conservation of Manuscripts and Paintings of Southeast Asia", Butterworths, London, 1984.
- 03. Agrawal, O P & Barkeshli, Mandana. "Conservation of Books, Manuscripts and Paper Documents", INTACH, Lucknow, 1997.
- 04. Agrawal, O. P. "Care and Preservation of Museum Objects", NRLC, 1977.
- 05. Ambrose, T & Paine, C. "Museum Basics (Heritage-Care-Preservation-Management)", Routledge, 2012.
- 06. Gairola, T.R. "Handbook of Chemical Conservation of Museum Objects", Department of Museology, Maharaja Sayajirao University of Baroda, 1960.
- 07. Satyamurti, S. T. "Handbook of Museum Technique", Govt. Museum, Chennai, 1998.
- 08. Stolow, N. "Conservation and exhibitions: packing, transport, storage, and environmental considerations", Butterworths, London, Boston, 1987.
- 09. Swarnakamal. "Protection and Conservation of Museum Collection, museum and picture gallery", Baroda, Museum and Picture Gallery, 1975.
- 10. Harinarayan, N. "Heritage: Essays on Museology and Conservation", New era Publications, 2007.

- Mahapatra G.S. "Documentation and Care of Manuscripts in Eastern India", R.N. Bhattacharya, Kolkata, 2010.
   Marchali, K.T. "Conservation Manual", B. R. Publishing, Delhi, 1923.
   Plandarlaith, H. L. "The Conservation of Antiquities and Works of Anti-Treatment.
- 13. Plenderleith, H.J. "The Conservation of Antiquities and Works of Art: Treatment, Repair and Restoration", Oxford University, 1971.
- 14. Singh, A.P. "Conservation & Museum Technique", Agam Kala Prakashan, 1987.
- 15. Thomson, Garry. "Museum Environment", Butterworth Heinemann, 1978.
- 16. Thompson, J. M. A. "Manual of Curatorship, A Guide to Museum Practice", Butterworth Heinemann, 1992.
- 17. UNESCO. "The Conservation of Cultural Properties with Special Reference to the Tropical Countries", 1968.

| Suggestive digital platforms web links- IGNOU & Other centrally/state operated Universities / MOOC platforms such as "SWAYAM" in India and Abroad   |
|---|
| This course can opted as compulsory Subject   |
| Suggested Continuous Internal Evaluation Methods (25 Marks):  • Seminar/Assignment on any topic of the above syllabus.  • Test with multiple choice questions / short and long answer questions.  • Research Orientation of the student.  • Quiz. |
| Course prerequisites: To study this course, a student must have pass class 12 <sup>th</sup>   |
| Suggested equivalent online courses:  |
| Further Suggestions:  |

| Programme/Class: Bachelor<br>Degree/BA  | Year: Thi   | ird | Semester: Sixth |  |
|---|---|-----|-----------------|--|
| Subject: Archaeology and Museology  |   |     |                 |  |
| Course Code: A230603P   | Course Title: Preventive Conservation in Museology ( <b>Practical</b> ) |     |                 |  |
| Course outcomes: This paper is helpful for students to gain practical knowledge on identified the factors of deterioration, material composition of objects, monitoring of environment, care and handling of different objects. |   |     |                 |  |
| Credits: 2  |   |     | Core Compulsory |  |

| Credits: 2              | Core Compulsory       |
|-------------------------|-----------------------|
| Max. Marks: 100 (75+25) | Min. Passing Marks:33 |

Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-2

| Unit | Topics  | No. of<br>Lectures |
|------|---|--------------------|
| I    | Identification of different museum materials: Organic, Inorganic & Composite.   | 6                  |
| п    | Identification of conservation problem: nature, type and extent of deterioration, and preparing a case study report.  Identification of deterioration of different Organic Objects like - Wood, Bamboo, Basketry, Leather, Paper, Drawings, Manuscripts, Photograph, Textiles, Ivory, Bone and Horn.  Identification of deterioration of different Inorganic Objects like Iron, Steel, Copper, Gold, Silver, Lead, Terracotta, Glass, Stone, Minerals, Rocks and Fossils. | 8                  |
| III  | Prepare a Laboratory documentation report of any object.  Handling and use of instruments like - Light Meter, UV Monitor, Hygrometer, Thermo – hygrographs etc. for Monitoring Museum Environment i.e. RH, Humidity, Temperature, Light etc.  | 8                  |
| IV   | Handling of museum collections: how to handle small delicate objects; flat and flexible objects; large flat textiles; books and manuscripts; furniture; framed objects; heavy and awkward objects.  Use of Silica gel. Good housekeeping practices.   | 8                  |

#### **Suggested Readings:**

- 1. Agrawal, OP: Preservation of Art Objects and Library Materials, National Book Trust, 1993.
- 2. Agrawal, O. P. Care and Preservation of Museum Objects, NRLC, 1977.
- 3. Ambrose,T & Paine, C. Museum Basics (Heritage-Care-Preservation-Management), Routledge, 2012.
- 4. Satyamurti, S. T. Handbook of Museum Technique, Govt. Museum, Chennai, 1998.
- 5. Stolow, N. "Conservation and exhibitions: packing, transport, storage, and environmental considerations", Butterworths, London, Boston, 1987.
- 6. Swarnakamal Protection and Conservation of Museum Collection, museum and picture gallery, Baroda, Museum and Picture Gallery, 1975.
- 7. Marchali, K.T. Conservation Manual, B. R. Publishing, Delhi, 1923.
- 8. Singh, A.P. Conservation & Museum Technique, Agam Kala Prakashan, 1987.
- 9. Thomson, Garry. Museum Environment, Butterworth Heinemann, 1978.
- 10. Thompson, J. M. A. Manual of Curatorship, A Guide to Museum Practice, Butterworth Heinemann, 1992.

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| This course can be opted as an elective by the students of following subjects: Open for all |  |
|---|--|
|   |  |

| Suggested Continuous Internal Evaluation Methods (25 Marks):                                   |  |  |  |  |  |
|--|--|--|--|--|--|
| Seminar/Assignment on any topic of the above syllabus.   |  |  |  |  |  |
| <ul> <li>Test with multiple choice questions / short and long answer questions.</li> </ul>     |  |  |  |  |  |
| Research Orientation of the student.   |  |  |  |  |  |
| • Quiz.  |  |  |  |  |  |
|  |  |  |  |  |  |
| Course prerequisites: To study this course, a student must have pass in 12 <sup>th</sup> class |  |  |  |  |  |
|  |  |  |  |  |  |
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| Suggested equivalent online courses:   |  |  |  |  |  |
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| Further Suggestions:   |  |  |  |  |  |
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| Programme/<br>Degree/BA  | /Class: Bachelor                                  | Year: Third                                  |                       | Semester: Sixth |  |
|--|---|--|-----------------------|-----------------|--|
| Subject: Archaeology and Museology   |   |  |                       |                 |  |
| Course Code  | e: A230604R                                       | Course Title: Museum Visit & Project Writing |                       |                 |  |
| Credit: 3  |   |  | Core compulsory       |                 |  |
| Max. marks: 100 (75 Project Report + 25 Viva)                                |   |  | Min. passing marks 33 |                 |  |
| Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 0-0-3  |   |  |                       |                 |  |
| Course Outcome:  |   |  |                       |                 |  |
| This section will helpful for student to know the museum and its different   |   |  |                       |                 |  |
| functions. From the museum visit, students know the methods of collection,   |   |  |                       |                 |  |
| documentation, display technique, conservation technique etc.                |   |  |                       |                 |  |
| Unit   | Title   |  |                       | No. of Lecture  |  |
| 1  | Visit any one museum and submit a project report. |  |                       | 45              |  |
|  |   |  |                       |                 |  |
|  |   |  |                       |                 |  |
| Suggested Continuous Internal Evaluation+ External Evaluation (50+50 Marks): |   |  |                       |                 |  |
| Seminar/Assignment   |   |  |                       |                 |  |
| • Research Orientation of the student.                                       |   |  |                       |                 |  |