



DECCAN COLLEGE
POST-GRADUATE & RESEARCH INSTITUTE
PUNE – 411006 (INDIA)
(Deemed to be University declared under section 3 of UGC Act 1956)

SYLLABUS

POST-GRADUATE DIPLOMA IN MUSEOLOGY

2023

Need for P.G. Diploma in Museology

In the twenty-first century, there is an increase in the number of museums managed by the government, public and private sectors. Also, the number of small museums with interesting concepts are increasing day by day in the recent past. In proportion to this development, there is a dearth of skilled human resources for the management and upkeep of these museums on one hand and conserving the specimens on the other. Only a few universities have museology courses in India. In Maharashtra, there is a need for P.G. Diploma in Museology. Keeping this in mind, a P.G. Diploma in Museology at DC PGRI, Pune is being proposed. We have two museums i.e., the Archaeology Museum and Maratha History Museum.

The specific aims of the course

1. Bringing clarification among the students about the theory and practice necessary for the effective management of a museum.
2. Providing insightful knowledge of “longstanding societal and cultural process” and structured understanding of the historicity of cultural materiality to the students, majorly for the better interpretation and curation of a museum collection.
3. To provide an in-depth understanding of various approaches and methods involved with the identification, documentation, presentation and preservation of museum objects and specimens.
4. To equip students with knowledge and training about the dynamic role that a museum and museum personnel play as an institutional body for community development, educational development, tourism and building national identity.
5. To encourage students to carry out the highest order of research programs of cultural or scientific value in specialist areas for the advancement of future care and to contribute to the accumulation of knowledge for widening our understanding of human history.
6. To provide appropriate training in how to organize public-oriented events, build volunteer organizations, fundraise from external sources, and establish an institutional partnership.
7. To provide students, at the successful completion of the course, with a qualification which will assist their professional career in the museum and galleries sector.

Rules and Regulation

1. The One-year Programme in Museology is titled “P.G. Diploma in Museology.”
2. Minimum eligibility for the said P.G. Diploma in Museology is Graduation in any stream from a UGC-recognized Indian and Foreign university (as per the AIU foreign equivalence list) having secured a minimum of 55% aggregate in case of General and OBC categories and 50% in case of candidates belonging to SC/ST categories are eligible to apply.
3. The total intake of the students for the P.G. Diploma in Museology is initially 25. Reservation of seats in this course will be as per the Government policy. The selection criterion is through an entrance test, and a personal interaction if necessary. For in-service or sponsored candidates, it will be only through interviews.

4. The course content teaching and evaluation will be bilingual (English and Hindi).
5. The P.G. Diploma in Museology will be conducted in the Semester mode. Semester I will have five courses/papers of four credits each (Choice Based Credit System). Semester II will have 4 papers with the exception of MUS 204 of 8 credits.
6. An important component of this program is to develop student's skills for museum service.

How to Apply

A duly filled application form must reach the Academic Section after the announcement on the Deccan College website (<https://www.dcpune.ac.in>). The selected candidates will receive a formal intimation letter for admission from the office.

Assessment Methods

For museum courses, the methods of assessment shall include at least three of the following:

1. Written Test
2. Practical Assignment
3. Laboratory Report
4. Seminar Presentation
5. Group activity
6. Field related activity
7. Lectures
8. Workshops
9. Student-led group work Online work
10. Study visits/fieldwork Feedback on all assessed work self-directed learning independent research

Course Outcome

1. Wider knowledge and ability to critically engage themselves with major theoretical, methodological, and professional themes in contemporary museum studies as defined in the course framework.
2. The student should be demonstrating their self and cultural awareness regarding the range of museum-related issues, and creatively and thoughtfully apply the knowledge gained from the course within specific professional and academic contexts.
3. Demonstrate the intellectual skills appropriate to postgraduate study.
4. Work both independently and collaboratively.
5. Demonstrate a range of personal transferable skills including communication skills. Perform to a high professional standard to secure employment.
6. Plan a response to research questions by formulation of aims, objectives and methodologies based on a comprehensive understanding of museum studies research. Locate, select and analyze information relevant to a research project.

P.G. Diploma in Museology

Paper code	SEMESTER-I	Marks		Full Marks	No. of Credits
		External	Internal		
					Total
MUS 101	Introduction to Museum and Museology: Emergence and Concepts	50	50	100	4
MUS 102	Collection Management and Museum Documentation	50	50	100	4
MUS 103	Museum Exhibition and Education	50	50	100	4
MUS 104	Museum and Archaeology	50	50	100	4
MUS 105	Case Study/Project	50 (Report)	50 (Viva-Voce)	100	4
	SEMESTER –II				
MUS 201	Museum and Heritage Sustainability	50	50	100	4
MUS 202	Museum Education, Interpretation and Publication	50	50	100	4
MUS 203	Care and Preservation of Museum Objects	50	50	100	4
MUS 204	Internship (Compulsory)				8
Total	8 Papers			800	40

SEMESTER-I

MUS 101: Introduction to Museum and Museology: Emergence and Concepts

Credits- 4 L (60 TH)

Unit 1: Introduction to Museology (12 TH)

- i. Definition of Museum, scope and function (aims and objectives)
- ii. Museology, museography and other developments, eg new museology, critical museology, total museology, inclusive Museology, heritage study, and digital heritage
- iii. Types and classification of museums, changing concepts of museums
- iv. Museology as a profession
- v. Professional Ethics
- vi. Museology as an Academic Discipline

Unit 2: History and Philosophy of Museums (8 TH)

- i. History and Philosophy of Museums in India and Abroad
- ii. Museum movement in India
- iii. Growth and Expansion of Museums in the Colonial Context
- iv. Objectives of Museums

Unit 3: Functions and Types of Museums (12 TH)

- i. Primary functions of the Museum (Collection, Conservation, Documentation, Exhibition, Education, Research).
- ii. Types and classification of museums, changing concepts of museums.
- iii. Art and Archaeological Museums, Anthropological Museums, Ethnological Museums, Natural History Museums, Science Museums, Children's Museums, Wax Museums, Underwater, Digital, and Personalia Museums iv. Inclusion of a zoo, botanical garden, planetarium, science centre, reserve forest and sanctuary, eco-museum, open-air museum, neighbourhood museum, virtual museum, heritage centres, etc, in the ambit of classical museums.

Unit 4 Recent Development in Museum and Museology (5 TH)

- i. Origin and Definition of ECO and New Museology
- ii. Origin and Definition of Para and Virtual Museum

Unit 5 Building Requirements (12 TH)

- i. Site and Location Selection for Proposed Museum
- ii. Adaptation of Old Buildings for Museums
- iii. Conceptual Design for Museum Building
- iv. Phase-Wise Physical Planning for Museum Building

Unit 6 Museum Environment (7 TH)

- i. Relation between Architect, Museologist and Museum Authority
- ii. Space Allocation for Public and Service Areas
- iii. Cleaning and Maintenance of Museum Buildings
- iv. Security of the Museum Building

Unit 7 Professional Bodies Related to Museum (4 TH)

- i. ICOM and UNESCO
- ii. ICOM Code of Professional Ethics

Selected Reading List

1. Agarwal Usha, 2000. *Directory of Museums in India*. New Delhi: Sundeep Prakashan.
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6. Ambrose, T.M. 1993. *Managing New Museums: A Guide to Good Practice*, HMSO/Scottish Museums Council.
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22. Jenkins, P. 1993. Museum Futures, *Museums Journal* 19 (7): 22-23.
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25. Kavanagh, G. (Ed.) 1991. *Museum Languages: Objects and Texts*. Leicester, London and New York: Leicester University Press.
26. Lewis, J. 1990 *Art, Culture and Enterprise: The Politics of Art and the Cultural Industries*. London: Routledge.
27. Lord, G.D. and B. Lord (Eds.) 1991. *The Manual of Museum Planning*, Museum of Science and Industry. London: Manchester and HMSO.
28. Manvi. 2012. *Communication and Education in Indian Museums*. New Delhi: Agam Kala Prakashan.
29. O'Neill, M. 1991. Museums and their communities, in Lord, G. and B. Lord (Eds.), *The Manual of Museum Planning*, pp.19-34. London: Museum of Science and Industry, Manchester and HMSO.
30. O'Neill, M. 1992. Piero della Francesca and the trainspotters, *A New Head of Steam: Industrial History in the Museum*, Scottish Museums Council, 33-36.
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41. Van Mensch, P. 1998. *Museology and Museums*, ICOM News, Paris: UNESCO Vol. 41 (3).
42. Vergo, Peter 1989. *New Museology*. London: Reaktion Books.
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44. Weil, S.E. 1990. *Rethinking the Museum and Other and Meditations*. Washington DC: Smithsonian Institution Press.
45. Wittlin, A.S. 1970. *Museums: In Search of Usable Future*. Cambridge, Mass: MIT Press. Seth.

MUS 102: Collection Management and Museum Documentation

Credits- 4 L (60 TH)

Unit 1: Museum Collection Management (26 TH)

i. Acquisition:

- i. Historical Background of Museum Collection
- ii. Ethics of collection
- iii. Modes of acquisition: Gift, bequeath, excavation, exploration, expedition, loan, exchange, purchase, confiscation, and fabrication
- iv. Authentication Method
- v. Art and Artifact Purchase Committee
- vi. Insurance
- vii. Replication/duplication, forgery, export/import, auction

ii. Registration and Documentation:

- i. Accessioning and deaccessioning
- ii. Numbering
- iii. Marking
- iv. Identification, classification, dating, a search of bibliographical reference
- v. Cataloguing
- vi. Indexing
- vii. Photo documentation
- viii. Computerised documentation, digital cataloguing
- ix. Problems in documentation, eg, fabricated exhibits, plastic art, oral history (non-material culture/ intangible heritage)

iii. Storage and transport of collection

- i. Packaging: material, methods, etc.
- ii. Handling the Collection: During the transit
- iii. Trans-shipment: modes, methods, insurance

Unit 2: Museum Storage Management (5 TH)

- i. Storage Placement in Museum Buildings
- ii. Environment and Visual Storage Concept
- iii. Handling, Packing and Moving Collections

Unit 3: Meaning and Purpose of Documentation (12 TH)

- i. Documentation Policy
- ii. Numbering system
- iii. Types of numbering systems: bipartite, tripartite and classified numbering systems
- iv. Different types of documentation: temporary documentation, item and control documentation
- v. Temporary Registration

- vi. Accession register
- vii. Catalogue cards, Index cards, Gallery cards and Register
- viii. Organisation and maintenance of reference library principles of Library Science

Unit 4: Storage Documentation System (5 TH)

- i. Museum Security and Reserve of Collections
- ii. Existing Protection Laws and Directives

Unit 5: Museum Documentation System (12 TH)

- i. Collection Procedures
- ii. Exhibits Loan Service
- iii. Policy and Procedures of Exhibition Load Service
- iv. Ethics of Collection
- v. Photography, Film and Video
- vi. Collection and Field Documentation
- vii. Computerized Documentation
- viii. Copyright/Intellectual Property Right

Selected Reading List

1. Anon 1973. Ethics of acquisition, *ICOM (International Council of Museums) News* 26 (1): 77.
2. Appelbaum, B. 1991. *Guide to Environmental Protection of Collections*. Connecticut: Sound View Press.
3. Bachmann, K. 1992. *Conservation Concerns: A Guide for Collectors and Conservators*. Smithsonian: Institution and Cooper Hewitt.
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13. Davies, S. 1992. Yesterday's collecting: tomorrow's collections, *Museums Journal* 92 (7): 19-20.
14. Deecke, T. 1991. Old traditions and new ways in the acquisition policies of German public art galleries, *Museum Management and Curatorship* 10:168-171.
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28. Greenfield, J. 1989. *The Return of Cultural Treasures*, Cambridge University Press.
29. Herholdt, E.M. 1990. *Natural History Collections: Their Management and Value*. Pretoria: Special Publication No.1, Transvaal Museum.
30. Hill, R. 1993. Beyond repatriation, *History News* 48 (2): 9-10.
31. Hitchcock, A. 1980. Collections policy, *Canadian Museums Association (CMA) Gazette* 13(2): 40-68.
32. Inland Revenue 1986 a. *Capital Taxation and the National Heritage*. Board of Inland Revenue, London.
33. Inland Revenue 1986 b. *Gift Aid: A Guide for Donors and Charities*. Board of Inland Revenue, London.
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36. Jacob, J. 1971. The sale and disposal of museum objects, *Museums Journal* 71(3): 112-16.
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MUS 103: Museum Exhibition and Education

Credits- 4 L (60 TH)

Unit 1: Principles of Museum Exhibitions and Display (10 TH)

- i. Objectives and Purposes of Museum Exhibitions
- ii. Display furniture and fixtures: cases, pedestals, stands, panels, mounts, lighting fixtures
- iii. Circulation: random, suggestive, directional
- iv. Labels: types, material, size, language, position, execution, evaluation
- v. Visual and verbal aids: charts, graphs/graphics, photographs, film/video, CD- ROM/DVD
- vi. Types of exhibits: original/fabricated, static/movable, models (scale/non-scale, working/non-working), participatory/interactive, diorama/habitat group, tableaux,
- vii. Types of exhibitions: object-oriented/concept-oriented, thematic, contextual, chronological, geographical, integral, comparative, natural, synthetic, didactic, special, permanent/temporary/travelling/circulating/mobile, etc.

Unit 2: Exhibition Setup (20 TH)

Principles of exhibition designing

- i. Human factors: basic human dimensions (anthropomorphic data), ergonomics, human nature and tendencies Principles of exhibit arrangement and use of space
- ii. Objective (individual exhibits and overall exhibition)
- iii. Conceptualisation, goal/target, theme development, sequencing and story development, reference research
- iv. Curator, Designer, Educator interaction; division of labour
- v. Planning and designing exhibits in a particular setting: layout drawing, mock-up (scale model), colour scheme, accessibility, visitor circulation, evaluation (frontend) and correction
- vi. Designing individual exhibits, working sheets/drawings, collection/fabrication, and arrangement/mounting/installation
- vii. Animation techniques: optical, mechanical, electrical, electromechanical, electronic, computerised, robotics, etc.
- viii. Interaction/participation modes
- ix. Principles of exhibit lighting
- x. Audio-visual aids

- xi. Text: content, size, fonts, background, placement, and storyline
- xii. Documentation
- xiii. Scheduling
- xiv. Evaluation: front-end, formative and summative; correction

Unit 3: Museum Interpretation and Communication (10 TH)

- i. Principles of Interpretation in Museum
- ii. Theories of Interpretation in Museum Realm and their Development
- iii. Tilden's Approach
- iv. Sam Ham and Museum Communication through TORE
- v. Beck and Cable's idea of Holistic Museum Communication
- vi. Major models
- vii. Communication strategies, interpersonal relations
- viii. Verbal and visual communication

Unit 4: Museum Education (20 TH)

- i. Concept of Museum as Education Centre
- ii. Principles of Museum Education
- iii. Role of Museum in Informal Education
- iv. Educational Programs in Museums: Pre-visit orientation, guiding, popular lectures, demonstration lectures, discovery rooms, film shows, audio-video shows, quiz programmes, declamation, essay competition, science kit, art kit, sit and draw, hobby activities, creativity centres, production of educational resource material, Teachers' training programme, etc.
- v. Target Groups
- vi. Teaching and Learning Methods in Museum
- vii. Museum Publication
- viii. Cards, folders, monographs, bulletins, guidebooks, catalogues, statutes, annual reports, mission/ vision statements, forward plans, etc
- ix. Extension Service and Outreach Program School loan service
- x. Travelling exhibition, mobile exhibition, museobus: design, organisation, scheduling
- xi. Special programmes at the school, science or art fairs, seminars, a walk-through trip to cultural/ natural heritage sites, etc
- xii. Museum recreation and games, discovery/ activity rooms
- xiii. Special programmes for children, aged, differently able, underprivileged
- xiv. Guided Tour
- xv. Significance of Guided Tours in Museums
- xvi. Guide Services in Museums

Selected Reading List

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 - Greenglass, D. 1986. Learning from objects in a museum, *Curator* 29(1):53-66.
 17. Hall Margaret, 1987. *On Display a design grammar in museum exhibitions*. Humanities Press.
 18. Hooper-Greenhill, E. (Ed.) 1989. *Initiatives in Museum Education*, Department of Museum Studies, University of Leicester.
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 20. Hooper-Greenhill, E. (Ed.) 1991. *Writing a Museum Education Policy*. Department of Museum Studies, University of Leicester.
 21. Marcouse, R. 1968. The role of education in museums, *Museums Journal*, 68(3).
 22. Michael Belcher. 1991. *Exhibition in Museums*. Washington (DC): Leicester University press.
 23. Miles, R.S. 1988. *The Design of educational exhibits*. London: Routledge.
 24. Olofsson, U.K. (Ed.) 1979. *Museums and Children*. Paris: UNESCO.
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 26. Sahasrabudhe, P. 1968 The object, the child and the museum, *Museum*, 21(1): 51-4.
 27. Siliprandi, K. 1987. Playgroups and museums, *Journal of Education in Museums*, 8: 13-14.
 28. Stokstad, M. (Ed.) 1982. *Museums, Humanities and Educated Eyes*. Lawrence, Kansas: University of Kansas.
 29. T. Ambrose and C. Paine. 2012. *Museum Basics*. London: Routledge.
 30. Tilden, F. 1977. *Interpreting Our Heritage*. Chapel Hill: The University of North Carolina Press.

MUS 104: Museum and Archaeology

Credits- 4 L (60 TH)

Unit 1: History of Indian Archaeology (20 TH)

- i. From Antiquarianism to Archaeology (Royal Asiatic Society of Bengal and the Indian Museum, Calcutta- Col. Colin Mackenzie, Alexander Cunningham and the formation of the Archaeological Survey of India, Surveys, explorations, and excavations in different regions)
- ii. Major archaeological sites, monuments, museums and people (John Marshall – Mortimer Wheeler, Bruce Foote, A. Ghosh, Bridget and Raymond Allchins, S. R. Rao – H. D. Sankalia, Paddayya- representation of archaeology in the National Museum)

Unit 2: Fundamentals of Archaeology (10 TH)

- i. Human Evolution and Prehistory (Evolution corresponds to stone tools and techniques-Paleolithic-Mesolithic-Neolithic)
- ii. Survey and Excavation (exploration of physical and scientific, vertical, horizontal, and quadrant methods of excavation)
- iii. Documentation and Dating techniques (Absolute/chronometric and relative dating)
- iv. Care and storage of archaeological materials (packing, transportation, conservation, storage and display)

Unit 3: Archaeological approaches to artefacts (10 TH)

- i. Artefacts and their context
- ii. Attributes of material culture (ceramics, metal, trade, coins, sacred sites, past technology)
- iii. Descriptive and interpretive approaches
- iv. New Archaeological (Processual and Post processual approaches)

Unit 4: Epigraphy, Paleography and Numismatic Studies (20 TH)

- i. Decipherment of Brahmi and Kharosthi Scripts
- ii. Origin of Brahmi and Kharosthi
- iii. Role of Palaeography
- iv. Numismatic studies and its implication in understanding ancient Indian history

Selected Reading List

1. Alexander, E. P. and M. Alexander 2008. *Museums in Motion: An Introduction to the History and Functions of Museums*. Lanham, MD: AltaMira.
2. Allchin, Bridget and Allchin, Raymond 1997. *Origins of a Civilization: The Prehistory and Early Archaeology of South Asia*. New Delhi: Viking.
3. Anderson G. 2004. *Reinventing the Museum: Historical and Contemporary Perspectives on*

- the Paradigm Shift*. Walnut Creek, CA: AltaMira.
4. Bawaya M. 2007. Archaeology: curation in crisis. *Science* 317:1025–26.
 5. Bennett T. 1995. *The Birth of the Museum*. New York: Routledge.
 6. Black G. 2005. *The Engaging Museum: Developing Museums for Visitor Involvement*. London: Routledge.
 7. Carman J. 2005. *Against Cultural Property: Archaeology, Heritage, and Ownership*. London: Duckworth.
 8. Chakrabarti, Dilip K. 1988. *A History of Indian Archaeology: From the Beginning to 1947*. New Delhi: Munshiram Manoharlal.
 9. Chakrabarti, Dilip K. 1989. *Theoretical Perspectives in Indian Archaeology*. New Delhi: Munshiram Manoharlal.
 10. Chakrabarti, Dilip K. 2006. *Oxford Companion to Indian Archaeology*. New Delhi: Oxford University Press.
 11. David Diringer. 1996. *The Alphabet, A Key to the History of Mankind*, New Delhi: Munshiram Manoharlal.
 12. Dean D. 1994. *Museum Exhibition: Theory and Practice*. London/New York: Routledge.
 13. Gell A. 1998. *Art and Agency: An Anthropological Theory*. Oxford/New York: Clarendon.
 14. Ghosh, A. 1989 (Ed). *An Encyclopedia of Indian Archaeology*, Vols I and II. New Delhi: Munshiram Manoharlal.
 15. Gogte, V.D. 1983. Iron and Copper in Mahurjhari Megaliths: Chemical and Metallographic Analysis, *Bulletin of Deccan College Post-Graduation and Research Institute* 43: 49-52.
 16. Gokhale, S. 2008. *Lord of Dakshinapaths: Coins, Trade and Trade-Centers under the Satavahanas*. Mumbai:Reesha Books International.
 17. Goyal, S.R. 1994. *An Introduction to Gupta Numismatics*. Jodhpur: Kusumanjali Prakashan.
 - Gupta, P.L. 1969. *Coins*. India: National Book Trust.
 18. Handa, D. and M.K Gupta 2012. *Numismatic Gleanings*. Delhi: Agam Kala Prakashan.
 19. Hirano, Shinji. 2007. *The Ghaghara-Gandak River Region c.600-300 BC Archaic Silver Punchmarked Coinage*. Nashik: Indian Institute of Research in Numismatic Studies Publications.
 20. Hodder I. 1986. *Reading the Past: Current Approaches to Interpretation in Archaeology*. UK: Cambridge.
 21. Hudson K. 1987. *Museums of Influence*. Cambridge, UK/New York: Cambridge Univ. Press.
 22. Jameson J.H. (Ed.) 1997. *Presenting Archaeology to the Public: Digging for Truths*. Walnut Creek, CA: Altamira
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 24. Jeffers C.S. 2003. Museum as process. *J. Aesthet. Educ.* 37:107–19.
 25. Miller, Daniel and Tilley, Christopher (Eds) (1984) *Ideology, Power and Prehistory*. Cambridge: Cambridge University Press.
 26. Mukherjee, B.N. 1982. *Kushana Silver Coinage*. Calcutta: Indian Museum Publication.
 27. Mukherjee, B. N. 1988. *Technology of Indian Coinage*. Calcutta: Indian Museum.
 28. Mukherjee, B.N. 1990. *The Indian Gold: An Introduction to the Cabinet of Gold Coins in the Indian Museum*. Calcutta: Indian Museum Publication.
 29. Mukherjee, B. N. 2007. *Numismatics Art of India: An Album of the Masterpieces of Indian Coins*. New Delhi: Munshiram Manoharlal.
 30. Myrberg, N. 2007. The Social Identity of Coin Hoards: an example of Theory and Practice in the Space between Numismatics and Archaeology, in H.M.V. Kaenel and F. Kemmers (Eds), *Coins in Context I: New Perspectives for the Interpretation of Coin Finds*, Germany:

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31. Needham, A. and M. Tariq 2014. *The Coins of India: The Mughal Emperors, Part VII (M7)*. New Delhi: Manohar Publishers and Distributors.
32. Pearce S.M. 1997. Archaeology as collection. In *Representing Archaeology in Museums*, Ed. GT Denford. *Soc.Mus. Archaeol.* 22:6–12.
33. Prown, Jules 1982. 'Mind in Matter: An Introduction to Material Culture Theory and Method' in *Winterthur Portfolio*, 17 (1): 1-19.
34. Rajan, K. 2002. *Archaeology: Principles and Methods*. Tanjavur.
35. Rajgor, Dilip 2000. *Palaeolinguistic Profile of Brahmi Script*. Delhi: Pratibha Prakashan.
36. Raman, K. V. 1976. *Principles and Methods in Archaeology*. Madras.
37. Ray, H. P. 2008. *Colonial Archaeology in South Asia: The Legacy of Sir Robert Mortimer Wheeler*, OUP, 2008.
38. Ray, H.P, and Carla M. Sinapoli 2000. *Archaeology as History in Early South Asia*. New Delhi: ICHR and Aryan Books International.
39. Renfrew C. 2006. *Loot, Legitimacy and Ownership: The Ethical Crisis in Archaeology*. London: Duckworth.
40. Renfrew, Colin and Paul Bahn (Ed.) 2005. *Archaeology: The Key Concepts*. London: Routledge.
41. Roy, Sourindranath 1961. *The Story of Indian Archaeology, 1784-1947*, New Delhi: ASI.
- Sankalia, H.D. 1962. *Indian Archaeology Today*, Bombay: Asia Publishing House.
42. Shanks, M. and C.Y. Tilley 1992. *Re-Constructing Archaeology: Theory and Practice*. London/New York: Routledge.
43. Singh, Upinder 2004. *The Discovery of Ancient India: Early Archaeologists and the Beginnings of Archaeology*. Delhi: Permanent Black.
44. Swain, H. 2007. *An Introduction to Museum Archaeology*. Cambridge/New York: Cambridge University Press.
45. Tilley, Christopher (Ed.) (1993) *Interpretative Archaeology*. Oxford: Berg.
46. Weil, S.E. 1990. *Rethinking the Museum and other Meditations*. Washington, DC: Smithsonian. Inst. Press.
47. Weil, S.E. 1995. *A Cabinet of Curiosities: Inquiries into Museums and their Prospects*. Washington, DC: Smithsonian. Press. York: Cambridge Univ. Press.

Mus 105: Case Study/Project

Credits- 4 L (60 TH)

This paper allows students to undertake a Case study/Project and submit a report. Followed by Viva-Voce.

Course outcome:

Students learn how to do research and contribute new research findings.

SEMESTER-II

MUS 201: Museum and Heritage Sustainability

Credits- 4 L (60 TH)

Unit 1: Context of Sustainability and Heritage (20 TH)

- i. What are Cultural heritage sustainability and its principals
- ii. Indigenous-, community- and land-based knowledge and stewardship
- iii. International Ideals: Sustainable Development Goals, World Heritage and Indigenous Rights
- iv. Bridging natural-cultural heritage conservation and Sustainability

Unit 2: Museum and Sustainable development goals (20 TH)

- i. Historic cities, suburbs and sustainable planning/regulation
- ii. Safeguarding Intangible and tangible cultural heritage
- iii. Capacity Building and Cultural Mapping

Unit 3: Museum and Sustainable Heritage Tourism (20 TH)

- i. Philosophy of Marketing
- ii. Marketing of heritage tourism
- iii. Sustainable development issues in heritage tourism, marketing model, local community Involvement, partnership and collaboration
- iv. Heritage museum, hotels, festivals: Gandhi Memorial Museum and Tibet House Museum, New Delhi, India; Imperial Hotel, New Delhi, India; Hozenji Hotel, Japan; Kumbh Mela, Allahabad, India.
- v. Authentic heritage merchandise, market and shopping

Selected Reading List

1. Alzua, A., J.T. O'Leary and A.M. Morrison 1998. Cultural and Heritage Tourism: Identifying Niches for International Travelers. *Journal of Tourism Studies* 9(2): 2–13.
2. Andreasen, A. 2002. Marketing Social Marketing in the Social Change Marketplace. *Journal of Public Policy and Marketing* 21(1): 3–13.
3. Ashworth, G. 2003. *Heritage: Management, Interpretation, Identity*. London: Continuum Books.
4. Ashworth, G. and P. Larkham (Eds.) 1994. *Marketing in the Tourism Industry*. London: Routledge.
5. Avrami, Erica 2011. Sustainability and the Built Environment: Forging a Role for Heritage Conservation, Conservation Perspectives the GCI Newsletter. *Heritage and Sustainability Issue* 26 (1): 4-9.
6. Basu, P. and W. Modest (Eds.) 2015. *Museum, Heritage and International Development*. New York: Routledge.
7. Bernard, B. and B. Lane 1993. Sustainable Tourism: An Evolving Global Approach. *Journal of Sustainable Tourism* 1(1): 1–5.
8. Berry, S. and A. Ladkin 1997. Sustainable Tourism: A Regional Perspective. *Tourism*

- Management* 18(7): 433–440.
9. Caldwell, L. 1996. Heritage tourism: A tool for economic development. In P. Atkinson-Wells (Ed.) *Keys to the marketplace: Problems and issues in cultural and heritage tourism* pp. 125– 131. Middlesex, UK: Hisarlik Press.
 10. Chhabra, Deepak. 2010. *Sustainable Marketing of Cultural and Heritage Tourism*. New York: Routledge.
 11. Chhabra, D. 2005. Defining Authenticity and Its Determinants: Toward an Authenticity Flow Model. *Journal of Travel Research* 44(1): 64–73.
 12. Chhabra, D. 2008. Positioning Museums on an Authenticity Continuum. *Annals of Tourism Research* 35(2): 427–447.
 13. Chhabra, D. 2009. Proposing a Sustainable Marketing Framework for Heritage Tourism. *Journal of Sustainable Tourism* 17(3): 313–320.
 14. Clarkson, Linda et al, 1992. “Calls to Actions,” Our Responsibility to the Seventh Generation, Indigenous Peoples and Sustainable Development, International Institute for Sustainable Development, pp.: 77-92.
 15. David 2007. A Bridge over the Chasm: Finding Ways to Achieve Integrated Natural and Cultural Heritage Conservation. *International Journal of Heritage Studies*, 13. 4–5: 380–392.
 16. De Silva, Megan and Jane Henderson 2011. Sustainability in Conservation Practice,” *Journal of the Institute of Conservation* 34 (1): 5-15.
 17. Disko, Stefan and Max Ooft 2018. The World Heritage and Sustainable Development Policy- A turning point for Indigenous peoples? pp.101-119, in Larsen and Logan, *World Heritage and Sustainable Development*.
 18. Du Cros, H. 2001. A New Model to Assist in Planning for Sustainable Cultural Heritage Tourism. *International Journal of Tourism Research* 3(2): 165– 170.
 19. Du Cros, H. 2007. Too Much of a Good Thing? Visitor Congestion Management Issues for Popular World Heritage Tourist Attractions. *Journal of Heritage Tourism*, 2(3): 225–237.
 20. Du Cros, H. 2009. Emerging Issues for Cultural Tourism in Macau. *Journal of Current Chinese Affairs* 38(1): 73– 99.
 21. Dutton, S. and Busby, G. 2002. Antiques-based Tourism: Our Common Heritage? *Acta Turistica* 14(2): 97–119.
 22. Geller, E.S. 1989. Applied Behavior Analysis and Social Marketing: An Integration for Environmental Preservation. *Journal of Social Issues* 45(1): 17–36.
 23. Getz, D. 1991. *Festivals, Special Events, and Tourism*. New York: Van Nostr and Reinhold.
 24. Getz, D. 1993. Tourist Shopping Villages: Development and Planning Strategies. *Tourism Management* 14(1): 15–26.
 25. Getz, D. 1997. *Event Management and Event Tourism*. New York: Cognizant Communication Corporation.
 26. Kaul, H. and Gupta, S. 2009. Sustainable Tourism in India. *Worldwide Hospitality and Tourism Themes* 1(1): 12–18.
 27. Labadi, Sophia 2018, “Historical, theoretical and international considerations on culture, heritage and (sustainable) development,” pp. 37-50, in Larsen, Peter Bille and William Logan, (Eds.) *World Heritage and Sustainable Development, New Directions in World Heritage Management*. London: Routledge.
 28. Landorf, Chris 2011. Evaluating social sustainability in historic urban environments. *International Journal of Heritage Studies* 17(5): 463-477.
 29. Oldekorp, J.A., et al. 2015. A global assessment of the social and conservation outcomes of protected areas. *Conservation Biology* 30 (1): 133-141.
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32. Turner, M., and P.M. O'Donnell 2015. *UNESCO report on urban heritage*. Paris: UNESCO.
33. Turner, Michael 2012. World Heritage and Sustainable Development. *World Heritage* 65: 8-15.
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35. UNESCO World Heritage Centre 2011. *Proposals concerning the desirability of a standard setting instrument on historic urban landscapes*. General Conference 36 C (p. 14). Paris: UNESCO.
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37. United Nations 2007. United Nations Declarations on the Rights of Indigenous Peoples.
38. United Nations 2015. Transforming Our World: the 2030 Agenda for Sustainable Development.
39. W. Nuryunti (Ed.) *Tourism and Heritage Management* (pp. 88–100). Yogyakarta: Gadjah Mada University Press.
40. World Heritage Committee 2015. Policy Document for the Integration of Sustainable Development Perspective into the Processes of the World Heritage Convention.

MUS 202: Museum Education, Interpretation and Publication

Credits- 4 L (60 TH)

Unit 1: Principles of Museum Education (15 TH)

- i. Definition of museum education
- ii. Museum as a learning resource
- iii. Museum education Vs formal education
- iv. Museums as centres for special education
- v. Elements of educational and behavioural psychology (cognitive psychology)
- vi. Theories of learning and visual perception
- vii. Role and potential of museums in informal, non-formal and formal education/learning
- viii. Museums and life-long learning
- ix. Barriers to learning in museums
- x. Education versus interpretation
- xi. Ethics of museum education

Unit 2: Museum Education (15 TH)

- i. Theories of learning- characteristics of learning in museums- various learning activities such as guides tours, lectures, talks, storytelling, workbooks, workshops, demonstrations, drama, role play, live interpretation, and digital methods, for different target groups

- ii. Making learning opportunities accessible to persons with disabilities
- iii. Museum extension services – travelling and mobile exhibitions, school loan kits, community programmes, excursions, field trips, and heritage walks. Extension through digital media
- iv. Museum publication – purpose and types.
- v. Feedback – purposes and methods

Unit 3: Educational Programmes (5 TH)

Pre-visit orientation, guiding, popular lectures, demonstration lectures, discovery rooms, film shows, audio-video shows, quiz programmes, declamation, essay competition, science kit, art kit, sit and draw, hobby activities, creativity centres, production of educational resource material, Teachers' training programme.

Unit 4: Extension/ Out-reach Programmes (15 TH)

- i. School loan service
- ii. Travelling exhibition
- iii. Mobile exhibition
- iv. Museobus: design, organisation, scheduling
- v. Special programmes at the school, science or art fairs, seminars, and walk-through trips to cultural/ natural heritage sites.
- vi. Special programmes: For children, aged, handicapped, and underprivileged.
- vii. Museum recreation and games, discovery/ activity rooms.
- viii. Museum publication: cards, folders, monographs, bulletins, guidebooks, catalogues, statutes, annual reports, mission/ vision statements, and forward plans.

Unit 5: Museum Publications (10 TH)

- i. Catalogues of Collection, Popular guidebooks, Poster, Poster cards, Stickers.
- ii. Technical papers, Manuscripts and research papers, monographs, Video discs, audiotapes and computer software.
- iii. Modern methods of publications
- iv. E-Publications, E-books, E-Journals.

Selected Reading List

1. Adams, G. 1989. *Museums and Galleries: A Teachers Handbook*. Hutchinson.
2. Ambrose, T.M. (Ed.) 1987. *Education in Museums: Museums in Education*. Edinburgh: Scottish Museums Council and HMSO.
3. Anderson, D. 1989 Learning history in museums, *International J. of Museum Management and Curatorship* 8: 357-368.
4. Anon 1967. The influence of museums on education, *Museums Journal* 67(1): 60.
5. Chadwick, A.F. 1980. *The Role of the Museum and Art Gallery in Community Education*, University of Nottingham.

6. Chapman, L.H. 1982. The future and museum education, *Museum News* 60 (6): 48-56.
7. Dornie, David 2006. *Exhibition Design*. New York: Laurence King.
8. Dewey, J. 1979. *Experience and Education*. London: Collier Macmillan Publishers.
9. Divali, P. 1989. Museum education - a new ERA?, *Museums Journal* 89 (2):23-24.
10. Eilean Hooper, Greenhill. 1991. *Museum and gallery education*. Washington (DC): Leicester University Press.
11. Elizabeth Bogle. 2013. *Museum Exhibition Planning and Design*. New York: Altimira press.
12. Fairley, J. 1977. *History Teaching Through Museums*. London: Longmans.
13. Fertig, B. 1982. Historians, artefacts, learners: the history museum as educator. *Museum News* 60 (6): 57-61.
14. Glodberg, J. 1987. Opening eyes and minds. *Museum* 39(1): 40-44.
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18. Hooper-Greenhill, E. (Ed.) 1989. *Initiatives in Museum Education*, Department of Museum Studies, University of Leicester.
19. Hooper-Greenhill, E. (Ed.) 1991. *Writing a Museum Education Policy*. Department of Museum Studies, University of Leicester.
20. Marcouse, R. 1968. The role of education in museums. *Museums Journal* 68(3).
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24. Siliprandi, K. 1987. Playgroups and museums, *Journal of Education in Museums*, 8: 13-14.
25. Stokstad, M. (Ed.) 1982. *Museums, Humanities and Educated Eyes*. Lawrence, Kansas: University of Kansas.

MUS 203: Care and Preservation of Museum Objects

Credits- 4 L (60 TH)

Unit 1: Conservation and Preservation (20 TH)

i. General Principles of Conservation

- i. Preventive measures
- ii. Curative measures ii. Analysis of collected materials and preventive conservation
- iii. Organic and inorganic objects
- iv. Physical, chemical and biological changes – glass, metal, paper, stone, textile, wood and ivory
- v. Basic preventive conservation – cleaning and simple treatment
- vi. Causes of deterioration

Unit 2: Micro Climate and Museum Buildings (5 TH)

- i. Climatology and Museum Architecture
- ii. Public Convenience in Museum Buildings
- iii. Disaster Management and Museum Architecture

Unit 3: Museum Security Management (5 TH)

- i. Physical Security Personnel
- ii. Electric and Electronic Devices in Museum Security
- iii. Museum Security and Museum Architecture

Unit 4: Conservation and Preservation (20 TH)

- i. General Principles of Conservation, Preservation and Restoration
- ii. Analysis of Materials
- iii. Causes of Deterioration
- iv. Treatment of Organic and Inorganic Objects
- v. Wet Preservation of Biological Specimens
- vi. Museum Laboratory and Documentation Procedure

Unit 5: Conservation Policy (10 TH)

- i. Traditional Method of Care and Preservation of Cultural Objects
- ii. Risk Analysis and Management
- iii. Role of Curator and Conservator in Conservation
- iv. Museum Laboratory
- v. Conservation Ethics

Selected Reading List

1. Black, J. (Ed.) 1987. *Recent Advances in the Conservation and Analysis of Artefacts*, University of London, Institute of Archaeology.
2. Brill, T.D. 1980. *Light: Its Interaction with Art and Antiquities*, Plenum Press, New York.
3. Clapp, A.F. 1987. *Curatorial Care of Works of Art on Paper*. Lyons, New York.
4. Clydesdale, A. 1990. *Chemicals in Conservation: A Guide to Possible Hazards and Safe Use*, Scottish Society for Conservation and Restoration, Edinburgh.
5. Cronyn, J.M. 1990. *Elements of Archaeological Conservation*. London: Routledge.
6. Crowther, P.R. and C.J. Collins (Eds.) 1987. *The Conservation of Geological Material, Geological Curator 4*.
7. David, J. 1986. Light in museums. *Museums Journal* 85(4): 203-215.
8. Dollof, F.W. and R.L. Perkinson 1985. *How to Care for Works of Art on Paper*. Boston: Boston Museum of Fine Art.
9. Dowmann, E.A. 1970. *Conservation in Field Archaeology*. London: Methuen.
10. Ellis, M.H. 1988. *The Care of Prints and Drawings*, American Association for State and Local History (AASLH), Nashville, Tennessee.

11. Fall, F.K. 1973. *Art Objects: Their Care and Preservation*. California: McGilvery.
12. Finch, K. and G. Putman 1977. *Caring for Textiles*. London: Barrie and Jenkins.
13. Flury-Lemberg, M. 1988. *Textile Conservation and Research*. Bern. Abegg Stiftung.
14. Fogle, S. (Ed.) 1985. *Recent Advances in Leather Conservation*, American Institute for Conservation, Washington DC.
15. Garfield, D. 1989. Filling the gaps (work of Getty Conservation Institute), *Museum News* 68(1): 50-53.
16. Gerhard, C. 1990. *Preventative Conservation in the Tropics: A Bibliography*. New York: Institute of Fine Arts.
17. Glover, J.M. 1973. *Textiles: Their Care and Protection in Museums*, Museums Association Information Sheet No 18, London.
18. Griset, S. 1986. Preventative conservation measures for an ethnographic collection. *International J. of Museum Management and Curatorship* 5: 371-382.
19. Guldbek, P. 1972. *The Care of Historical Collections*, American Association for State and Local History, Nashville, Tennessee.
20. Hackney, S. 1990. Framing for conservation at the Tate Gallery, *The Conservator*, 14.
21. Horie, C.V. 1987. *Materials for Conservation*, Butterworth, London.
22. International Council of Museums 1985. Developments in Protection Methods, *ICOM (International Council of Museums) News*, 43: 2.
23. International Institute for Conservation 1964. *Textile Conservation*, Delft Conference.
24. International Institute for Conservation 1970. *Conservation of Stone and Wooden Objects*, New York Conference, International Institute for Conservation.
25. International Institute for Conservation 1975. *Conservation in Archaeology and the Applied Arts*, International Institute for Conservation.
26. International Institute for Conservation 1978. *Conservation of Wood in Paintings and the Decorative Arts*, International Institute for Conservation.
27. International Institute for Conservation 1983. *Science and Technology in the Service of Museums*, International Institute for Conservation.
28. Michalski, S. 1985. A relative humidity control module. *Museum* 37(2): 85-88.
29. Newton, R.G. and S. Davidson 1989. *Conservation of Glass*, Butterworth Heinemann, London.
30. Plenderleith, H.J. and P. Philpot 1960. Climatology and conservation in museums, *Museum*, 13(4): 242-89.
31. Plenderleith, H.J. and Werner, A.E.A. 1971. *The Conservation of Antiquities and Works of Art*. Oxford University Press.
32. Ramer, B.L. 1984. The design and construction of two humidity- controlled display cases, *Preprints of the 7th Triennial Meeting of the ICOM (International Council of Museums) Committee for Conservation*, Copenhagen, 17.46-17.49.
33. Ramer, B.L. 1984. The development of a local humidity control system, *International Journal of Museum Management and Curatorship* 3: 183-191.
34. Thomson, G. 1986. *The Museum Environment*, 2nd edition, Butterworth Heinemann.

Mus 204: Internship (Compulsory)

Credit 8

The students will be attached to two Museums at Deccan College or any other museum for one month to gain practical exposure to a particular area of museum work. They are expected to submit a request for their preference for an internship which is approved by the Head/Vice-Chancellor after considering administrative aspects. The candidate will be expected to work under the supervision of a museum professional and submit a report after completion through her/his supervisor with comments for evaluation.