

**LIST OF OPEN ELECTIVES
TO BE OFFERED IN THE ODD SEMESTER (SAP CAMPUS)**

FACULTY OF ARCHITECTURE AND PLANNING								
DEPARTMENT OF ARCHITECTURE								
SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P/S	C
B. Arch.								
1.	AR7591	Introduction to Art	OE	3	3	0	0	3
2.	AR7592	Appreciating Architecture	OE	3	3	0	0	3
3.	AR7593	Introduction to Design	OE	3	3	0	0	3
4.	AR7594	Introduction to Landscape and Landscape Design	OE	3	3	0	0	3

OBJECTIVES

- To give awareness about art as a fundamental human activity, its characteristics and ways in which it can be understood.
- To give familiarity with the vocabulary of art
- To enable the appreciation of art in particular contexts of time and place.

UNIT I INTRODUCTION TO ART**7**

Origin and need of art. Art as representation and expression. Role of art. Forms and categories of art in terms of media and technique- painting, sculpture, etc., Explaining the terms form/vocabulary, content/meaning and context/situation as a means of understanding and appreciating art.

UNIT II VOCABULARY OF ART**9**

Introduction to the vocabulary of art constituted by elements (line, shape, form, space, colour, light, value, texture) and principles (unity, variety, harmony, rhythm, balance, proportion, emphasis, contrast, movement) with at least one illustrative example for each.

UNIT III APPRECIATING ART – FROM EARLY TIMES TO MODERN ART**11**

Appreciating art works in terms of visual vocabulary and contextual importance with at least one example from the following periods- Prehistoric Art, Art of River Valley Civilisations- Egypt, Mesopotamia, Indus Valley civilisation. Greek and Roman art. Medieval art. Islamic Art. Buddhist and Hindu art. Mughal and Rajput miniature art. Indian folk art. Renaissance and Baroque art. Romanticism, Realism.

UNIT IV APPRECIATING MODERN ART**11**

Birth of modern art and its reasons. Appreciation of art from following movements with at least one example from each- Impressionism, Post Impressionism, Fauvism, Expressionism, Modern art, Abstract/ Non Objective art, Cubism, Dadaism, Surrealism, Futurism, Constructivism, Suprematism, De Stijl, Abstract Expressionism, Pop art, Op art.

UNIT V APPRECIATING CONTEMPORARY ART**7**

Outline of new forms and media in art from late 20th century. Installation art, land art, experiential art, digital art, etc., At least one example for each.

TOTAL: 45 PERIODS**OUTCOME**

- An understanding of art as basic and varied human creation related to cognition and experience.
- Ability to appreciate art from different ages and contexts.

REQUIRED READING

1. Fred, S. Kleiner, 'Gardener's Art through Ages', Wadsworth Publishing, 2012.
2. Bernard S. Myers, 'Understanding the Arts', Holt Rinehart and Winston Inc, 1964.
3. H.H. Arnason, 'History of Modern Art', Thames and Hudson, 1977.
4. Partha Mitter, 'Indian Art', Oxford University Press, 2001.
5. Edith Tomory, 'A History of Fine Arts in India and the West', Orient Blackswan, 1989.

REFERENCES

1. Peter and Linda Murray, 'The Penguin Dictionary of Art and Artists', Penguin, 1989.
2. E.H. Gombrich, 'The Story of Art', Phaidon, 2002.
3. E.H. Gombrich, 'Art and Illusion', Phaidon, 2002.
4. 'Indian Art since the early 1940s- A Search for Identity', Artists Handicrafts Association of Cholamandal Artists Village, Madras, 1974.
5. A.K. Coomaraswamy, Fundamentals of Indian Art, Historical Research Documentation Programme, Jaipur, 1985.

OBJECTIVES

- To give awareness about architecture as a fundamental human activity and its components and the process of architectural design.
- To give familiarity with the vocabulary of cognitive/ experiential/ visual aspects of architecture
- To enable the appreciation of architecture in particular contexts of time and place.

UNIT I INTRODUCTION TO ARCHITECTURE 9

Definition of architecture. Differences between architecture and other fields of design. Brief history of the architectural profession. The role of an architect. Brief outline of process of architectural design in terms of how an architect designs a building and the challenges involved. Basic components of architecture - use, means, site, shelter, relation to nature, structure, skin, materials, services, circulation, typology, aesthetics, expression, character, symbolism, experience, etc.,

UNIT II APPRECIATING EXPERIENTIAL ASPECTS OF ARCHITECTURE 9

Visual and cognitive aspects of architecture. Elements (form, line, shape, colour, texture, light, pattern, etc.) and principles of architecture (scale, proportion, rhythm, harmony, axis, hierarchy, etc.) Gestalt theory. Examples for all.

UNIT III APPRECIATING HISTORICAL ARCHITECTURE – WESTERN 9

Brief explanation of how history of architecture is studied – cultural, geographical, political, climatic, socio-economic factors. Overview of important productions/ styles through one example each- River Valley Civilisations, Greek and Roman building types, Gothic churches, Renaissance palaces.

UNIT IV APPRECIATING HISTORICAL ARCHITECTURE – INDIAN 9

Outline history of India. Study of Indian architecture through one example each. Buddhist Architecture – Stupa, Chaitya Hall and Vihara. Basics of a Hindu temple in India (North Indian and South Indian), Basics of a mosque and tomb in India (any illustrative example). Exercises and site visits.

UNIT V APPRECIATING MODERN AND CONTEMPORARY ARCHITECTURE 9

Factors for the rise of modern architecture- Materials, industrial revolution, urbanisation, art, etc., Characteristics of modern architecture through examples by master works such as that of Corbusier, Mies, Frank Lloyd Wright, etc., Contemporary architectural approaches such as contextual architecture, parametric architecture, sustainable architecture, etc., through study of important works of architects Doshi, Correa, Laurie Baker, et.,

TOTAL: 45 PERIODS**OUTCOME**

- Familiarity with the field of architecture and the process of architectural design.
- Ability to appreciate buildings in terms of their functional, aesthetic and historic qualities.

REQUIRED READING

1. Francis D.K. Ching, 'Architecture- Form, Space and Order', Van Nostrand Reinhold Company, New York, 2007.
2. Leland M. Roth – Understanding Architecture, its experience history and meaning, Routledge, 2018.
3. Ching, F. D. K., Jarzombek, M. and Prakash, V, 'A Global History of Architecture', 2nd Ed. John Wiley & Sons, 2010.
4. Sir Banister Fletcher, 'A History of Architecture', CBS Publications (Indian Edition), 1999.

REFERENCES

1. Pierre von Meiss, 'Elements of architecture: From Form to Place, Routledge, 1990.
2. Simon Unwin, 'Analysing Architecture', Routledge, London, 2003.
3. V.S. Pramar, 'Design Fundamentals in Architecture', Somaiya Publications Private Ltd., New Delhi, 1973.
4. Yatin Pandya, 'Elements of Space making', Mapin, 2008.

OBJECTIVES

- To give awareness about design as a field of human activity and a profession
- To give familiarity with the process of design and aspects of good design.
- To introduce designing as an activity.

UNIT I INTRODUCTION**9**

Definition of design. Design as related to different disciplines such as engineering, architecture, arts and social Sciences. Design as a creative profession. Courses, specializations and careers in the field of design.

UNIT II ASPECTS OF DESIGN**9**

Brief history of the evolution and developments in design and technology. Aesthetics, ergonomic, scientific and engineering considerations in design. Design and society. Cultural aspects of design. User centered considerations in design. Stages in the design process.

UNIT III UNDERSTANDING DESIGN**9**

Chronological studies for analysis of designed objects/systems/environments and their eclectic evolution through technology change. Design and indigenous technology. Case studies in different fields of design- Product, Communication, Environment Designs.

UNIT IV DESIGN PROFESSION**9**

Design profession in India and worldwide. Design as transforming present and creating a future.

UNIT V ANALYSIS AND DESIGN**9**

Identification and analysis of samples of good and bad design for sensitisation to design quality/processes. Understanding attributes for good design. Simple exercises in design creation/recreation through mock ups/montages/paste boards using primary materials such as paper, board, wood etc.

TOTAL: 45 PERIODS**OUTCOME**

- Knowledge about design as a profession.
- Ability to evaluate a design product in terms of its qualities.
- Knowledge about the process of design.

REQUIRED READING

1. Victor Papanek, 'Design for the Real world, Human Ecology and Social Change', Chicago Review Press, 2005
2. Norman, 'Design of Everyday Things', Currency Books, New York, 1990.
3. Joycelyn de Noblet Ed., 'Industrial Design – Reflections of a Century', Thames and Hudson, 1993.
4. P. Sparke, 'Introduction to Design and Culture in the 20th Century', Routledge, 1986.
5. J. Guy, '20th Century Design', Thames and Hudson, 1993.
6. M.A. Muser and D.Macleon, 'Art and Visual Environment', MIT Press, 1996.
7. J.H. Earle, 'Engineering Design Graphics', Addition Wesley, 2003.

REFERENCES

1. Forty, 'Objects of Desire', Thames & Hudson, 1998.
2. C.H. Flurscheim Ed., 'Industrial Design in Engineering –a Marriage of Techniques', The Design Council, 1983.
3. M.N. Horenstein, 'Design Concepts for Engineers', Prentice Hall UK, 2002.
4. R. Hollis, 'Concise History of Graphic Design', Thames and Hudson, 1994.
5. M. Droste, 'Bauhaus', Taschen, 1994.

OBJECTIVES

- To give introduction to landscapes in history and enable their appreciation.
- To give familiarity about the elements in landscape design.
- To give knowledge about urban landscape.
- To give familiarity with plant material in local areas.

UNIT I LANDSCAPES IN HISTORY I 9
Human civilisations and attitude to nature and landscapes across history and cultures. Outline of Japanese, Italian Renaissance and English gardens.

UNIT II LANDSCAPES IN HISTORY II 9
Outline of landscape and garden design in Indian history. Gardens depicted in Sanskrit literature, Nandavanams and residential gardens of South India. Moghul gardens. Public parks and residential gardens of the colonial period.

UNIT III ELEMENTS IN LANDSCAPE DESIGN 9
Introduction to hard and soft landscape elements in the design of landscapes. Different types of hard landscape elements. Plant materials, water and landform

UNIT IV URBAN LANDSCAPE 9
Urban open spaces and principle of urban landscape. Street landscaping, landscape design for waterfront areas and functional areas in urban centres. Sustainable principles in urban and regional landscapes.

UNIT V INTRODUCTION TO PLANT MATERIAL 9
Introduction to flora of regions. Outline of flora of Chennai and local neighbourhoods. Understanding of their characteristics and context of use.

TOTAL: 45 PERIODS

OUTCOME

- Knowledge about landscape and landscape design as well as ability to appreciate them.

REFERENCES

1. Boult, Elizabeth and Chip Sullivan, 'Illustrated History of Landscape Design', Hoboken, John Wiley and Sons, New Jersey, 2010.
2. Tobey George. 'History of Landscape Architecture, 'The Relation Of People To Environment', Elsevier And Co, New York, 1973
3. Motloch, J.L., 'An Introduction to Landscape Design', US: John Wiley and Sons, 2001.
4. Rahoul B Singh, 'Gardens of Delight- Indian Gardens through the Ages', Lustre Press, Roli Books, 2008.