

Sl. No.	Sub. Code	Theory	Contact Hours			Credit
			L	T	P/S	
3.	22AR533	Contemporary Architecture	3	0	0	3

Modern (19th Century AD – Until Present)

Course Objective To impart an understanding of the evolution in architecture and urbanism from the advent of the modern era to present times. Understanding about the theories, principles and styles of architecture that emerged during the Industrial Revolution and its influence on the built form and settlement patterns. To introduce the initiation and development of Modern Architecture in the subcontinent and contemporary architecture in India and the world; Colonial mercantile capitalism and spread of Western influences in India, and synthesis of architectural styles as modes of political accommodation. To discuss the socio-economic and political context, scientific inventions, and technological improvements, and the exchange of styles and philosophies through notable works of leading architects.

Anticipated Learning Outcomes: Ability to understand the role of societal developments as a predictor of change in architectural paradigms through the study of Modern Architecture in the sub-continent and contemporary architecture of India and the world

Module 1 INDUSTRIAL REVOLUTION: Its impact, new materials and techniques, Exhibitions (*Great Exhibition 1851*), development of railways and change in settlement pattern, rapid urbanization and urban crisis. Art Nouveau, Art and Craft, Art Deco; Neo Classicism; Gothic Revival (*John Ruskin, works of Victor Horta, Antonio Gaudi*).

SELF CONSCIOUS MODERNITY: Chicago school (*Louis Sullivan*), Bauhaus Movement (*Peter Behrens, Walter Gropius*), Late Modern Styles; works of great masters (*Mies Van der Rohe, F. L. Wright, Le Corbusier, Louis Kahn, Alvar Aalto, Kenzo Tange, etc*).

Module 2 COLONIAL ARCHITECTURE IN INDIA: Spread of European mercantile capitalism and development of early colonial architecture, British, French and Portuguese influences; Inflow of new cultural practices

and construction technology, Stylistic transformations; Synthesis with Indian traditional motifs and climatic factor.

EARLY: Portuguese (*Basilica of Bom Jesus*), French (*Pondicherry- Old French Colony*) and British (*St. Andrew's Kirk*), Jewish settlement of Kerala.

LATE: Edwin Lutyens, Herbert Baker and planning of New Delhi, Indo-Deco architecture (*Rashtrapati Bhawan / Victoria Terminus / Umaid Bhawan Palace, Jodhpur*).

Module 3

WORLD ARCHITECTURE 1950 ONWARDS: Postmodernism and classical revivalism (*James Sterling, I. M. Pei, Robert Venturi*); Counter reaction, De-constructivism and industrial architecture (*Zaha Hadid, Renzo Piano, Norman Foster, Santiago Calatrava, Frank O. Gehry*) Alternative practices (*Hassan Fathy, Geoffrey Bawa, Tadao Andao*)

Module 4

ARCHITECTURE IN INDIA (POST INDEPENDENT ERA): Planning and Design of Post Independent Cities and Towns: *Chandigarh, Bhubaneswar, Amaravati, Auroville Experiments, Nehruvian nation Building Initiatives, Planning commission and industrialization*, Architecture by great Indian and International Masters: *A. Kanvinde, B. V. Doshi, Charles Correa, Raj Rewal, Joseph A. Stein*; Alternative practices (*Laurie Baker*), Award winning works of contemporary architects.

Module 5

Presentations and critical analysis of any other significant works of architects, as decided by the subject faculty.

Note: Most Architectural subjects do not have Textbooks. The Reference books mentioned below are for reference only and University question paper should be prepared from the Syllabus descriptions.

References

1. Benevolo, L. (1977). *History of Modern Architecture*. 2 Vols., reprint, MIT Press.
2. Curtis, W. J. (1982). *Modern Architecture since 1900*. Phaidon Press.
3. Geidon, S., *Space, Time and Architecture: The Growth of New Tradition*, Harvard University Press.
4. Frampton, K. (1994). *Modern Architecture: A Critical History*. London: Thames and Hudson.
5. Jenks, C. (2007). *The Story of Post-Modernism*. London: Wiley and Sons.

6. Lang, J., Desai, M. and Desai, M. (2000). *Architecture and Independence: The search for Identity – India 1880 to 1980*. New Delhi: Oxford University Press.
7. Lang, J.T (2002). *A Concise History of Modern Architecture in India*
8. Mehrotra, R. (2011). *Architecture in India Since 1990*. Pictor.
9. Tadgell, C. (1990). *The History of Architecture in India*. New Delhi: Penguin Books (India) Ltd.
10. Johnson, P. and Wigley, M. (1988). *Deconstructivist Architecture*. New York: Museum of Modern Art.
11. Schulz, C. N. (1993). *Meaning in Western Architecture*. New York: Rizzoli International Publishers.
12. Singh, M. and Mukherjee, R. *New Delhi- Making of a Capital*. New Delhi: Roli Books.
13. Tafuri, M. (1980). *Modern Architecture*. Harry N. Abrams Inc.
14. Verma, P. (2010). *Becoming Indian – The Unfinished Revolution of Culture and Identity*. New Delhi: Penguin India.