ABOUT PROGRAM

B.Arch (Bachelor of Architecture) is an undergraduate degree in the field of architecture. This five-year full-time programme is a blend of theorical and practical knowledge for students to learn the art of planning, designing and constructing physical structures of various kinds. From ideating to mapping and overseeing the construction, a qualified architect is involved at every stage of any construction project. With the advancement in technology and the increasing rate of urbanization, it has become almost mandatory to create structures that can serve the needs of the public in general. Architects are in great demand with respect to the construction of malls, commercial companies, flyovers etc. To study a full-time B.Arch programme, students must fulfill the eligibility requirements given below:

1. Any candidate who has passed 10 + 2 with Physics, Chemistry & Maths or   10 + 3 Diploma with Mathematics.
2. Qualifying either NATA or JEE Aptitude test is permissible.

The National Aptitude Test in Architecture (NATA) and the Architecture Aptitude Test (AAT) are two of the most popular B.Arch entrance exams. The former is widely accepted by colleges offering this programmes. The AAT is an entrance exam for admissions to architecture programmes offered by the Indian Institutes of Technology (IITs).

PROGRAM EDUCATIONAL OBJECTIVES

PEO-1 Core Competence:
The programme encourages the graduates to be curious, observant and analytical so as to be a lifelong learner and enhance architectural technical competency, field up gradation, innovation and research along with interpersonal skill development.

PEO-2 Cognitive Intelligence:

The graduates will be imbibed with professional ethics, integrity, team work, transparency, and empathy so as to excel at their profession to fulfil the aspirations of individuals, society, the country and our environment.

PEO-3 Professional Competence:

An environmentally and socially responsible professional, who is able to publicize, market his services along with competitive presentation and communication skills to create entrepreneurs be able to have optimum solutions in terms of human centred design.

PROGRAM OUTCOMES (PO)

PO1: Architectural and Urban Planning Knowledge- Demonstrate the knowledge of fundamentals of architecture, design & planning principles, theory of design, planning theories, architectural drawings, building science and building structures to the solution of complex design problems.

 PO2: Construction & planning techniques and materials- Identify, review, evaluate and illustrate the details of various constructions, its details & techniques available using the plethora of construction materials available.

PO3: Infrastructure & Building Services- Utilize the various building services like power systems, rain water harvesting systems, water supply distribution, HVAC, vertical transportation, building automation systems, fire extinguishing systems, building acoustic systems, illumination, mechanical systems along with the fundamentals in the conception as well as completion of design projects

PO4: Architectural & Planning tools & software's- Identify the latest rendering, visual effects, graphic design, presentation tools, 3-d Printer and mediums along with the latest computer software's such as Auto-Cad, Revit, Sketch up, 3D's Max, Lumion, Arc GIS, Coral Draw, Photoshop & other supporting tools for the visualization and actual realization of design projects.

PO5: Design Thinking, solutions & Creative Problem Solving- To demonstrate creative problem solving skills including design thinking, critical assessment and developing user centric, innovative design and planning solutions.

PO6: Professional & communication Skills- To comprehend design & write effective reports & documentations; give and receive clear instructions; demonstrate effective and convincing communication and presentation skills on architectural issues with architecture fraternity for the interest of society at large.

PO7: Project & Finance management- To demonstrate the understanding of HR, Finance, contract and construction management for the profession individually as well as a team member.

PO8: Entrepreneurship and Employability- After completion of this program the students will be conscious of the professional as well as managerial activities of architectural practices shall be able to undertake projects with appropriate management control and control on cost & time & perform standard proficiencies, in harmony with the scope of local practice of architecture in particular

PO9: Individual & Team work- Demonstrate appropriate interpersonal skills to work effectively in as an individual, as a member or as a team leader of a multidisciplinary/interdisciplinary team setting.

PO10: Environment & Sustainability- Understand the impact of the professional design & planning solutions catering to the societal, cultural and environmental context and contribute to sustainable development.

PO11: Receptiveness and lifelong learning- Be competent and receptive to new ideas, knowledge and infusing a sense of scientific research in the architectural works undertaken. Recognize the need for continuous learning and upgrade their architectural knowledge and the technical competencies.

PO12: Professional Ethics- Be committed to professional ethics, responsibilities, and economic, environmental, societal and political norms.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO-1 Architectural development- Apply the knowledge of relevant building bye laws and fundamental architectural design components to design the built environment.

PSO-2 Career Skills- Demonstrate leadership and professional skills in handling clients, various consultants and on site requirements during the construction of projects.

PSO-3 Architectural software & tools-Utilize and upgrade the technical as well as software advancements and innovative techniques for design development & implementation.

PSO-4 Professional & Social Responsibility- To orient students for being committed to professional ethics, responsibilities, and economic, environmental, societal, and political norms.

PROGRAM HIGHLIGHTS

- Ranked as one amongst the Top 7 in Private School of Planning & Architecture in India (source Outlook – dated 17 Jun 2019)
- The School has an intake of 80 students in Bachelors of Architecture (B.Arch) approved by Council of Architecture.
- Offers the opportunities for its students to follow their creative pursuits while building their professional careers.
- Curriculum is designed at par with the employability requirements of the industry
- Combined strength of 300+ students and 40+ faculties from prestigious institutes like SPA, CEPT, MNIT etc
- Learning by doing is the key strength; Guided by side is the philosophy and Designing Solutions is the Mantra.
- Regular interaction with eminent Architects of India & abroad in the form of guest lectures, workshops & seminars.
- Focused on Field Study through case study, site visits, onsite workshops, measured drawing camps, market surveys
- Hosted Zonal NASA twice in year 2013 & 2019 with combined participation of more than 5000 students
- Only School of Architecture in Rajasthan to offer placement to its students in big organizations like Pinnacle Infotech, Arinam Consultancy, Veritas Architects and many more
- World class infrastructure, Dedicated Laboratories, renowned practicing academicians and a conducive environment for innovation & research.
- Member of professional organizations like Indian Institute of Architects (IIA), Institute of Indian Interior Designers (IIID), Indian Green Building Council (IGBC) & Fire & Safety Association of India (FSAI)
- Students of planning are exposed to proficient planning expertise through full time and practicing architects
- Students are exposed to new techniques such as GIS and project planning
- The program includes studio exercises in plan preparation through live case studies.
- Dialogue with government officials, industry expertise, related with planning of cities is arranged to establish a meaningful process and generate a purposeful product
- Government officials, industry expertise are invited for the external juries.
- Students are prepared for global challenges but having their feet on ground