**University of Management and Technology**

**School of Architecture & Planning**

**Department of Architecture**

**COURSE CODE: AR-605 / COURSE TITLE: THEORY OF ARCHITECTURE**

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| --- | --- |
| Program | **M-Arch** |
| Credit Hours | **3+0** |
| Duration | **One semester( 16 weeks)** |
| Prerequisites | **Nill** |
| Resource Person | **As per timetable** |
| Counseling Timing | **Kindly see office window** |
| Contact | **-** |

**Chairman/Director signature………………………………….**

**Dean’s signature…………………………… Date………………………………………….**

**Learning Objective:**

The aim and objective of this course is to analyze deeply the concept and philosophy of architecture and built forms in the given time. This course is focused on theory and philosophy of architecture.

**Learning Methodology:**

* Lectures as provided in the schedule of the semester activities
* Study of Archival Material and recommended books
* Guest Lectures as per requirement
* Presentation on allocated topics

**Grade Evaluation Criteria**

Following is the criteria for the distribution of marks to evaluate final grade in a semester.

**Marks Evaluation Marks in percentage**

Sessional; Exam 40

Term Paper 20

Open book examination 20

Viva Voce 20

**Total 100**

**Recommended Text Books:**

* Choay, Françoise. “Alberti and Vitruvius,” Architectural Design, Profile no 21. 1979, pp.26-35.
* Vitruvius, M. P. Ten Books of Architecture. Translated by Morris Hicky Morgan. New York: Dover Publications, 1960
* Alberti, L. B. Ten Books on Architecture. (Translated by Giacomo Leoni). London, 1955 (first English publication 1726.)
* Perrault, C. Ordonnance for the five kinds of columns after the method of the ancients. Introduction by Alberto Paerez-Gaomez; translation by Indra Kagis McEwen, Santa Monica: Getty Center, 1993.
* Chakrabarti, Vibhuti. Indian Architectural Theory-Contemporary Uses of Vastu Vidya.Curzon Press. 1988
* Broug, [Eric](https://www.google.com.pk/search?tbo=p&tbm=bks&q=inauthor:%22Eric+Broug%22) . Islamic Geometric Design Thames & Hudson, 2013
* Hosagrahar, Jyoti. Indigenous Modernities: Negotiating Architecture and Urbanism. Routledge. 2005
* Lefebvre, Henri The Production of Space. Wiley-Blackwell. 1992.

# Harvey, D. Rebel Cities: From the Right to the City to the Urban Revolution. Verso. 2013

* Paccoud, Antoine (2015) Planning law, power, and practice: Haussmann in Paris (1853–1870). Planning Perspectives
* Danta, Darrick. Ceausescu's Bucharest
* Geographical Review Vol. 83, No. 2 (Apr., 1993), pp. 170-182
* Doxiadis, K.A. Islamabad : The Capital of Pakistan.
* Venturi, Robert. Complexity and Contradiction in Architecture. MOMA. 1974
* Appignanesi, [Richard](https://www.amazon.com/Richard-Appignanesi/e/B001HPZ8MW/ref%3Ddp_byline_cont_book_1) &  Garratt, [Chris.](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Chris+Garratt&text=Chris+Garratt&sort=relevancerank&search-alias=books) Introducing Post-Modernism. I con Books. 2003.
* Said, Edward. Orientalism. Vintage. 1979.
* King, Anthony. Spaces of Global Cultures: Architecture, Urbanism, Identity. Routledge, 2004
* Frampton, Kenneth. “Towards a Critical Regionalism”1981.
* Oxman, R. Theory and design in the first digital age. Design-Studies-Theory. 2011.
* Arteta, Jon.A Brief History of Digital Architecture. "The Paradigm of Complexity in Architectural and Urban Design".2017
* Vale, L. Architecture, Power and National Identity. Routledge. 2014
* Hillier, Bill. Space is the machine: A configurational theory of architecture. CreateSpace Independent. 2015

 **CALENDAR OF COURSE CONTENTS TO BE COVERED DURING SEMESTER**

**Course code: AR-605 Course title: Theory of Architecture**

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| --- | --- | --- |
| **Week** | **Course Outline** | **Reference Chapter** |
| 1 | **Introduction** |  |
| 2 | **Classical Paradigm 01**Vitruvius Ten Books of Architecture  | Vitruvius, M. P. Ten Books of Architecture. Translated by Morris Hicke Oy Morgan. New York: Dover Publications, 1960.  |
| 3 | **Alberti** Alberti Ten Books on Architecture  | **Compulsory Reading** Alberti, L. B. Ten Books on Architecture. (Translated by Giacomo Leoni). London, 1955 (first English publication 1726.)**Support Text:** Perrault, C. Ordonnance for the five kinds of columns after the method of the ancients. Introduction by Alberti Paerez-Gaomez; translation by Indra Kagis McEwen, Santa Monica: Getty Center, 1993 |
| 4 | **Claude Perrault** (Birth of Modernity and Quarrel between Ancients and Modernes)  | **Compulsory Reading** Mallgrave , H. F. “Preface and Chapter 01” in Modern Architectural Theory, A Historical Survey 1673 – 1968. Cambridge University Press. 2009 |
| **5** | **Presentation 01** |
| 6 | **Geometry and Proportions in Islamic Architecture** | Broug, [Eric .](https://www.google.com.pk/search?tbo=p&amp;tbm=bks&amp;q=inauthor%3A%22Eric%2BBroug%22) Islamic Geometric Design Thames & Hudson, 2013 |
| 7 | **Architecture and Capitalism – Industrial Revolution and mass production** |  |
| 8 | **Politics and Space: Fascist Capitals** | Paccoud, Antoine (2015) Planning law, power, and practice: Haussmann in Paris (1853–1870). Planning Perspectives Danta, Darrick. Ceausescu's BucharestGeographical Review Vol. 83, No. 2 (Apr., 1993), pp.170-182Doxiadis, K.A. Islamabad : The Capital of Pakistan. |
| **9** | **Mid Term Examination** |
| 10 | **An Evolution of Marxist Urbanist Theory** | Lefebvre, Henri The Production of Space. Wiley- Blackwell. 1992.Harvey, D. Rebel Cities: From the Right to the City to the Urban Revolution. Verso. 2013 |
| 11 | **Space Syntax: A Configurational Theory of Architecture** | Hillier, Bill. Space is the machine: A configurational theory of architecture. CreateSpace Independent. 2015 |
| 12 | **Semiotics and Post- Structuralism** | Venturi, Robert. Complexity and Contradiction in Architecture. MOMA. 1974Appignanesi, [Richard](https://www.amazon.com/Richard-Appignanesi/e/B001HPZ8MW/ref%3Ddp_byline_cont_book_1) & Garratt, [Chris.](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&amp;field-author=Chris%2BGarratt&amp;text=Chris%2BGarratt&amp;sort=relevancerank&amp;search-alias=books) Introducing Post-Modernism. I con Books. 2003. |
| **13** | **Presentation 02** |
| 14 | **Globalization & Post- Colonialism** | Said, Edward. Orientalism. Vintage. 1979. King, Anthony. Spaces of Global Cultures:Architecture, Urbanism, Identity. Routledge, 2004Frampton, Kenneth. “Towards a Critical Regionalism”1981. |
| 15 | **Parametric and Digital Architecture** | Oxman, R. Theory and design in the first digital age. Design-Studies-Theory. 2011.Arteta, Jon.A Brief History of Digital Architecture. "The Paradigm of Complexity in Architectural and Urban Design".2017 |
| 16 | **Current Theories of Architecture and Urbanism. (Democracy, Feminism, Nationalism, Representation etc)** | Bleeckere, S. Style and Architecture in a Democratic Perspective- Enquiry The ARCC Journal for Architectural 2007Vale, L. Architecture, Power and National Identity. Routledge. 2014. |
| **17** | **Final Exam** |