

SYLLABUS :-

AR22006: History of Architecture II Credits: 3 L-T-P: 3-0-0 Prerequisite: None

Course Overview: Introduction to a time-series overview of History of Western Architecture from the borders of Indus Valley to Persia (Iran) to begin with. A formulation of a detailed study of a few examples from each stage, westbound: Sumerian to the Ancient Near-East (Assyrian, Hurrian/ Mittani, and the Hittites) and the archaic Anatolia/ Eastern Byzantium group. It explores x Delineation of case studies and reviews of designs over various time periods in Western Asian architecture x Detailing of materials and their application across context, styles and cultural variations in West Asia x Detailing of another branch in Abyssinia/ Egypt in forms of northern (lower) and southern (upper) traditions. A brief introduction of the climatological, environmental, ecological and socio-anthropological, and anthropometric-ergonomic aspects of the evolution of early Milesian and later Cyclopean/ Mycenaean/ Minoan architecture culminating to the Periclean Age of GREECE and later Greco-Roman styles. Review works of architecture of the Dark Ages to the early Romanesque and Carolingian forms; from early to High Renaissance forms after the Fall of Granada; review the birth of Rococo/ Mannerism, Jacobian/ Florentine styles till the birth of Industrial revolution. The Coursework ends here. Learning Objectives: 1. Learn the chronological evolution and impacts of geographic, climatic, geological and social backgrounds of Indian architectural styles in all ages - in relationship to materials, techniques of construction 2. Learn an aggregate list of elements of historic design elements, materials and patterns of construction and building techniques in each age befitting an application in our contemporary times. 3. Perform a time-series study of past, present and continuity of various elements of Indian architecture design with regard to form, function, structure and rudimentary implications of urban design and regional planning. 4. The advanced forms of institutional architecture from the Agora to Forum; from Piazzas to post-renaissance styles. Course Curriculum: Module 1 : West Asian Architecture Module 2 : From Egyptian Heliopolis to the birth of Grecian institutional and federal forms Module 3 : Later Greco-Roman Forms based on Roman aristocracy and Empire building processes. - 24 - Bachelor of Architecture | IIT Kgp Curriculum 2020 | 19 Module 4 : Dark age town planning Forms and the First Chapels and Basilicas to later 12th century Cathedral making Module 5 : Various Renaissance styles and architects. Reading List: 1. A Global History of Architecture, by Francis D. K. Ching (Editor), Mark M. Jarzombek (Author), Vikramaditya Prakash (Author); John Wiley Sons; 2 edition (11 January 2011) 2. A History of Western Architecture by David Watkin (Laurence King Publishing; 6th edition (2015) 3. Dictionary of Architecture, by Nikolaus Pevsner, John Fleming, Hugh Honour (Author), Viking Press 1st Edition (1976) 4. Sir Banister Fletcher, A History of Architecture, Architectural Press; (20th Ed.), 1996.