

SCHOOL OF ARCHITECTURE

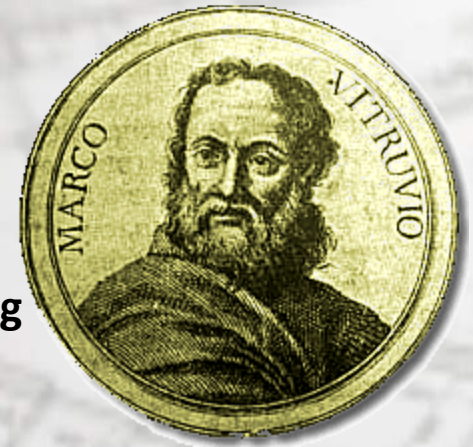
What is Architecture:

Architecture is a passion, a vocation, a calling – as well as a science and a business. It has been described as a social art and also an artful science. Architecture must be of the highest quality of design. Architecture provides, in the words of Marcus Vitruvius, the great Roman architect and historian, “firmness, commodity and delight.”

Firmness: Refers to structural integrity and durability;

Commodity: Refers to spatial functionality or in other words, “**serving its purpose**” and fulfilling the function for which the building was constructed;

Delight: Means that the building is not only aesthetically and visually pleasing, but also lifts the spirits and stimulates the senses.



QUALIFICATION

How does one acquire such qualification?

Bachelor's Degree course in Architecture (B. Arch.) is a Five year Full-time course, available in more than 400 institutes throughout India and many other recognized institutes around the world.

Who can apply for registration as an architect?

Any resident Indian who has completed his undergraduate education in the field of Architecture from an institute, duly recognized by the Council of Architecture is qualified to apply for registration as 'ARCHITECT'.



Who can seek admission to B. arch. course?

There are two criteria:

- You must have passed XII or Equivalent examination with mathematics as one of the subjects and have score more than 50% marks in aggregate
- You must pass recognized Aptitude test i.e., National Aptitude Test in Architecture (NATA)

SUBJECTS IN ARCHITECTURE

Subjects:

- Basic Design & Visual Arts
- Communication skills
- Work shops
- Early civilizations- Art, culture and architecture
- Surveying and leveling
- Art appreciation
- Computer applications in architecture
- Climatology
- Sociology and economics
- Theory of architecture
- Climatic responsive architecture
- Contemporary architecture
- Estimation and costing
- Physical planning
- Interior design
- Landscape architecture
- Earth quack resistant structures
- Constitutional law
- Professional training
- Thesis

Core subjects:

- Architectural Design
- Building construction and materials
- Graphics
- Building services
- Structures
- History of Architecture



ARCHITECTURE

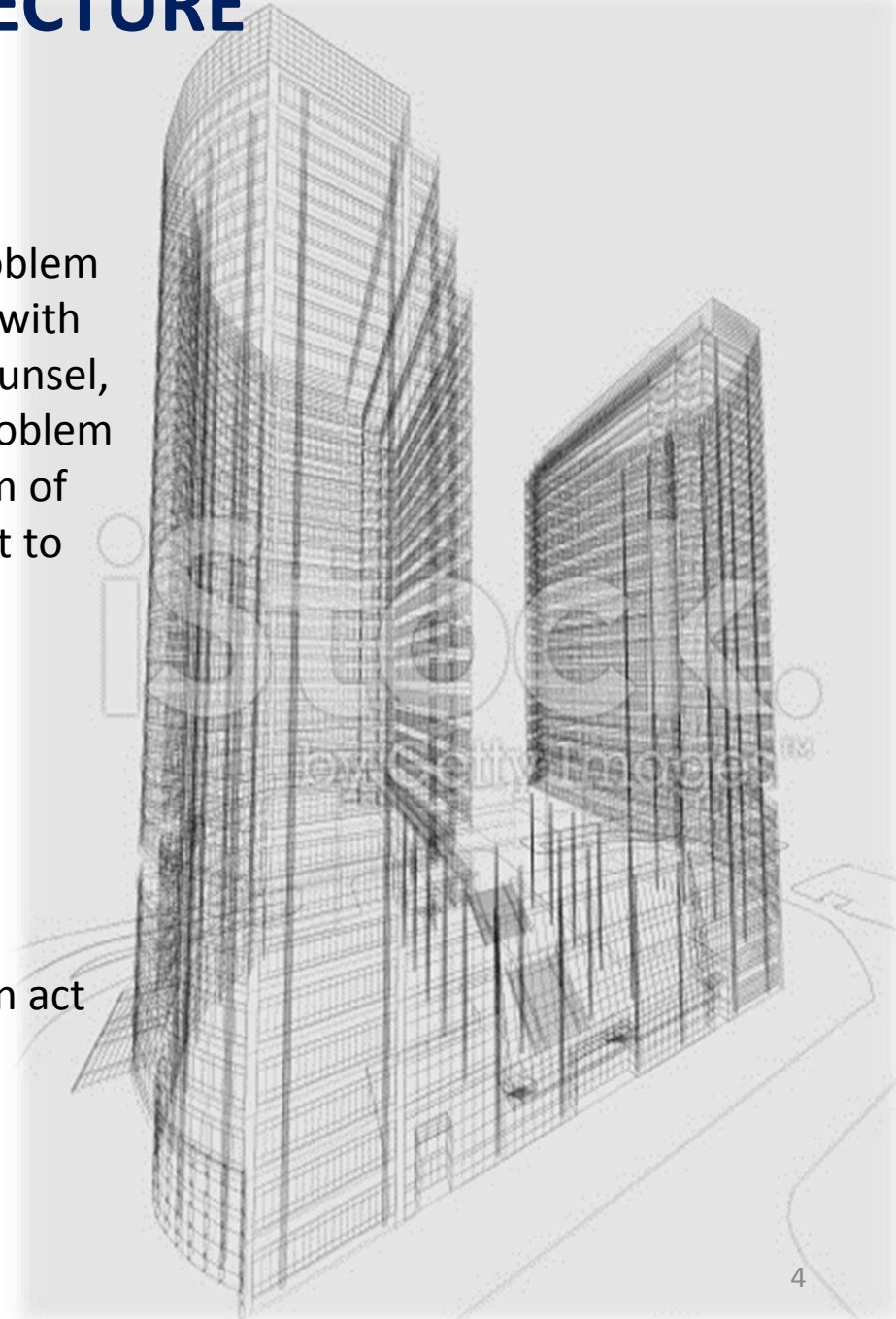
Introduction to architecture :

“The building of a career is quite as difficult a problem as the building of a house, yet few ever sit down with pencil and paper, with expert information and counsel, to plan a working career and deal with the life problem scientifically, as they would deal with the problem of building a house, taking the advice of an architect to help them.”

-Frank Parsons (American Educator), 1909

Architect:

...is a recognized professional
... registered with council of architecture under an act of parliament. (Architect's Act 1972)





SCHOOL OF ARCHITECTURE

The School of Architecture, DSATM was established in the academic year 2011-2012 and imparts a five-year Bachelor of Architecture degree. We have a student capacity of 60 students. The course is affiliated to Vishvesvaraya Technological University (VTU), Belgaum, Karnataka and also recognized by Council of Architecture, India. DSATM is also a centre for NATA test started in 2015.

Vision of the Department -

The vision of School of Architecture, DSATM is to enhance, consolidate & revitalize the thought process of architectural design, thus evolving strong knowledge base that is progressive and dynamic and which is more relevant to the evolving socio-economic and geographical context.

Mission of the Department –

The mission of this school in continuation with the vision statement is to educate the future leaders of the architectural practice with emphasis on the relationship between intellectual development and creative activity, by facilitating the acquisition of lifelong learning skills.

Faculty members of SOA –

The faculty members, highly qualified and experienced, are committed teachers who leverage on each other strengths to achieve the vision and mission statement of the School. The Faculty is specialized in various domain areas namely; Urban Planning, Habitat Design, Sustainable Architecture, Landscaping, Housing and Interior design.



OBJECTIVES

Our Objective is to develop –

- **Fundamental Design Skills** – Ability to apply basic spatial organization, structural, and constructional principles to the conception and development of interior and exterior spaces, building elements and components.
- **Collaborative Skills** – Ability to identify and assume divergent roles maximize individual talents and to cooperate others when working as a member of team.
- **Verbal and Writing Skills** - Ability to speak and write effectively on subject matter contained in the professional curriculum.
- **Graphic Skills** - Ability to employ appropriate representational media, including computer technology, to convey essential formal elements at each stage of the programming and design process.
- **Research Skills** - Ability to employ basic methods of data collection and analysis to inform all aspects of the programming and design process.
- **Critical Thinking Skills** – Ability to make a comprehensive analysis and evaluation of a building, building complex, or urban space.

SOA infrastructure:

- The department has spacious studios and class rooms and equipped with state-of-the-art equipment like LCD projector and computers.
- The department also houses a well-equipped climatology lab, material museum and Exhibition hall.
- SOA has Sophisticated library with total number of 700 Architecture books. And also a digital laboratory with total number of 25 systems.

Future plans of SOA:

- Technical Seminars, Technical Conferences, Industrial visits, Workshops, case studies not only around the country but also planning to do it abroad in future. Faculty development programs will be organized regularly for the benefit of students and teachers.
- Students will be encouraged to actively participate in NASA, knowledge exchange programs cultural events and sports held at the College, University and National level.
- Advanced cutting machines will be installed in the labs which will be helpful in model making
- Documentation centre with plotter for A1 and A2 size sheets will be set up.
- Plans to increase the intake of the students from 60 to 80