

THE EDUCAFÉ TIMES



In this issue : Crafting Tomorrow's Landmarks, Today

Prescribing Success: Interview with Shalini Satish Kumar

Career Queries

Message from the Editor

Hello Readers!

We bring another edition of The Educafé Times where we talk about another sought-after career opportunity - Architecture. Here we discuss the scope of the career, the challenges, and the skill sets required.

Have some new ideas for our newsletter? Share them at educafestudentsolutions@gmail.com and get a shoutout.

Happy Reading!!

Crafting Tomorrow's Landmarks, Today

Are you passionate about planning, designing and supervising construction, and do you possess creativity, sensitivity, intuition and curiosity? Are you comfortable working closely with clients to understand their needs, develop design concepts and create functional, aesthetically pleasing and sustainable solutions that meet technical and regulatory standards? Are you comfortable using CAD software and other digital tools to create architectural drawings and presentations? If your answer to all of these questions is "yes", then a career in Architecture may be ideal for you. Follow these steps:

CAREER PATH

- To pursue a career in architecture, specialize in Science during 11th/12th or at the +2 level with compulsory subjects: Physics, Chemistry and Mathematics.
- At the end of your +2 level, you must take the National Aptitude Test in Architecture (NATA) entrance exam, administered by the Council of Architecture.
- Refer to their website <https://www.nata.in/> for details and updates. Your scores in the +2 exam and your NATA exam ranking, influence the options available to you in terms of colleges.
- Some Private or Autonomous colleges /Universities conduct their own entrance examinations.
- After completing your Bachelor's in Architecture, you have the option to pursue post-graduation studies, either in India or abroad, to specialize in your area of interest. Alternatively, you could choose to work in a related field.



Some of the Specializations

- Architectural Designer
- Architectural Technologist
- Commercial Architect
- Industrial Architect
- Interior Architect
- Landscape Architect
- Residential Architect
- Restoration Architect
- Sustainable Architect

Upon completing your qualifications, you can pursue opportunities in architectural firms, construction companies, real estate, development firms, and government agencies, or work as an independent consultant. Additionally, you can consider starting your own practice or teaching in academic institutions. To succeed in the field of architecture, you will need to possess a diverse set of skills including numerical, creative, design, legal, communication, teamwork, commercial awareness, artistic, problem-solving, visualization, engineering, leadership, and attention to detail skills. If you are still confused, please don't hesitate to contact us for future assistance.

Prescription to Success

Shalini Satish Kumar, a postgraduate in Architecture from Pratt Institute, NY, has over 14 years of experience working on diverse projects in New York and India. Specializing in integrating architecture and interior design, she prioritizes user experience and advocates for incorporating local context, craftsmanship and sustainable practices into modern buildings.



Snippets of an interview conducted with Shalini Satish Kumar

What key skills and qualities are most important for aspiring architects to develop?

Architecture is the art of designing a structure for human habitation. It is good for aspiring architects to have a keen interest in art, craft, drawing, history, physics and mathematics. It is good to also pay keen attention to how spaces are used and focus on the user experience, as space planning entails crafting human experiences.

How important is gaining practical experience through internships or work placements during your studies, and how can students find these opportunities?

Internships are critical for architecture. Offices are constantly on the lookout for fresh talent. An office uses a lot of its resources to train an intern. Therefore, before reaching out to offices, learning essential software such as AutoCAD and Sketchup/ Rhinoceros for 3D, along with rendering software like Lumion is important. An internship teaches you the actual application of the skillsets you build during your studies.

What advice would you give to students who are just starting their studies in architecture?

Architecture is a lot about an individual's curiosity and ability of being able to self-learn.

What resources (books, websites, software) would you recommend to students interested in architecture?

We have a lot of online resources like Archdaily, Dezeen, Architizer, Architectural Digest, Divisare etc. In addition to these resources, students must also cultivate a habit of visiting their nearest library to study books on architecture such as monographs of well-known architecture firms.

Softwares like Autocad, Sketchup, Revit, Rhino, 3Ds Max, Microsoft Office, Adobe Photoshop, Illustrator, Indesign etc are extensively used, and knowledge of these is essential for progress.

What role does technology play in modern architecture, and what tools should students be proficient in?

Technology plays a crucial role in modern architecture; students must study new construction materials, their applications, and relevant software to keep up with peers.

How do architects stay creative and inspired in their work?

Architects draw inspiration from the client's vision, study existing projects by renowned architects and embrace new trends. The constant evolution of technology and products also fosters innovation.

How do you see the field of architecture evolving in the next 5-10 years?

Climate crisis, a global concern, will be one of the main guiding factors in decision making in the field of architecture in the following years. There is a lot of innovation being done on buildings having the lowest impact on the environment by use of sustainable materials and renewable energy sources.

What are some common challenges, architects face, and how can students prepare for them?

A common challenge for architects is when students lack software knowledge. Effective communication skills are essential for understanding tasks, asking timely questions, taking ownership, and meeting deadlines.

Keen to know more
Contact us:
shalini@pentaform.in

Can you describe a typical day in the life of an architect?

Architects go from being Artists to coordinators to technical specialists throughout the day. The day is a mix of client /peer interactions and the production of 3D visualizations/drawings.

Career Queries

by : Dr. Sudha Bhogle



What is the difference between architecture and interior architecture?

The difference between the two is as follows:

	Architecture	Interior Architecture
Definition	The art and science of designing and constructing buildings and other physical structures, focusing on both the exterior and structural elements.	The design and planning of interior spaces within buildings, emphasizing functionality, aesthetics, and the optimization of interior environments.
Scope	Focuses on the overall design and construction of buildings and other structure	Here the focus is on interior spaces of building, emphasizing functionality and aesthetics
Responsibility	Involves creating the building's external structure, including its framework, foundation, and aesthetics.	Involves designing interior layouts, selecting materials, and planning interior spaces to meet both functional and aesthetic needs.
Scale	Deals with large-scale projects such as skyscrapers, residential complexes, bridges and public buildings.	Primarily deals with the inside of buildings, including residential, commercial and public interiors.
Education	Typically requires a degree in architecture, followed by professional licensing and certification.	Typically requires a degree in interior architecture or interior design, with additional certifications available for specialization.

In summary, architecture focuses on the design and structural integrity of buildings, while interior architecture enhances the functionality and aesthetic appeal of interior spaces.

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Confused about your career?



We will talk about this in our next Edition.



Can you guess?

Mail us your answers at educafestudentsolutions@gmail.com

