M.ARC

Masters in Architecture, known as M.Arch, is a postgraduate course, and the minimum eligibility for this course is a Bachelor's degree in Architecture with a minimum aggregate score of 50%, completed from a recognized institution. The architecture field involves the process of planning, designing and execution of residential and commercial infrastructure.   It is a two-year program divided into four semesters and can be pursued through regular batch or distance education. There are several specializations in this field like Landscape Architecture, Green Architecture, Naval Architecture, etc. The Council of Architecture in India regulates the curriculum and professional applications of this field.

Course Subjects for specialization

This course offers specialization in various subjects relevant to the field of Architecture. The council of architecture has offered specialization in the subjects below for Masters in architecture course.

- Architectural conservation
- Building engineering and management
- Housing
- Urban design
- Landscape architecture
- Architectural design
- Sustainable architecture
- Transport planning
- Town and country planning
- Regional planning
- Industrial design
- Environmental planning
- Architecture and digital design

Eligibility

In order to get admission to this course the entry requirements are

- Candidates who have completed their Bachelor of Architecture (B.Arch) from a recognized university with minimum 50% of marks in their final exam.
- Candidates who have appeared and scored at least 50% in their entrance exam are required for admission to this course.
- Students who have given entrance exams such as General aptitude test in engineering (GATE) and common entrance exam for design (CEED). Some universities conduct their unique entrance exams which are mandatory for students aspiring to secure admission. Students should have a good level of knowledge and understanding in reasoning, numerical, and design and aptitude skills in order to get admission to this course.
- Some Institutes require an **aptitude test** and an **Interview** for admission into the Master's Degree in Architecture.

Course Duration and Fees

The course duration for this course is 2 years. The duration of this course remains the same for all colleges and universities. However, the annual fees for this course changes from college to college or university.

Master's in Architecture course (Any specialization) 2 years	For IIT the average annual fees is Rs. 50,000/- For National Institute of Technology, the fees is Rs. 2,00,000/-
	For private colleges and universities, the average annual fees range between Rs. 15,000 to Rs. 1,50,000/-.

Syllabus

The syllabus for this course is designed according to the course curriculum regulated by the council of architecture. The syllabus is divided into four semesters for the Two-year course. Each semester has six mandatory subjects and students can choose an elective subject during the session.. In the final year of this course, students should complete their dissertation and thesis on any specialized subject. The syllabus of this course is

Semester 1
- Contemporary architecture: theories and trends
- Urban conservation and practice
- Urban design studio
- Traditional and contemporary landscape
- Sustainable and green building design
- Landscape ecology and planning

Semester 2
- Contemporary architecture II
- Urban landscape design
- Services in high rise buildings
- Performance evaluation of buildings
- Advanced architectural design studio I
- Web design and portfolio production

Semester 3
- Research methodologies in architecture
- Emerging practises in housing
- Advanced architectural design studio II
- Architecture and critical theory
- Sustainability and energy conservation in landscape architecture
- Dissertation

Semester 4
- Building management and control systems
- Building information modelling
- Appropriate technologies and sustainable construction
- Material conservation
- GIS modelling in urban planning
- Thesis

There are elective subjects in each semester. Students can choose their preference for the elective subject during every semester. The elective subjects are
- Housing
- High rise buildings
- Futuristic architecture
- Resource conserving architecture
- Low cost building design and techniques
- Building bye-laws and professional practice
- Advanced landscape design
- Research techniques in architecture and planning
- Project management

Career/Scope

This course is designed in such a way that students completing this course will be able to fulfil all the requirements to practice them on a professional level. Students completing this course will have a future scope in the field of architectural design and planning. They can either get an excellent work opportunity in the relevant area or start their own architecture design and planning organization. On completion of this course, they will be recognized as a valid architect and can take up various architectural projects on a commercial level.

Architects can perform the planning and design of various residential and commercial buildings in a professional manner. While constructing a building, an architect's design prospect is seriously considered by every infrastructure developer. Right from creating a blueprint to cost estimation of the infrastructure to be developed the consent of architects is required.

The architects can also work as a professional in various sectors. They have massive scope for establishing their career in different commercial areas. Some of the industries where they can work as professional architects are

- Housing and urban development organizations
- Public works department or PWD
- Railway department
- Town and country planning firms
- Publishing houses
- Telegraph and posts department
- National Institute of urban affairs
- Architecture development organizations
- Educational institutes
- City development authorities
- National building organization