



School of Planning and Architecture: Vijayawada

(An autonomous institution of Ministry of Human Resource Development, Govt. Of India)
S.No. 71/1, NH-5, Nidamanuru, Vijayawada – 521 104, Andhra Pradesh, India

Course: **10110604 History of Architecture and Human Settlements-IV** Class: **III Year. B.Arch, 2017-18 A.Y**

Modern and Post-Modern Era (20th Century to 21st Century)

Instructor: **D.Srinivas**

Number of Credits: **03**

Subject Category :**T**

Lecture Periods per week: **03**

Class Schedule: **Monday & Tuesday**

Internal Assessment Marks:**50**

End Examination:**50**

Total Periods per week **3** Total marks **100**

Attendance: **75% Min.**

Subject Objective:

- To introduce the conditions of modernity and bring out its impact of architecture.
- To study modern architecture as evolving from specific aspects of modernity: industrialization, urbanization, material development, modern art as well as society's reaction to them.
- To study the further trajectories of modern architecture in the post WWII period to develop a critical understanding about the changing development trajectories.
- To create an overall understanding of the architectural developments.

S.No	Week / Date	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
1	1 st Week	Introduction to the Course & Syllabus Modern Movement and International Style	Lecture (1hr on wed+2hrs on fri)
2	2 nd Week	Modern Movement and International Style Second phase of Industrial Revolution (development of automobiles and elevator technologies, rise of mass production paradigm)	Lecture (1hr on wed+2hrs on fri)
3	3 rd Week	Modern Movement and International Style Emergence of Modern architecture, Chicago School, Bauhaus movement and CIAM	Lecture (1hr on wed+2hrs on fri)
4	4 th Week	Modern Movement and International Style International style, post war reconstruction in Europe and its influences in modern architecture Philosophies of Minimalism, Form follows function	Lecture (1hr on wed+2hrs on fri)
5	5 th Week	Discussions/Lectures/Seminars about/ on the Philosophy/ ideas	Lecture (1hr on wed+2hrs on fri)
6	6 th Week	Discussions/Lectures/Seminars about/ on the Philosophy/ ideas	Lecture (1hr on wed+2hrs on fri)
7	7 th Week	Discussions/Lectures/Seminars about/ on the Philosophy/ ideas	Lecture

S.No	Week / Date	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
			(1hr on wed+2hrs on fri)
8	8 th Week	<p>Modern Movement and International Style</p> <p>Works of Great Masters (Peter Behrens, Walter Gropious, Mies Vander Rohe, Le Carbusier, F L Wright, Louis Khan, Alvar Alto etc.,)</p>	Lecture (1hr on wed+2hrs on fri)
9	09 th Week	<p>Modern Movement and International Style</p> <p>Planning thoughts associated with modernism Towers in the sky and automobile dependent urban thoughts of Corbusier and Wright</p> <p>Neighbourhood concept CA Perry theories of Structuralism, De-constructivism: Critical Regionalism and Metabolism</p> <p>Early Modern architecture in India</p>	Lecture (1hr on wed+2hrs on fri)
10	10 th Week	<p>Edwin Lutyens, Herbert Baker and building of New Delhi</p> <p>Changing politics of Architecture: Art Deco/Indo-Deco Architecture.</p>	Lecture (1hr on wed+2hrs on fri)
11	11 th Week	<p>Late-Colonial Architecture in India</p> <p>Health crisis in Indian Cities and beginning of modern city planning</p> <p>Patrick Geddes-Conservatory surgery-case study</p>	Lecture (1hr on wed+2hrs on fri)
12	12 th week	<p>Post-Colonial Modernism and Development of Planning in India</p> <p>Post Colonial, Nehruvian nation building initiatives</p> <p>Planning Commission and Public sector led Industrialisation, Building new industrial towns (Ex:Bhilai, Rourkellaetc)</p>	Lecture (1hr on wed+2hrs on fri)
13	13 th Week	<p>Post-Colonial Modernism and Development of Planning in India</p> <p>New capital cities (ex: Bhubaneswar, Chandigarh and Gandhi Nagar)</p> <p>Works of Corbusier and Louis Khan in India and their influences on Indian Architects</p> <p>Architecture and Urbanism by great masters: A.Kanvinde, BV Doshi, Charles Correa, Raj Rewaletc</p>	Lecture (1hr on wed+2hrs on fri)
14	14 th week	<p>Post and Late Modern Architecture</p> <p>Socio-political changes during the 1960's and its implications for architecture, Counter reaction to modernism; post-modernism and classical revivalism</p> <p>Works of James Sterling, Philip Johnson, Robert Venturi, Michael</p>	Lecture (1hr on wed+2hrs on fri)

S.No	Week / Date	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS
		Graves etc	
15	15 th week	<p>Post and Late Modern Architecture</p> <p>Counter reaction and industrial aesthetics of Richard Rogers, Norman Foster; works of ZahaHadid, Rem Koolhas, Renzo Piano and Daniel Libiskind</p> <p>Oil crisis of the 1970's and rising environmental consciousness; Theory of New Urbanism and Sustainable Urban Development.</p>	Lecture (1hr on wed+2hrs on fri)
16	16 th week	Revision & Test	Announcement of FINAL Internal Assessment Marks 40% on November 03

Note: Two hours session will be utilized for lecture and discussions and one hour session will be exclusively on discussions, presentation and other activities)

Tentative Break-up of Internal Assessment Marks:

S.No.	Categories of Evaluation*	Marks
1	Assignment - I	15
2	Assignment - II	25
3	Assignment - III	10
	Total	50

* The Marks allotted against each category are tentative. Categories of evaluation are only indicative and may increase or decrease.

*The marks are allotted based on series of internal evaluation, which includes sketching, presentations, exams etc.

References:

- 1.Kenneth Frampton, "Modern Architecture: A Critical History", Thames & Hudson, London, 1994.
- 2.Manfredo Tafuri., "Modern Architecture", Harry N. Abrams Inc, 1980.
- 3.Leonardo Benevolo, "History of Modern Architecture", 2 Vols., reprint, MIT Press, 1977.
- 4.Miki Desai et. al., "Architecture and independence", Oxford University Press, 2000.
- 5.William J. Curtis, "Modern Architecture since 1900", Phaidon Press, 1982.
6. Thomas Metcalf, "An imperial Vision", Faber & Faber/ Electa, 1980.
7. Christian Norburg-Schulz., "Meaning in Western Architecture", Rizzoli, Revised edition, 1993.
- 8.Spiro Kostof – History of Architecture– Setting and Rituals, Oxford University Press, London, 1985.
9. Sir Banister Fletcher, A History of Architecture, University of London, The Antholone Press, 1986
10. James Neal, 1997, Architecture, A Visual History, Barnes & Noble Books
11. Manfredo Tafuri, Francesco Dalco, "Modern Architecture/2", Electa/Rizzoli, 1976
12. David Robson, Beyond Bawa, "Modern master works of monsoon Asia", Thames & Hudson, 2007
13. Pier Luigi Nervi, General Editor, History of World Architecture – Series, HARRY N. Abrams, Inc. Pub, New York, 1972.

Course Instructors

Head of the Department

