



MODERN INDIAN ARCHITECTURE

PROF. P.S. CHANI

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IIT Roorkee

PRE-REQUISITES : No prerequisite is required for a B.Arch. or an M.Arch. student, but it is appropriate after B.Arch. II year.
Ideally, study of modern world architecture should be done before this course.

INTENDED AUDIENCE : UG and PG students of architecture

INDUSTRY SUPPORT : Practicing architects, architectural firms and academic institutions

COURSE OUTLINE :

This course will take you through an interesting journey on the evolution of modern architecture in India from pre-independence to the present time. This evolution will be seen through various modern trends and building typologies, covering many buildings over a span of nearly a century, not only of masters like Charles Correa and B.V. Doshi, but also many other architects who have made a significant contribution in the development of a modern Indian architecture. It will conclude with the study of 21st century Indian architecture, highlighting several emerging concepts.

ABOUT INSTRUCTOR :

Prof. P.S. Chani is a professor at the Department of Architecture and Planning, IIT Roorkee and was also heading the department for 4 years upto June 2021. He has completed his education in architecture from IIT Roorkee, right from his UG programme and he has been in teaching for more than 20 years. His area of research is embodied energy and carbon emissions through building construction. Over the years, he has taught a range of subjects in both UG and PG programmes. But his chief interest is in the study and teaching of modern world and modern Indian architecture. He has also taught specific subjects related to modern architecture like High Tech Buildings, Futuristic Architecture and Structures & Architecture. He has also been shortlisted amongst the top teachers in IIT Roorkee for 3 years.

COURSE PLAN :

Week 1: Introduction, Pre-Independence, Pre-Independence to Independence- Part 1

Week 2: Pre-Independence to Independence- Part 2, Revivalism, The First Generation 1945 - 1970- Part 1 to 3

Week 3: The First Generation 1945 - 1970- Part 4 to 7, Impact of Western Architects: Le Corbusier- Part 1

Week 4: Impact of Western Architects: Le Corbusier- Part 2 to 4, Impact of Western Architects: Louis I. Kahn- Part 1 to 2

Week 5: Impact of Western Architects: Louis I. Kahn- Part 3 to 4, Impact of Western Architects: Walter Gropius, Introduction to Critical Regionalism, Critical Regionalism: Climate Responsive Perspective- Part 1

Week 6: Critical Regionalism: Climate Responsive Perspective- Part 2 to 4, Critical Regionalism: Other Contexts

Week 7: Structure in Modern Indian Architecture, Points-Blocks and High-Rises, Housing in India- Part 1

Week 8: Housing in India- Part 2, Women in Modern Indian Architecture, Search for a new Architecture